

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: In the nature of a substitute.

**IN THE SENATE OF THE UNITED STATES—117th Cong., 1st Sess.**

**H. R. 3684**

To authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes.

Referred to the Committee on \_\_\_\_\_ and  
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended  
to be proposed by \_\_\_\_\_

Viz:

1 Strike all after the enacting clause and insert the fol-

2 lowing:

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) SHORT TITLE.—This Act may be cited as the

5 “Infrastructure Investment and Jobs Act”.

6 (b) TABLE OF CONTENTS.—The table of contents for

7 this Act is as follows:

Sec. 1. Short title; table of contents.

Sec. 2. References.

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Sec. 1001. Definitions.

Sec. 1002. Effective date.

TITLE I—FEDERAL-AID HIGHWAYS

Subtitle A—Authorizations and Programs

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- Sec. 1102. Obligation ceiling.
- Sec. 1103. Definitions.
- Sec. 1104. Apportionment.
- Sec. 1105. National highway performance program.
- Sec. 1106. Emergency relief.
- Sec. 1107. Federal share payable.
- Sec. 1108. Railway-highway grade crossings.
- Sec. 1109. Surface transportation block grant program.
- Sec. 1110. Nationally significant freight and highway projects.
- Sec. 1111. Highway safety improvement program.
- Sec. 1112. Federal lands transportation program.
- Sec. 1113. Federal lands access program.
- Sec. 1114. National highway freight program.
- Sec. 1115. Congestion mitigation and air quality improvement program.
- Sec. 1116. Alaska Highway.
- Sec. 1117. Toll roads, bridges, tunnels, and ferries.
- Sec. 1118. Bridge investment program.
- Sec. 1119. Safe routes to school.
- Sec. 1120. Highway use tax evasion projects.
- Sec. 1121. Construction of ferry boats and ferry terminal facilities.
- Sec. 1122. Vulnerable road user research.
- Sec. 1123. Wildlife crossing safety.
- Sec. 1124. Consolidation of programs.
- Sec. 1125. GAO report.
- Sec. 1126. Territorial and Puerto Rico highway program.
- Sec. 1127. Nationally significant Federal lands and Tribal projects program.
- Sec. 1128. Tribal high priority projects program.
- Sec. 1129. Standards.
- Sec. 1130. Public transportation.
- Sec. 1131. Reservation of certain funds.
- Sec. 1132. Rural surface transportation grant program.
- Sec. 1133. Bicycle transportation and pedestrian walkways.
- Sec. 1134. Recreational trails program.
- Sec. 1135. Updates to Manual on Uniform Traffic Control Devices.

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- Sec. 1201. Transportation planning.
- Sec. 1202. Fiscal constraint on long-range transportation plans.
- Sec. 1203. State human capital plans.
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- Sec. 1205. Travel demand data and modeling.
- Sec. 1206. Increasing safe and accessible transportation options.

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- Sec. 1302. Work zone process reviews.
- Sec. 1303. Transportation management plans.
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- Sec. 1305. Alternative contracting methods.
- Sec. 1306. Flexibility for projects.
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- Sec. 1308. Geomatic data.
- Sec. 1309. Evaluation of projects within an operational right-of-way.

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- Sec. 1310. Preliminary engineering.
- Sec. 1311. Efficient implementation of NEPA for Federal land management projects.
- Sec. 1312. National Environmental Policy Act of 1969 reporting program.
- Sec. 1313. Surface transportation project delivery program written agreements.
- Sec. 1314. State assumption of responsibility for categorical exclusions.
- Sec. 1315. Early utility relocation prior to transportation project environmental review.
- Sec. 1316. Streamlining of section 4(f) reviews.
- Sec. 1317. Categorical exclusion for projects of limited Federal assistance.
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- Sec. 1402. Reduction of truck emissions at port facilities.
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- Sec. 1406. Healthy Streets program.

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- Sec. 1529. Active transportation infrastructure investment program.

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- Sec. 7102. Federal Railroad Administration.
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- Sec. 30903. Small water storage and groundwater storage projects.
- Sec. 30904. Critical maintenance and repair.
- Sec. 30905. Competitive grant program for large-scale water recycling and reuse program.
- Sec. 30906. Drought contingency plan funding requirements.
- Sec. 30907. Multi-benefit projects to improve watershed health.
- Sec. 30908. Eligible desalination projects.

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- Sec. 30909. Clarification of authority to use coronavirus fiscal recovery funds to meet a non-Federal matching requirement for authorized Bureau of Reclamation water projects.
- Sec. 30910. Federal assistance for groundwater recharge, aquifer storage, and water source substitution projects.

TITLE X—AUTHORIZATION OF APPROPRIATIONS FOR ENERGY  
ACT OF 2020

- Sec. 31001. Energy storage demonstration projects.
- Sec. 31002. Advanced reactor demonstration program.
- Sec. 31003. Mineral security projects.
- Sec. 31004. Carbon capture demonstration and pilot programs.
- Sec. 31005. Direct air capture technologies prize competitions.
- Sec. 31006. Water power projects.
- Sec. 31007. Renewable energy projects.
- Sec. 31008. Industrial emissions demonstration projects.

TITLE XI—WAGE RATE REQUIREMENTS

- Sec. 31101. Wage rate requirements.

TITLE XII—MISCELLANEOUS

- Sec. 31201. Office of Clean Energy Demonstrations.
- Sec. 31202. Extension of Secure Rural Schools and Community Self-Determination Act of 2000.

TITLE XIII—INDIAN WATER RIGHTS SETTLEMENT COMPLETION  
FUND

- Sec. 31301. Indian Water Rights Settlement Completion Fund.

TITLE XIV—FEDERAL PERMITTING IMPROVEMENT

- Sec. 31401. Federal permitting improvement.

DIVISION D—BUILD AMERICA, BUY AMERICA

TITLE I—BUILD AMERICA, BUY AMERICA

- Sec. 40001. Short title.

Subtitle A—Buy America Sourcing Requirements

- Sec. 40101. Findings.
- Sec. 40102. Definitions.
- Sec. 40103. Identification of deficient programs.
- Sec. 40104. Application of Buy America preference.
- Sec. 40105. OMB guidance and standards.
- Sec. 40106. Technical assistance partnership and consultation supporting Department of Transportation Buy America requirements.
- Sec. 40107. Application.

Subtitle B—Make It in America

- Sec. 40111. Regulations relating to Buy American Act.
- Sec. 40112. Amendments relating to Buy American Act.
- Sec. 40113. Made in America Office.

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- Sec. 40114. Hollings Manufacturing Extension Partnership activities.
- Sec. 40115. United States obligations under international agreements.
- Sec. 40116. Definitions.
- Sec. 40117. Prospective amendments to internal cross-references.

## TITLE II—BUYAMERICAN.GOV

- Sec. 40201. Short title.
- Sec. 40202. Definitions.
- Sec. 40203. Sense of Congress on buying American.
- Sec. 40204. Assessment of impact of free trade agreements.
- Sec. 40205. Judicious use of waivers.
- Sec. 40206. Establishment of BuyAmerican.gov website.
- Sec. 40207. Waiver Transparency and Streamlining for contracts.
- Sec. 40208. Comptroller General report.
- Sec. 40209. Rules of construction.
- Sec. 40210. Consistency with international agreements.
- Sec. 40211. Prospective amendments to internal cross-references.

## TITLE III—MAKE PPE IN AMERICA

- Sec. 40301. Short title.
- Sec. 40302. Findings.
- Sec. 40303. Requirement of long-term contracts for domestically manufactured personal protective equipment.

## DIVISION E—RESILIENCY

## TITLE I—CYBERSECURITY

## Subtitle A—Cyber Response and Recovery Act

- Sec. 50101. Short title.
- Sec. 50102. Declaration of a significant incident.

## Subtitle B—State and Local Cybersecurity Improvement Act

- Sec. 50111. Short title.
- Sec. 50112. State and Local Cybersecurity Grant Program.

## TITLE II—RECYCLING PRACTICES

- Sec. 50201. Best practices for battery recycling and labeling guidelines.
- Sec. 50202. Consumer recycling education and outreach grant program; Federal procurement.

## TITLE III—REFORESTATION

- Sec. 50301. Short title.
- Sec. 50302. Reforestation following wildfires and other unplanned events.
- Sec. 50303. Report.

## TITLE IV—WILDFIRE MITIGATION

- Sec. 50401. Short title.
- Sec. 50402. Definitions.
- Sec. 50403. Establishment of Commission.
- Sec. 50404. Duties of Commission.
- Sec. 50405. Powers of Commission.

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- Sec. 50406. Commission personnel matters.
- Sec. 50407. Termination of Commission.

## DIVISION F—OFFSETS

TITLE I—EXTENSION OF DIRECT SPENDING REDUCTIONS  
THROUGH FISCAL YEAR 2031

- Sec. 60101. Extension of direct spending reductions through fiscal year 2031.

## TITLE II—STRATEGIC PETROLEUM RESERVE

- Sec. 60201. Strategic Petroleum Reserve drawdown and sale.

## TITLE III—UNEMPLOYMENT INSURANCE PROGRAM INTEGRITY

## Subtitle A—Fighting Fraud and Enhancing Processes

- Sec. 60301. Grant program to assist States in fighting fraud and enhancing processes.

## Subtitle B—Identity Verification and Account Authentication

- Sec. 60311. Use of digital identity proofing tools that are compliant with standards established by the National Institute of Standards and Technology.
- Sec. 60312. Plan for Federal digital identity verification program.

## Subtitle C—Unemployment Insurance Information Technology Modernization

- Sec. 60321. Modernization of technology for delivering unemployment compensation.
- Sec. 60322. Grants to assist States in modernizing their unemployment compensation technology systems.

## Subtitle D—Anti-fraud Solutions, Secure Data Systems, and Data Sharing

- Sec. 60331. Electronic transmission of unemployment compensation information.
- Sec. 60332. Unemployment compensation data cross-matching.
- Sec. 60333. Use of unemployment claims data by the Inspector General of the Department of Labor.
- Sec. 60334. Use of National Directory of New Hires in administration of unemployment compensation programs.
- Sec. 60335. Incarcerated individuals.
- Sec. 60336. Permissible use of unemployment fund money for program integrity purposes.
- Sec. 60337. Penalty and interest.
- Sec. 60338. State performance.

## Subtitle E—Miscellaneous

- Sec. 60341. Implementation.
- Sec. 60342. Definition of Secretary.

## TITLE IV—EXTENSION OF ENTERPRISE GUARANTEE FEES



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Sec. 60401. Extension of enterprise guarantee fees.

TITLE V—MORATORIUM ON IMPLEMENTATION OF RULE RELATING TO ELIMINATING THE ANTI-KICKBACK STATUTE SAFE HARBOR PROTECTION FOR PRESCRIPTION DRUG REBATES

Sec. 60501. Moratorium on implementation of rule relating to eliminating the anti-kickback statute safe harbor protection for prescription drug rebates.

TITLE VI—RESCISSION OF COVID-19 APPROPRIATIONS

Sec. 60601. Rescission of COVID-19 appropriations.

TITLE VII—SPECTRUM AUCTION AUTHORITY

Sec. 60701. Spectrum auction authority.

TITLE VIII—REFUND ACT

Sec. 60801. REFUND Act.

TITLE IX—UNEMPLOYMENT INSURANCE PROGRAM INTEGRITY FUNDING

DIVISION G—REVENUE PROVISIONS

TITLE I—HIGHWAY TRUST FUND

Sec. 70101. Extension of Highway Trust Fund expenditure authority.

Sec. 70102. Extension of highway-related taxes.

Sec. 70103. Further additional transfers to trust fund.

TITLE II—HAZARDOUS SUBSTANCE SUPERFUND

Sec. 70201. Extension and modification of certain superfund excise taxes.

TITLE III—CUSTOM USER FEES

Sec. 70301. Extension of customs user fees.

TITLE IV—RELIEF FOR TAXPAYERS AFFECTED BY DISASTERS OR OTHER CRITICAL EVENTS

Sec. 70401. Modification of automatic extension of certain deadlines in the case of taxpayers affected by Federally declared disasters.

Sec. 70402. Modifications of rules for postponing certain acts by reason of service in combat zone or contingency operation.

Sec. 70403. Tolling of time for filing a petition with the tax court.

Sec. 70404. Authority to postpone certain tax deadlines by reason of significant fires.

TITLE V—OTHER PROVISIONS

Sec. 70501. Adjustment of qualifying advanced energy project credit.

Sec. 70502. Modification of tax treatment of contributions to the capital of a corporation.

Sec. 70503. Extension of interest rate stabilization.

Sec. 70504. Enhancement of information reporting for brokers and digital assets.

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- Sec. 70505. Termination of employee retention credit for employers subject to closure due to COVID-19.
- Sec. 70506. Increase in national limitation amount for qualified highway or surface freight transportation facilities.

## DIVISION H—APPROPRIATIONS

TITLE I—AGRICULTURE, RURAL DEVELOPMENT, FOOD AND  
DRUG ADMINISTRATION, AND RELATED AGENCIESTITLE II—COMMERCE, JUSTICE, SCIENCE, AND RELATED  
AGENCIESTITLE III—ENERGY AND WATER DEVELOPMENT AND RELATED  
AGENCIES

## TITLE IV—FINANCIAL SERVICES AND GENERAL GOVERNMENT

## TITLE V—DEPARTMENT OF HOMELAND SECURITY

TITLE VI—DEPARTMENT OF THE INTERIOR, ENVIRONMENT, AND  
RELATED AGENCIESTITLE VII—LABOR, HEALTH AND HUMAN SERVICES, AND  
EDUCATION, AND RELATED AGENCIESTITLE VIII—TRANSPORTATION, HOUSING AND URBAN  
DEVELOPMENT, AND RELATED AGENCIES

## TITLE IX—GENERAL PROVISIONS—THIS DIVISION

1 **SEC. 2. REFERENCES.**

2 Except as expressly provided otherwise, any reference  
3 to “this Act” contained in any division of this Act shall  
4 be treated as referring only to the provisions of that divi-  
5 sion.

6 **DIVISION A—SURFACE**  
7 **TRANSPORTATION**8 **SEC. 1001. DEFINITIONS.**

9 In this division:

- 10 (1) DEPARTMENT.—The term “Department”  
11 means the Department of Transportation.

1           (2) SECRETARY.—The term “Secretary” means  
2           the Secretary of Transportation.

3 **SEC. 1002. EFFECTIVE DATE.**

4           Except as otherwise provided, this division and the  
5 amendments made by this division take effect on October  
6 1, 2021.

7                           **TITLE I—FEDERAL-AID**  
8                           **HIGHWAYS**  
9                           **Subtitle A—Authorizations and**  
10                           **Programs**

11 **SEC. 1101. AUTHORIZATION OF APPROPRIATIONS.**

12           (a) IN GENERAL.—The following amounts are au-  
13 thorized to be appropriated out of the Highway Trust  
14 Fund (other than the Mass Transit Account):

15           (1) FEDERAL-AID HIGHWAY PROGRAM.—For  
16           the national highway performance program under  
17           section 119 of title 23, United States Code, the sur-  
18           face transportation block grant program under sec-  
19           tion 133 of that title, the highway safety improve-  
20           ment program under section 148 of that title, the  
21           congestion mitigation and air quality improvement  
22           program under section 149 of that title, the national  
23           highway freight program under section 167 of that  
24           title, the carbon reduction program under section  
25           175 of that title, to carry out subsection (c) of the

1 PROTECT program under section 176 of that title,  
2 and to carry out section 134 of that title—

3 (A) \$52,488,065,375 for fiscal year 2022;

4 (B) \$53,537,826,683 for fiscal year 2023;

5 (C) \$54,608,583,217 for fiscal year 2024;

6 (D) \$55,700,754,881 for fiscal year 2025;

7 and

8 (E) \$56,814,769,844 for fiscal year 2026.

9 (2) TRANSPORTATION INFRASTRUCTURE FI-  
10 NANCE AND INNOVATION PROGRAM.—For credit as-  
11 sistance under the transportation infrastructure fi-  
12 nance and innovation program under chapter 6 of  
13 title 23, United States Code, \$250,000,000 for each  
14 of fiscal years 2022 through 2026.

15 (3) FEDERAL LANDS AND TRIBAL TRANSPOR-  
16 TATION PROGRAMS.—

17 (A) TRIBAL TRANSPORTATION PRO-  
18 GRAM.—For the tribal transportation program  
19 under section 202 of title 23, United States  
20 Code—

21 (i) \$578,460,000 for fiscal year 2022;

22 (ii) \$589,960,000 for fiscal year 2023;

23 (iii) \$602,460,000 for fiscal year  
24 2024;

1 (iv) \$612,960,000 for fiscal year  
2 2025; and

3 (v) \$627,960,000 for fiscal year 2026.

4 (B) FEDERAL LANDS TRANSPORTATION  
5 PROGRAM.—

6 (i) IN GENERAL.—For the Federal  
7 lands transportation program under sec-  
8 tion 203 of title 23, United States Code—

9 (I) \$421,965,000 for fiscal year  
10 2022;

11 (II) \$429,965,000 for fiscal year  
12 2023;

13 (III) \$438,965,000 for fiscal year  
14 2024;

15 (IV) \$447,965,000 for fiscal year  
16 2025; and

17 (V) \$455,965,000 for fiscal year  
18 2026.

19 (ii) ALLOCATION.—Of the amount  
20 made available for a fiscal year under  
21 clause (i)—

22 (I) the amount for the National  
23 Park Service is—

24 (aa) \$332,427,450 for fiscal  
25 year 2022;

22

1 (bb) \$338,867,450 for fiscal  
2 year 2023;

3 (cc) \$346,237,450 for fiscal  
4 year 2024;

5 (dd) \$353,607,450 for fiscal  
6 year 2025; and

7 (ee) \$360,047,450 for fiscal  
8 year 2026;

9 (II) the amount for the United  
10 States Fish and Wildlife Service is  
11 \$36,000,000 for each of fiscal years  
12 2022 through 2026; and

13 (III) the amount for the Forest  
14 Service is—

15 (aa) \$24,000,000 for fiscal  
16 year 2022;

17 (bb) \$25,000,000 for fiscal  
18 year 2023;

19 (cc) \$26,000,000 for fiscal  
20 year 2024;

21 (dd) \$27,000,000 for fiscal  
22 year 2025; and

23 (ee) \$28,000,000 for fiscal  
24 year 2026.

1 (C) FEDERAL LANDS ACCESS PROGRAM.—

2 For the Federal lands access program under

3 section 204 of title 23, United States Code—

4 (i) \$285,975,000 for fiscal year 2022;

5 (ii) \$291,975,000 for fiscal year 2023;

6 (iii) \$296,975,000 for fiscal year

7 2024;

8 (iv) \$303,975,000 for fiscal year

9 2025; and

10 (v) \$308,975,000 for fiscal year 2026.

11 (4) TERRITORIAL AND PUERTO RICO HIGHWAY

12 PROGRAM.—For the territorial and Puerto Rico

13 highway program under section 165 of title 23,

14 United States Code—

15 (A) \$219,000,000 for fiscal year 2022;

16 (B) \$224,000,000 for fiscal year 2023;

17 (C) \$228,000,000 for fiscal year 2024;

18 (D) \$232,500,000 for fiscal year 2025;

19 and

20 (E) \$237,000,000 for fiscal year 2026.

21 (5) NATIONALLY SIGNIFICANT FREIGHT AND

22 HIGHWAY PROJECTS.—For nationally significant

23 freight and highway projects under section 117 of

24 title 23, United States Code—

25 (A) \$1,000,000,000 for fiscal year 2022;

- 1 (B) \$1,000,000,000 for fiscal year 2023;  
2 (C) \$1,000,000,000 for fiscal year 2024;  
3 (D) \$900,000,000 for fiscal year 2025;  
4 and  
5 (E) \$900,000,000 for fiscal year 2026.

6 (b) OTHER PROGRAMS.—

7 (1) IN GENERAL.—The following amounts are  
8 authorized to be appropriated out of the Highway  
9 Trust Fund (other than the Mass Transit Account):

10 (A) BRIDGE INVESTMENT PROGRAM.—To  
11 carry out the bridge investment program under  
12 section 124 of title 23, United States Code—

13 (i) \$600,000,000 for fiscal year 2022;

14 (ii) \$640,000,000 for fiscal year 2023;

15 (iii) \$650,000,000 for fiscal year  
16 2024;

17 (iv) \$675,000,000 for fiscal year  
18 2025; and

19 (v) \$700,000,000 for fiscal year 2026.

20 (B) CONGESTION RELIEF PROGRAM.—To  
21 carry out the congestion relief program under  
22 section 129(d) of title 23, United States Code,  
23 \$50,000,000 for each of fiscal years 2022  
24 through 2026.



1 (C) CHARGING AND FUELING INFRASTRUC-  
2 TURE GRANTS.—To carry out section 151(f) of  
3 title 23, United States Code—

4 (i) \$300,000,000 for fiscal year 2022;

5 (ii) \$400,000,000 for fiscal year 2023;

6 (iii) \$500,000,000 for fiscal year  
7 2024;

8 (iv) \$600,000,000 for fiscal year  
9 2025; and

10 (v) \$700,000,000 for fiscal year 2026.

11 (D) RURAL SURFACE TRANSPORTATION  
12 GRANT PROGRAM.—To carry out the rural sur-  
13 face transportation grant program under sec-  
14 tion 173 of title 23, United States Code—

15 (i) \$300,000,000 for fiscal year 2022;

16 (ii) \$350,000,000 for fiscal year 2023;

17 (iii) \$400,000,000 for fiscal year  
18 2024;

19 (iv) \$450,000,000 for fiscal year  
20 2025; and

21 (v) \$500,000,000 for fiscal year 2026.

22 (E) PROTECT GRANTS.—

23 (i) IN GENERAL.—To carry out sub-  
24 section (d) of the PROTECT program  
25 under section 176 of title 23, United

26

1 States Code, for each of fiscal years 2022  
2 through 2026—

3 (I) \$250,000,000 for fiscal year  
4 2022;

5 (II) \$250,000,000 for fiscal year  
6 2023;

7 (III) \$300,000,000 for fiscal year  
8 2024;

9 (IV) \$300,000,000 for fiscal year  
10 2025; and

11 (V) \$300,000,000 for fiscal year  
12 2026.

13 (ii) ALLOCATION.—Of the amounts  
14 made available under clause (i)—

15 (I) for planning grants under  
16 paragraph (3) of that subsection—

17 (aa) \$25,000,000 for fiscal  
18 year 2022;

19 (bb) \$25,000,000 for fiscal  
20 year 2023;

21 (cc) \$30,000,000 for fiscal  
22 year 2024;

23 (dd) \$30,000,000 for fiscal  
24 year 2025; and

27

1 (ee) \$30,000,000 for fiscal  
2 year 2026;

3 (II) for resilience improvement  
4 grants under paragraph (4)(A) of that  
5 subsection—

6 (aa) \$175,000,000 for fiscal  
7 year 2022;

8 (bb) \$175,000,000 for fiscal  
9 year 2023;

10 (cc) \$210,000,000 for fiscal  
11 year 2024;

12 (dd) \$210,000,000 for fiscal  
13 year 2025; and

14 (ee) \$210,000,000 for fiscal  
15 year 2026;

16 (III) for community resilience  
17 and evacuation route grants under  
18 paragraph (4)(B) of that subsection—

19 (aa) \$25,000,000 for fiscal  
20 year 2022;

21 (bb) \$25,000,000 for fiscal  
22 year 2023;

23 (cc) \$30,000,000 for fiscal  
24 year 2024;

28

1 (dd) \$30,000,000 for fiscal  
2 year 2025; and

3 (ee) \$30,000,000 for fiscal  
4 year 2026; and

5 (IV) for at-risk coastal infra-  
6 structure grants under paragraph  
7 (4)(C) of that subsection—

8 (aa) \$25,000,000 for fiscal  
9 year 2022;

10 (bb) \$25,000,000 for fiscal  
11 year 2023;

12 (cc) \$30,000,000 for fiscal  
13 year 2024;

14 (dd) \$30,000,000 for fiscal  
15 year 2025; and

16 (ee) \$30,000,000 for fiscal  
17 year 2026.

18 (F) REDUCTION OF TRUCK EMISSIONS AT  
19 PORT FACILITIES.—

20 (i) IN GENERAL.—To carry out the  
21 reduction of truck emissions at port facili-  
22 ties under section 1402, \$50,000,000 for  
23 each of fiscal years 2022 through 2026.

24 (ii) TREATMENT.—Amounts made  
25 available under clause (i) shall be available

1 for obligation in the same manner as if  
2 those amounts were apportioned under  
3 chapter 1 of title 23, United States Code.

4 (G) **NATIONALLY SIGNIFICANT FEDERAL**  
5 **LANDS AND TRIBAL PROJECTS.—**

6 (i) **IN GENERAL.—**To carry out the  
7 nationally significant Federal lands and  
8 tribal projects program under section 1123  
9 of the FAST Act (23 U.S.C. 201 note;  
10 Public Law 114–94), \$55,000,000 for each  
11 of fiscal years 2022 through 2026.

12 (ii) **TREATMENT.—**Amounts made  
13 available under clause (i) shall be available  
14 for obligation in the same manner as if  
15 those amounts were apportioned under  
16 chapter 1 of title 23, United States Code.

17 (2) **GENERAL FUND.—**

18 (A) **BRIDGE INVESTMENT PROGRAM.—**

19 (i) **IN GENERAL.—**In addition to  
20 amounts made available under paragraph  
21 (1)(A), there are authorized to be appro-  
22 priated to carry out the bridge investment  
23 program under section 124 of title 23,  
24 United States Code—

30

1 (I) \$600,000,000 for fiscal year  
2 2022;

3 (II) \$640,000,000 for fiscal year  
4 2023;

5 (III) \$650,000,000 for fiscal year  
6 2024;

7 (IV) \$675,000,000 for fiscal year  
8 2025; and

9 (V) \$700,000,000 for fiscal year  
10 2026.

11 (ii) ALLOCATION.—Amounts made  
12 available under clause (i) shall be allocated  
13 in the same manner as if made available  
14 under paragraph (1)(A).

15 (B) NATIONALLY SIGNIFICANT FEDERAL  
16 LANDS AND TRIBAL PROJECTS PROGRAM.—In  
17 addition to amounts made available under para-  
18 graph (1)(G), there is authorized to be appro-  
19 priated to carry out section 1123 of the FAST  
20 Act (23 U.S.C. 201 note; Public Law 114–94)  
21 \$300,000,000 for each of fiscal years 2022  
22 through 2026.

23 (C) HEALTHY STREETS PROGRAM.—There  
24 is authorized to be appropriated to carry out  
25 the Healthy Streets program under section

1           1406 \$100,000,000 for each of fiscal years  
2           2022 through 2026.

3           (D) TRANSPORTATION RESILIENCE AND  
4           ADAPTATION CENTERS OF EXCELLENCE.—  
5           There is authorized to be appropriated to carry  
6           out section 520 of title 23, United States Code,  
7           \$100,000,000 for each of fiscal years 2022  
8           through 2026.

9           (E) OPEN CHALLENGE AND RESEARCH  
10          PROPOSAL PILOT PROGRAM.—There is author-  
11          ized to be appropriated to carry out the open  
12          challenge and research proposal pilot program  
13          under section 3006(e) \$15,000,000 for each of  
14          fiscal years 2022 through 2026.

15          (c) RESEARCH, TECHNOLOGY, AND EDUCATION AU-  
16          THORIZATIONS.—

17           (1) IN GENERAL.—The following amounts are  
18          authorized to be appropriated out of the Highway  
19          Trust Fund (other than the Mass Transit Account):

20           (A) HIGHWAY RESEARCH AND DEVELOP-  
21          MENT PROGRAM.—To carry out section 503(b)  
22          of title 23, United States Code, \$147,000,000  
23          for each of fiscal years 2022 through 2026.

24           (B) TECHNOLOGY AND INNOVATION DE-  
25          PLOYMENT PROGRAM.—To carry out section

1           503(c) of title 23, United States Code,  
2           \$110,000,000 for each of fiscal years 2022  
3           through 2026.

4           (C) TRAINING AND EDUCATION.—To carry  
5           out section 504 of title 23, United States  
6           Code—

7                   (i) \$25,000,000 for fiscal year 2022;

8                   (ii) \$25,250,000 for fiscal year 2023;

9                   (iii) \$25,500,000 for fiscal year 2024;

10                  (iv) \$25,750,000 for fiscal year 2025;

11                  and

12                  (v) \$26,000,000 for fiscal year 2026.

13           (D) INTELLIGENT TRANSPORTATION SYS-  
14           TEMS PROGRAM.—To carry out sections 512  
15           through 518 of title 23, United States Code,  
16           \$110,000,000 for each of fiscal years 2022  
17           through 2026.

18           (E) UNIVERSITY TRANSPORTATION CEN-  
19           TERS PROGRAM.—To carry out section 5505 of  
20           title 49, United States Code—

21                   (i) \$80,000,000 for fiscal year 2022;

22                   (ii) \$80,500,000 for fiscal year 2023;

23                   (iii) \$81,000,000 for fiscal year 2024;

24                   (iv) \$81,500,000 for fiscal year 2025;

25                  and



1 (v) \$82,000,000 for fiscal year 2026.

2 (F) BUREAU OF TRANSPORTATION STATIS-  
3 TICS.—To carry out chapter 63 of title 49,  
4 United States Code—

5 (i) \$26,000,000 for fiscal year 2022;

6 (ii) \$26,250,000 for fiscal year 2023;

7 (iii) \$26,500,000 for fiscal year 2024;

8 (iv) \$26,750,000 for fiscal year 2025;

9 and

10 (v) \$27,000,000 for fiscal year 2026.

11 (2) ADMINISTRATION.—The Federal Highway  
12 Administration shall—

13 (A) administer the programs described in  
14 subparagraphs (A), (B), and (C) of paragraph  
15 (1); and

16 (B) in consultation with relevant modal ad-  
17 ministrations, administer the programs de-  
18 scribed in paragraph (1)(D).

19 (3) APPLICABILITY OF TITLE 23, UNITED  
20 STATES CODE.—Amounts authorized to be appro-  
21 priated by paragraph (1) shall—

22 (A) be available for obligation in the same  
23 manner as if those funds were apportioned  
24 under chapter 1 of title 23, United States Code,  
25 except that the Federal share of the cost of a

1 project or activity carried out using those funds  
2 shall be 80 percent, unless otherwise expressly  
3 provided by this division (including the amend-  
4 ments by this division) or otherwise determined  
5 by the Secretary; and

6 (B) remain available until expended and  
7 not be transferable, except as otherwise pro-  
8 vided by this division.

9 (d) PILOT PROGRAMS.—The following amounts are  
10 authorized to be appropriated out of the Highway Trust  
11 Fund (other than the Mass Transit Account):

12 (1) WILDLIFE CROSSINGS PILOT PROGRAM.—  
13 For the wildlife crossings pilot program under sec-  
14 tion 171 of title 23, United States Code—

15 (A) \$60,000,000 for fiscal year 2022;  
16 (B) \$65,000,000 for fiscal year 2023;  
17 (C) \$70,000,000 for fiscal year 2024;  
18 (D) \$75,000,000 for fiscal year 2025; and  
19 (E) \$80,000,000 for fiscal year 2026.

20 (2) PRIORITIZATION PROCESS PILOT PRO-  
21 GRAM.—

22 (A) IN GENERAL.—For the prioritization  
23 process pilot program under section 1204,  
24 \$10,000,000 for each of fiscal years 2022  
25 through 2026.

1 (B) TREATMENT.—Amounts made avail-  
2 able under subparagraph (A) shall be available  
3 for obligation in the same manner as if those  
4 amounts were apportioned under chapter 1 of  
5 title 23, United States Code.

6 (3) RECONNECTING COMMUNITIES PILOT PRO-  
7 GRAM.—

8 (A) PLANNING GRANTS.—For planning  
9 grants under the reconnecting communities  
10 pilot program under section 1509(c),  
11 \$30,000,000 for each of fiscal years 2022  
12 through 2026.

13 (B) CAPITAL CONSTRUCTION GRANTS.—  
14 For capital construction grants under the re-  
15 connecting communities pilot program under  
16 section 1509(d)—

17 (i) \$65,000,000 for fiscal year 2022;

18 (ii) \$68,000,000 for fiscal year 2023;

19 (iii) \$70,000,000 for fiscal year 2024;

20 (iv) \$72,000,000 for fiscal year 2025;

21 and

22 (v) \$75,000,000 for fiscal year 2026.

23 (C) TREATMENT.—Amounts made avail-  
24 able under subparagraph (A) or (B) shall be  
25 available for obligation in the same manner as

1 if those amounts were apportioned under chap-  
2 ter 1 of title 23, United States Code, except  
3 that those amounts shall remain available until  
4 expended.

5 (e) DISADVANTAGED BUSINESS ENTERPRISES.—

6 (1) FINDINGS.—Congress finds that—

7 (A) while significant progress has occurred  
8 due to the establishment of the disadvantaged  
9 business enterprise program, discrimination and  
10 related barriers continue to pose significant ob-  
11 stacles for minority- and women-owned busi-  
12 nesses seeking to do business in Federally as-  
13 sisted surface transportation markets across the  
14 United States;

15 (B) the continuing barriers described in  
16 subparagraph (A) merit the continuation of the  
17 disadvantaged business enterprise program;

18 (C) Congress has received and reviewed  
19 testimony and documentation of race and gen-  
20 der discrimination from numerous sources, in-  
21 cluding congressional hearings and roundtables,  
22 scientific reports, reports issued by public and  
23 private agencies, news stories, reports of dis-  
24 crimination by organizations and individuals,  
25 and discrimination lawsuits, which show that

1 race- and gender-neutral efforts alone are insuf-  
2 ficient to address the problem;

3 (D) the testimony and documentation de-  
4 scribed in subparagraph (C) demonstrate that  
5 discrimination across the United States poses a  
6 barrier to full and fair participation in surface  
7 transportation-related businesses of women  
8 business owners and minority business owners  
9 and has impacted firm development and many  
10 aspects of surface transportation-related busi-  
11 ness in the public and private markets; and

12 (E) the testimony and documentation de-  
13 scribed in subparagraph (C) provide a strong  
14 basis that there is a compelling need for the  
15 continuation of the disadvantaged business en-  
16 terprise program to address race and gender  
17 discrimination in surface transportation-related  
18 business.

19 (2) DEFINITIONS.—In this subsection:

20 (A) SMALL BUSINESS CONCERN.—

21 (i) IN GENERAL.—The term “small  
22 business concern” means a small business  
23 concern (as the term is used in section 3  
24 of the Small Business Act (15 U.S.C.  
25 632)).

1                   (ii) EXCLUSIONS.—The term “small  
2                   business concern” does not include any  
3                   concern or group of concerns controlled by  
4                   the same socially and economically dis-  
5                   advantaged individual or individuals that  
6                   have average annual gross receipts during  
7                   the preceding 3 fiscal years in excess of  
8                   \$26,290,000, as adjusted annually by the  
9                   Secretary for inflation.

10                   (B) SOCIALLY AND ECONOMICALLY DIS-  
11                   ADVANTAGED INDIVIDUALS.—The term “so-  
12                   cially and economically disadvantaged individ-  
13                   uals” has the meaning given the term in section  
14                   8(d) of the Small Business Act (15 U.S.C.  
15                   637(d)) and relevant subcontracting regulations  
16                   issued pursuant to that Act, except that women  
17                   shall be presumed to be socially and economi-  
18                   cally disadvantaged individuals for purposes of  
19                   this subsection.

20                   (3) AMOUNTS FOR SMALL BUSINESS CON-  
21                   CERNS.—Except to the extent that the Secretary de-  
22                   termines otherwise, not less than 10 percent of the  
23                   amounts made available for any program under ti-  
24                   tles I through V (other than section 4004) and sec-  
25                   tion 403 of title 23, United States Code, shall be ex-

1           pended through small business concerns owned and  
2           controlled by socially and economically disadvan-  
3           taged individuals.

4           (4) ANNUAL LISTING OF DISADVANTAGED BUSI-  
5           NESS ENTERPRISES.—Each State shall annually—

6                   (A) survey and compile a list of the small  
7                   business concerns referred to in paragraph (3)  
8                   in the State, including the location of the small  
9                   business concerns in the State; and

10                   (B) notify the Secretary, in writing, of the  
11                   percentage of the small business concerns that  
12                   are controlled by—

13                           (i) women;

14                           (ii) socially and economically dis-  
15                           advantaged individuals (other than  
16                           women); and

17                           (iii) individuals who are women and  
18                           are otherwise socially and economically dis-  
19                           advantaged individuals.

20           (5) UNIFORM CERTIFICATION.—

21                   (A) IN GENERAL.—The Secretary shall es-  
22                   tablish minimum uniform criteria for use by  
23                   State governments in certifying whether a con-  
24                   cern qualifies as a small business concern for  
25                   the purpose of this subsection.

1 (B) INCLUSIONS.—The minimum uniform  
2 criteria established under subparagraph (A)  
3 shall include, with respect to a potential small  
4 business concern—

5 (i) on-site visits;

6 (ii) personal interviews with personnel;

7 (iii) issuance or inspection of licenses;

8 (iv) analyses of stock ownership;

9 (v) listings of equipment;

10 (vi) analyses of bonding capacity;

11 (vii) listings of work completed;

12 (viii) examination of the resumes of  
13 principal owners;

14 (ix) analyses of financial capacity; and

15 (x) analyses of the type of work pre-  
16 ferred.

17 (6) REPORTING.—The Secretary shall establish  
18 minimum requirements for use by State govern-  
19 ments in reporting to the Secretary—

20 (A) information concerning disadvantaged  
21 business enterprise awards, commitments, and  
22 achievements; and

23 (B) such other information as the Sec-  
24 retary determines to be appropriate for the



1 proper monitoring of the disadvantaged busi-  
2 ness enterprise program.

3 (7) COMPLIANCE WITH COURT ORDERS.—Noth-  
4 ing in this subsection limits the eligibility of an indi-  
5 vidual or entity to receive funds made available  
6 under titles I through V and section 403 of title 23,  
7 United States Code, if the entity or person is pre-  
8 vented, in whole or in part, from complying with  
9 paragraph (3) because a Federal court issues a final  
10 order in which the court finds that a requirement or  
11 the implementation of paragraph (3) is unconstitu-  
12 tional.

13 (8) SENSE OF CONGRESS ON PROMPT PAYMENT  
14 OF DBE SUBCONTRACTORS.—It is the sense of Con-  
15 gress that—

16 (A) the Secretary should take additional  
17 steps to ensure that recipients comply with sec-  
18 tion 26.29 of title 49, Code of Federal Regula-  
19 tions (the disadvantaged business enterprises  
20 prompt payment rule), or any corresponding  
21 regulation, in awarding Federally funded trans-  
22 portation contracts under laws and regulations  
23 administered by the Secretary; and

24 (B) such additional steps should include  
25 increasing the ability of the Department to

1 track and keep records of complaints and to  
2 make that information publicly available.

3 **SEC. 1102. OBLIGATION CEILING.**

4 (a) GENERAL LIMITATION.—Subject to subsection  
5 (e), and notwithstanding any other provision of law, the  
6 obligations for Federal-aid highway and highway safety  
7 construction programs shall not exceed—

- 8 (1) \$57,473,430,072 for fiscal year 2022;
- 9 (2) \$58,764,510,674 for fiscal year 2023;
- 10 (3) \$60,095,782,888 for fiscal year 2024;
- 11 (4) \$61,314,170,545 for fiscal year 2025; and
- 12 (5) \$62,657,105,821 for fiscal year 2026.

13 (b) EXCEPTIONS.—The limitations under subsection  
14 (a) shall not apply to obligations under or for—

- 15 (1) section 125 of title 23, United States Code;
- 16 (2) section 147 of the Surface Transportation  
17 Assistance Act of 1978 (23 U.S.C. 144 note; 92  
18 Stat. 2714);
- 19 (3) section 9 of the Federal-Aid Highway Act  
20 of 1981 (95 Stat. 1701);
- 21 (4) subsections (b) and (j) of section 131 of the  
22 Surface Transportation Assistance Act of 1982 (96  
23 Stat. 2119);

1           (5) subsections (b) and (c) of section 149 of the  
2           Surface Transportation and Uniform Relocation As-  
3           sistance Act of 1987 (101 Stat. 198);

4           (6) sections 1103 through 1108 of the Inter-  
5           modal Surface Transportation Efficiency Act of  
6           1991 (105 Stat. 2027);

7           (7) section 157 of title 23, United States Code  
8           (as in effect on June 8, 1998);

9           (8) section 105 of title 23, United States Code  
10          (as in effect for fiscal years 1998 through 2004, but  
11          only in an amount equal to \$639,000,000 for each  
12          of those fiscal years);

13          (9) Federal-aid highway programs for which ob-  
14          ligation authority was made available under the  
15          Transportation Equity Act for the 21st Century  
16          (112 Stat. 107) or subsequent Acts for multiple  
17          years or to remain available until expended, but only  
18          to the extent that the obligation authority has not  
19          lapsed or been used;

20          (10) section 105 of title 23, United States Code  
21          (as in effect for fiscal years 2005 through 2012, but  
22          only in an amount equal to \$639,000,000 for each  
23          of those fiscal years);

24          (11) section 1603 of SAFETEA-LU (23  
25          U.S.C. 118 note; 119 Stat. 1248), to the extent that

1 funds obligated in accordance with that section were  
2 not subject to a limitation on obligations at the time  
3 at which the funds were initially made available for  
4 obligation;

5 (12) section 119 of title 23, United States Code  
6 (as in effect for fiscal years 2013 through 2015, but  
7 only in an amount equal to \$639,000,000 for each  
8 of those fiscal years);

9 (13) section 119 of title 23, United States Code  
10 (as in effect for fiscal years 2016 through 2021, but  
11 only in an amount equal to \$639,000,000 for each  
12 of those fiscal years); and

13 (14) section 119 of title 23, United States Code  
14 (but, for fiscal years 2022 through 2026, only in an  
15 amount equal to \$639,000,000 for each of those fis-  
16 cal years).

17 (c) DISTRIBUTION OF OBLIGATION AUTHORITY.—  
18 For each of fiscal years 2022 through 2026, the Sec-  
19 retary—

20 (1) shall not distribute obligation authority pro-  
21 vided by subsection (a) for the fiscal year for—

22 (A) amounts authorized for administrative  
23 expenses and programs by section 104(a) of  
24 title 23, United States Code; and

1 (B) amounts authorized for the Bureau of  
2 Transportation Statistics;

3 (2) shall not distribute an amount of obligation  
4 authority provided by subsection (a) that is equal to  
5 the unobligated balance of amounts—

6 (A) made available from the Highway  
7 Trust Fund (other than the Mass Transit Ac-  
8 count) for Federal-aid highway and highway  
9 safety construction programs for previous fiscal  
10 years the funds for which are allocated by the  
11 Secretary (or apportioned by the Secretary  
12 under section 175, 176(c), 202, or 204 of title  
13 23, United States Code); and

14 (B) for which obligation authority was pro-  
15 vided in a previous fiscal year;

16 (3) shall determine the proportion that—

17 (A) the obligation authority provided by  
18 subsection (a) for the fiscal year, less the aggre-  
19 gate of amounts not distributed under para-  
20 graphs (1) and (2) of this subsection; bears to

21 (B) the total of the sums authorized to be  
22 appropriated for the Federal-aid highway and  
23 highway safety construction programs (other  
24 than sums authorized to be appropriated for  
25 provisions of law described in paragraphs (1)

1 through (13) of subsection (b) and sums au-  
2 thorized to be appropriated for section 119 of  
3 title 23, United States Code, equal to the  
4 amount referred to in subsection (b)(14) for the  
5 fiscal year), less the aggregate of the amounts  
6 not distributed under paragraphs (1) and (2) of  
7 this subsection;

8 (4) shall distribute the obligation authority pro-  
9 vided by subsection (a), less the aggregate amounts  
10 not distributed under paragraphs (1) and (2), for  
11 each of the programs (other than programs to which  
12 paragraph (1) applies) that are allocated by the Sec-  
13 retary under this division and title 23, United States  
14 Code, or apportioned by the Secretary under section  
15 175, 176(c), 202, or 204 of that title, by multi-  
16 plying—

17 (A) the proportion determined under para-  
18 graph (3); by

19 (B) the amounts authorized to be appro-  
20 priated for each such program for the fiscal  
21 year; and

22 (5) shall distribute the obligation authority pro-  
23 vided by subsection (a), less the aggregate amounts  
24 not distributed under paragraphs (1) and (2) and  
25 the amounts distributed under paragraph (4), for

1 Federal-aid highway and highway safety construc-  
2 tion programs that are apportioned by the Secretary  
3 under title 23, United States Code (other than the  
4 amounts apportioned for the national highway per-  
5 formance program in section 119 of title 23, United  
6 States Code, that are exempt from the limitation  
7 under subsection (b)(14) and the amounts appor-  
8 tioned under sections 175, 176(e), 202, and 204 of  
9 that title) in the proportion that—

10 (A) amounts authorized to be appropriated  
11 for the programs that are apportioned under  
12 title 23, United States Code, to each State for  
13 the fiscal year; bears to

14 (B) the total of the amounts authorized to  
15 be appropriated for the programs that are ap-  
16 portioned under title 23, United States Code, to  
17 all States for the fiscal year.

18 (d) REDISTRIBUTION OF UNUSED OBLIGATION AU-  
19 THORITY.—Notwithstanding subsection (c), the Secretary  
20 shall, after August 1 of each of fiscal years 2022 through  
21 2026—

22 (1) revise a distribution of the obligation au-  
23 thority made available under subsection (c) if an  
24 amount distributed cannot be obligated during that  
25 fiscal year; and

1           (2) redistribute sufficient amounts to those  
2 States able to obligate amounts in addition to those  
3 previously distributed during that fiscal year, giving  
4 priority to those States having large unobligated bal-  
5 ances of funds apportioned under sections 144 (as in  
6 effect on the day before the date of enactment of  
7 MAP-21 (Public Law 112-141; 126 Stat. 405)) and  
8 104 of title 23, United States Code.

9           (e) APPLICABILITY OF OBLIGATION LIMITATIONS TO  
10 TRANSPORTATION RESEARCH PROGRAMS.—

11           (1) IN GENERAL.—Except as provided in para-  
12 graph (2), obligation limitations imposed by sub-  
13 section (a) shall apply to contract authority for  
14 transportation research programs carried out under  
15 chapter 5 of title 23, United States Code.

16           (2) EXCEPTION.—Obligation authority made  
17 available under paragraph (1) shall—

18           (A) remain available for a period of 4 fis-  
19 cal years; and

20           (B) be in addition to the amount of any  
21 limitation imposed on obligations for Federal-  
22 aid highway and highway safety construction  
23 programs for future fiscal years.

24           (f) REDISTRIBUTION OF CERTAIN AUTHORIZED  
25 FUNDS.—



1           (1) IN GENERAL.—Not later than 30 days after  
2           the date of distribution of obligation authority under  
3           subsection (c) for each of fiscal years 2022 through  
4           2026, the Secretary shall distribute to the States  
5           any funds (excluding funds authorized for the pro-  
6           gram under section 202 of title 23, United States  
7           Code) that—

8                   (A) are authorized to be appropriated for  
9                   the fiscal year for Federal-aid highway pro-  
10                  grams; and

11                   (B) the Secretary determines will not be  
12                  allocated to the States (or will not be appor-  
13                  tioned to the States under sections 175, 176(c),  
14                  and 204 of title 23, United States Code), and  
15                  will not be available for obligation, for the fiscal  
16                  year because of the imposition of any obligation  
17                  limitation for the fiscal year.

18           (2) RATIO.—Funds shall be distributed under  
19           paragraph (1) in the same proportion as the dis-  
20           tribution of obligation authority under subsection  
21           (c)(5).

22           (3) AVAILABILITY.—Funds distributed to each  
23           State under paragraph (1) shall be available for any  
24           purpose described in section 133(b) of title 23,  
25           United States Code.

1 **SEC. 1103. DEFINITIONS.**

2 Section 101(a) of title 23, United States Code, is  
3 amended—

4 (1) in paragraph (4)—

5 (A) in subparagraph (A), by inserting “as-  
6 ssuming resilience,” after “surveying,”;

7 (B) in subparagraph (G), by striking  
8 “and” at the end;

9 (C) by redesignating subparagraph (H) as  
10 subparagraph (I); and

11 (D) by inserting after subparagraph (G)  
12 the following:

13 “(H) improvements that reduce the num-  
14 ber of wildlife-vehicle collisions, such as wildlife  
15 crossing structures; and”;

16 (2) by redesignating paragraphs (17) through  
17 (34) as paragraphs (18), (19), (20), (21), (22), (23),  
18 (25), (26), (27), (28), (29), (30), (31), (32), (33),  
19 (34), (35), and (36), respectively;

20 (3) by inserting after paragraph (16) the fol-  
21 lowing:

22 “(17) NATURAL INFRASTRUCTURE.—The term  
23 ‘natural infrastructure’ means infrastructure that  
24 uses, restores, or emulates natural ecological proc-  
25 esses and—

1           “(A) is created through the action of nat-  
2           ural physical, geological, biological, and chem-  
3           ical processes over time;

4           “(B) is created by human design, engineer-  
5           ing, and construction to emulate or act in con-  
6           cert with natural processes; or

7           “(C) involves the use of plants, soils, and  
8           other natural features, including through the  
9           creation, restoration, or preservation of vege-  
10          tated areas using materials appropriate to the  
11          region to manage stormwater and runoff, to at-  
12          tenuate flooding and storm surges, and for  
13          other related purposes.”;

14          (4) by inserting after paragraph (23) (as so re-  
15          designated) the following:

16          “(24) RESILIENCE.—The term ‘resilience’, with  
17          respect to a project, means a project with the ability  
18          to anticipate, prepare for, or adapt to conditions or  
19          withstand, respond to, or recover rapidly from dis-  
20          ruptions, including the ability—

21                 “(A)(i) to resist hazards or withstand im-  
22                 pacts from weather events and natural disas-  
23                 ters; or

1 “(ii) to reduce the magnitude or duration  
2 of impacts of a disruptive weather event or nat-  
3 ural disaster on a project; and

4 “(B) to have the absorptive capacity,  
5 adaptive capacity, and recoverability to decrease  
6 project vulnerability to weather events or other  
7 natural disasters.”; and

8 (5) in subparagraph (A) of paragraph (32) (as  
9 so redesignated)—

10 (A) by striking the period at the end and  
11 inserting “; and”;

12 (B) by striking “through the implementa-  
13 tion” and inserting the following: “through—

14 “(i) the implementation”; and

15 (C) by adding at the end the following:

16 “(ii) the consideration of incor-  
17 porating natural infrastructure.”.

18 **SEC. 1104. APPORTIONMENT.**

19 (a) ADMINISTRATIVE EXPENSES.—Section 104(a)(1)  
20 of title 23, United States Code, is amended by striking  
21 subparagraphs (A) through (E) and inserting the fol-  
22 lowing:

23 “(A) \$490,964,697 for fiscal year 2022;

24 “(B) \$500,783,991 for fiscal year 2023;

25 “(C) \$510,799,671 for fiscal year 2024;

1                   “(D) \$521,015,664 for fiscal year 2025;

2                   and

3                   “(E) \$531,435,977 for fiscal year 2026.”.

4           (b) DIVISION AMONG PROGRAMS OF STATE  
5 SHARE.—Section 104(b) of title 23, United States Code,  
6 is amended in subsection (b)—

7                   (1) in the matter preceding paragraph (1), by  
8           inserting “the carbon reduction program under sec-  
9           tion 175, to carry out subsection (c) of the PRO-  
10           TECT program under section 176,” before “and to  
11           carry out section 134”;

12                   (2) in paragraph (1), by striking “63.7 per-  
13           cent” and inserting “59.0771195921461 percent”;

14                   (3) in paragraph (2), by striking “29.3 per-  
15           cent” and inserting “28.7402203421251 percent”;

16                   (4) in paragraph (3), by striking “7 percent”  
17           and inserting “6.70605141316253 percent”;

18                   (5) by striking paragraph (4) and inserting the  
19           following:

20                   “(4) CONGESTION MITIGATION AND AIR QUAL-  
21           ITY IMPROVEMENT PROGRAM.—

22                   “(A) IN GENERAL.—For the congestion  
23           mitigation and air quality improvement pro-  
24           gram, an amount determined for the State  
25           under subparagraphs (B) and (C).

1           “(B) TOTAL AMOUNT.—The total amount  
2           for the congestion mitigation and air quality  
3           improvement program for all States shall be—

4                   “(i) \$2,536,490,803 for fiscal year  
5                   2022;

6                   “(ii) \$2,587,220,620 for fiscal year  
7                   2023;

8                   “(iii) \$2,638,965,032 for fiscal year  
9                   2024;

10                   “(iv) \$2,691,744,332 for fiscal year  
11                   2025; and

12                   “(v) \$2,745,579,213 for fiscal year  
13                   2026.

14           “(C) STATE SHARE.—For each fiscal year,  
15           the Secretary shall distribute among the States  
16           the total amount for the congestion mitigation  
17           and air quality improvement program under  
18           subparagraph (B) so that each State receives  
19           an amount equal to the proportion that—

20                   “(i) the amount apportioned to the  
21                   State for the congestion mitigation and air  
22                   quality improvement program for fiscal  
23                   year 2020; bears to

1 “(ii) the total amount of funds appor-  
2 tioned to all States for that program for  
3 fiscal year 2020.”;

4 (6) in paragraph (5)—

5 (A) by striking subparagraph (B) and in-  
6 serting the following:

7 “(B) TOTAL AMOUNT.—The total amount  
8 set aside for the national highway freight pro-  
9 gram for all States shall be—

10 “(i) \$1,373,932,519 for fiscal year  
11 2022;

12 “(ii) \$1,401,411,169 for fiscal year  
13 2023;

14 “(iii) \$1,429,439,392 for fiscal year  
15 2024;

16 “(iv) \$1,458,028,180 for fiscal year  
17 2025; and

18 “(v) \$1,487,188,740 for fiscal year  
19 2026.”; and

20 (B) by striking subparagraph (D); and

21 (7) by striking paragraph (6) and inserting the  
22 following:

23 “(6) METROPOLITAN PLANNING.—

1           “(A) IN GENERAL.—To carry out section  
2           134, an amount determined for the State under  
3           subparagraphs (B) and (C).

4           “(B) TOTAL AMOUNT.—The total amount  
5           for metropolitan planning for all States shall  
6           be—

7                   “(i) \$ 438,121,139 for fiscal year  
8                   2022;

9                   “(ii) \$446,883,562 for fiscal year  
10                  2023;

11                  “(iii) \$455,821,233 for fiscal year  
12                  2024;

13                  “(iv) \$464,937,657 for fiscal year  
14                  2025; and

15                  “(v) \$474,236,409 for fiscal year  
16                  2026.

17           “(C) STATE SHARE.—For each fiscal year,  
18           the Secretary shall distribute among the States  
19           the total amount to carry out section 134 under  
20           subparagraph (B) so that each State receives  
21           an amount equal to the proportion that—

22                   “(i) the amount apportioned to the  
23                   State to carry out section 134 for fiscal  
24                   year 2020; bears to



1                   “(ii) the total amount of funds appor-  
2                   tioned to all States to carry out section  
3                   134 for fiscal year 2020.

4                   “(7) CARBON REDUCTION PROGRAM.—For the  
5                   carbon reduction program under section 175,  
6                   2.56266964565637 percent of the amount remaining  
7                   after distributing amounts under paragraphs (4),  
8                   (5), and (6).

9                   “(8) PROTECT FORMULA PROGRAM.—To  
10                  carry out subsection (c) of the PROTECT program  
11                  under section 176, 2.91393900690991 percent of  
12                  the amount remaining after distributing amounts  
13                  under paragraphs (4), (5), and (6).”.

14                  “(c) CALCULATION OF AMOUNTS.—Section 104(e) of  
15                  title 23, United States Code, is amended—

16                   (1) in paragraph (1)—

17                   (A) in the matter preceding subparagraph  
18                   (A), by striking “each of fiscal years 2016  
19                   through 2020” and inserting “fiscal year 2022  
20                   and each fiscal year thereafter”;

21                   (B) in subparagraph (A)—

22                   (i) by striking clause (i) and inserting  
23                   the following:

24                   “(i) the base apportionment; by”; and

1 (ii) in clause (ii)(I), by striking “fiscal  
2 year 2015” and inserting “fiscal year  
3 2021”; and

4 (C) by striking subparagraph (B) and in-  
5 serting the following:

6 “(B) GUARANTEED AMOUNTS.—The initial  
7 amounts resulting from the calculation under  
8 subparagraph (A) shall be adjusted to ensure  
9 that each State receives an aggregate appor-  
10 tionment that is—

11 “(i) equal to at least 95 percent of the  
12 estimated tax payments paid into the  
13 Highway Trust Fund (other than the Mass  
14 Transit Account) in the most recent fiscal  
15 year for which data are available that  
16 are—

17 “(I) attributable to highway  
18 users in the State; and

19 “(II) associated with taxes in ef-  
20 fect on July 1, 2019, and only up to  
21 the rate those taxes were in effect on  
22 that date;

23 “(ii) at least 2 percent greater than  
24 the apportionment that the State received  
25 for fiscal year 2021; and

1 “(iii) at least 1 percent greater than  
2 the apportionment that the State received  
3 for the previous fiscal year.”; and

4 (2) in paragraph (2)—

5 (A) by striking “fiscal years 2016 through  
6 2020” and inserting “fiscal year 2022 and each  
7 fiscal year thereafter”; and

8 (B) by inserting “the carbon reduction  
9 program under section 175, to carry out sub-  
10 section (c) of the PROTECT program under  
11 section 176,” before “and to carry out section  
12 134”.

13 (d) METROPOLITAN PLANNING.—Section  
14 104(d)(1)(A) of title 23, United States Code, is amended  
15 by striking “paragraphs (5)(D) and (6) of subsection (b)”  
16 each place it appears and inserting “subsection (b)(6)”.

17 (e) SUPPLEMENTAL FUNDS.—Section 104 of title 23,  
18 United States Code, is amended by striking subsection (h).

19 (f) BASE APPORTIONMENT DEFINED.—Section 104  
20 of title 23, United States Code, is amended—

21 (1) by redesignating subsection (i) as subsection  
22 (h); and

23 (2) in subsection (h) (as so redesignated)—

24 (A) by striking “means” in the matter pre-  
25 ceding paragraph (1) and all that follows

1 through “the combined amount” in paragraph  
2 (1) and inserting “means the combined  
3 amount”;

4 (B) by striking “and to carry out section  
5 134; minus” and inserting “the carbon reduc-  
6 tion program under section 175, to carry out  
7 subsection (c) of the PROTECT program under  
8 section 176, and to carry out section 134.”; and

9 (C) by striking paragraph (2).

10 **SEC. 1105. NATIONAL HIGHWAY PERFORMANCE PROGRAM.**

11 Section 119 of title 23, United States Code, is  
12 amended—

13 (1) in subsection (b)—

14 (A) in paragraph (2), by striking “and” at  
15 the end;

16 (B) in paragraph (3), by striking the pe-  
17 riod at the end and inserting “; and”; and

18 (C) by adding at the end the following:

19 “(4) to provide support for activities to increase  
20 the resiliency of the National Highway System to  
21 mitigate the cost of damages from sea level rise, ex-  
22 treme weather events, flooding, or other natural dis-  
23 asters.”;

24 (2) in subsection (d)(2), by adding at the end  
25 the following:

1           “(Q) Undergrounding public utility infra-  
2           structure carried out in conjunction with a  
3           project otherwise eligible under this section.

4           “(R) Resiliency improvements on the Na-  
5           tional Highway System, including protective  
6           features described in subsection (k)(2).

7           “(S) Implement activities to protect seg-  
8           ments of the National Highway System from  
9           cybersecurity threats.”;

10          (3) in subsection (e)(4)(D), by striking “anal-  
11          ysis” and inserting “analyses, both of which shall  
12          take into consideration extreme weather and resil-  
13          ience”; and

14          (4) by adding at the end the following:

15          “(k) PROTECTIVE FEATURES.—

16                 “(1) IN GENERAL.—A State may use not more  
17          than 15 percent of the funds apportioned to the  
18          State under section 104(b)(1) for each fiscal year  
19          for 1 or more protective features on a Federal-aid  
20          highway or bridge not on the National Highway Sys-  
21          tem, if the protective feature is designed to mitigate  
22          the risk of recurring damage or the cost of future  
23          repairs from extreme weather events, flooding, or  
24          other natural disasters.

1           “(2) PROTECTIVE FEATURES DESCRIBED.—A  
2 protective feature referred to in paragraph (1) in-  
3 cludes—

4           “(A) raising roadway grades;

5           “(B) relocating roadways in a base flood-  
6 plain to higher ground above projected flood  
7 elevation levels or away from slide prone areas;

8           “(C) stabilizing slide areas;

9           “(D) stabilizing slopes;

10           “(E) lengthening or raising bridges to in-  
11 crease waterway openings;

12           “(F) increasing the size or number of  
13 drainage structures;

14           “(G) replacing culverts with bridges or  
15 upsizing culverts;

16           “(H) installing seismic retrofits on bridges;

17           “(I) adding scour protection at bridges, in-  
18 stalling riprap, or adding other scour, stream  
19 stability, coastal, or other hydraulic counter-  
20 measures, including spur dikes; and

21           “(J) the use of natural infrastructure to  
22 mitigate the risk of recurring damage or the  
23 cost of future repair from extreme weather  
24 events, flooding, or other natural disasters.

1           “(3) SAVINGS PROVISION.—Nothing in this sub-  
2           section limits the ability of a State to carry out a  
3           project otherwise eligible under subsection (d) using  
4           funds apportioned under section 104(b)(1).”.

5 **SEC. 1106. EMERGENCY RELIEF.**

6           Section 125 of title 23, United States Code, is  
7           amended—

8           (1) in subsection (a)(1), by inserting “wildfire,”  
9           after “severe storm,”;

10           (2) by striking subsection (b) and inserting the  
11           following:

12           “(b) RESTRICTION ON ELIGIBILITY.—Funds under  
13           this section shall not be used for the repair or reconstruc-  
14           tion of a bridge that has been permanently closed to all  
15           vehicular traffic by the State or responsible local official  
16           because of imminent danger of collapse due to a structural  
17           deficiency or physical deterioration.”; and

18           (3) in subsection (d)—

19           (A) in paragraph (2)(A)—

20           (i) by striking the period at the end  
21           and inserting “; and”;

22           (ii) by striking “a facility that meets  
23           the current” and inserting the following:

24           “a facility that—

25           “(i) meets the current”; and

1 (iii) by adding at the end the fol-  
2 lowing:

3 “(ii) incorporates economically justifi-  
4 able improvements that will mitigate the  
5 risk of recurring damage from extreme  
6 weather, flooding, and other natural disas-  
7 ters.”;

8 (B) by redesignating paragraph (3) as  
9 paragraph (4); and

10 (C) by inserting after paragraph (2) the  
11 following:

12 “(3) PROTECTIVE FEATURES.—

13 “(A) IN GENERAL.—The cost of an im-  
14 provement that is part of a project under this  
15 section shall be an eligible expense under this  
16 section if the improvement is a protective fea-  
17 ture that will mitigate the risk of recurring  
18 damage or the cost of future repair from ex-  
19 treme weather, flooding, and other natural dis-  
20 asters.

21 “(B) PROTECTIVE FEATURES DE-  
22 SCRIBED.—A protective feature referred to in  
23 subparagraph (A) includes—

24 “(i) raising roadway grades;



1                   “(ii) relocating roadways in a flood-  
2 plain to higher ground above projected  
3 flood elevation levels or away from slide  
4 prone areas;  
5                   “(iii) stabilizing slide areas;  
6                   “(iv) stabilizing slopes;  
7                   “(v) lengthening or raising bridges to  
8 increase waterway openings;  
9                   “(vi) increasing the size or number of  
10 drainage structures;  
11                   “(vii) replacing culverts with bridges  
12 or upsizing culverts;  
13                   “(viii) installing seismic retrofits on  
14 bridges;  
15                   “(ix) adding scour protection at  
16 bridges, installing riprap, or adding other  
17 scour, stream stability, coastal, or other  
18 hydraulic countermeasures, including spur  
19 dikes; and  
20                   “(x) the use of natural infrastructure  
21 to mitigate the risk of recurring damage or  
22 the cost of future repair from extreme  
23 weather, flooding, and other natural disas-  
24 ters.”.

1 **SEC. 1107. FEDERAL SHARE PAYABLE.**

2 Section 120 of title 23, United States Code, is  
3 amended—

4 (1) in subsection (c)—

5 (A) in paragraph (1), in the first sentence,  
6 by inserting “vehicle-to-infrastructure commu-  
7 nication equipment,” after “breakaway utility  
8 poles,”;

9 (B) in subparagraph (3)(B)—

10 (i) in clause (v), by striking “or” at  
11 the end;

12 (ii) by redesignating clause (vi) as  
13 clause (vii); and

14 (iii) by inserting after clause (v) the  
15 following:

16 “(vi) contractual provisions that pro-  
17 vide safety contingency funds to incor-  
18 porate safety enhancements to work zones  
19 prior to or during roadway construction ac-  
20 tivities; or”; and

21 (C) by adding at the end the following:

22 “(4) POOLED FUNDING.—Notwithstanding any  
23 other provision of law, the Secretary may waive the  
24 non-Federal share of the cost of a project or activity  
25 under section 502(b)(6) that is carried out with

1 amounts apportioned under section 104(b)(2) after  
2 considering appropriate factors, including whether—

3 “(A) decreasing or eliminating the non-  
4 Federal share would best serve the interests of  
5 the Federal-aid highway program; and

6 “(B) the project or activity addresses na-  
7 tional or regional high priority research, devel-  
8 opment, and technology transfer problems in a  
9 manner that would benefit multiple States or  
10 metropolitan planning organizations.”;

11 (2) in subsection (e)—

12 (A) in paragraph (1), by striking “180  
13 days” and inserting “270 days”; and

14 (B) in paragraph (4), by striking “perma-  
15 nent”; and

16 (3) by adding at the end the following:

17 “(1) FEDERAL SHARE FLEXIBILITY PILOT PRO-  
18 GRAM.—

19 “(1) ESTABLISHMENT.—Not later than 180  
20 days after the date of enactment of the Infrastruc-  
21 ture Investment and Jobs Act, the Secretary shall  
22 establish a pilot program (referred to in this sub-  
23 section as the ‘pilot program’) to give States addi-  
24 tional flexibility with respect to the Federal require-  
25 ments under this section.

1 “(2) PROGRAM.—

2 “(A) IN GENERAL.—Notwithstanding any  
3 other provision of law, a State participating in  
4 the pilot program (referred to in this subsection  
5 as a ‘participating State’) may determine the  
6 Federal share on a project, multiple-project, or  
7 program basis for projects under any of the fol-  
8 lowing:

9 “(i) The national highway perform-  
10 ance program under section 119.

11 “(ii) The surface transportation block  
12 grant program under section 133.

13 “(iii) The highway safety improve-  
14 ment program under section 148.

15 “(iv) The congestion mitigation and  
16 air quality improvement program under  
17 section 149.

18 “(v) The national highway freight  
19 program under section 167.

20 “(vi) The carbon reduction program  
21 under section 175.

22 “(vii) Subsection (c) of the PRO-  
23 TECT program under section 176.

24 “(B) REQUIREMENTS.—

1           “(i) MAXIMUM FEDERAL SHARE.—  
2           Subject to clause (iii), the Federal share of  
3           the cost of an individual project carried out  
4           under a program described in subpara-  
5           graph (A) by a participating State and to  
6           which the participating State is applying  
7           the Federal share requirements under the  
8           pilot program may be up to 100 percent.

9           “(ii) MINIMUM FEDERAL SHARE.—No  
10          individual project carried out under a pro-  
11          gram described in subparagraph (A) by a  
12          participating State and to which the par-  
13          ticipating State is applying the Federal  
14          share requirements under the pilot pro-  
15          gram shall have a Federal share of 0 per-  
16          cent.

17          “(iii) DETERMINATION.—The average  
18          annual Federal share of the total cost of  
19          all projects authorized under a program  
20          described in subparagraph (A) to which a  
21          participating State is applying the Federal  
22          share requirements under the pilot pro-  
23          gram shall be not more than the average  
24          of the maximum Federal share of those

1 projects if those projects were not carried  
2 out under the pilot program.

3 “(C) SELECTION.—

4 “(i) APPLICATION.—A State seeking  
5 to be a participating State shall—

6 “(I) submit to the Secretary an  
7 application in such form, at such  
8 time, and containing such information  
9 as the Secretary may require; and

10 “(II) have in place adequate fi-  
11 nancial controls to allow the State to  
12 determine the average annual Federal  
13 share requirements under the pilot  
14 program.

15 “(ii) REQUIREMENT.—For each of fis-  
16 cal years 2022 through 2026, the Sec-  
17 retary shall select not more than 10 States  
18 to be participating States.”.

19 **SEC. 1108. RAILWAY-HIGHWAY GRADE CROSSINGS.**

20 (a) IN GENERAL.—Section 130(e) of title 23, United  
21 States Code, is amended—

22 (1) in the heading, by striking “PROTECTIVE  
23 DEVICES” and inserting “RAILWAY-HIGHWAY  
24 GRADE CROSSINGS”; and

25 (2) in paragraph (1)—

1 (A) in subparagraph (A), by striking “and  
2 the installation of protective devices at railway-  
3 highway crossings” in the matter preceding  
4 clause (i) and all that follows through “2020.”  
5 in clause (v) and inserting the following: “, the  
6 installation of protective devices at railway-  
7 highway crossings, the replacement of function-  
8 ally obsolete warning devices, and as described  
9 in subparagraph (B), not less than  
10 \$245,000,000 for each of fiscal years 2022  
11 through 2026.”; and

12 (B) by striking subparagraph (B) and in-  
13 serting the following:

14 “(B) REDUCING TRESPASSING FATALITIES  
15 AND INJURIES.—A State may use funds set  
16 aside under subparagraph (A) for projects to  
17 reduce pedestrian fatalities and injuries from  
18 trespassing at grade crossings.”.

19 (b) FEDERAL SHARE.—Section 130(f)(3) of title 23,  
20 United States Code, is amended by striking “90 percent”  
21 and inserting “100 percent”.

22 (c) INCENTIVE PAYMENTS FOR AT-GRADE CROSSING  
23 CLOSURES.—Section 130(i)(3)(B) of title 23, United  
24 States Code, is amended by striking “\$7,500” and insert-  
25 ing “\$100,000”.

1 (d) EXPENDITURE OF FUNDS.—Section 130(k) of  
2 title 23, United States Code, is amended by striking “2  
3 percent” and inserting “8 percent”.

4 (e) GAO STUDY.—Not later than 3 years after the  
5 date of enactment of this Act, the Comptroller General  
6 of the United States shall submit to Congress a report  
7 that includes an analysis of the effectiveness of the rail-  
8 way-highway crossings program under section 130 of title  
9 23, United States Code.

10 (f) SENSE OF CONGRESS RELATING TO TRESPASSER  
11 DEATHS ALONG RAILROAD RIGHTS-OF-WAY.—It is the  
12 sense of Congress that the Department should, where fea-  
13 sible, coordinate departmental efforts to prevent or reduce  
14 trespasser deaths along railroad rights-of-way and at or  
15 near railway-highway crossings.

16 **SEC. 1109. SURFACE TRANSPORTATION BLOCK GRANT PRO-**  
17 **GRAM.**

18 (a) IN GENERAL.—Section 133 of title 23, United  
19 States Code, is amended—

20 (1) in subsection (b)—

21 (A) in paragraph (1)—

22 (i) in subparagraph (B)—

23 (I) by adding “or” at the end;



1 (II) by striking “facilities eligi-  
2 ble” and inserting the following: “fa-  
3 cilities—

4 “(i) that are eligible”; and

5 (III) by adding at the end the  
6 following:

7 “(ii) that are privately or majority-  
8 privately owned, but that the Secretary de-  
9 termines provide a substantial public  
10 transportation benefit or otherwise meet  
11 the foremost needs of the surface transpor-  
12 tation system described in section  
13 101(b)(3)(D);”;

14 (ii) in subparagraph (E), by striking  
15 “and” at the end;

16 (iii) in subparagraph (F), by striking  
17 the period at the end and inserting “;  
18 and”; and

19 (iv) by adding at the end the fol-  
20 lowing:

21 “(G) wildlife crossing structures.”;

22 (B) in paragraph (3), by inserting  
23 “148(a)(4)(B)(xvii),” after “119(g);”;

24 (C) by redesignating paragraphs (4)  
25 through (15) as paragraphs (5), (6), (7), (8),

1 (9), (10), (11), (12), (13), (20), (21), and (22),  
2 respectively;

3 (D) in paragraph (5) (as so redesignated),  
4 by striking “railway-highway grade crossings”  
5 and inserting “projects eligible under section  
6 130 and installation of safety barriers and nets  
7 on bridges”;

8 (E) in paragraph (7) (as so redesignated)—  
9 nated)—

10 (i) by inserting “including the mainte-  
11 nance and restoration of existing rec-  
12 reational trails,” after “section 206”; and

13 (ii) by striking “the safe routes to  
14 school program under section 1404 of  
15 SAFETEA-LU (23 U.S.C. 402 note)” and  
16 inserting “the safe routes to school pro-  
17 gram under section 208”;

18 (F) by inserting after paragraph (13) (as  
19 so redesignated) the following:

20 “(14) Projects and strategies designed to re-  
21 duce the number of wildlife-vehicle collisions, includ-  
22 ing project-related planning, design, construction,  
23 monitoring, and preventative maintenance.

24 “(15) The installation of electric vehicle charg-  
25 ing infrastructure and vehicle-to-grid infrastructure.

1           “(16) The installation and deployment of cur-  
2           rent and emerging intelligent transportation tech-  
3           nologies, including the ability of vehicles to commu-  
4           nicate with infrastructure, buildings, and other road  
5           users.

6           “(17) Planning and construction of projects  
7           that facilitate intermodal connections between  
8           emerging transportation technologies, such as mag-  
9           netic levitation and hyperloop.

10           “(18) Protective features, including natural in-  
11           frastructure, to enhance the resilience of a transpor-  
12           tation facility otherwise eligible for assistance under  
13           this section.

14           “(19) Measures to protect a transportation fa-  
15           cility otherwise eligible for assistance under this sec-  
16           tion from cybersecurity threats.”; and

17                   (G) by adding at the end the following:

18           “(23) Rural barge landing, dock, and water-  
19           front infrastructure projects in accordance with sub-  
20           section (j).

21           “(24) Projects to enhance travel and tourism.”;

22           (2) in subsection (c)—

23                   (A) in paragraph (2), by striking “para-  
24                   graphs (4) through (11)” and inserting “para-  
25                   graphs (5) through (15) and paragraph (23)”;

1 (B) in paragraph (3), by striking “and” at  
2 the end;

3 (C) by redesignating paragraph (4) as  
4 paragraph (5); and

5 (D) by inserting after paragraph (3) the  
6 following:

7 “(4) for a bridge project for the replacement of  
8 a low water crossing (as defined by the Secretary)  
9 with a bridge; and”;

10 (3) in subsection (d)—

11 (A) in paragraph (1)—

12 (i) in the matter preceding subpara-  
13 graph (A), by striking “reservation” and  
14 inserting “set aside”; and

15 (ii) in subparagraph (A)—

16 (I) in the matter preceding clause  
17 (i), by striking “the percentage speci-  
18 fied in paragraph (6) for a fiscal  
19 year” and inserting “55 percent for  
20 each of fiscal years 2022 through  
21 2026”; and

22 (II) by striking clauses (ii) and  
23 (iii) and inserting the following:

24 “(ii) in urbanized areas of the State  
25 with an urbanized area population of not

1 less than 50,000 and not more than  
2 200,000;

3 “(iii) in urban areas of the State with  
4 a population not less than 5,000 and not  
5 more than 49,999; and

6 “(iv) in other areas of the State with  
7 a population less than 5,000; and”;

8 (B) by striking paragraph (3) and insert-  
9 ing the following:

10 “(3) LOCAL CONSULTATION.—

11 “(A) CONSULTATION WITH METROPOLITAN  
12 PLANNING ORGANIZATIONS.—For purposes of  
13 clause (ii) of paragraph (1)(A), a State shall—

14 “(i) establish a process to consult with  
15 all metropolitan planning organizations in  
16 the State that represent an urbanized area  
17 described in that clause; and

18 “(ii) describe how funds allocated for  
19 areas described in that clause will be allo-  
20 cated equitably among the applicable ur-  
21 banized areas during the period of fiscal  
22 years 2022 through 2026.

23 “(B) CONSULTATION WITH REGIONAL  
24 TRANSPORTATION PLANNING ORGANIZA-  
25 TIONS.—For purposes of clauses (iii) and (iv)

1 of paragraph (1)(A), before obligating funding  
2 attributed to an area with a population less  
3 than 50,000, a State shall consult with the re-  
4 gional transportation planning organizations  
5 that represent the area, if any.”; and

6 (C) by striking paragraph (6);

7 (4) in subsection (e)(1), in the matter preceding  
8 subparagraph (A), by striking “fiscal years 2016  
9 through 2020” and inserting “fiscal years 2022  
10 through 2026”;

11 (5) in subsection (f)—

12 (A) in paragraph (1)—

13 (i) by inserting “or low water crossing  
14 (as defined by the Secretary)” after “a  
15 highway bridge”; and

16 (ii) by inserting “or low water cross-  
17 ing (as defined by the Secretary)” after  
18 “other than a bridge”;

19 (B) in paragraph (2)(A)—

20 (i) by striking “activities described in  
21 subsection (b)(2) for off-system bridges”  
22 and inserting “activities described in para-  
23 graphs (1)(A) and (10) of subsection (b)  
24 for off-system bridges, projects and activi-  
25 ties described in subsection (b)(1)(A) for

1 the replacement of low water crossings  
2 with bridges, and projects and activities  
3 described in subsection (b)(10) for low  
4 water crossings (as defined by the Sec-  
5 retary),”; and

6 (ii) by striking “15 percent” and in-  
7 serting “20 percent”; and

8 (C) in paragraph (3), in the matter pre-  
9 ceding subparagraph (A)—

10 (i) by striking “bridge or rehabilita-  
11 tion of a bridge” and inserting “bridge, re-  
12 habilitation of a bridge, or replacement of  
13 a low water crossing (as defined by the  
14 Secretary) with a bridge”; and

15 (ii) by inserting “or, in the case of a  
16 replacement of a low water crossing with a  
17 bridge, is determined by the Secretary on  
18 completion to have improved the safety of  
19 the location” after “no longer a deficient  
20 bridge”;

21 (6) in subsection (g)—

22 (A) in the subsection heading, by striking  
23 “LESS THAN 5,000” and inserting “LESS  
24 THAN 50,000”; and

1 (B) by striking paragraph (1) and insert-  
2 ing the following:

3 “(1) IN GENERAL.—Notwithstanding subsection  
4 (c), and except as provided in paragraph (2), up to  
5 15 percent of the amounts required to be obligated  
6 by a State under clauses (iii) and (iv) of subsection  
7 (d)(1)(A) for each fiscal year may be obligated on—

8 “(A) roads functionally classified as rural  
9 minor collectors or local roads; or

10 “(B) on critical rural freight corridors des-  
11 ignated under section 167(e).”; and

12 (7) by adding at the end the following:

13 “(j) RURAL BARGE LANDING, DOCK, AND WATER-  
14 FRONT INFRASTRUCTURE PROJECTS.—

15 “(1) IN GENERAL.—A State may use not more  
16 than 5 percent of the funds apportioned to the State  
17 under section 104(b)(2) for eligible rural barge land-  
18 ing, dock, and waterfront infrastructure projects de-  
19 scribed in paragraph (2).

20 “(2) ELIGIBLE PROJECTS.—An eligible rural  
21 barge landing, dock, or waterfront infrastructure  
22 project referred to in paragraph (1) is a project for  
23 the planning, designing, engineering, or construction  
24 of a barge landing, dock, or other waterfront infra-  
25 structure in a rural community or a Native village



1 (as defined in section 3 of the Alaska Native Claims  
2 Settlement Act (43 U.S.C. 1602)) that is off the  
3 road system.

4 “(k) PROJECTS IN RURAL AREAS.—

5 “(1) SET ASIDE.—Notwithstanding subsection  
6 (c), in addition to the activities described in sub-  
7 sections (b) and (g), of the amounts apportioned to  
8 a State for each fiscal year to carry out this section,  
9 not more than 15 percent may be—

10 “(A) used on eligible projects under sub-  
11 section (b) or maintenance activities on roads  
12 functionally classified as rural minor collectors  
13 or local roads, ice roads, or seasonal roads; or

14 “(B) transferred to—

15 “(i) the Appalachian Highway System  
16 Program under 14501 of title 40; or

17 “(ii) the Denali access system pro-  
18 gram under section 309 of the Denali  
19 Commission Act of 1998 (42 U.S.C. 3121  
20 note; Public Law 105–277).

21 “(2) SAVINGS CLAUSE.—Amounts allocated  
22 under subsection (d) shall not be used to carry out  
23 this subsection, except at the request of the applica-  
24 ble metropolitan planning organization.”.

25 (b) SET-ASIDE.—

1           (1) IN GENERAL.—Section 133(h) of title 23,  
2           United States Code, is amended—

3                   (A) in paragraph (1)—

4                           (i) in the heading, by striking “RES-  
5                           ERVATION OF FUNDS” and inserting “IN  
6                           GENERAL”; and

7                           (ii) in the matter preceding subpara-  
8                           graph (A), by striking “for each fiscal  
9                           year” and all that follows through “and”  
10                          at the end of subparagraph (A)(ii) and in-  
11                          serting the following: “for fiscal year 2022  
12                          and each fiscal year thereafter—

13                          “(A) the Secretary shall set aside an  
14                          amount equal to 10 percent to carry out this  
15                          subsection; and”;

16                          (B) by striking paragraph (2) and insert-  
17                          ing the following:

18                          “(2) ALLOCATION WITHIN A STATE.—

19                           “(A) IN GENERAL.—Except as provided in  
20                           subparagraph (B), funds set aside for a State  
21                           under paragraph (1) shall be obligated within  
22                           that State in the manner described in sub-  
23                           section (d), except that, for purposes of this  
24                           paragraph (after funds are made available  
25                           under paragraph (5))—

1 “(i) for fiscal year 2022 and each fis-  
2 cal year thereafter, the percentage referred  
3 to in paragraph (1)(A) of that subsection  
4 shall be deemed to be 59 percent; and

5 “(ii) paragraph (3) of subsection (d)  
6 shall not apply.

7 “(B) LOCAL CONTROL.—A State may allo-  
8 cate up to 100 percent of the funds referred to  
9 in subparagraph (A)(i) if—

10 “(i) the State submits to the Sec-  
11 retary a plan that describes—

12 “(I) how funds will be allocated  
13 to counties, metropolitan planning or-  
14 ganizations, regional transportation  
15 planning organizations as described in  
16 section 135(m), or local governments;

17 “(II) how the entities described  
18 in subclause (I) will carry out a com-  
19 petitive process to select projects for  
20 funding and report selected projects  
21 to the State;

22 “(III) the legal, financial, and  
23 technical capacity of the entities de-  
24 scribed in subclause (I);

1                   “(IV) how input was gathered  
2                   from the entities described in sub-  
3                   clause (I) to ensure those entities will  
4                   be able to comply with the require-  
5                   ments of this subsection; and

6                   “(V) how the State will comply  
7                   with paragraph (8); and

8                   “(ii) the Secretary approves the plan  
9                   submitted under clause (i).”;

10                  (C) by striking paragraph (3) and insert-  
11                  ing the following:

12                  “(3) ELIGIBLE PROJECTS.—Funds set aside  
13                  under this subsection may be obligated for—

14                   “(A) projects or activities described in sec-  
15                   tion 101(a)(29) or 213, as those provisions  
16                   were in effect on the day before the date of en-  
17                   actment of the FAST Act (Public Law 114–94;  
18                   129 Stat. 1312);

19                   “(B) projects and activities under the safe  
20                   routes to school program under section 208;  
21                   and

22                   “(C) activities in furtherance of a vulner-  
23                   able road user safety assessment (as defined in  
24                   section 148(a)).”;

25                   (D) in paragraph (4)—

1 (i) by striking subparagraph (A);

2 (ii) by redesignating subparagraph

3 (B) as subparagraph (A);

4 (iii) in subparagraph (A) (as so redesi-  
5 gnated)—

6 (I) by redesignating clauses (vii)

7 and (viii) as clauses (viii) and (ix), re-

8 spectively;

9 (II) by inserting after clause (vi)

10 the following:

11 “(vii) a metropolitan planning organi-

12 zation that serves an urbanized area with

13 a population of 200,000 or fewer;”;

14 (III) in clause (viii) (as so redesi-

15 gnated), by striking “responsible”

16 and all that follows through “pro-

17 grams; and” and inserting a semi-

18 colon;

19 (IV) in clause (ix) (as so redesi-

20 gnated)—

21 (aa) by inserting “that

22 serves an urbanized area with a

23 population of over 200,000” after

24 “metropolitan planning organiza-

25 tion”; and

1 (bb) by striking the period  
2 at the end and inserting “; and”;  
3 and

4 (V) by adding at the end the fol-  
5 lowing:

6 “(x) a State, at the request of an enti-  
7 ty described in clauses (i) through (ix).”;  
8 and

9 (iv) by adding at the end the fol-  
10 lowing:

11 “(B) COMPETITIVE PROCESS.—A State or  
12 metropolitan planning organization required to  
13 obligate funds in accordance with paragraph (2)  
14 shall develop a competitive process to allow eli-  
15 gible entities to submit projects for funding  
16 that achieve the objectives of this subsection.

17 “(C) SELECTION.—A metropolitan plan-  
18 ning organization for an area described in sub-  
19 section (d)(1)(A)(i) shall select projects under  
20 the competitive process described in subpara-  
21 graph (B) in consultation with the relevant  
22 State.

23 “(D) PRIORITIZATION.—The competitive  
24 process described in subparagraph (B) shall in-  
25 clude prioritization of project location and im-

1 pact in high-need areas as defined by the State,  
2 such as low-income, transit-dependent, rural, or  
3 other areas.”;

4 (E) in paragraph (5)(A), by striking “re-  
5 served under this section” and inserting “set  
6 aside under this subsection”;

7 (F) in paragraph (6)—

8 (i) in subparagraph (B), by striking  
9 “reserved” and inserting “set aside”; and

10 (ii) by adding at the end the fol-  
11 lowing:

12 “(C) IMPROVING ACCESSIBILITY AND EFFI-  
13 CIENCY.—

14 “(i) IN GENERAL.—A State may use  
15 an amount equal to not more than 5 per-  
16 cent of the funds set aside for the State  
17 under this subsection, after allocating  
18 funds in accordance with paragraph  
19 (2)(A), to improve the ability of applicants  
20 to access funding for projects under this  
21 subsection in an efficient and expeditious  
22 manner by providing—

23 “(I) to applicants for projects  
24 under this subsection application as-  
25 sistance, technical assistance, and as-

1                   sistance in reducing the period of time  
2                   between the selection of the project  
3                   and the obligation of funds for the  
4                   project; and

5                   “(II) funding for 1 or more full-  
6                   time State employee positions to ad-  
7                   minister this subsection.

8                   “(ii) USE OF FUNDS.—Amounts used  
9                   under clause (i) may be expended—

10                   “(I) directly by the State; or

11                   “(II) through contracts with  
12                   State agencies, private entities, or  
13                   nonprofit entities.”;

14                   (G) by redesignating paragraph (7) as  
15                   paragraph (8);

16                   (H) by inserting after paragraph (6) the  
17                   following:

18                   “(7) FEDERAL SHARE.—

19                   “(A) REQUIRED AGGREGATE NON-FED-  
20                   ERAL SHARE.—The average annual non-Federal  
21                   share of the total cost of all projects for which  
22                   funds are obligated under this subsection in a  
23                   State for a fiscal year shall be not less than the  
24                   average non-Federal share of the cost of the  
25                   projects that would otherwise apply.



1           “(B) FLEXIBLE FINANCING.—Subject to  
2 subparagraph (A), notwithstanding section  
3 120—

4           “(i) funds made available to carry out  
5 section 148 may be credited toward the  
6 non-Federal share of the costs of a project  
7 under this subsection if the project—

8           “(I) is an eligible project de-  
9 scribed in section 148(e)(1); and

10           “(II) is consistent with the State  
11 strategic highway safety plan (as de-  
12 fined in section 148(a));

13           “(ii) the non-Federal share for a  
14 project under this subsection may be cal-  
15 culated on a project, multiple-project, or  
16 program basis; and

17           “(iii) the Federal share of the cost of  
18 an individual project in this section may be  
19 up to 100 percent.

20           “(C) REQUIREMENT.—Subparagraph (B)  
21 shall only apply to a State if the State has ade-  
22 quate financial controls, as certified by the Sec-  
23 retary, to account for the average annual non-  
24 Federal share under this paragraph.”; and

1 (I) in subparagraph (A) of paragraph (8)  
2 (as so redesignated)—

3 (i) in the matter preceding clause (i),  
4 by striking “describes” and inserting “in-  
5 cludes”; and

6 (ii) by striking clause (ii) and insert-  
7 ing the following:

8 “(ii) a list of each project selected for  
9 funding for each fiscal year, including, for  
10 each project—

11 “(I) the fiscal year during which  
12 the project was selected;

13 “(II) the fiscal year in which the  
14 project is anticipated to be funded;

15 “(III) the recipient;

16 “(IV) the location, including the  
17 congressional district;

18 “(V) the type;

19 “(VI) the cost; and

20 “(VII) a brief description.”.

21 (2) STATE TRANSFERABILITY.—Section  
22 126(b)(2) of title 23, United States Code, is amend-  
23 ed—

24 (A) by striking the period at the end and  
25 inserting “; and”;

1 (B) by striking “reserved for a State under  
2 section 133(h) for a fiscal year may” and in-  
3 serting the following: “set aside for a State  
4 under section 133(h) for a fiscal year—

5 “(A) may”; and

6 (C) by adding at the end the following:

7 “(B) may only be transferred if the Sec-  
8 retary certifies that the State—

9 “(i) held a competition in compliance  
10 with the guidance issued to carry out sec-  
11 tion 133(h) and provided sufficient time  
12 for applicants to apply;

13 “(ii) offered to each eligible entity,  
14 and provided on request of an eligible enti-  
15 ty, technical assistance; and

16 “(iii) demonstrates that there were  
17 not sufficiently suitable applications from  
18 eligible entities to use the funds to be  
19 transferred.”.

20 **SEC. 1110. NATIONALLY SIGNIFICANT FREIGHT AND HIGH-**  
21 **WAY PROJECTS.**

22 (a) IN GENERAL.—Section 117 of title 23, United  
23 States Code, is amended—

24 (1) in the section heading, by inserting  
25 “**multimodal**” before “**freight**”;

1 (2) in subsection (a)(2)—

2 (A) in subparagraph (A), by inserting “in  
3 and across rural and urban areas” after “peo-  
4 ple”;

5 (B) in subparagraph (C), by inserting “or  
6 freight” after “highway”;

7 (C) in subparagraph (E), by inserting “or  
8 freight” after “highway”; and

9 (D) in subparagraph (F), by inserting “,  
10 including highways that support movement of  
11 energy equipment” after “security”;

12 (3) in subsection (b), by adding at the end the  
13 following:

14 “(3) GRANT ADMINISTRATION.—The Secretary  
15 may—

16 “(A) retain not more than a total of 2 per-  
17 cent of the funds made available to carry out  
18 this section for the National Surface Transpor-  
19 tation and Innovative Finance Bureau to review  
20 applications for grants under this section; and

21 “(B) transfer portions of the funds re-  
22 tained under subparagraph (A) to the relevant  
23 Administrators to fund the award and oversight  
24 of grants provided under this section.”;

25 (4) in subsection (c)(1)—

1 (A) by redesignating subparagraph (H) as  
2 subparagraph (I); and

3 (B) by inserting after subparagraph (G)  
4 the following:

5 “(H) A multistate corridor organization.”;

6 (5) in subsection (d)—

7 (A) in paragraph (1)(A)—

8 (i) in clause (iii)(II), by striking “or”  
9 at the end;

10 (ii) in clause (iv), by striking “and” at  
11 the end; and

12 (iii) by adding at the end the fol-  
13 lowing:

14 “(v) a wildlife crossing project;

15 “(vi) a surface transportation infra-  
16 structure project that—

17 “(I) is located within the bound-  
18 aries of or functionally connected to  
19 an international border crossing area  
20 in the United States;

21 “(II) improves a transportation  
22 facility owned by a Federal, State, or  
23 local government entity; and

1                   “(III) increases throughput effi-  
2                   ciency of the border crossing described  
3                   in subclause (I), including—

4                               “(aa) a project to add lanes;

5                               “(bb) a project to add tech-  
6                   nology; and

7                               “(cc) other surface transpor-  
8                   tation improvements;

9                   “(vii) a project for a marine highway  
10                  corridor designated by the Secretary under  
11                  section 55601(c) of title 46 (including an  
12                  inland waterway corridor), if the Secretary  
13                  determines that the project—

14                               “(I) is functionally connected to  
15                  the National Highway Freight Net-  
16                  work; and

17                               “(II) is likely to reduce on-road  
18                  mobile source emissions; or

19                               “(viii) a highway, bridge, or freight  
20                  project carried out on the National  
21                  Multimodal Freight Network established  
22                  under section 70103 of title 49; and”;

23                  (B) in paragraph (2)(A), in the matter  
24                  preceding clause (i)—

1 (i) by striking “\$600,000,000” and  
2 inserting “30 percent”; and

3 (ii) by striking “fiscal years 2016  
4 through 2020, in the aggregate,” and in-  
5 serting “each of fiscal years 2022 through  
6 2026”;

7 (6) in subsection (e)—

8 (A) in paragraph (1), by striking “10 per-  
9 cent” and inserting “not less than 15 percent”;

10 (B) in paragraph (3)—

11 (i) in subparagraph (A), by striking  
12 “and” at the end;

13 (ii) in subparagraph (B), by striking  
14 the period at the end and inserting “;  
15 and”; and

16 (iii) by adding at the end the fol-  
17 lowing:

18 “(C) the effect of the proposed project on  
19 safety on freight corridors with significant haz-  
20 ards, such as high winds, heavy snowfall, flood-  
21 ing, rockslides, mudslides, wildfire, wildlife  
22 crossing onto the roadway, or steep grades.”;  
23 and

24 (C) by adding at the end the following:

1           “(4) REQUIREMENT.—Of the amounts reserved  
2           under paragraph (1), not less than 30 percent shall  
3           be used for projects in rural areas (as defined in  
4           subsection (i)(3)).”;

5           (7) in subsection (f)(2), by inserting “(including  
6           a project to replace or rehabilitate a culvert, or to  
7           reduce stormwater runoff for the purpose of improv-  
8           ing habitat for aquatic species)” after “environ-  
9           mental mitigation”;

10          (8) in subsection (h)—

11           (A) in paragraph (2), by striking “and” at  
12           the end;

13           (B) in paragraph (3), by striking the pe-  
14           riod at the end and inserting a semicolon; and

15           (C) by adding at the end the following:

16           “(4) enhancement of freight resilience to nat-  
17           ural hazards or disasters, including high winds,  
18           heavy snowfall, flooding, rockslides, mudslides, wild-  
19           fire, wildlife crossing onto the roadway, or steep  
20           grades;

21           “(5) whether the project will improve the  
22           shared transportation corridor of a multistate cor-  
23           ridor organization, if applicable; and



1           “(6) prioritizing projects located in States in  
2           which neither the State nor an eligible entity in that  
3           State has been awarded a grant under this section.”;

4           (9) in subsection (i)(2), by striking “other  
5           grants under this section” and inserting “grants  
6           under subsection (e)”;

7           (10) in subsection (j)—

8           (A) by striking the subsection designation  
9           and heading and all that follows through “The  
10           Federal share” in paragraph (1) and inserting  
11           the following:

12           “(j) FEDERAL ASSISTANCE.—

13           “(1) FEDERAL SHARE.—

14           “(A) IN GENERAL.—Except as provided in  
15           subparagraph (B) or for a grant under sub-  
16           section (q), the Federal share”;

17           (B) in paragraph (1), by adding at the end  
18           the following:

19           “(B) SMALL PROJECTS.—In the case of a  
20           project described in subsection (e)(1), the Fed-  
21           eral share of the cost of the project shall be 80  
22           percent.”; and

23           (C) in paragraph (2)—

24           (i) by striking “Federal assistance  
25           other” and inserting “Except for grants

1 under subsection (q), Federal assistance  
2 other”; and

3 (ii) by striking “except that the total  
4 Federal” and inserting the following: “ex-  
5 cept that—

6 “(A) for a State with a population density  
7 of not more than 80 persons per square mile of  
8 land area, based on the 2010 census, the max-  
9 imum share of the total Federal assistance pro-  
10 vided for a project receiving a grant under this  
11 section shall be the applicable share under sec-  
12 tion 120(b); and

13 “(B) for a State not described in subpara-  
14 graph (A), the total Federal”;

15 (11) by redesignating subsections (k) through  
16 (n) as subsections (l), (m), (n), and (p), respectively;

17 (12) by inserting after subsection (j) the fol-  
18 lowing:

19 “(k) EFFICIENT USE OF NON-FEDERAL FUNDS.—

20 “(1) IN GENERAL.—Notwithstanding any other  
21 provision of law and subject to approval by the Sec-  
22 retary under paragraph (2)(B), in the case of any  
23 grant for a project under this section, during the pe-  
24 riod beginning on the date on which the grant recipi-

1 ent is selected and ending on the date on which the  
2 grant agreement is signed—

3 “(A) the grant recipient may obligate and  
4 expend non-Federal funds with respect to the  
5 project for which the grant is provided; and

6 “(B) any non-Federal funds obligated or  
7 expended in accordance with subparagraph (A)  
8 shall be credited toward the non-Federal cost  
9 share for the project for which the grant is pro-  
10 vided.

11 “(2) REQUIREMENTS.—

12 “(A) APPLICATION.—In order to obligate  
13 and expend non-Federal funds under paragraph  
14 (1), the grant recipient shall submit to the Sec-  
15 retary a request to obligate and expend non-  
16 Federal funds under that paragraph, includ-  
17 ing—

18 “(i) a description of the activities the  
19 grant recipient intends to fund;

20 “(ii) a justification for advancing the  
21 activities described in clause (i), including  
22 an assessment of the effects to the project  
23 scope, schedule, and budget if the request  
24 is not approved; and

1                   “(iii) the level of risk of the activities  
2                   described in clause (i).

3                   “(B) APPROVAL.—The Secretary shall ap-  
4                   prove or disapprove each request submitted  
5                   under subparagraph (A).

6                   “(C) COMPLIANCE WITH APPLICABLE RE-  
7                   QUIREMENTS.—Any non-Federal funds obli-  
8                   gated or expended under paragraph (1) shall  
9                   comply with all applicable requirements, includ-  
10                  ing any requirements included in the grant  
11                  agreement.

12                  “(3) EFFECT.—The obligation or expenditure  
13                  of any non-Federal funds in accordance with this  
14                  subsection shall not—

15                  “(A) affect the signing of a grant agree-  
16                  ment or other applicable grant procedures with  
17                  respect to the applicable grant;

18                  “(B) create an obligation on the part of  
19                  the Federal Government to repay any non-Fed-  
20                  eral funds if the grant agreement is not signed;  
21                  or

22                  “(C) affect the ability of the recipient of  
23                  the grant to obligate or expend non-Federal  
24                  funds to meet the non-Federal cost share for

1 the project for which the grant is provided after  
2 the period described in paragraph (1).”;

3 (13) in subsection (n) (as so redesignated), by  
4 striking paragraph (1) and inserting the following:

5 “(1) IN GENERAL.—Not later than 60 days be-  
6 fore the date on which a grant is provided for a  
7 project under this section, the Secretary shall submit  
8 to the Committees on Commerce, Science, and  
9 Transportation and Environment and Public Works  
10 of the Senate and the Committee on Transportation  
11 and Infrastructure of the House of Representatives  
12 a report describing the proposed grant, including—

13 “(A) an evaluation and justification for the  
14 applicable project; and

15 “(B) a description of the amount of the  
16 proposed grant award.”;

17 (14) by inserting after subsection (n) (as so re-  
18 designated) the following:

19 “(o) APPLICANT NOTIFICATION.—

20 “(1) IN GENERAL.—Not later than 60 days  
21 after the date on which a grant recipient for a  
22 project under this section is selected, the Secretary  
23 shall provide to each eligible applicant not selected  
24 for that grant a written notification that the eligible  
25 applicant was not selected.

1           “(2) INCLUSION.—A written notification under  
2 paragraph (1) shall include an offer for a written or  
3 telephonic debrief by the Secretary that will pro-  
4 vide—

5           “(A) detail on the evaluation of the appli-  
6 cation of the eligible applicant; and

7           “(B) an explanation of and guidance on  
8 the reasons the application was not selected for  
9 a grant under this section.

10          “(3) RESPONSE.—

11           “(A) IN GENERAL.—Not later than 30  
12 days after the eligible applicant receives a writ-  
13 ten notification under paragraph (1), if the eli-  
14 gible applicant opts to receive a debrief de-  
15 scribed in paragraph (2), the eligible applicant  
16 shall notify the Secretary that the eligible appli-  
17 cant is requesting a debrief.

18           “(B) DEBRIEF.—If the eligible applicant  
19 submits a request for a debrief under subpara-  
20 graph (A), the Secretary shall provide the de-  
21 brief by not later than 60 days after the date  
22 on which the Secretary receives the request for  
23 a debrief.”; and

24          (15) by striking subsection (p) (as so redesign-  
25 nated) and inserting the following:

1 “(p) REPORTS.—

2 “(1) ANNUAL REPORT.—

3 “(A) IN GENERAL.—Notwithstanding any  
4 other provision of law, not later than 30 days  
5 after the date on which the Secretary selects a  
6 project for funding under this section, the Sec-  
7 retary shall submit to the Committee on Envi-  
8 ronment and Public Works of the Senate and  
9 the Committee on Transportation and Infra-  
10 structure of the House of Representatives a re-  
11 port that describes the reasons for selecting the  
12 project, based on any criteria established by the  
13 Secretary in accordance with this section.

14 “(B) INCLUSIONS.—The report submitted  
15 under subparagraph (A) shall specify each cri-  
16 terion established by the Secretary that the  
17 project meets.

18 “(C) AVAILABILITY.—The Secretary shall  
19 make available on the website of the Depart-  
20 ment of Transportation the report submitted  
21 under subparagraph (A).

22 “(D) APPLICABILITY.—This paragraph ap-  
23 plies to all projects described in subparagraph  
24 (A) that the Secretary selects on or after Octo-  
25 ber 1, 2021.

1 “(2) COMPTROLLER GENERAL.—

2 “(A) ASSESSMENT.—The Comptroller Gen-  
3 eral of the United States shall conduct an as-  
4 sessment of the establishment, solicitation, se-  
5 lection, and justification process with respect to  
6 the funding of projects under this section.

7 “(B) REPORT.—Not later than 1 year  
8 after the date of enactment of the Infrastruc-  
9 ture Investment and Jobs Act and annually  
10 thereafter, the Comptroller General of the  
11 United States shall submit to the Committee on  
12 Environment and Public Works of the Senate  
13 and the Committee on Transportation and In-  
14 frastructure of the House of Representatives a  
15 report that describes, for each project selected  
16 to receive funding under this section—

17 “(i) the process by which each project  
18 was selected;

19 “(ii) the factors that went into the se-  
20 lection of each project; and

21 “(iii) the justification for the selection  
22 of each project based on any criteria estab-  
23 lished by the Secretary in accordance with  
24 this section.



1           “(3) INSPECTOR GENERAL.—Not later than 1  
2           year after the date of enactment of the Infrastruc-  
3           ture Investment and Jobs Act and annually there-  
4           after, the Inspector General of the Department of  
5           Transportation shall—

6                   “(A) conduct an assessment of the estab-  
7                   lishment, solicitation, selection, and justification  
8                   process with respect to the funding of projects  
9                   under this section; and

10                   “(B) submit to the Committee on Environ-  
11                   ment and Public Works of the Senate and the  
12                   Committee on Transportation and Infrastruc-  
13                   ture of the House of Representatives a final re-  
14                   port that describes the findings of the Inspector  
15                   General of the Department of Transportation  
16                   with respect to the assessment conducted under  
17                   subparagraph (A).

18           “(q) STATE INCENTIVES PILOT PROGRAM.—

19                   “(1) ESTABLISHMENT.—There is established a  
20                   pilot program to award grants to eligible applicants  
21                   for projects eligible for grants under this section (re-  
22                   ferred to in this subsection as the ‘pilot program’).

23                   “(2) PRIORITY.—In awarding grants under the  
24                   pilot program, the Secretary shall give priority to an  
25                   application that offers a greater non-Federal share

1 of the cost of a project relative to other applications  
2 under the pilot program.

3 “(3) FEDERAL SHARE.—

4 “(A) IN GENERAL.—Notwithstanding any  
5 other provision of law, the Federal share of the  
6 cost of a project assisted with a grant under the  
7 pilot program may not exceed 50 percent.

8 “(B) NO FEDERAL INVOLVEMENT.—

9 “(i) IN GENERAL.—For grants award-  
10 ed under the pilot program, except as pro-  
11 vided in clause (ii), an eligible applicant  
12 may not use Federal assistance to satisfy  
13 the non-Federal share of the cost under  
14 subparagraph (A).

15 “(ii) EXCEPTION.—An eligible appli-  
16 cant may use funds from a secured loan  
17 (as defined in section 601(a)) to satisfy the  
18 non-Federal share of the cost under sub-  
19 paragraph (A) if the loan is repayable from  
20 non-Federal funds.

21 “(4) RESERVATION.—

22 “(A) IN GENERAL.—Of the amounts made  
23 available to provide grants under this section,  
24 the Secretary shall reserve for each fiscal year

1           \$150,000,000 to provide grants under the pilot  
2           program.

3           “(B) UNUTILIZED AMOUNTS.—In any fis-  
4           cal year during which applications under this  
5           subsection are insufficient to effect an award or  
6           allocation of the entire amount reserved under  
7           subparagraph (A), the Secretary shall use the  
8           unutilized amounts to provide other grants  
9           under this section.

10          “(5) SET-ASIDES.—

11           “(A) SMALL PROJECTS.—

12           “(i) IN GENERAL.—Of the amounts  
13           reserved under paragraph (4)(A), the Sec-  
14           retary shall reserve for each fiscal year not  
15           less than 10 percent for projects eligible  
16           for a grant under subsection (e).

17           “(ii) REQUIREMENT.—For a grant  
18           awarded from the amount reserved under  
19           clause (i)—

20           “(I) the requirements of sub-  
21           section (e) shall apply; and

22           “(II) the requirements of sub-  
23           section (g) shall not apply.

24          “(B) RURAL PROJECTS.—

1                   “(i) IN GENERAL.—Of the amounts  
2                   reserved under paragraph (4)(A), the Sec-  
3                   retary shall reserve for each fiscal year not  
4                   less than 25 percent for projects eligible  
5                   for a grant under subsection (i).

6                   “(ii) REQUIREMENT.—For a grant  
7                   awarded from the amount reserved under  
8                   clause (i), the requirements of subsection  
9                   (i) shall apply.

10                  “(6) REPORT TO CONGRESS.—Not later than 2  
11                  years after the date of enactment of this subsection,  
12                  the Secretary shall submit to the Committee on En-  
13                  vironment and Public Works and the Committee on  
14                  Commerce, Science, and Transportation of the Sen-  
15                  ate and the Committee on Transportation and Infra-  
16                  structure of the House of Representatives a report  
17                  that describes the administration of the pilot pro-  
18                  gram, including—

19                         “(A) the number, types, and locations of  
20                         eligible applicants that have applied for grants  
21                         under the pilot program;

22                         “(B) the number, types, and locations of  
23                         grant recipients under the pilot program;

24                         “(C) an assessment of whether implemen-  
25                         tation of the pilot program has incentivized eli-

1           gible applicants to offer a greater non-Federal  
2           share for grants under the pilot program; and

3                   “(D) any recommendations for modifica-  
4           tions to the pilot program.

5           “(r) MULTISTATE CORRIDOR ORGANIZATION DE-  
6 FINED.—For purposes of this section, the term ‘multistate  
7 corridor organization’ means an organization of a group  
8 of States developed through cooperative agreements, coalitions,  
9 tions, or other arrangements to promote regional cooperation,  
10 tion, planning, and shared project implementation for programs  
11 grams and projects to improve transportation system management  
12 and operations for a shared transportation corridor.  
13 ridor.

14           “(s) ADDITIONAL AUTHORIZATION OF APPROPRIATIONS.—In  
15 addition to amounts made available from the  
16 Highway Trust Fund, there are authorized to be appropriated  
17 to carry out this section, to remain available for  
18 a period of 3 fiscal years following the fiscal year for which  
19 the amounts are appropriated—

20                   “(1) \$1,000,000,000 for fiscal year 2022;

21                   “(2) \$1,100,000,000 for fiscal year 2023;

22                   “(3) \$1,200,000,000 for fiscal year 2024;

23                   “(4) \$1,300,000,000 for fiscal year 2025; and

24                   “(5) \$1,400,000,000 for fiscal year 2026.”.

1 (b) CLERICAL AMENDMENT.—The analysis for chap-  
2 ter 1 of title 23, United States Code, is amended by strik-  
3 ing the item relating to section 117 and inserting the fol-  
4 lowing:

“117. Nationally significant multimodal freight and highway projects.”.

5 (c) EFFICIENT USE OF NON-FEDERAL FUNDS.—

6 (1) IN GENERAL.—Notwithstanding any other  
7 provision of law, in the case of a grant described in  
8 paragraph (2), section 117(k) of title 23, United  
9 States Code, shall apply to the grant as if the grant  
10 was a grant provided under that section.

11 (2) GRANT DESCRIBED.—A grant referred to in  
12 paragraph (1) is a grant that is—

13 (A) provided under a competitive discre-  
14 tionary grant program administered by the  
15 Federal Highway Administration;

16 (B) for a project eligible under title 23,  
17 United States Code; and

18 (C) in an amount greater than \$5,000,000.

19 **SEC. 1111. HIGHWAY SAFETY IMPROVEMENT PROGRAM.**

20 (a) IN GENERAL.—Section 148 of title 23, United  
21 States Code, is amended—

22 (1) in subsection (a)—

23 (A) in paragraph (4)(B)—

24 (i) in clause (i), by inserting “that  
25 provides for the safety of all road users, as

1 appropriate, including a multimodal round-  
2 about” after “improvement”;

3 (ii) in clause (vi), by inserting “or a  
4 grade separation project” after “devices”;

5 (iii) by striking clause (viii) and in-  
6 sserting the following:

7 “(viii) Construction or installation of  
8 features, measures, and road designs to  
9 calm traffic and reduce vehicle speeds.”;

10 (iv) by striking clause (xxvi) and in-  
11 sserting the following:

12 “(xxvi) Installation or upgrades of  
13 traffic control devices for pedestrians and  
14 bicyclists, including pedestrian hybrid bea-  
15 cons and the addition of bicycle movement  
16 phases to traffic signals.”; and

17 (v) by striking clauses (xxvii) and  
18 (xxviii) and inserting the following:

19 “(xxvii) Roadway improvements that  
20 provide separation between pedestrians and  
21 motor vehicles or between bicyclists and  
22 motor vehicles, including medians, pedes-  
23 trian crossing islands, protected bike lanes,  
24 and protected intersection features.

1                   “(xxviii) A pedestrian security feature  
2                   designed to slow or stop a motor vehicle.

3                   “(xxix) A physical infrastructure safe-  
4                   ty project not described in clauses (i)  
5                   through (xxviii).”;

6                   (B) by redesignating paragraphs (9)  
7                   through (12) as paragraphs (10), (12), (13),  
8                   and (14), respectively;

9                   (C) by inserting after paragraph (8) the  
10                  following:

11                 “(9) SAFE SYSTEM APPROACH.—The term ‘safe  
12                 system approach’ means a roadway design—

13                 “(A) that emphasizes minimizing the risk  
14                 of injury or fatality to road users; and

15                 “(B) that—

16                 “(i) takes into consideration the possi-  
17                 bility and likelihood of human error;

18                 “(ii) accommodates human injury tol-  
19                 erance by taking into consideration likely  
20                 accident types, resulting impact forces, and  
21                 the ability of the human body to withstand  
22                 impact forces; and

23                 “(iii) takes into consideration vulner-  
24                 able road users.”;



1 (D) by inserting after paragraph (10) (as  
2 so redesignated) the following:

3 “(11) SPECIFIED SAFETY PROJECT.—

4 “(A) IN GENERAL.—The term ‘specified  
5 safety project’ means a project carried out for  
6 the purpose of safety under any other section of  
7 this title that is consistent with the State stra-  
8 tegic highway safety plan.

9 “(B) INCLUSION.—The term ‘specified  
10 safety project’ includes a project that—

11 “(i) promotes public awareness and  
12 informs the public regarding highway safe-  
13 ty matters (including safety for motorcy-  
14 clists, bicyclists, pedestrians, individuals  
15 with disabilities, and other road users);

16 “(ii) facilitates enforcement of traffic  
17 safety laws;

18 “(iii) provides infrastructure and in-  
19 frastructure-related equipment to support  
20 emergency services;

21 “(iv) conducts safety-related research  
22 to evaluate experimental safety counter-  
23 measures or equipment; or

1 “(v) supports safe routes to school  
2 noninfrastructure-related activities de-  
3 scribed in section 208(g)(2).”;

4 (E) in paragraph (13) (as so redesign-  
5 nated)—

6 (i) by redesignating subparagraphs  
7 (G), (H), and (I) as subparagraphs (H),  
8 (I), and (J), respectively; and

9 (ii) by inserting after subparagraph  
10 (F) the following;

11 “(G) includes a vulnerable road user safety  
12 assessment;”; and

13 (F) by adding at the end the following:

14 “(15) VULNERABLE ROAD USER.—The term  
15 ‘vulnerable road user’ means a nonmotorist—

16 “(A) with a fatality analysis reporting sys-  
17 tem person attribute code that is included in  
18 the definition of the term ‘number of non-mo-  
19 torized fatalities’ in section 490.205 of title 23,  
20 Code of Federal Regulations (or successor regu-  
21 lations); or

22 “(B) described in the term ‘number of  
23 non-motorized serious injuries’ in that section.

24 “(16) VULNERABLE ROAD USER SAFETY AS-  
25 SESSMENT.—The term ‘vulnerable road user safety

1 assessment’ means an assessment of the safety per-  
2 formance of the State with respect to vulnerable  
3 road users and the plan of the State to improve the  
4 safety of vulnerable road users as described in sub-  
5 section (1).”;

6 (2) in subsection (c)—

7 (A) in paragraph (1)(A), by striking “sub-  
8 sections (a)(11)” and inserting “subsections  
9 (a)(13)”; and

10 (B) in paragraph (2)—

11 (i) in subparagraph (A)(vi), by insert-  
12 ing “and to differentiate the safety data  
13 for vulnerable road users, including  
14 bicyclists, motorcycleists, and pedestrians,  
15 from other road users” after “crashes”;

16 (ii) in subparagraph (B)(i), by strik-  
17 ing “(including motorcycleists), bicyclists,  
18 pedestrians,” and inserting “, vulnerable  
19 road users (including motorcycleists,  
20 bicyclists, pedestrians),”; and

21 (iii) in subparagraph (D)—

22 (I) in clause (iv), by striking  
23 “and” at the end;

1 (II) in clause (v), by striking the  
2 semicolon at the end and inserting “;  
3 and”; and

4 (III) by adding at the end the  
5 following:

6 “(vi) improves the ability of the State  
7 to differentiate the fatalities and serious  
8 injuries of vulnerable road users, including  
9 bicyclists, motorcyclists, and pedestrians,  
10 from other road users;”;

11 (3) in subsection (d)(2)(B)(i), by striking “sub-  
12 section (a)(11)” and inserting “subsection (a)(13)”;

13 (4) in subsection (e), by adding at the end the  
14 following:

15 “(3) FLEXIBLE FUNDING FOR SPECIFIED SAFE-  
16 TY PROJECTS.—

17 “(A) IN GENERAL.—To advance the imple-  
18 mentation of a State strategic highway safety  
19 plan, a State may use not more than 10 percent  
20 of the amounts apportioned to the State under  
21 section 104(b)(3) for a fiscal year to carry out  
22 specified safety projects.

23 “(B) RULE OF CONSTRUCTION.—Nothing  
24 in this paragraph requires a State to revise any

1 State process, plan, or program in effect on the  
2 date of enactment of this paragraph.

3 “(C) EFFECT OF PARAGRAPH.—

4 “(i) REQUIREMENTS.—A project car-  
5 ried out under this paragraph shall be sub-  
6 ject to all requirements under this section  
7 that apply to a highway safety improve-  
8 ment project.

9 “(ii) OTHER APPORTIONED PRO-  
10 GRAMS.—Nothing in this paragraph pro-  
11 hibits the use of funds made available  
12 under other provisions of this title for a  
13 specified safety project that is a noninfra-  
14 structure project.”;

15 (5) in subsection (g), by adding at the end the  
16 following:

17 “(3) VULNERABLE ROAD USER SAFETY.—If the  
18 total annual fatalities of vulnerable road users in a  
19 State represents not less than 15 percent of the  
20 total annual crash fatalities in the State, that State  
21 shall be required to obligate not less than 15 percent  
22 of the amounts apportioned to the State under sec-  
23 tion 104(b)(3) for the following fiscal year for high-  
24 way safety improvement projects to address the safe-  
25 ty of vulnerable road users.”; and

1 (6) by adding at the end the following:

2 “(1) VULNERABLE ROAD USER SAFETY ASSESS-  
3 MENT.—

4 “(1) IN GENERAL.—Not later than 2 years  
5 after the date of enactment of this subsection, each  
6 State shall complete a vulnerable road user safety  
7 assessment.

8 “(2) CONTENTS.—A vulnerable road user safety  
9 assessment under paragraph (1) shall include—

10 “(A) a quantitative analysis of vulnerable  
11 road user fatalities and serious injuries that—

12 “(i) includes data such as location,  
13 roadway functional classification, design  
14 speed, speed limit, and time of day;

15 “(ii) considers the demographics of  
16 the locations of fatalities and serious inju-  
17 ries, including race, ethnicity, income, and  
18 age; and

19 “(iii) based on the data, identifies  
20 areas as ‘high-risk’ to vulnerable road  
21 users; and

22 “(B) a program of projects or strategies to  
23 reduce safety risks to vulnerable road users in  
24 areas identified as high-risk under subpara-  
25 graph (A)(iii).

1           “(3) USE OF DATA.—In carrying out a vulner-  
2           able road user safety assessment under paragraph  
3           (1), a State shall use data from the most recent 5-  
4           year period for which data is available.

5           “(4) REQUIREMENTS.—In carrying out a vul-  
6           nerable road user safety assessment under para-  
7           graph (1), a State shall—

8                   “(A) take into consideration a safe system  
9                   approach; and

10                   “(B) consult with local governments, met-  
11                   ropolitan planning organizations, and regional  
12                   transportation planning organizations that rep-  
13                   resent a high-risk area identified under para-  
14                   graph (2)(A)(iii).

15           “(5) UPDATE.—A State shall update the vul-  
16           nerable road user safety assessment of the State in  
17           accordance with the updates required to the State  
18           strategic highway safety plan under subsection (d).

19           “(6) REQUIREMENT FOR TRANSPORTATION SYS-  
20           TEM ACCESS.—The program of projects developed  
21           under paragraph (2)(B) may not degrade transpor-  
22           tation system access for vulnerable road users.

23           “(7) GUIDANCE.—

24                   “(A) IN GENERAL.—Not later than 1 year  
25                   after the date of enactment of this subsection,

1 the Secretary shall develop guidance for States  
2 to carry out this subsection.

3 “(B) CONSULTATION.—In developing the  
4 guidance under this paragraph, the Secretary  
5 shall consult with the States and relevant safety  
6 stakeholders.”.

7 (b) HIGH-RISK RURAL ROADS.—

8 (1) STUDY.—Not later than 2 years after the  
9 date of enactment of this Act, the Secretary shall  
10 update the study under section 1112(b)(1) of MAP–  
11 21 (23 U.S.C. 148 note; Public Law 112–141).

12 (2) PUBLICATION OF REPORT.—Not later than  
13 2 years after the date of enactment of this Act, the  
14 Secretary shall publish on the website of the Depart-  
15 ment of Transportation an update to the report de-  
16 scribed in section 1112(b)(2) of MAP–21 (23 U.S.C.  
17 148 note; Public Law 112–141).

18 (3) BEST PRACTICES MANUAL.—Not later than  
19 180 days after the date on which the report is pub-  
20 lished under paragraph (2), the Secretary shall up-  
21 date the best practices manual described in section  
22 1112(b)(3) of MAP–21 (23 U.S.C. 148 note; Public  
23 Law 112–141).



1 **SEC. 1112. FEDERAL LANDS TRANSPORTATION PROGRAM.**

2 Section 203(a) of title 23, United States Code, is  
3 amended—

4 (1) in paragraph (1)(D), by striking  
5 “\$10,000,000” and inserting “\$20,000,000”; and

6 (2) by adding at the end the following:

7 “(6) NATIVE PLANT MATERIALS.—In carrying  
8 out an activity described in paragraph (1), the entity  
9 carrying out the activity shall consider, to the max-  
10 imum extent practicable—

11 “(A) the use of locally adapted native plant  
12 materials; and

13 “(B) designs that minimize runoff and  
14 heat generation.”.

15 **SEC. 1113. FEDERAL LANDS ACCESS PROGRAM.**

16 (a) FEDERAL SHARE.—Section 201 of title 23,  
17 United States Code, is amended—

18 (1) in subsection (b)(7)(B), by striking “deter-  
19 mined in accordance with section 120”, and insert-  
20 ing “be up to 100 percent”; and

21 (2) in subsection (c)(8)(A), by striking “5 per-  
22 cent” and inserting “20 percent”.

23 (b) FEDERAL LANDS ACCESS PROGRAM.—Section  
24 204(a) of title 23, United States Code, is amended—

25 (1) in paragraph (1)(A)—

1 (A) in the matter preceding clause (i), by  
2 inserting “context-sensitive solutions,” after  
3 “restoration,”;

4 (B) in clause (i), by inserting “, including  
5 interpretive panels in or adjacent to those  
6 areas” after “areas”;

7 (C) in clause (v), by striking “and” at the  
8 end;

9 (D) by redesignating clause (vi) as clause  
10 (ix); and

11 (E) by inserting after clause (v) the fol-  
12 lowing:

13 “(vi) contextual wayfinding markers;

14 “(vii) landscaping;

15 “(viii) cooperative mitigation of visual  
16 blight, including screening or removal;  
17 and”;

18 (2) by adding at the end the following:

19 “(6) NATIVE PLANT MATERIALS.—In carrying  
20 out an activity described in paragraph (1), the Sec-  
21 retary shall ensure that the entity carrying out the  
22 activity considers, to the maximum extent prac-  
23 ticable—

24 “(A) the use of locally adapted native plant  
25 materials; and

1                   “(B) designs that minimize runoff and  
2                   heat generation.”.

3 **SEC. 1114. NATIONAL HIGHWAY FREIGHT PROGRAM.**

4           Section 167 of title 23, United States Code, is  
5 amended—

6           (1) in subsection (e)—

7                   (A) in paragraph (2), by striking “150  
8                   miles” and inserting “300 miles”; and

9                   (B) by adding at the end the following:

10           “(3) RURAL STATES.—Notwithstanding para-  
11           graph (2), a State with a population per square mile  
12           of area that is less than the national average, based  
13           on the 2010 census, may designate as critical rural  
14           freight corridors a maximum of 600 miles of high-  
15           way or 25 percent of the primary highway freight  
16           system mileage in the State, whichever is greater.”;

17           (2) in subsection (f)(4), by striking “75 miles”  
18           and inserting “150 miles”; and

19           (3) in subsection (i)(5)(B)—

20                   (A) in the matter preceding clause (i), by  
21                   striking “10 percent” and inserting “30 per-  
22                   cent”;

23                   (B) in clause (i), by striking “and” at the  
24                   end;

1 (C) in clause (ii), by striking the period at  
2 the end and inserting a semicolon; and

3 (D) by adding at the end the following:

4 “(iii) for the modernization or reha-  
5 bilitation of a lock and dam, if the Sec-  
6 retary determines that the project—

7 “(I) is functionally connected to  
8 the National Highway Freight Net-  
9 work; and

10 “(II) is likely to reduce on-road  
11 mobile source emissions; and

12 “(iv) on a marine highway corridor,  
13 connector, or crossing designated by the  
14 Secretary under section 55601(c) of title  
15 46 (including an inland waterway corridor,  
16 connector, or crossing), if the Secretary de-  
17 termines that the project—

18 “(I) is functionally connected to  
19 the National Highway Freight Net-  
20 work; and

21 “(II) is likely to reduce on-road  
22 mobile source emissions.”.

1 **SEC. 1115. CONGESTION MITIGATION AND AIR QUALITY IM-**  
2 **PROVEMENT PROGRAM.**

3 Section 149 of title 23, United States Code, is  
4 amended—

5 (1) in subsection (b)—

6 (A) in the matter preceding paragraph (1),  
7 by striking “subsection (d)” and inserting “sub-  
8 sections (d) and (m)(1)(B)(ii)”

9 (B) in paragraph (7), by inserting “shared  
10 micromobility (including bikesharing and shared  
11 scooter systems),” after “carsharing,”;

12 (C) in paragraph (8)—

13 (i) in subparagraph (A)—

14 (I) in the matter preceding clause  
15 (i), by inserting “replacements or” be-  
16 fore “retrofits”;

17 (II) by striking clause (i) and in-  
18 serting the following:

19 “(i) verified technologies (as defined  
20 in section 791 of the Energy Policy Act of  
21 2005 (42 U.S.C. 16131)) for motor vehi-  
22 cles (as defined in section 216 of the Clean  
23 Air Act (42 U.S.C. 7550)); or”; and

24 (III) in clause (ii)(II), by striking  
25 “or” at the end; and

1 (ii) in subparagraph (B), by inserting

2 “replacements or” before “retrofits”; and

3 (iii) by adding at the end the fol-

4 lowing:

5 “(C) the purchase of medium- or heavy-

6 duty zero emission vehicles and related charging

7 equipment;”;

8 (D) in paragraph (9), by striking the pe-

9 riod at the end and inserting a semicolon; and

10 (E) by adding at the end the following:

11 “(10) if the project is for the modernization or

12 rehabilitation of a lock and dam that—

13 “(A) is functionally connected to the Fed-

14 eral-aid highway system; and

15 “(B) the Secretary determines is likely to

16 contribute to the attainment or maintenance of

17 a national ambient air quality standard; or

18 “(11) if the project is on a marine highway cor-

19 ridor, connector, or crossing designated by the Sec-

20 retary under section 55601(e) of title 46 (including

21 an inland waterway corridor, connector, or crossing)

22 that—

23 “(A) is functionally connected to the Fed-

24 eral-aid highway system; and

1           “(B) the Secretary determines is likely to  
2           contribute to the attainment or maintenance of  
3           a national ambient air quality standard.”;

4           (2) in subsection (c), by adding at the end the  
5           following:

6           “(4) LOCKS AND DAMS; MARINE HIGHWAYS.—  
7           For each fiscal year, a State may not obligate more  
8           than 10 percent of the funds apportioned to the  
9           State under section 104(b)(4) for projects described  
10          in paragraphs (10) and (11) of subsection (b).”;

11          (3) in subsection (f)(4)(A), by inserting “and  
12          nonroad vehicles and nonroad engines used in con-  
13          struction projects or port-related freight operations”  
14          after “motor vehicles”;

15          (4) in subsection (g)—

16                 (A) in paragraph (1)(B)—

17                         (i) in the subparagraph heading, by  
18                         inserting “REPLACEMENT OR” before  
19                         “RETROFIT”;

20                         (ii) by striking “The term ‘diesel ret-  
21                         rofit’” and inserting “The term ‘diesel re-  
22                         placement or retrofit’”; and

23                         (iii) by inserting “or retrofit” after  
24                         “replacement”;

1 (B) in paragraph (2), in the matter pre-  
2 ceding subparagraph (A), by inserting “replac-  
3 ment or” before “retrofit”; and

4 (C) in paragraph (3), by inserting “re-  
5 placements or” before “retrofits”;

6 (5) in subsection (k)(1), by striking “that re-  
7 duce such fine particulate matter emissions in such  
8 area, including diesel retrofits.” and inserting  
9 “that—

10 “(A) reduce such fine particulate matter  
11 emissions in such area, including diesel replace-  
12 ments or retrofits; and

13 “(B) to the extent practicable, prioritize  
14 benefits to minority populations or low-income  
15 populations living in, or immediately adjacent  
16 to, such area.”;

17 (6) in subsection (l), by adding at the following:

18 “(3) ASSISTANCE TO METROPOLITAN PLANNING  
19 ORGANIZATIONS.—

20 “(A) IN GENERAL.—On the request of a  
21 metropolitan planning organization, the Sec-  
22 retary may assist the metropolitan planning or-  
23 ganization tracking progress made in minority  
24 or low-income populations as part of a perform-  
25 ance plan under this subsection.



1           “(B) SAVINGS PROVISION.—Nothing in  
2 this paragraph provides the Secretary the au-  
3 thority—

4           “(i) to change the performance meas-  
5 ures under section 150(c)(5) or the per-  
6 formance targets established under section  
7 134(h)(2) or 150(d); or

8           “(ii) to establish any other Federal re-  
9 quirement.”; and

10           (7) by striking subsection (m) and inserting the  
11 following:

12           “(m) OPERATING ASSISTANCE.—

13           “(1) IN GENERAL.—A State may obligate funds  
14 apportioned under section 104(b)(4) in an area of  
15 the State that is otherwise eligible for obligations of  
16 such funds for operating costs—

17           “(A) under chapter 53 of title 49; or

18           “(B) on—

19           “(i) a system for which CMAQ fund-  
20 ing was eligible, made available, obligated,  
21 or expended in fiscal year 2012; or

22           “(ii) a State-supported Amtrak route  
23 with a valid cost-sharing agreement under  
24 section 209 of the Passenger Rail Invest-  
25 ment and Improvement Act of 2008 (49

1 U.S.C. 24101 note; Public Law 110–432)  
2 and no current nonattainment areas under  
3 subsection (d).

4 “(2) NO TIME LIMITATION.—Operating assist-  
5 ance provided under paragraph (1) shall have no im-  
6 posed time limitation if the operating assistance is  
7 for—

8 “(A) a route described in subparagraph  
9 (B) of that paragraph; or

10 “(B) a transit system that is located in—

11 “(i) a non-urbanized area; or

12 “(ii) an urbanized area with a popu-  
13 lation of 200,000 or fewer.”.

14 **SEC. 1116. ALASKA HIGHWAY.**

15 Section 218 of title 23, United States Code, is  
16 amended to read as follows:

17 **“§ 218. Alaska Highway**

18 “(a) Recognizing the benefits that will accrue to the  
19 State of Alaska and to the United States from the recon-  
20 struction of the Alaska Highway from the Alaskan border  
21 at Beaver Creek, Yukon Territory, to Haines Junction in  
22 Canada and the Haines Cutoff Highway from Haines  
23 Junction in Canada to Haines, Alaska, the Secretary may  
24 provide for the necessary reconstruction of the highway  
25 using funds awarded through an applicable competitive

1 grant program, if the highway meets all applicable eligi-  
2 bility requirements for the program, except for the specific  
3 requirements established by the agreement for the Alaska  
4 Highway Project between the Government of the United  
5 States and the Government of Canada. In addition to the  
6 funds described in the previous sentence, notwithstanding  
7 any other provision of law and on agreement with the  
8 State of Alaska, the Secretary is authorized to expend on  
9 such highway or the Alaska Marine Highway System any  
10 Federal-aid highway funds apportioned to the State of  
11 Alaska under this title at a Federal share of 100 per cen-  
12 tum. No expenditures shall be made for the construction  
13 of the portion of such highways that are in Canada unless  
14 an agreement is in place between the Government of Can-  
15 ada and the Government of the United States (including  
16 an agreement in existence on the date of enactment of the  
17 Infrastructure Investment and Jobs Act) that provides, in  
18 part, that the Canadian Government—

19           “(1) will provide, without participation of funds  
20           authorized under this title, all necessary right-of-way  
21           for the reconstruction of such highways;

22           “(2) will not impose any highway toll, or permit  
23           any such toll to be charged for the use of such high-  
24           ways by vehicles or persons;

1           “(3) will not levy or assess, directly or indi-  
2           rectly, any fee, tax, or other charge for the use of  
3           such highways by vehicles or persons from the  
4           United States that does not apply equally to vehicles  
5           or persons of Canada;

6           “(4) will continue to grant reciprocal recogni-  
7           tion of vehicle registration and driver’s licenses in  
8           accordance with agreements between the United  
9           States and Canada; and

10           “(5) will maintain such highways after their  
11           completion in proper condition adequately to serve  
12           the needs of present and future traffic.

13           “(b) The survey and construction work undertaken  
14           in Canada pursuant to this section shall be under the gen-  
15           eral supervision of the Secretary.

16           “(c) For purposes of this section, the term ‘Alaska  
17           Marine Highway System’ includes all existing or planned  
18           transportation facilities and equipment in Alaska, includ-  
19           ing the lease, purchase, or construction of vessels, termi-  
20           nals, docks, floats, ramps, staging areas, parking lots,  
21           bridges and approaches thereto, and necessary roads.

22           “(d) Notwithstanding any other provision of law, a  
23           project assisted under this section shall be treated as a  
24           project on a Federal-aid highway under chapter 1.”.

1 **SEC. 1117. TOLL ROADS, BRIDGES, TUNNELS, AND FERRIES.**

2 (a) IN GENERAL.—Section 129(c) of title 23, United  
3 States Code, is amended in the matter preceding para-  
4 graph (1) by striking “the construction of ferry boats and  
5 ferry terminal facilities, whether toll or free,” and insert-  
6 ing “the construction of ferry boats and ferry terminal fa-  
7 cilities (including ferry maintenance facilities), whether  
8 toll or free, and the procurement of transit vehicles used  
9 exclusively as an integral part of an intermodal ferry  
10 trip,”.

11 (b) DIESEL FUEL FERRY VESSELS.—

12 (1) IN GENERAL.—Notwithstanding section  
13 147(b), in the case of a project to replace or retrofit  
14 a diesel fuel ferry vessel that provides substantial  
15 emissions reductions, the Federal share of the cost  
16 of the project may be up to 85 percent, as deter-  
17 mined by the State.

18 (2) SUNSET.—The authority provided by para-  
19 graph (1) shall terminate on September 30, 2025.

20 **SEC. 1118. BRIDGE INVESTMENT PROGRAM.**

21 (a) IN GENERAL.—Chapter 1 of title 23, United  
22 States Code, is amended by inserting after section 123 the  
23 following:

24 **“§ 124. Bridge investment program**

25 “(a) DEFINITIONS.—In this section:

26 “(1) ELIGIBLE PROJECT.—

1           “(A) IN GENERAL.—The term ‘eligible  
2 project’ means a project to replace, rehabilitate,  
3 preserve, or protect 1 or more bridges on the  
4 National Bridge Inventory under section  
5 144(b).

6           “(B) INCLUSIONS.—The term ‘eligible  
7 project’ includes—

8           “(i) a bundle of projects described in  
9 subparagraph (A), regardless of whether  
10 the bundle of projects meets the require-  
11 ments of section 144(j)(5); and

12           “(ii) a project to replace or rehabili-  
13 tate culverts for the purpose of improving  
14 flood control and improved habitat  
15 connectivity for aquatic species.

16           “(2) LARGE PROJECT.—The term ‘large  
17 project’ means an eligible project with total eligible  
18 project costs of greater than \$100,000,000.

19           “(3) PROGRAM.—The term ‘program’ means  
20 the bridge investment program established by sub-  
21 section (b)(1).

22           “(b) ESTABLISHMENT OF BRIDGE INVESTMENT PRO-  
23 GRAM.—

1           “(1) IN GENERAL.—There is established a  
2 bridge investment program to provide financial as-  
3 sistance for eligible projects under this section.

4           “(2) GOALS.—The goals of the program shall  
5 be—

6                   “(A) to improve the safety, efficiency, and  
7 reliability of the movement of people and freight  
8 over bridges;

9                   “(B) to improve the condition of bridges in  
10 the United States by reducing—

11                           “(i) the number of bridges—

12                                   “(I) in poor condition; or

13                                   “(II) in fair condition and at risk  
14 of falling into poor condition within  
15 the next 3 years;

16                           “(ii) the total person miles traveled  
17 over bridges—

18                                   “(I) in poor condition; or

19                                   “(II) in fair condition and at risk  
20 of falling into poor condition within  
21 the next 3 years;

22                           “(iii) the number of bridges that—

23                                   “(I) do not meet current geo-  
24 metric design standards; or

1                   “(II) cannot meet the load and  
2                   traffic requirements typical of the re-  
3                   gional transportation network; and

4                   “(iv) the total person miles traveled  
5                   over bridges that—

6                   “(I) do not meet current geo-  
7                   metric design standards; or

8                   “(II) cannot meet the load and  
9                   traffic requirements typical of the re-  
10                  gional transportation network; and

11                  “(C) to provide financial assistance that  
12                  leverages and encourages non-Federal contribu-  
13                  tions from sponsors and stakeholders involved  
14                  in the planning, design, and construction of eli-  
15                  gible projects.

16                  “(c) GRANT AUTHORITY.—

17                  “(1) IN GENERAL.—In carrying out the pro-  
18                  gram, the Secretary may award grants, on a com-  
19                  petitive basis, in accordance with this section.

20                  “(2) GRANT AMOUNTS.—Except as otherwise  
21                  provided, a grant under the program shall be—

22                  “(A) in the case of a large project, in an  
23                  amount that is—



1 “(i) adequate to fully fund the project  
2 (in combination with other financial re-  
3 sources identified in the application); and

4 “(ii) not less than \$50,000,000; and

5 “(B) in the case of any other eligible  
6 project, in an amount that is—

7 “(i) adequate to fully fund the project  
8 (in combination with other financial re-  
9 sources identified in the application); and

10 “(ii) not less than \$2,500,000.

11 “(3) MAXIMUM AMOUNT.—Except as otherwise  
12 provided, for an eligible project receiving assistance  
13 under the program, the amount of assistance pro-  
14 vided by the Secretary under this section, as a share  
15 of eligible project costs, shall be—

16 “(A) in the case of a large project, not  
17 more than 50 percent; and

18 “(B) in the case of any other eligible  
19 project, not more than 80 percent.

20 “(4) FEDERAL SHARE.—

21 “(A) MAXIMUM FEDERAL INVOLVE-  
22 MENT.—Federal assistance other than a grant  
23 under the program may be used to satisfy the  
24 non-Federal share of the cost of a project for  
25 which a grant is made, except that the total

1 Federal assistance provided for a project receiv-  
2 ing a grant under the program may not exceed  
3 the Federal share for the project under section  
4 120.

5 “(B) OFF-SYSTEM BRIDGES.—In the case  
6 of an eligible project for an off-system bridge  
7 (as defined in section 133(f)(1))—

8 “(i) Federal assistance other than a  
9 grant under the program may be used to  
10 satisfy the non-Federal share of the cost of  
11 a project; and

12 “(ii) notwithstanding subparagraph  
13 (A), the total Federal assistance provided  
14 for the project shall not exceed 90 percent  
15 of the total eligible project costs.

16 “(C) FEDERAL LAND MANAGEMENT AGEN-  
17 CIES AND TRIBAL GOVERNMENTS.—Notwith-  
18 standing any other provision of law, Federal  
19 funds other than Federal funds made available  
20 under this section may be used to pay the re-  
21 maining share of the cost of a project under the  
22 program by a Federal land management agency  
23 or a Tribal government or consortium of Tribal  
24 governments.

25 “(5) CONSIDERATIONS.—

1           “(A) IN GENERAL.—In awarding grants  
2 under the program, the Secretary shall con-  
3 sider—

4           “(i) in the case of a large project, the  
5 ratings assigned under subsection  
6 (g)(5)(A);

7           “(ii) in the case of an eligible project  
8 other than a large project, the quality rat-  
9 ing assigned under subsection (f)(3)(A)(ii);

10           “(iii) the average daily person and  
11 freight throughput supported by the eligi-  
12 ble project;

13           “(iv) the number and percentage of  
14 bridges within the same State as the eligi-  
15 ble project that are in poor condition;

16           “(v) the extent to which the eligible  
17 project demonstrates cost savings by bun-  
18 dling multiple bridge projects;

19           “(vi) in the case of an eligible project  
20 of a Federal land management agency, the  
21 extent to which the grant would reduce a  
22 Federal liability or Federal infrastructure  
23 maintenance backlog;

24           “(vii) geographic diversity among  
25 grant recipients, including the need for a

1 balance between the needs of rural and  
2 urban communities; and

3 “(viii) the extent to which a bridge  
4 that would be assisted with a grant—

5 “(I) is, without that assistance—

6 “(aa) at risk of falling into  
7 or remaining in poor condition;  
8 or

9 “(bb) in fair condition and  
10 at risk of falling into poor condi-  
11 tion within the next 3 years;

12 “(II) does not meet current geo-  
13 metric design standards based on—

14 “(aa) the current use of the  
15 bridge; or

16 “(bb) load and traffic re-  
17 quirements typical of the regional  
18 corridor or local network in  
19 which the bridge is located; or

20 “(III) does not meet current seis-  
21 mic design standards.

22 “(B) REQUIREMENT.—The Secretary  
23 shall—

1 “(i) give priority to an application for  
2 an eligible project that is located within a  
3 State for which—

4 “(I) 2 or more applications for  
5 eligible projects within the State were  
6 submitted for the current fiscal year  
7 and an average of 2 or more applica-  
8 tions for eligible projects within the  
9 State were submitted in prior fiscal  
10 years of the program; and

11 “(II) fewer than 2 grants have  
12 been awarded for eligible projects  
13 within the State under the program;

14 “(ii) during the period of fiscal years  
15 2022 through 2026, for each State de-  
16 scribed in clause (i), select—

17 “(I) not fewer than 1 large  
18 project that the Secretary determines  
19 is justified under the evaluation under  
20 subsection (g)(4); or

21 “(II) 2 eligible projects that are  
22 not large projects that the Secretary  
23 determines are justified under the  
24 evaluation under subsection (f)(3);  
25 and

1                   “(iii) not be required to award a grant  
2                   for an eligible project that the Secretary  
3                   does not determine is justified under an  
4                   evaluation under subsection (f)(3) or  
5                   (g)(4).

6                   “(6) CULVERT LIMITATION.—Not more than 5  
7                   percent of the amounts made available for each fis-  
8                   cal year for grants under the program may be used  
9                   for eligible projects that consist solely of culvert re-  
10                  placement or rehabilitation.

11                  “(d) ELIGIBLE ENTITY.—The Secretary may make  
12 a grant under the program to any of the following:

13                  “(1) A State or a group of States.

14                  “(2) A metropolitan planning organization that  
15                  serves an urbanized area (as designated by the Bu-  
16                  reau of the Census) with a population of over  
17                  200,000.

18                  “(3) A unit of local government or a group of  
19                  local governments.

20                  “(4) A political subdivision of a State or local  
21                  government.

22                  “(5) A special purpose district or public author-  
23                  ity with a transportation function.

24                  “(6) A Federal land management agency.

1           “(7) A Tribal government or a consortium of  
2 Tribal governments.

3           “(8) A multistate or multijurisdictional group  
4 of entities described in paragraphs (1) through (7).

5           “(e) ELIGIBLE PROJECT REQUIREMENTS.—The Sec-  
6 retary may make a grant under the program only to an  
7 eligible entity for an eligible project that—

8           “(1) in the case of a large project, the Sec-  
9 retary recommends for funding in the annual report  
10 on funding recommendations under subsection  
11 (g)(6), except as provided in subsection (g)(1)(B);

12           “(2) is reasonably expected to begin construc-  
13 tion not later than 18 months after the date on  
14 which funds are obligated for the project; and

15           “(3) is based on the results of preliminary engi-  
16 neering.

17           “(f) COMPETITIVE PROCESS AND EVALUATION OF  
18 ELIGIBLE PROJECTS OTHER THAN LARGE PROJECTS.—

19           “(1) COMPETITIVE PROCESS.—

20           “(A) IN GENERAL.—The Secretary shall—

21           “(i) for the first fiscal year for which  
22 funds are made available for obligation  
23 under the program, not later than 60 days  
24 after the date on which the template under  
25 subparagraph (B)(i) is developed, and in

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1 subsequent fiscal years, not later than 60  
2 days after the date on which amounts are  
3 made available for obligation under the  
4 program, solicit grant applications for eli-  
5 gible projects other than large projects;  
6 and

7 “(ii) not later than 120 days after the  
8 date on which the solicitation under clause  
9 (i) expires, conduct evaluations under  
10 paragraph (3).

11 “(B) REQUIREMENTS.—In carrying out  
12 subparagraph (A), the Secretary shall—

13 “(i) develop a template for applicants  
14 to use to summarize project needs and  
15 benefits, including benefits described in  
16 paragraph (3)(B)(i); and

17 “(ii) enable applicants to use data  
18 from the National Bridge Inventory under  
19 section 144(b) to populate templates de-  
20 scribed in clause (i), as applicable.

21 “(2) APPLICATIONS.—An eligible entity shall  
22 submit to the Secretary an application at such time,  
23 in such manner, and containing such information as  
24 the Secretary may require.

25 “(3) EVALUATION.—



1           “(A) IN GENERAL.—Prior to providing a  
2 grant under this subsection, the Secretary  
3 shall—

4           “(i) conduct an evaluation of each eli-  
5 gible project for which an application is re-  
6 ceived under this subsection; and

7           “(ii) assign a quality rating to the eli-  
8 gible project on the basis of the evaluation  
9 under clause (i).

10          “(B) REQUIREMENTS.—In carrying out an  
11 evaluation under subparagraph (A), the Sec-  
12 retary shall—

13           “(i) consider information on project  
14 benefits submitted by the applicant using  
15 the template developed under paragraph  
16 (1)(B)(i), including whether the project  
17 will generate, as determined by the Sec-  
18 retary—

19           “(I) costs avoided by the preven-  
20 tion of closure or reduced use of the  
21 bridge to be improved by the project;

22           “(II) in the case of a bundle of  
23 projects, benefits from executing the  
24 projects as a bundle compared to as  
25 individual projects;

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1 “(III) safety benefits, including  
2 the reduction of accidents and related  
3 costs;

4 “(IV) person and freight mobility  
5 benefits, including congestion reduc-  
6 tion and reliability improvements;

7 “(V) national or regional eco-  
8 nomic benefits;

9 “(VI) benefits from long-term re-  
10 siliency to extreme weather events,  
11 flooding, or other natural disasters;

12 “(VII) benefits from protection  
13 (as described in section 133(b)(10)),  
14 including improving seismic or scour  
15 protection;

16 “(VIII) environmental benefits,  
17 including wildlife connectivity;

18 “(IX) benefits to nonvehicular  
19 and public transportation users;

20 “(X) benefits of using—

21 “(aa) innovative design and  
22 construction techniques; or

23 “(bb) innovative tech-  
24 nologies; or

1                   “(XI) reductions in maintenance  
2                   costs, including, in the case of a feder-  
3                   ally-owned bridge, cost savings to the  
4                   Federal budget; and

5                   “(ii) consider whether and the extent  
6                   to which the benefits, including the bene-  
7                   fits described in clause (i), are more likely  
8                   than not to outweigh the total project  
9                   costs.

10           “(g) COMPETITIVE PROCESS, EVALUATION, AND AN-  
11 NUAL REPORT FOR LARGE PROJECTS.—

12                   “(1) IN GENERAL.—

13                   “(A) APPLICATIONS.—The Secretary shall  
14                   establish an annual date by which an eligible  
15                   entity submitting an application for a large  
16                   project shall submit to the Secretary such infor-  
17                   mation as the Secretary may require, including  
18                   information described in paragraph (2), in  
19                   order for a large project to be considered for a  
20                   recommendation by the Secretary for funding in  
21                   the next annual report under paragraph (6).

22                   “(B) FIRST FISCAL YEAR.—Notwith-  
23                   standing subparagraph (A), for the first fiscal  
24                   year for which funds are made available for ob-  
25                   ligation for grants under the program, the Sec-

1           retary may establish a date by which an eligible  
2           entity submitting an application for a large  
3           project shall submit to the Secretary such infor-  
4           mation as the Secretary may require, including  
5           information described in paragraph (2), in  
6           order for a large project to be considered for  
7           immediate execution of a grant agreement.

8           “(2) INFORMATION REQUIRED.—The informa-  
9           tion referred to in paragraph (1) includes—

10                   “(A) all necessary information required for  
11                   the Secretary to evaluate the large project; and

12                   “(B) information sufficient for the Sec-  
13                   retary to determine that—

14                           “(i) the large project meets the appli-  
15                           cable requirements under this section; and

16                           “(ii) there is a reasonable likelihood  
17                           that the large project will continue to meet  
18                           the requirements under this section.

19           “(3) DETERMINATION; NOTICE.—On making a  
20           determination that information submitted to the  
21           Secretary under paragraph (1) is sufficient, the Sec-  
22           retary shall provide a written notice of that deter-  
23           mination to—

24                   “(A) the eligible entity that submitted the  
25                   application;



1 projects as a bundle compared to as indi-  
2 vidual projects;

3 “(iii) safety benefits, including the re-  
4 duction of accidents and related costs;

5 “(iv) person and freight mobility bene-  
6 fits, including congestion reduction and re-  
7 liability improvements;

8 “(v) national or regional economic  
9 benefits;

10 “(vi) benefits from long-term resil-  
11 iency to extreme weather events, flooding,  
12 or other natural disasters;

13 “(vii) benefits from protection (as de-  
14 scribed in section 133(b)(10)), including  
15 improving seismic or scour protection;

16 “(viii) environmental benefits, includ-  
17 ing wildlife connectivity;

18 “(ix) benefits to nonvehicular and  
19 public transportation users;

20 “(x) benefits of using—

21 “(I) innovative design and con-  
22 struction techniques; or

23 “(II) innovative technologies; or

1 “(xi) reductions in maintenance costs,  
2 including, in the case of a federally-owned  
3 bridge, cost savings to the Federal budget;

4 “(C) is cost effective based on an analysis  
5 of whether the benefits and avoided costs de-  
6 scribed in subparagraph (B) are expected to  
7 outweigh the project costs;

8 “(D) is supported by other Federal or non-  
9 Federal financial commitments or revenues ade-  
10 quate to fund ongoing maintenance and preser-  
11 vation; and

12 “(E) is consistent with the objectives of an  
13 applicable asset management plan of the project  
14 sponsor, including a State asset management  
15 plan under section 119(e) in the case of a  
16 project on the National Highway System that is  
17 sponsored by a State.

18 “(5) RATINGS.—

19 “(A) IN GENERAL.—The Secretary shall  
20 develop a methodology to evaluate and rate a  
21 large project on a 5-point scale (the points of  
22 which include ‘high’, ‘medium-high’, ‘medium’,  
23 ‘medium-low’, and ‘low’) for each of—

24 “(i) paragraph (4)(B);

25 “(ii) paragraph (4)(C); and

1 “(iii) paragraph (4)(D).

2 “(B) REQUIREMENT.—To be considered  
3 justified and receive a recommendation for  
4 funding in the annual report under paragraph  
5 (6), a project shall receive a rating of not less  
6 than ‘medium’ for each rating required under  
7 subparagraph (A).

8 “(C) INTERIM METHODOLOGY.—In the  
9 first fiscal year for which funds are made avail-  
10 able for obligation for grants under the pro-  
11 gram, the Secretary may establish an interim  
12 methodology to evaluate and rate a large  
13 project for each of—

14 “(i) paragraph (4)(B);

15 “(ii) paragraph (4)(C); and

16 “(iii) paragraph (4)(D).

17 “(6) ANNUAL REPORT ON FUNDING REC-  
18 OMMENDATIONS FOR LARGE PROJECTS.—

19 “(A) IN GENERAL.—Not later than the  
20 first Monday in February of each year, the Sec-  
21 retary shall submit to the Committees on  
22 Transportation and Infrastructure and Appro-  
23 priations of the House of Representatives and  
24 the Committees on Environment and Public



1 Works and Appropriations of the Senate a re-  
2 port that includes—

3 “(i) a list of large projects that have  
4 requested a recommendation for funding  
5 under a new grant agreement from funds  
6 anticipated to be available to carry out this  
7 subsection in the next fiscal year;

8 “(ii) the evaluation under paragraph  
9 (4) and ratings under paragraph (5) for  
10 each project referred to in clause (i);

11 “(iii) the grant amounts that the Sec-  
12 retary recommends providing to large  
13 projects in the next fiscal year, including—

14 “(I) scheduled payments under  
15 previously signed multiyear grant  
16 agreements under subsection (j);

17 “(II) payments for new grant  
18 agreements, including single-year  
19 grant agreements and multiyear grant  
20 agreements; and

21 “(III) a description of how  
22 amounts anticipated to be available  
23 for the program from the Highway  
24 Trust Fund for that fiscal year will be  
25 distributed; and

1           “(iv) for each project for which the  
2 Secretary recommends a new multiyear  
3 grant agreement under subsection (j), the  
4 proposed payout schedule for the project.

5           “(B) LIMITATIONS.—

6           “(i) IN GENERAL.—The Secretary  
7 shall not recommend in an annual report  
8 under this paragraph a new multiyear  
9 grant agreement provided from funds from  
10 the Highway Trust Fund unless the Sec-  
11 retary determines that the project can be  
12 completed using funds that are anticipated  
13 to be available from the Highway Trust  
14 Fund in future fiscal years.

15           “(ii) GENERAL FUND PROJECTS.—

16 The Secretary—

17           “(I) may recommend for funding  
18 in an annual report under this para-  
19 graph a large project using funds  
20 from the general fund of the Treas-  
21 ury; but

22           “(II) shall not execute a grant  
23 agreement for that project unless—

24           “(aa) funds other than from  
25 the Highway Trust Fund have

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1                   been made available for the  
2                   project; and

3                   “(bb) the Secretary deter-  
4                   mines that the project can be  
5                   completed using funds other than  
6                   from the Highway Trust Fund  
7                   that are anticipated to be avail-  
8                   able in future fiscal years.

9                   “(C) CONSIDERATIONS.—In selecting  
10                  projects to recommend for funding in the an-  
11                  nual report under this paragraph, or, in the  
12                  case of the first fiscal year for which funds are  
13                  made available for obligation for grants under  
14                  the program, projects for immediate execution  
15                  of a grant agreement, the Secretary shall—

16                  “(i) consider the amount of funds  
17                  available in future fiscal years for  
18                  multiyear grant agreements as described in  
19                  subparagraph (B); and

20                  “(ii) assume the availability of funds  
21                  in future fiscal years for multiyear grant  
22                  agreements that extend beyond the period  
23                  of authorization based on the amount  
24                  made available for large projects under the

1 program in the last fiscal year of the pe-  
2 riod of authorization.

3 “(D) PROJECT DIVERSITY.—In selecting  
4 projects to recommend for funding in the an-  
5 nual report under this paragraph, the Secretary  
6 shall ensure diversity among projects rec-  
7 ommended based on—

8 “(i) the amount of the grant re-  
9 quested; and

10 “(ii) grants for an eligible project for  
11 1 bridge compared to an eligible project  
12 that is a bundle of projects.

13 “(h) ELIGIBLE PROJECT COSTS.—A grant received  
14 for an eligible project under the program may be used  
15 for—

16 “(1) development phase activities, including  
17 planning, feasibility analysis, revenue forecasting,  
18 environmental review, preliminary engineering and  
19 design work, and other preconstruction activities;

20 “(2) construction, reconstruction, rehabilitation,  
21 acquisition of real property (including land related  
22 to the project and improvements to the land), envi-  
23 ronmental mitigation, construction contingencies, ac-  
24 quisition of equipment, and operational improve-

1       ments directly related to improving system perform-  
2       ance; and

3               “(3) expenses related to the protection (as de-  
4       scribed in section 133(b)(10)) of a bridge, including  
5       seismic or scour protection.

6       “(i) TIFIA PROGRAM.—On the request of an eligible  
7       entity carrying out an eligible project, the Secretary may  
8       use amounts awarded to the entity to pay subsidy and ad-  
9       ministrative costs necessary to provide to the entity Fed-  
10      eral credit assistance under chapter 6 with respect to the  
11      eligible project for which the grant was awarded.

12      “(j) MULTIYEAR GRANT AGREEMENTS FOR LARGE  
13      PROJECTS.—

14              “(1) IN GENERAL.—A large project that re-  
15      ceives a grant under the program in an amount of  
16      not less than \$100,000,000 may be carried out  
17      through a multiyear grant agreement in accordance  
18      with this subsection.

19              “(2) REQUIREMENTS.—A multiyear grant  
20      agreement for a large project described in paragraph  
21      (1) shall—

22                      “(A) establish the terms of participation by  
23                      the Federal Government in the project;

24                      “(B) establish the maximum amount of  
25                      Federal financial assistance for the project in

1           accordance with paragraphs (3) and (4) of sub-  
2           section (c);

3           “(C) establish a payout schedule for the  
4           project that provides for disbursement of the  
5           full grant amount by not later than 4 fiscal  
6           years after the fiscal year in which the initial  
7           amount is provided;

8           “(D) determine the period of time for com-  
9           pleting the project, even if that period extends  
10          beyond the period of an authorization; and

11          “(E) attempt to improve timely and effi-  
12          cient management of the project, consistent  
13          with all applicable Federal laws (including regu-  
14          lations).

15          “(3) SPECIAL FINANCIAL RULES.—

16          “(A) IN GENERAL.—A multiyear grant  
17          agreement under this subsection—

18                  “(i) shall obligate an amount of avail-  
19                  able budget authority specified in law; and

20                  “(ii) may include a commitment, con-  
21                  tingent on amounts to be specified in law  
22                  in advance for commitments under this  
23                  paragraph, to obligate an additional  
24                  amount from future available budget au-  
25                  thority specified in law.

1           “(B) STATEMENT OF CONTINGENT COM-  
2           MITMENT.—The agreement shall state that the  
3           contingent commitment is not an obligation of  
4           the Federal Government.

5           “(C) INTEREST AND OTHER FINANCING  
6           COSTS.—

7                   “(i) IN GENERAL.—Interest and other  
8                   financing costs of carrying out a part of  
9                   the project within a reasonable time shall  
10                  be considered a cost of carrying out the  
11                  project under a multiyear grant agreement,  
12                  except that eligible costs may not be more  
13                  than the cost of the most favorable financ-  
14                  ing terms reasonably available for the  
15                  project at the time of borrowing.

16                   “(ii) CERTIFICATION.—The applicant  
17                   shall certify to the Secretary that the ap-  
18                   plicant has shown reasonable diligence in  
19                   seeking the most favorable financing  
20                   terms.

21           “(4) ADVANCE PAYMENT.—Notwithstanding  
22           any other provision of law, an eligible entity carrying  
23           out a large project under a multiyear grant agree-  
24           ment—

1           “(A) may use funds made available to the  
2           eligible entity under this title for eligible project  
3           costs of the large project until the amount spec-  
4           ified in the multiyear grant agreement for the  
5           project for that fiscal year becomes available for  
6           obligation; and

7           “(B) if the eligible entity uses funds as de-  
8           scribed in subparagraph (A), the funds used  
9           shall be reimbursed from the amount made  
10          available under the multiyear grant agreement  
11          for the project.

12          “(k) UNDERTAKING PARTS OF PROJECTS IN AD-  
13          VANCE UNDER LETTERS OF NO PREJUDICE.—

14                 “(1) IN GENERAL.—The Secretary may pay to  
15                 an applicant all eligible project costs under the pro-  
16                 gram, including costs for an activity for an eligible  
17                 project incurred prior to the date on which the  
18                 project receives funding under the program if—

19                         “(A) before the applicant carries out the  
20                         activity, the Secretary approves through a letter  
21                         to the applicant the activity in the same man-  
22                         ner as the Secretary approves other activities as  
23                         eligible under the program;

24                         “(B) a record of decision, a finding of no  
25                         significant impact, or a categorical exclusion



1 under the National Environmental Policy Act of  
2 1969 (42 U.S.C. 4321 et seq.) has been issued  
3 for the eligible project; and

4 “(C) the activity is carried out without  
5 Federal assistance and in accordance with all  
6 applicable procedures and requirements.

7 “(2) INTEREST AND OTHER FINANCING  
8 COSTS.—

9 “(A) IN GENERAL.—For purposes of para-  
10 graph (1), the cost of carrying out an activity  
11 for an eligible project includes the amount of  
12 interest and other financing costs, including  
13 any interest earned and payable on bonds, to  
14 the extent interest and other financing costs are  
15 expended in carrying out the activity for the eli-  
16 gible project, except that interest and other fi-  
17 nancing costs may not be more than the cost of  
18 the most favorable financing terms reasonably  
19 available for the eligible project at the time of  
20 borrowing.

21 “(B) CERTIFICATION.—The applicant shall  
22 certify to the Secretary that the applicant has  
23 shown reasonable diligence in seeking the most  
24 favorable financing terms under subparagraph  
25 (A).

1           “(3) NO OBLIGATION OR INFLUENCE ON REC-  
2           COMMENDATIONS.—An approval by the Secretary  
3           under paragraph (1)(A) shall not—

4                   “(A) constitute an obligation of the Fed-  
5                   eral Government; or

6                   “(B) alter or influence any evaluation  
7                   under subsection (f)(3)(A)(i) or (g)(4) or any  
8                   recommendation by the Secretary for funding  
9                   under the program.

10          “(1) FEDERALLY-OWNED BRIDGES.—

11               “(1) DIVESTITURE CONSIDERATION.—In the  
12               case of a bridge owned by a Federal land manage-  
13               ment agency for which that agency applies for a  
14               grant under the program, the agency—

15                   “(A) shall consider options to divest the  
16                   bridge to a State or local entity after comple-  
17                   tion of the project; and

18                   “(B) may apply jointly with the State or  
19                   local entity to which the bridge may be divested.

20          “(2) TREATMENT.—Notwithstanding any other  
21               provision of law, section 129 shall apply to a bridge  
22               that was previously owned by a Federal land man-  
23               agement agency and has been transferred to a non-  
24               Federal entity under paragraph (1) in the same  
25               manner as if the bridge was never federally owned.

1       “(m) TREATMENT OF PROJECTS.—Notwithstanding  
2 any other provision of law, a project assisted under this  
3 section shall be treated as a project on a Federal-aid high-  
4 way under this chapter.

5       “(n) CONGRESSIONAL NOTIFICATION.—Not later  
6 than 30 days before making a grant for an eligible project  
7 under the program, the Secretary shall submit to the Com-  
8 mittee on Transportation and Infrastructure of the House  
9 of Representatives and the Committee on Environment  
10 and Public Works of the Senate a written notification of  
11 the proposed grant that includes—

12               “(1) an evaluation and justification for the eli-  
13 gible project; and

14               “(2) the amount of the proposed grant.

15       “(o) REPORTS.—

16               “(1) ANNUAL REPORT.—Not later than August  
17 1 of each fiscal year, the Secretary shall make avail-  
18 able on the website of the Department of Transpor-  
19 tation an annual report that lists each eligible  
20 project for which a grant has been provided under  
21 the program during the fiscal year.

22               “(2) GAO ASSESSMENT AND REPORT.—Not  
23 later than 3 years after the date of enactment of the  
24 Infrastructure Investment and Jobs Act, the Comp-  
25 troller General of the United States shall—

1           “(A) conduct an assessment of the admin-  
2           istrative establishment, solicitation, selection,  
3           and justification process with respect to the  
4           funding of grants under the program; and

5           “(B) submit to the Committee on Trans-  
6           portation and Infrastructure of the House of  
7           Representatives and the Committee on Environ-  
8           ment and Public Works of the Senate a report  
9           that describes—

10           “(i) the adequacy and fairness of the  
11           process under which each eligible project  
12           that received a grant under the program  
13           was selected; and

14           “(ii) the justification and criteria used  
15           for the selection of each eligible project.

16           “(p) LIMITATION.—

17           “(1) LARGE PROJECTS.—Of the amounts made  
18           available out of the Highway Trust Fund (other  
19           than the Mass Transit Account) to carry out this  
20           section for each of fiscal years 2022 through 2026,  
21           not less than 50 percent, in aggregate, shall be used  
22           for large projects.

23           “(2) UNUTILIZED AMOUNTS.—If, in fiscal year  
24           2026, the Secretary determines that grants under  
25           the program will not allow for the requirement under

1 paragraph (1) to be met, the Secretary shall use the  
2 unutilized amounts to make other grants under the  
3 program during that fiscal year.

4 “(q) TRIBAL TRANSPORTATION FACILITY BRIDGE  
5 SET ASIDE.—

6 “(1) IN GENERAL.—Of the amounts made  
7 available from the Highway Trust Fund (other than  
8 the Mass Transit Account) for a fiscal year to carry  
9 out this section, the Secretary shall use, to carry out  
10 section 202(d)—

11 “(A) \$16,000,000 for fiscal year 2022;

12 “(B) \$18,000,000 for fiscal year 2023;

13 “(C) \$20,000,000 for fiscal year 2024;

14 “(D) \$22,000,000 for fiscal year 2025;

15 and

16 “(E) \$24,000,000 for fiscal year 2026.

17 “(2) TREATMENT.—For purposes of section  
18 201, funds made available for section 202(d) under  
19 paragraph (1) shall be considered to be part of the  
20 tribal transportation program.”.

21 (b) CLERICAL AMENDMENT.—The analysis for chap-  
22 ter 1 of title 23, United States Code, is amended by insert-  
23 ing after the item relating to section 123 the following:

“124. Bridge investment program.”.

1 **SEC. 1119. SAFE ROUTES TO SCHOOL.**

2 (a) IN GENERAL.—Chapter 2 of title 23, United  
3 States Code, is amended by inserting after section 207 the  
4 following:

5 **“§ 208. Safe routes to school**

6 “(a) DEFINITIONS.—In this section:

7 “(1) IN THE VICINITY OF SCHOOLS.—The term  
8 ‘in the vicinity of schools’, with respect to a school,  
9 means the approximately 2-mile area within bicy-  
10 cing and walking distance of the school.

11 “(2) PRIMARY, MIDDLE, AND HIGH SCHOOLS.—  
12 The term ‘primary, middle, and high schools’ means  
13 schools providing education from kindergarten  
14 through 12th grade.

15 “(b) ESTABLISHMENT.—Subject to the requirements  
16 of this section, the Secretary shall establish and carry out  
17 a safe routes to school program for the benefit of children  
18 in primary, middle, and high schools.

19 “(c) PURPOSES.—The purposes of the program es-  
20 tablished under subsection (b) shall be—

21 “(1) to enable and encourage children, includ-  
22 ing those with disabilities, to walk and bicycle to  
23 school;

24 “(2) to make bicycling and walking to school a  
25 safer and more appealing transportation alternative,

1       thereby encouraging a healthy and active lifestyle  
2       from an early age; and

3               “(3) to facilitate the planning, development,  
4       and implementation of projects and activities that  
5       will improve safety and reduce traffic, fuel consump-  
6       tion, and air pollution in the vicinity of schools.

7       “(d) APPORTIONMENT OF FUNDS.—

8               “(1) IN GENERAL.—Subject to paragraphs (2),  
9       (3), and (4), amounts made available to carry out  
10      this section for a fiscal year shall be apportioned  
11      among the States so that each State receives the  
12      amount equal to the proportion that—

13               “(A) the total student enrollment in pri-  
14      mary, middle, and high schools in each State;  
15      bears to

16               “(B) the total student enrollment in pri-  
17      mary, middle, and high schools in all States.

18       “(2) MINIMUM APPORTIONMENT.—No State  
19      shall receive an apportionment under this section for  
20      a fiscal year of less than \$1,000,000.

21               “(3) SET-ASIDE FOR ADMINISTRATIVE EX-  
22      PENSES.—Before apportioning under this subsection  
23      amounts made available to carry out this section for  
24      a fiscal year, the Secretary shall set aside not more  
25      than \$3,000,000 of those amounts for the adminis-

1 trative expenses of the Secretary in carrying out this  
2 section.

3 “(4) DETERMINATION OF STUDENT ENROLL-  
4 MENTS.—Determinations under this subsection re-  
5 lating to student enrollments shall be made by the  
6 Secretary.

7 “(e) ADMINISTRATION OF AMOUNTS.—Amounts ap-  
8 portioned to a State under this section shall be adminis-  
9 tered by the State department of transportation.

10 “(f) ELIGIBLE RECIPIENTS.—Amounts apportioned  
11 to a State under this section shall be used by the State  
12 to provide financial assistance to State, local, Tribal, and  
13 regional agencies, including nonprofit organizations, that  
14 demonstrate an ability to meet the requirements of this  
15 section.

16 “(g) ELIGIBLE PROJECTS AND ACTIVITIES.—

17 “(1) INFRASTRUCTURE-RELATED PROJECTS.—

18 “(A) IN GENERAL.—Amounts apportioned  
19 to a State under this section may be used for  
20 the planning, design, and construction of infra-  
21 structure-related projects that will substantially  
22 improve the ability of students to walk and bi-  
23 cycle to school, including sidewalk improve-  
24 ments, traffic calming and speed reduction im-  
25 provements, pedestrian and bicycle crossing im-



1           provements, on-street bicycle facilities, off-street  
2           bicycle and pedestrian facilities, secure bicycle  
3           parking facilities, and traffic diversion improve-  
4           ments in the vicinity of schools.

5           “(B) LOCATION OF PROJECTS.—Infra-  
6           structure-related projects under subparagraph  
7           (A) may be carried out on any public road or  
8           any bicycle or pedestrian pathway or trail in the  
9           vicinity of schools.

10          “(2) NONINFRASTRUCTURE-RELATED ACTIVI-  
11          TIES.—

12           “(A) IN GENERAL.—In addition to projects  
13           described in paragraph (1), amounts appor-  
14           tioned to a State under this section may be  
15           used for noninfrastructure-related activities to  
16           encourage walking and bicycling to school, in-  
17           cluding public awareness campaigns and out-  
18           reach to press and community leaders, traffic  
19           education and enforcement in the vicinity of  
20           schools, student sessions on bicycle and pedes-  
21           trian safety, health, and environment, and fund-  
22           ing for training, volunteers, and managers of  
23           safe routes to school programs.

24           “(B) ALLOCATION.—Not less than 10 per-  
25           cent and not more than 30 percent of the

1 amount apportioned to a State under this sec-  
2 tion for a fiscal year shall be used for noninfra-  
3 structure-related activities under this para-  
4 graph.

5 “(3) SAFE ROUTES TO SCHOOL COORDI-  
6 NATOR.—Each State shall use a sufficient amount of  
7 the apportionment of the State for each fiscal year  
8 to fund a full-time position of coordinator of the safe  
9 routes to school program of the State.

10 “(h) CLEARINGHOUSE.—

11 “(1) IN GENERAL.—The Secretary shall make  
12 grants to a national nonprofit organization engaged  
13 in promoting safe routes to schools—

14 “(A) to operate a national safe routes to  
15 school clearinghouse;

16 “(B) to develop information and edu-  
17 cational programs on safe routes to school; and

18 “(C) to provide technical assistance and  
19 disseminate techniques and strategies used for  
20 successful safe routes to school programs.

21 “(2) FUNDING.—The Secretary shall carry out  
22 this subsection using amounts set aside for adminis-  
23 trative expenses under subsection (d)(3).

24 “(i) TREATMENT OF PROJECTS.—Notwithstanding  
25 any other provision of law, a project assisted under this

1 section shall be treated as a project on a Federal-aid high-  
2 way under chapter 1.”.

3 (b) CONFORMING AMENDMENTS.—

4 (1) The analysis for chapter 2 of title 23,  
5 United States Code, is amended by inserting after  
6 the item relating to section 207 the following:

“208. Safe routes to school.”.

7 (2) Section 1404 of SAFETEA–LU (23 U.S.C.  
8 402 note; Public Law 109–59) is repealed.

9 (3) The table of contents in section 1(b) of  
10 SAFETEA–LU (Public Law 109–59; 119 Stat.  
11 1144) is amended by striking the item relating to  
12 section 1404.

13 **SEC. 1120. HIGHWAY USE TAX EVASION PROJECTS.**

14 Section 143(b)(2)(A) of title 23, United States Code,  
15 is amended by striking “fiscal years 2016 through 2020”  
16 and inserting “fiscal years 2022 through 2026”.

17 **SEC. 1121. CONSTRUCTION OF FERRY BOATS AND FERRY**  
18 **TERMINAL FACILITIES.**

19 Section 147 of title 23, United States Code, is  
20 amended by striking subsection (h) and inserting the fol-  
21 lowing:

22 “(h) AUTHORIZATION OF APPROPRIATIONS.—There  
23 are authorized to be appropriated out of the Highway  
24 Trust Fund (other than the Mass Transit Account) to  
25 carry out this section—

- 1 “(1) \$110,000,000 for fiscal year 2022;  
2 “(2) \$112,000,000 for fiscal year 2023;  
3 “(3) \$114,000,000 for fiscal year 2024;  
4 “(4) \$116,000,000 for fiscal year 2025; and  
5 “(5) \$118,000,000 for fiscal year 2026.”.

6 **SEC. 1122. VULNERABLE ROAD USER RESEARCH.**

7 (a) DEFINITIONS.—In this subsection:

8 (1) ADMINISTRATOR.—The term “Adminis-  
9 trator” means the Secretary, acting through the Ad-  
10 ministrator of the Federal Highway Administration.

11 (2) VULNERABLE ROAD USER.—The term “vul-  
12 nerable road user” has the meaning given the term  
13 in section 148(a) of title 23, United States Code.

14 (b) ESTABLISHMENT OF RESEARCH PLAN.—The Ad-  
15 ministrator shall establish a research plan to prioritize re-  
16 search on roadway designs, the development of safety  
17 countermeasures to minimize fatalities and serious inju-  
18 ries to vulnerable road users, and the promotion of bicy-  
19 cling and walking, including research relating to—

20 (1) roadway safety improvements, including  
21 traffic calming techniques and vulnerable road user  
22 accommodations appropriate in a suburban arterial  
23 context;

1           (2) the impacts of traffic speeds, and access to  
2           low-traffic stress corridors, on safety and rates of bi-  
3           cycling and walking;

4           (3) tools to evaluate the impact of transpor-  
5           tation improvements on projected rates and safety of  
6           bicycling and walking; and

7           (4) other research areas to be determined by  
8           the Administrator.

9           (c) VULNERABLE ROAD USER ASSESSMENTS.—The  
10          Administrator shall—

11           (1) review each vulnerable road user safety as-  
12           sessment submitted by a State under section 148(l)  
13           of title 23, United States Code, and other relevant  
14           sources of data to determine what, if any, standard  
15           definitions and methods should be developed through  
16           guidance to enable a State to collect pedestrian in-  
17           jury and fatality data; and

18           (2) in the first progress update under sub-  
19           section (d)(2), provide—

20                   (A) the results of the determination de-  
21                   scribed in paragraph (1); and

22                   (B) the recommendations of the Secretary  
23                   with respect to the collection and reporting of  
24                   data on the safety of vulnerable road users.

25           (d) SUBMISSION; PUBLICATION.—

1           (1) SUBMISSION OF PLAN.—Not later than 180  
2 days after the date of enactment of this Act, the Ad-  
3 ministrator shall submit to the Committee on Envi-  
4 ronment and Public Works of the Senate and the  
5 Committee on Transportation and Infrastructure of  
6 the House of Representatives the research plan de-  
7 scribed in subsection (b).

8           (2) PROGRESS UPDATES.—Not later than 2  
9 years after the date of enactment of this Act, and  
10 biannually thereafter, the Administrator shall submit  
11 to the Committees described in paragraph (1)—

12                   (A) updates on the progress and findings  
13 of the research conducted pursuant to the plan  
14 described in subsection (b); and

15                   (B) in the first submission under this  
16 paragraph, the results and recommendations  
17 described in subsection (c)(2).

18 **SEC. 1123. WILDLIFE CROSSING SAFETY.**

19           (a) DECLARATION OF POLICY.—Section  
20 101(b)(3)(D) of title 23, United States Code, is amended,  
21 in the matter preceding clause (i), by inserting “resilient,”  
22 after “efficient,”.

23           (b) WILDLIFE CROSSINGS PILOT PROGRAM.—

1           (1) IN GENERAL.—Chapter 1 of title 23, United  
2 States Code, is amended by adding at the end the  
3 following:

4 **“§ 171. Wildlife crossings pilot program**

5           “(a) FINDING.—Congress finds that greater adoption  
6 of wildlife-vehicle collision safety countermeasures is in the  
7 public interest because—

8           “(1) according to the report of the Federal  
9 Highway Administration entitled ‘Wildlife-Vehicle  
10 Collision Reduction Study’, there are more than  
11 1,000,000 wildlife-vehicle collisions every year;

12           “(2) wildlife-vehicle collisions—

13           “(A) present a danger to—

14           “(i) human safety; and

15           “(ii) wildlife survival; and

16           “(B) represent a persistent concern that  
17 results in tens of thousands of serious injuries  
18 and hundreds of fatalities on the roadways of  
19 the United States; and

20           “(3) the total annual cost associated with wild-  
21 life-vehicle collisions has been estimated to be  
22 \$8,388,000,000; and

23           “(4) wildlife-vehicle collisions are a major  
24 threat to the survival of species, including birds, rep-  
25 tiles, mammals, and amphibians.

1       “(b) ESTABLISHMENT.—The Secretary shall estab-  
2 lish a competitive wildlife crossings pilot program (re-  
3 ferred to in this section as the ‘pilot program’) to provide  
4 grants for projects that seek to achieve—

5           “(1) a reduction in the number of wildlife-vehi-  
6 cle collisions; and

7           “(2) in carrying out the purpose described in  
8 paragraph (1), improved habitat connectivity for ter-  
9 restrial and aquatic species.

10       “(c) ELIGIBLE ENTITIES.—An entity eligible to apply  
11 for a grant under the pilot program is—

12           “(1) a State highway agency, or an equivalent  
13 of that agency;

14           “(2) a metropolitan planning organization (as  
15 defined in section 134(b));

16           “(3) a unit of local government;

17           “(4) a regional transportation authority;

18           “(5) a special purpose district or public author-  
19 ity with a transportation function, including a port  
20 authority;

21           “(6) an Indian tribe (as defined in section  
22 207(m)(1)), including a Native village and a Native  
23 Corporation (as those terms are defined in section 3  
24 of the Alaska Native Claims Settlement Act (43  
25 U.S.C. 1602));



1 “(7) a Federal land management agency; or

2 “(8) a group of any of the entities described in  
3 paragraphs (1) through (7).

4 “(d) APPLICATIONS.—

5 “(1) IN GENERAL.—To be eligible to receive a  
6 grant under the pilot program, an eligible entity  
7 shall submit to the Secretary an application at such  
8 time, in such manner, and containing such informa-  
9 tion as the Secretary may require.

10 “(2) REQUIREMENT.—If an application under  
11 paragraph (1) is submitted by an eligible entity  
12 other than an eligible entity described in paragraph  
13 (1) or (7) of subsection (c), the application shall in-  
14 clude documentation that the State highway agency,  
15 or an equivalent of that agency, of the State in  
16 which the eligible entity is located was consulted  
17 during the development of the application.

18 “(3) GUIDANCE.—To enhance consideration of  
19 current and reliable data, eligible entities may obtain  
20 guidance from an agency in the State with jurisdic-  
21 tion over fish and wildlife.

22 “(e) CONSIDERATIONS.—In selecting grant recipients  
23 under the pilot program, the Secretary shall take into con-  
24 sideration the following:

1           “(1) Primarily, the extent to which the pro-  
2           posed project of an eligible entity is likely to protect  
3           motorists and wildlife by reducing the number of  
4           wildlife-vehicle collisions and improve habitat  
5           connectivity for terrestrial and aquatic species.

6           “(2) Secondly, the extent to which the pro-  
7           posed project of an eligible entity is likely to accom-  
8           plish the following:

9                   “(A) Leveraging Federal investment by en-  
10                  couraging non-Federal contributions to the  
11                  project, including projects from public-private  
12                  partnerships.

13                  “(B) Supporting local economic develop-  
14                  ment and improvement of visitation opportuni-  
15                  ties.

16                  “(C) Incorporation of innovative tech-  
17                  nologies, including advanced design techniques  
18                  and other strategies to enhance efficiency and  
19                  effectiveness in reducing wildlife-vehicle colli-  
20                  sions and improving habitat connectivity for  
21                  terrestrial and aquatic species.

22                  “(D) Provision of educational and outreach  
23                  opportunities.

1           “(E) Monitoring and research to evaluate,  
2           compare effectiveness of, and identify best prac-  
3           tices in, selected projects.

4           “(F) Any other criteria relevant to reduc-  
5           ing the number of wildlife-vehicle collisions and  
6           improving habitat connectivity for terrestrial  
7           and aquatic species, as the Secretary deter-  
8           mines to be appropriate, subject to the condi-  
9           tion that the implementation of the pilot pro-  
10          gram shall not be delayed in the absence of ac-  
11          tion by the Secretary to identify additional cri-  
12          teria under this subparagraph.

13          “(f) USE OF FUNDS.—

14           “(1) IN GENERAL.—The Secretary shall ensure  
15          that a grant received under the pilot program is  
16          used for a project to reduce wildlife-vehicle collisions.

17           “(2) GRANT ADMINISTRATION.—

18           “(A) IN GENERAL.—A grant received  
19          under the pilot program shall be administered  
20          by—

21           “(i) in the case of a grant to a Fed-  
22          eral land management agency or an Indian  
23          tribe (as defined in section 207(m)(1), in-  
24          cluding a Native village and a Native Cor-  
25          poration (as those terms are defined in

1 section 3 of the Alaska Native Claims Set-  
2 tlement Act (43 U.S.C. 1602))), the Fed-  
3 eral Highway Administration, through an  
4 agreement; and

5 “(ii) in the case of a grant to an eligi-  
6 ble entity other than an eligible entity de-  
7 scribed in clause (i), the State highway  
8 agency, or an equivalent of that agency,  
9 for the State in which the project is to be  
10 carried out.

11 “(B) PARTNERSHIPS.—

12 “(i) IN GENERAL.—A grant received  
13 under the pilot program may be used to  
14 provide funds to eligible partners of the  
15 project for which the grant was received  
16 described in clause (ii), in accordance with  
17 the terms of the project agreement.

18 “(ii) ELIGIBLE PARTNERS DE-  
19 SCRIBED.—The eligible partners referred  
20 to in clause (i) include—

21 “(I) a metropolitan planning or-  
22 ganization (as defined in section  
23 134(b));

24 “(II) a unit of local government;

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1 “(III) a regional transportation  
2 authority;

3 “(IV) a special purpose district  
4 or public authority with a transpor-  
5 tation function, including a port au-  
6 thority;

7 “(V) an Indian tribe (as defined  
8 in section 207(m)(1)), including a Na-  
9 tive village and a Native Corporation  
10 (as those terms are defined in section  
11 3 of the Alaska Native Claims Settle-  
12 ment Act (43 U.S.C. 1602));

13 “(VI) a Federal land manage-  
14 ment agency;

15 “(VII) a foundation, nongovern-  
16 mental organization, or institution of  
17 higher education;

18 “(VIII) a Federal, Tribal, re-  
19 gional, or State government entity;  
20 and

21 “(IX) a group of any of the enti-  
22 ties described in subclauses (I)  
23 through (VIII).

24 “(3) COMPLIANCE.—An eligible entity that re-  
25 ceives a grant under the pilot program and enters

1 into a partnership described in paragraph (2) shall  
2 establish measures to verify that an eligible partner  
3 that receives funds from the grant complies with the  
4 conditions of the pilot program in using those funds.

5 “(g) REQUIREMENT.—The Secretary shall ensure  
6 that not less than 60 percent of the amounts made avail-  
7 able for grants under the pilot program each fiscal year  
8 are for projects located in rural areas.

9 “(h) ANNUAL REPORT TO CONGRESS.—

10 “(1) IN GENERAL.—Not later than December  
11 31 of each calendar year, the Secretary shall submit  
12 to Congress, and make publicly available, a report  
13 describing the activities under the pilot program for  
14 the fiscal year that ends during that calendar year.

15 “(2) CONTENTS.—The report under paragraph  
16 (1) shall include—

17 “(A) a detailed description of the activities  
18 carried out under the pilot program;

19 “(B) an evaluation of the effectiveness of  
20 the pilot program in meeting the purposes de-  
21 scribed in subsection (b); and

22 “(C) policy recommendations to improve  
23 the effectiveness of the pilot program.

24 “(i) TREATMENT OF PROJECTS.—Notwithstanding  
25 any other provision of law, a project assisted under this

1 section shall be treated as a project on a Federal-aid high-  
2 way under this chapter.”.

3 (2) CLERICAL AMENDMENT.—The analysis for  
4 chapter 1 of title 23, United States Code, is amend-  
5 ed by inserting after the item relating to section 170  
6 the following:

“171. Wildlife crossings pilot program.”.

7 (c) WILDLIFE VEHICLE COLLISION REDUCTION AND  
8 HABITAT CONNECTIVITY IMPROVEMENT.—

9 (1) IN GENERAL.—Chapter 1 of title 23, United  
10 States Code (as amended by subsection (b)(1)), is  
11 amended by adding at the end the following:

12 **“§ 172. Wildlife-vehicle collision reduction and habi-  
13 tat connectivity improvement**

14 “(a) STUDY.—

15 “(1) IN GENERAL.—The Secretary shall con-  
16 duct a study (referred to in this subsection as the  
17 ‘study’) of the state, as of the date of the study, of  
18 the practice of methods to reduce collisions between  
19 motorists and wildlife (referred to in this section as  
20 ‘wildlife-vehicle collisions’).

21 “(2) CONTENTS.—

22 “(A) AREAS OF STUDY.—The study  
23 shall—

24 “(i) update and expand on, as appro-  
25 priate—

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1                   “(I) the report entitled ‘Wildlife  
2                   Vehicle Collision Reduction Study:  
3                   2008 Report to Congress’; and

4                   “(II) the document entitled  
5                   ‘Wildlife Vehicle Collision Reduction  
6                   Study: Best Practices Manual’ and  
7                   dated October 2008; and

8                   “(ii) include—

9                   “(I) an assessment, as of the  
10                  date of the study, of—

11                  “(aa) the causes of wildlife-  
12                  vehicle collisions;

13                  “(bb) the impact of wildlife-  
14                  vehicle collisions on motorists  
15                  and wildlife; and

16                  “(cc) the impacts of roads  
17                  and traffic on habitat  
18                  connectivity for terrestrial and  
19                  aquatic species; and

20                  “(II) solutions and best practices  
21                  for—

22                  “(aa) reducing wildlife-vehi-  
23                  cle collisions; and



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1                   “(bb) improving habitat  
2                   connectivity for terrestrial and  
3                   aquatic species.

4                   “(B) METHODS.—In carrying out the  
5 study, the Secretary shall—

6                   “(i) conduct a thorough review of re-  
7 search and data relating to—

8                   “(I) wildlife-vehicle collisions; and

9                   “(II) habitat fragmentation that  
10 results from transportation infrastruc-  
11 ture;

12                   “(ii) survey current practices of the  
13 Department of Transportation and State  
14 departments of transportation to reduce  
15 wildlife-vehicle collisions; and

16                   “(iii) consult with—

17                   “(I) appropriate experts in the  
18 field of wildlife-vehicle collisions; and

19                   “(II) appropriate experts on the  
20 effects of roads and traffic on habitat  
21 connectivity for terrestrial and aquatic  
22 species.

23                   “(3) REPORT.—

24                   “(A) IN GENERAL.—Not later than 18  
25 months after the date of enactment of the In-



1           “(ii) an economic evaluation of the  
2 costs and benefits of installing highway in-  
3 frastructure and other measures to miti-  
4 gate damage to terrestrial and aquatic spe-  
5 cies, including the effect on jobs, property  
6 values, and economic growth to society, ad-  
7 jacent communities, and landowners;

8           “(iii) recommendations for preventing  
9 wildlife-vehicle collisions, including rec-  
10 ommended best practices, funding re-  
11 sources, or other recommendations for ad-  
12 dressing wildlife-vehicle collisions; and

13           “(iv) guidance, developed in consulta-  
14 tion with Federal land management agen-  
15 cies and State departments of transpor-  
16 tation, State fish and wildlife agencies, and  
17 Tribal governments that agree to partici-  
18 pate, for developing, for each State that  
19 agrees to participate, a voluntary joint  
20 statewide transportation and wildlife action  
21 plan—

22           “(I) to address wildlife-vehicle  
23 collisions; and



1           “(A) IN GENERAL.—The Secretary, acting  
2 through the Administrator of the Federal High-  
3 way Administration (referred to in this sub-  
4 section as the ‘Secretary’), shall develop a qual-  
5 ity standardized methodology for collecting and  
6 reporting spatially accurate wildlife collision  
7 and carcass data for the National Highway Sys-  
8 tem, considering the practicability of the meth-  
9 odology with respect to technology and cost.

10           “(B) METHODOLOGY.—In developing the  
11 standardized methodology under subparagraph  
12 (A), the Secretary shall—

13           “(i) survey existing methodologies and  
14 sources of data collection, including the  
15 Fatality Analysis Reporting System, the  
16 General Estimates System of the National  
17 Automotive Sampling System, and the  
18 Highway Safety Information System; and

19           “(ii) to the extent practicable, identify  
20 and correct limitations of those existing  
21 methodologies and sources of data collec-  
22 tion.

23           “(C) CONSULTATION.—In developing the  
24 standardized methodology under subparagraph  
25 (A), the Secretary shall consult with—

1 “(i) the Secretary of the Interior;

2 “(ii) the Secretary of Agriculture, act-  
3 ing through the Chief of the Forest Serv-  
4 ice;

5 “(iii) Tribal, State, and local trans-  
6 portation and wildlife authorities;

7 “(iv) metropolitan planning organiza-  
8 tions (as defined in section 134(b));

9 “(v) members of the American Asso-  
10 ciation of State Highway Transportation  
11 Officials;

12 “(vi) members of the Association of  
13 Fish and Wildlife Agencies;

14 “(vii) experts in the field of wildlife-  
15 vehicle collisions;

16 “(viii) nongovernmental organizations;  
17 and

18 “(ix) other interested stakeholders, as  
19 appropriate.

20 “(2) STANDARDIZED NATIONAL DATA SYSTEM  
21 WITH VOLUNTARY TEMPLATE IMPLEMENTATION.—

22 The Secretary shall—

23 “(A) develop a template for State imple-  
24 mentation of a standardized national wildlife  
25 collision and carcass data system for the Na-

1 tional Highway System that is based on the  
2 standardized methodology developed under  
3 paragraph (1); and

4 “(B) encourage the voluntary implementa-  
5 tion of the template developed under subpara-  
6 graph (A).

7 “(3) REPORTS.—

8 “(A) METHODOLOGY.—The Secretary shall  
9 submit to Congress a report describing the  
10 standardized methodology developed under  
11 paragraph (1) not later than the later of—

12 “(i) the date that is 18 months after  
13 the date of enactment of the Infrastructure  
14 Investment and Jobs Act; and

15 “(ii) the date that is 180 days after  
16 the date on which the Secretary completes  
17 the development of the standardized meth-  
18 odology.

19 “(B) IMPLEMENTATION.—Not later than 4  
20 years after the date of enactment of the Infra-  
21 structure Investment and Jobs Act, the Sec-  
22 retary shall submit to Congress a report de-  
23 scribing—

24 “(i) the status of the voluntary imple-  
25 mentation of the standardized methodology

1 developed under paragraph (1) and the  
2 template developed under paragraph  
3 (2)(A);

4 “(ii) whether the implementation of  
5 the standardized methodology developed  
6 under paragraph (1) and the template de-  
7 veloped under paragraph (2)(A) has im-  
8 pacted efforts by States, units of local gov-  
9 ernment, and other entities—

10 “(I) to reduce the number of  
11 wildlife-vehicle collisions; and

12 “(II) to improve habitat  
13 connectivity;

14 “(iii) the degree of the impact de-  
15 scribed in clause (ii); and

16 “(iv) the recommendations of the Sec-  
17 retary, including recommendations for fur-  
18 ther study aimed at reducing motorist col-  
19 lisions involving wildlife and improving  
20 habitat connectivity for terrestrial and  
21 aquatic species on the National Highway  
22 System, if any.

23 “(d) NATIONAL THRESHOLD GUIDANCE.—The Sec-  
24 retary shall—



1           “(1) establish guidance, to be carried out by  
2 States on a voluntary basis, that contains a thresh-  
3 old for determining whether a highway shall be eval-  
4 uated for potential mitigation measures to reduce  
5 wildlife-vehicle collisions and increase habitat  
6 connectivity for terrestrial and aquatic species, tak-  
7 ing into consideration—

8           “(A) the number of wildlife-vehicle colli-  
9 sions on the highway that pose a human safety  
10 risk;

11           “(B) highway-related mortality and the ef-  
12 fects of traffic on the highway on—

13           “(i) species listed as endangered spe-  
14 cies or threatened species under the En-  
15 dangered Species Act of 1973 (16 U.S.C.  
16 1531 et seq.);

17           “(ii) species identified by a State as  
18 species of greatest conservation need;

19           “(iii) species identified in State wild-  
20 life plans; and

21           “(iv) medium and small terrestrial  
22 and aquatic species; and

23           “(C) habitat connectivity values for terres-  
24 trial and aquatic species and the barrier effect

1 of the highway on the movements and migra-  
2 tions of those species.”.

3 (2) CLERICAL AMENDMENT.—The analysis for  
4 chapter 1 of title 23, United States Code (as amend-  
5 ed by subsection (b)(2)) is amended by inserting  
6 after the item relating to section 171 the following:

“172. Wildlife-vehicle collision reduction and habitat connectivity improvement.”.

7 (d) WILDLIFE CROSSINGS STANDARDS.—Section  
8 109(c)(2) of title 23, United States Code, is amended—

9 (1) in subparagraph (E), by striking “and” at  
10 the end;

11 (2) by redesignating subparagraph (F) as sub-  
12 paragraph (G); and

13 (3) by inserting after subparagraph (E) the fol-  
14 lowing:

15 “(F) the publication of the Federal High-  
16 way Administration entitled ‘Wildlife Crossing  
17 Structure Handbook: Design and Evaluation in  
18 North America’ and dated March 2011; and”.

19 (e) WILDLIFE HABITAT CONNECTIVITY AND NA-  
20 TIONAL BRIDGE AND TUNNEL INVENTORY AND INSPEC-  
21 TION STANDARDS.—Section 144 of title 23, United States  
22 Code, is amended—

23 (1) in subsection (a)(2)—

24 (A) in subparagraph (B), by inserting “,  
25 resilience,” after “safety”;

1 (B) in subparagraph (D), by striking  
2 “and” at the end;

3 (C) in subparagraph (E), by striking the  
4 period at the end and inserting “; and”; and

5 (D) by adding at the end the following:

6 “(F) to ensure adequate passage of aquatic  
7 and terrestrial species, where appropriate.”;

8 (2) in subsection (b)—

9 (A) in paragraph (4), by striking “and” at  
10 the end;

11 (B) in paragraph (5), by striking the pe-  
12 riod at the end and inserting “; and”; and

13 (C) by adding at the end the following:

14 “(6) determine if the replacement or rehabilita-  
15 tion of bridges and tunnels should include measures  
16 to enable safe and unimpeded movement for terres-  
17 trial and aquatic species.”; and

18 (3) in subsection (i), by adding at the end the  
19 following:

20 “(3) REQUIREMENT.—The first revision under  
21 paragraph (2) after the date of enactment of the In-  
22 frastructure Investment and Jobs Act shall include  
23 techniques to assess passage of aquatic and terres-  
24 trial species and habitat restoration potential.”.

1 **SEC. 1124. CONSOLIDATION OF PROGRAMS.**

2 Section 1519(a) of MAP–21 (Public Law 112–141;  
3 126 Stat. 574; 129 Stat. 1423) is amended, in the matter  
4 preceding paragraph (1), by striking “fiscal years 2016  
5 through 2020” and inserting “fiscal years 2022 through  
6 2026”.

7 **SEC. 1125. GAO REPORT.**

8 (a) IN GENERAL.—Section 1433 of the FAST Act  
9 (23 U.S.C. 101 note; Public Law 114–94) is repealed.

10 (b) CLERICAL AMENDMENT.—The table of contents  
11 in section 1(b) of the FAST Act (Public Law 114–94; 129  
12 Stat. 1312) is amended by striking the item relating to  
13 section 1433.

14 **SEC. 1126. TERRITORIAL AND PUERTO RICO HIGHWAY PRO-**  
15 **GRAM.**

16 Section 165 of title 23, United States Code, is  
17 amended—

18 (1) in subsection (a), by striking paragraphs  
19 (1) and (2) and inserting the following:

20 “(1) for the Puerto Rico highway program  
21 under subsection (b)—

22 “(A) \$173,010,000 shall be for fiscal year  
23 2022;

24 “(B) \$176,960,000 shall be for fiscal year  
25 2023;

1 “(C) \$180,120,000 shall be for fiscal year  
2 2024;

3 “(D) \$183,675,000 shall be for fiscal year  
4 2025; and

5 “(E) \$187,230,000 shall be for fiscal year  
6 2026; and

7 “(2) for the territorial highway program under  
8 subsection (c)—

9 “(A) \$45,990,000 shall be for fiscal year  
10 2022;

11 “(B) \$47,040,000 shall be for fiscal year  
12 2023;

13 “(C) \$47,880,000 shall be for fiscal year  
14 2024;

15 “(D) \$48,825,000 shall be for fiscal year  
16 2025; and

17 “(E) \$49,770,000 shall be for fiscal year  
18 2026.”;

19 (2) in subsection (b)(2)(C)(iii), by inserting  
20 “and preventative maintenance on the National  
21 Highway System” after “chapter 1”; and

22 (3) in subsection (c)(7), by striking “para-  
23 graphs (1) through (4) of section 133(c) and section  
24 133(b)(12)” and inserting “paragraphs (1), (2), (3),  
25 and (5) of section 133(c) and section 133(b)(13)”.

1 **SEC. 1127. NATIONALLY SIGNIFICANT FEDERAL LANDS AND**  
2 **TRIBAL PROJECTS PROGRAM.**

3 Section 1123 of the FAST Act (23 U.S.C. 201 note;  
4 Public Law 114–94) is amended—

5 (1) in subsection (c)(3), by striking  
6 “\$25,000,000” and all that follows through the pe-  
7 riod at the end and inserting “\$12,500,000.”;

8 (2) in subsection (g)—

9 (A) by striking the subsection designation  
10 and heading and all that follows through “The  
11 Federal” in paragraph (1) and inserting the fol-  
12 lowing:

13 “(g) COST SHARE.—

14 “(1) FEDERAL SHARE.—

15 “(A) IN GENERAL.—Except as provided in  
16 subparagraph (B), the Federal”;

17 (B) in paragraph (1), by adding at the end  
18 the following:

19 “(B) TRIBAL PROJECTS.—In the case of a  
20 project on a tribal transportation facility (as de-  
21 fined in section 101(a) of title 23, United  
22 States Code), the Federal share of the cost of  
23 the project shall be 100 percent.”; and

24 (C) in paragraph (2), by striking “other  
25 than those made available under title 23 or title  
26 49, United States Code,”; and

1           (3) by striking subsection (h) and inserting the  
2 following:

3           “(h) USE OF FUNDS.—

4                 “(1) IN GENERAL.—For each fiscal year, of the  
5 amounts made available to carry out this section—

6                         “(A) 50 percent shall be used for eligible  
7 projects on Federal lands transportation facili-  
8 ties and Federal lands access transportation fa-  
9 cilities (as those terms are defined in section  
10 101(a) of title 23, United States Code); and

11                         “(B) 50 percent shall be used for eligible  
12 projects on tribal transportation facilities (as  
13 defined in section 101(a) of title 23, United  
14 States Code).

15                 “(2) REQUIREMENT.—Not less than 1 eligible  
16 project carried out using the amount described in  
17 paragraph (1)(A) shall be in a unit of the National  
18 Park System with not less than 3,000,000 annual  
19 visitors.

20                 “(3) AVAILABILITY.—Amounts made available  
21 to carry out this section shall remain available for  
22 a period of 3 fiscal years following the fiscal year for  
23 which the amounts are appropriated.”.

1 **SEC. 1128. TRIBAL HIGH PRIORITY PROJECTS PROGRAM.**

2 Section 1123(h) of MAP-21 (23 U.S.C. 202 note;  
3 Public Law 112-141) is amended—

4 (1) by redesignating paragraph (2) as para-  
5 graph (3);

6 (2) in paragraph (3) (as so redesignated), in  
7 the matter preceding subparagraph (A), by striking  
8 “paragraph (1)” and inserting “paragraphs (1) and  
9 (2)”; and

10 (3) by striking the subsection designation and  
11 heading and all that follows through the period at  
12 the end of paragraph (1) and inserting the following:

13 “(h) FUNDING.—

14 “(1) SET-ASIDE.—For each of fiscal years 2022  
15 through 2026, of the amounts made available to  
16 carry out the tribal transportation program under  
17 section 202 of title 23, United States Code, for that  
18 fiscal year, the Secretary shall use \$9,000,000 to  
19 carry out the program.

20 “(2) AUTHORIZATION OF APPROPRIATIONS.—In  
21 addition to amounts made available under paragraph  
22 (1), there is authorized to be appropriated  
23 \$30,000,000 out of the general fund of the Treasury  
24 to carry out the program for each of fiscal years  
25 2022 through 2026.”.



1 **SEC. 1129. STANDARDS.**

2 Section 109 of title 23, United States Code, is  
3 amended—

4 (1) in subsection (d)—

5 (A) by striking “(d) On any” and inserting  
6 the following:

7 “(d) MANUAL ON UNIFORM TRAFFIC CONTROL DE-  
8 VICES.—

9 “(1) IN GENERAL.—On any”;

10 (B) in paragraph (1) (as so designated), by  
11 striking “promote the safe” and inserting “pro-  
12 mote the safety, inclusion, and mobility of all  
13 users”; and

14 (C) by adding at the end the following:

15 “(2) UPDATES.—Not later than 18 months  
16 after the date of enactment of the Infrastructure In-  
17 vestment and Jobs Act and not less frequently than  
18 every 4 years thereafter, the Secretary shall update  
19 the Manual on Uniform Traffic Control Devices.”;

20 (2) in subsection (o)—

21 (A) by striking “Projects” and inserting:

22 “(A) IN GENERAL.—Projects”; and

23 (B) by inserting at the end the following:

24 “(B) LOCAL JURISDICTIONS.—Notwith-  
25 standing subparagraph (A), a local jurisdiction  
26 may use a roadway design guide recognized by

1 the Federal Highway Administration and  
2 adopted by the local jurisdiction that is dif-  
3 ferent from the roadway design guide used by  
4 the State in which the local jurisdiction is lo-  
5 cated for the design of projects on all roadways  
6 under the ownership of the local jurisdiction  
7 (other than a highway on the National Highway  
8 System) for which the local jurisdiction is the  
9 project sponsor, provided that the design com-  
10 plies with all other applicable Federal laws.”;  
11 and

12 (3) by adding at the end the following:

13 “(s) ELECTRIC VEHICLE CHARGING STATIONS.—

14 “(1) STANDARDS.—Electric vehicle charging in-  
15 frastructure installed using funds provided under  
16 this title shall provide, at a minimum—

17 “(A) non-proprietary charging connectors  
18 that meet applicable industry safety standards;  
19 and

20 “(B) open access to payment methods that  
21 are available to all members of the public to en-  
22 sure secure, convenient, and equal access to the  
23 electric vehicle charging infrastructure that  
24 shall not be limited by membership to a par-  
25 ticular payment provider.

1           “(2) TREATMENT OF PROJECTS.—Notwith-  
2           standing any other provision of law, a project to in-  
3           stall electric vehicle charging infrastructure using  
4           funds provided under this title shall be treated as if  
5           the project is located on a Federal-aid highway.”.

6 **SEC. 1130. PUBLIC TRANSPORTATION.**

7           (a) IN GENERAL.—Section 142(a) of title 23, United  
8           States Code, is amended by adding at the end the fol-  
9           lowing:

10           “(3) BUS CORRIDORS.—In addition to the  
11           projects described in paragraphs (1) and (2), the  
12           Secretary may approve payment from sums appor-  
13           tioned under paragraph (2) or (7) of section 104(b)  
14           for carrying out a capital project for the construc-  
15           tion of a bus rapid transit corridor or dedicated bus  
16           lanes, including the construction or installation of—

17                   “(A) traffic signaling and prioritization  
18                   systems;

19                   “(B) redesigned intersections that are nec-  
20                   essary for the establishment of a bus rapid  
21                   transit corridor;

22                   “(C) on-street stations;

23                   “(D) fare collection systems;

24                   “(E) information and wayfinding systems;

25                   and

1 “(F) depots.”.

2 (b) TECHNICAL CORRECTION.—Section 142 of title  
3 23, United States Code, is amended by striking subsection  
4 (i).

5 **SEC. 1131. RESERVATION OF CERTAIN FUNDS.**

6 (a) OPEN CONTAINER REQUIREMENTS.—Section  
7 154(c)(2) of title 23, United States Code, is amended—

8 (1) in the paragraph heading, by striking  
9 “2012” and inserting “2022”;

10 (2) by striking subparagraph (A) and inserting  
11 the following:

12 “(A) RESERVATION OF FUNDS.—

13 “(i) IN GENERAL.—On October 1,  
14 2021, and each October 1 thereafter, in  
15 the case of a State described in clause (ii),  
16 the Secretary shall reserve an amount  
17 equal to 2.5 percent of the funds to be ap-  
18 portioned to the State on that date under  
19 each of paragraphs (1) and (2) of section  
20 104(b) until the State certifies to the Sec-  
21 retary the means by which the State will  
22 use those reserved funds in accordance  
23 with subparagraphs (A) and (B) of para-  
24 graph (1), and paragraph (3).

1                   “(ii) STATES DESCRIBED.—A State  
2                   referred to in clause (i) is a State—

3                                 “(I) that has not enacted or is  
4                                 not enforcing an open container law  
5                                 described in subsection (b); and

6                                 “(II) for which the Secretary de-  
7                                 termined for the prior fiscal year that  
8                                 the State had not enacted or was not  
9                                 enforcing an open container law de-  
10                                 scribed in subsection (b).”; and

11                   (3) in subparagraph (B), in the matter pre-  
12                   ceding clause (i), by striking “subparagraph (A)”  
13                   and inserting “subparagraph (A)(i)”.

14                   (b) REPEAT INTOXICATED DRIVER LAWS.—Section  
15                   164(b)(2) of title 23, United States Code, is amended—

16                                 (1) in the paragraph heading, by striking  
17                                 “2012” and inserting “2022”;

18                                 (2) by striking subparagraph (A) and inserting  
19                   the following:

20                                 “(A) RESERVATION OF FUNDS.—

21   “(i) IN GENERAL.—On October 1,  
22   2021, and each October 1 thereafter, in  
23   the case of a State described in clause (ii),  
24   the Secretary shall reserve an amount  
25   equal to 2.5 percent of the funds to be ap-

1           portioned to the State on that date under  
2           each of paragraphs (1) and (2) of section  
3           104(b) until the State certifies to the Sec-  
4           retary the means by which the State will  
5           use those reserved funds in accordance  
6           with subparagraphs (A) and (B) of para-  
7           graph (1), and paragraph (3).

8           “(ii) STATES DESCRIBED.—A State  
9           referred to in clause (i) is a State—

10                   “(I) that has not enacted or is  
11                   not enforcing a repeat intoxicated  
12                   driver law; and

13                   “(II) for which the Secretary de-  
14                   termined for the prior fiscal year that  
15                   the State had not enacted or was not  
16                   enforcing a repeat intoxicated driver  
17                   law.”; and

18           (3) in subparagraph (B), in the matter pre-  
19           ceding clause (i), by striking “subparagraph (A)”  
20           and inserting “subparagraph (A)(i)”.

21 **SEC. 1132. RURAL SURFACE TRANSPORTATION GRANT PRO-**  
22 **GRAM.**

23           (a) IN GENERAL.—Chapter 1 of title 23, United  
24 States Code (as amended by section 1123(c)(1)), is  
25 amended by adding at the end the following:

1 **“§ 173. Rural surface transportation grant program**

2 “(a) DEFINITIONS.—In this section:

3 “(1) PROGRAM.—The term ‘program’ means  
4 the program established under subsection (b)(1).

5 “(2) RURAL AREA.—The term ‘rural area’  
6 means an area that is outside an urbanized area  
7 with a population of over 200,000.

8 “(b) ESTABLISHMENT.—

9 “(1) IN GENERAL.—The Secretary shall estab-  
10 lish a rural surface transportation grant program to  
11 provide grants, on a competitive basis, to eligible en-  
12 tities to improve and expand the surface transpor-  
13 tation infrastructure in rural areas.

14 “(2) GOALS.—The goals of the program shall  
15 be—

16 “(A) to increase connectivity;

17 “(B) to improve the safety and reliability  
18 of the movement of people and freight; and

19 “(C) to generate regional economic growth  
20 and improve quality of life.

21 “(3) GRANT ADMINISTRATION.—The Secretary  
22 may—

23 “(A) retain not more than a total of 2 per-  
24 cent of the funds made available to carry out  
25 the program and to review applications for  
26 grants under the program; and

1           “(B) transfer portions of the funds re-  
2           tained under subparagraph (A) to the relevant  
3           Administrators to fund the award and oversight  
4           of grants provided under the program.

5           “(c) ELIGIBLE ENTITIES.—The Secretary may make  
6 a grant under the program to—

7           “(1) a State;

8           “(2) a regional transportation planning organi-  
9           zation;

10           “(3) a unit of local government;

11           “(4) a Tribal government or a consortium of  
12 Tribal governments; and

13           “(5) a multijurisdictional group of entities de-  
14 scribed in paragraphs (1) through (4).

15           “(d) APPLICATIONS.—To be eligible to receive a  
16 grant under the program, an eligible entity shall submit  
17 to the Secretary an application in such form, at such time,  
18 and containing such information as the Secretary may re-  
19 quire.

20           “(e) ELIGIBLE PROJECTS.—

21           “(1) IN GENERAL.—Except as provided in para-  
22 graph (2), the Secretary may make a grant under  
23 the program only for a project that is—

24           “(A) a highway, bridge, or tunnel project  
25           eligible under section 119(d);



1           “(B) a highway, bridge, or tunnel project  
2 eligible under section 133(b);

3           “(C) a project eligible under section  
4 202(a);

5           “(D) a highway freight project eligible  
6 under section 167(h)(5);

7           “(E) a highway safety improvement  
8 project, including a project to improve a high  
9 risk rural road (as those terms are defined in  
10 section 148(a));

11           “(F) a project on a publicly-owned high-  
12 way or bridge that provides or increases access  
13 to an agricultural, commercial, energy, or inter-  
14 modal facility that supports the economy of a  
15 rural area; or

16           “(G) a project to develop, establish, or  
17 maintain an integrated mobility management  
18 system, a transportation demand management  
19 system, or on-demand mobility services.

20           “(2) BUNDLING OF ELIGIBLE PROJECTS.—

21           “(A) IN GENERAL.—An eligible entity may  
22 bundle 2 or more similar eligible projects under  
23 the program that are—

1           “(i) included as a bundled project in  
2           a statewide transportation improvement  
3           program under section 135; and

4           “(ii) awarded to a single contractor or  
5           consultant pursuant to a contract for engi-  
6           neering and design or construction between  
7           the contractor and the eligible entity.

8           “(B) ITEMIZATION.—Notwithstanding any  
9           other provision of law (including regulations), a  
10          bundling of eligible projects under this para-  
11          graph may be considered to be a single project,  
12          including for purposes of section 135.

13          “(f) ELIGIBLE PROJECT COSTS.—An eligible entity  
14          may use funds from a grant under the program for—

15               “(1) development phase activities, including  
16               planning, feasibility analysis, revenue forecasting,  
17               environmental review, preliminary engineering and  
18               design work, and other preconstruction activities;  
19               and

20               “(2) construction, reconstruction, rehabilitation,  
21               acquisition of real property (including land related  
22               to the project and improvements to the land), envi-  
23               ronmental mitigation, construction contingencies, ac-  
24               quisition of equipment, and operational improve-  
25               ments.

1           “(g) PROJECT REQUIREMENTS.—The Secretary may  
2 provide a grant under the program to an eligible project  
3 only if the Secretary determines that the project—

4           “(1) will generate regional economic, mobility,  
5 or safety benefits;

6           “(2) will be cost effective;

7           “(3) will contribute to the accomplishment of 1  
8 or more of the national goals under section 150;

9           “(4) is based on the results of preliminary engi-  
10 neering; and

11           “(5) is reasonably expected to begin construc-  
12 tion not later than 18 months after the date of obli-  
13 gation of funds for the project.

14           “(h) ADDITIONAL CONSIDERATIONS.—In providing  
15 grants under the program, the Secretary shall consider the  
16 extent to which an eligible project will—

17           “(1) improve the state of good repair of existing  
18 highway, bridge, and tunnel facilities;

19           “(2) increase the capacity or connectivity of the  
20 surface transportation system and improve mobility  
21 for residents of rural areas;

22           “(3) address economic development and job cre-  
23 ation challenges, including energy sector job losses  
24 in energy communities as identified in the report re-  
25 leased in April 2021 by the interagency working

1 group established by section 218 of Executive Order  
2 14008 (86 Fed. Reg. 7628 (February 1, 2021));

3 “(4) enhance recreational and tourism opportu-  
4 nities by providing access to Federal land, national  
5 parks, national forests, national recreation areas, na-  
6 tional wildlife refuges, wilderness areas, or State  
7 parks;

8 “(5) contribute to geographic diversity among  
9 grant recipients;

10 “(6) utilize innovative project delivery ap-  
11 proaches or incorporate transportation technologies;

12 “(7) coordinate with projects to address  
13 broadband infrastructure needs; or

14 “(8) improve access to emergency care, essen-  
15 tial services, healthcare providers, or drug and alco-  
16 hol treatment and rehabilitation resources.

17 “(i) GRANT AMOUNT.—Except as provided in sub-  
18 section (k)(1), a grant under the program shall be in an  
19 amount that is not less than \$25,000,000.

20 “(j) FEDERAL SHARE.—

21 “(1) IN GENERAL.—Except as provided in para-  
22 graph (2), the Federal share of the cost of a project  
23 carried out with a grant under the program may not  
24 exceed 80 percent.

1           “(2) FEDERAL SHARE FOR CERTAIN  
2 PROJECTS.—The Federal share of the cost of an eli-  
3 gible project that furthers the completion of a des-  
4 ignated segment of the Appalachian Development  
5 Highway System under section 14501 of title 40, or  
6 addresses a surface transportation infrastructure  
7 need identified for the Denali access system program  
8 under section 309 of the Denali Commission Act of  
9 1998 (42 U.S.C. 3121 note; Public Law 105–277)  
10 shall be up to 100 percent, as determined by the  
11 State.

12           “(3) USE OF OTHER FEDERAL ASSISTANCE.—  
13 Federal assistance other than a grant under the pro-  
14 gram may be used to satisfy the non-Federal share  
15 of the cost of a project carried out with a grant  
16 under the program.

17           “(k) SET ASIDES.—

18           “(1) SMALL PROJECTS.—The Secretary shall  
19 use not more than 10 percent of the amounts made  
20 available for the program for each fiscal year to pro-  
21 vide grants for eligible projects in an amount that  
22 is less than \$25,000,000.

23           “(2) APPALACHIAN DEVELOPMENT HIGHWAY  
24 SYSTEM.—The Secretary shall reserve 25 percent of  
25 the amounts made available for the program for

1 each fiscal year for eligible projects that further the  
2 completion of designated routes of the Appalachian  
3 Development Highway System under section 14501  
4 of title 40.

5 “(3) RURAL ROADWAY LANE DEPARTURES.—  
6 The Secretary shall reserve 15 percent of the  
7 amounts made available for the program for each  
8 fiscal year to provide grants for eligible projects lo-  
9 cated in States that have rural roadway fatalities as  
10 a result of lane departures that are greater than the  
11 average of rural roadway fatalities as a result of  
12 lane departures in the United States, based on the  
13 latest available data from the Secretary.

14 “(4) EXCESS FUNDING.—In any fiscal year in  
15 which qualified applications for grants under this  
16 subsection do not allow for the amounts reserved  
17 under paragraphs (1), (2), or (3) to be fully utilized,  
18 the Secretary shall use the unutilized amounts to  
19 make other grants under the program.

20 “(1) CONGRESSIONAL REVIEW.—

21 “(1) NOTIFICATION.—Not less than 60 days be-  
22 fore providing a grant under the program, the Sec-  
23 retary shall submit to the Committee on Environ-  
24 ment and Public Works of the Senate and the Com-

1        mittee on Transportation and Infrastructure of the  
2        House of Representatives—

3                “(A) a list of all applications determined to  
4                be eligible for a grant by the Secretary;

5                “(B) each application proposed to be se-  
6                lected for a grant, including a justification for  
7                the selection; and

8                “(C) proposed grant amounts.

9                “(2) COMMITTEE REVIEW.—Before the last day  
10              of the 60-day period described in paragraph (1),  
11              each Committee described in paragraph (1) shall re-  
12              view the list of proposed projects submitted by the  
13              Secretary.

14              “(3) CONGRESSIONAL DISAPPROVAL.—The Sec-  
15              retary may not make a grant or any other obligation  
16              or commitment to fund a project under the program  
17              if a joint resolution is enacted disapproving funding  
18              for the project before the last day of the 60-day pe-  
19              riod described in paragraph (1).

20              “(m) TRANSPARENCY.—

21              “(1) IN GENERAL.—Not later than 30 days  
22              after providing a grant for a project under the pro-  
23              gram, the Secretary shall provide to all applicants,  
24              and publish on the website of the Department of

1       Transportation, the information described in sub-  
2       section (l)(1).

3               “(2) BRIEFING.—The Secretary shall provide,  
4       on the request of an eligible entity, the opportunity  
5       to receive a briefing to explain any reasons the eligi-  
6       ble entity was not selected to receive a grant under  
7       the program.

8               “(n) REPORTS.—

9               “(1) ANNUAL REPORT.—The Secretary shall  
10       make available on the website of the Department of  
11       Transportation at the end of each fiscal year an an-  
12       nual report that lists each project for which a grant  
13       has been provided under the program during that  
14       fiscal year.

15               “(2) COMPTROLLER GENERAL.—

16               “(A) ASSESSMENT.—The Comptroller Gen-  
17       eral of the United States shall conduct an as-  
18       sessment of the administrative establishment,  
19       solicitation, selection, and justification process  
20       with respect to the awarding of grants under  
21       the program for each fiscal year.

22               “(B) REPORT.—Each fiscal year, the  
23       Comptroller General shall submit to the Com-  
24       mittee on Environment and Public Works of the  
25       Senate and the Committee on Transportation



1 and Infrastructure of the House of Representa-  
2 tives a report that describes, for the fiscal  
3 year—

4 “(i) the adequacy and fairness of the  
5 process by which each project was selected,  
6 if applicable; and

7 “(ii) the justification and criteria used  
8 for the selection of each project, if applica-  
9 ble.

10 “(o) TREATMENT OF PROJECTS.—Notwithstanding  
11 any other provision of law, a project assisted under this  
12 section shall be treated as a project on a Federal-aid high-  
13 way under this chapter.”.

14 (b) CLERICAL AMENDMENT.—The analysis for chap-  
15 ter 1 of title 23, United States Code (as amended by sec-  
16 tion 1123(c)(2)), is amended by inserting after the item  
17 relating to section 172 the following:

“173. Rural surface transportation grant program.”.

18 **SEC. 1133. BICYCLE TRANSPORTATION AND PEDESTRIAN**  
19 **WALKWAYS.**

20 Section 217 of title 23, United States Code, is  
21 amended—

22 (1) in subsection (a)—

23 (A) by striking “pedestrian walkways and  
24 bicycle” and inserting “pedestrian walkways  
25 and bicycle and shared micromobility”; and

1 (B) by striking “safe bicycle use” and in-  
2 serting “safe access for bicyclists and pedes-  
3 trians”;

4 (2) in subsection (d), by striking “a position”  
5 and inserting “up to 2 positions”;

6 (3) in subsection (e), by striking “bicycles”  
7 each place it appears and inserting “pedestrians or  
8 bicyclists”;

9 (4) in subsection (f), by striking “and a bicy-  
10 cle” and inserting “or a bicycle or shared micro-  
11 mobility”; and

12 (5) in subsection (j), by striking paragraph (2)  
13 and inserting the following:

14 “(2) ELECTRIC BICYCLE.—

15 “(A) IN GENERAL.—The term ‘electric bi-  
16 cycle’ means a bicycle—

17 “(i) equipped with fully operable ped-  
18 als, a saddle or seat for the rider, and an  
19 electric motor of less than 750 watts;

20 “(ii) that can safely share a bicycle  
21 transportation facility with other users of  
22 such facility; and

23 “(iii) that is a class 1 electric bicycle,  
24 class 2 electric bicycle, or class 3 electric  
25 bicycle.

1 “(B) CLASSES OF ELECTRIC BICYCLES.—

2 “(i) CLASS 1 ELECTRIC BICYCLE.—

3 For purposes of subparagraph (A)(iii), the  
4 term ‘class 1 electric bicycle’ means an  
5 electric bicycle, other than a class 3 elec-  
6 tric bicycle, equipped with a motor that—

7 “(I) provides assistance only  
8 when the rider is pedaling; and

9 “(II) ceases to provide assistance  
10 when the speed of the bicycle reaches  
11 or exceeds 20 miles per hour.

12 “(ii) CLASS 2 ELECTRIC BICYCLE.—

13 For purposes of subparagraph (A)(iii), the  
14 term ‘class 2 electric bicycle’ means an  
15 electric bicycle equipped with a motor  
16 that—

17 “(I) may be used exclusively to  
18 propel the bicycle; and

19 “(II) is not capable of providing  
20 assistance when the speed of the bicy-  
21 cle reaches or exceeds 20 miles per  
22 hour.

23 “(iii) CLASS 3 ELECTRIC BICYCLE.—

24 For purposes of subparagraph (A)(iii), the  
25 term ‘class 3 electric bicycle’ means an

1 electric bicycle equipped with a motor  
2 that—

3 “(I) provides assistance only  
4 when the rider is pedaling; and

5 “(II) ceases to provide assistance  
6 when the speed of the bicycle reaches  
7 or exceeds 28 miles per hour.”.

8 **SEC. 1134. RECREATIONAL TRAILS PROGRAM.**

9 Section 206 of title 23, United States Code, is  
10 amended by adding at the end the following:

11 “(j) USE OF OTHER APPORTIONED FUNDS.—Funds  
12 apportioned to a State under section 104(b) that are obli-  
13 gated for a recreational trail or a related project shall be  
14 administered as if the funds were made available to carry  
15 out this section.”.

16 **SEC. 1135. UPDATES TO MANUAL ON UNIFORM TRAFFIC  
17 CONTROL DEVICES.**

18 In carrying out the first update to the Manual on  
19 Uniform Traffic Control Devices under section 109(d)(2)  
20 of title 23, United States Code, to the greatest extent  
21 practicable, the Secretary shall include updates necessary  
22 to provide for—

23 (1) the protection of vulnerable road users (as  
24 defined in section 148(a) of title 23, United States  
25 Code);

1           (2) supporting the safe testing of automated ve-  
2           hicle technology and any preparation necessary for  
3           the safe integration of automated vehicles onto pub-  
4           lic streets;

5           (3) appropriate use of variable message signs to  
6           enhance public safety;

7           (4) the minimum retroreflectivity of traffic con-  
8           trol devices and pavement markings; and

9           (5) any additional recommendations made by  
10          the National Committee on Uniform Traffic Control  
11          Devices that have not been incorporated into the  
12          Manual on Uniform Traffic Control Devices.

## 13                   **Subtitle B—Planning and** 14                   **Performance Management**

### 15   **SEC. 1201. TRANSPORTATION PLANNING.**

16          (a) METROPOLITAN TRANSPORTATION PLANNING.—  
17          Section 134 of title 23, United States Code, is amended—

18               (1) in subsection (d)—

19                   (A) in paragraph (3), by adding at the end  
20                   the following:

21                       “(D) CONSIDERATIONS.—In designating  
22                       officials or representatives under paragraph (2)  
23                       for the first time, subject to the bylaws or ena-  
24                       bling statute of the metropolitan planning orga-  
25                       nization, the metropolitan planning organization

1 shall consider the equitable and proportional  
2 representation of the population of the metro-  
3 politan planning area.”; and

4 (B) in paragraph (7)—

5 (i) by striking “an existing metropoli-  
6 tan planning area” and inserting “an ex-  
7 isting urbanized area (as defined by the  
8 Bureau of the Census)”; and

9 (ii) by striking “the existing metro-  
10 politan planning area” and inserting “the  
11 area”;

12 (2) in subsection (g)—

13 (A) in paragraph (1), by striking “a met-  
14ropolitan area” and inserting “an urbanized  
15 area (as defined by the Bureau of the Census)”;  
16 and

17 (B) by adding at the end the following:

18 “(4) COORDINATION BETWEEN MPOS.—If  
19 more than 1 metropolitan planning organization is  
20 designated within an urbanized area (as defined by  
21 the Bureau of the Census) under subsection (d)(7),  
22 the metropolitan planning organizations designated  
23 within the area shall ensure, to the maximum extent  
24 practicable, the consistency of any data used in the

1 planning process, including information used in fore-  
2 casting travel demand.

3 “(5) SAVINGS CLAUSE.—Nothing in this sub-  
4 section requires metropolitan planning organizations  
5 designated within a single urbanized area to jointly  
6 develop planning documents, including a unified  
7 long-range transportation plan or unified TIP.”;

8 (3) in subsection (i)(6), by adding at the end  
9 the following:

10 “(D) USE OF TECHNOLOGY.—A metropoli-  
11 tan planning organization may use social media  
12 and other web-based tools—

13 “(i) to further encourage public par-  
14 ticipation; and

15 “(ii) to solicit public feedback during  
16 the transportation planning process.”; and

17 (4) in subsection (p), by striking “paragraphs  
18 (5)(D) and (6) of section 104(b) of this title” and  
19 inserting “section 104(b)(6)”.

20 (b) STATEWIDE AND NONMETROPOLITAN TRANSPOR-  
21 TATION PLANNING.—Section 135(f)(3) of title 23, United  
22 States Code, is amended by adding at the end the fol-  
23 lowing:

24 “(C) USE OF TECHNOLOGY.—A State may  
25 use social media and other web-based tools—

1 “(i) to further encourage public par-  
2 ticipation; and

3 “(ii) to solicit public feedback during  
4 the transportation planning process.”.

5 (c) CONFORMING AMENDMENT.—Section 135(i) of  
6 title 23, United States Code, is amended by striking  
7 “paragraphs (5)(D) and (6) of section 104(b) of this title”  
8 and inserting “section 104(b)(6)”.

9 **SEC. 1202. FISCAL CONSTRAINT ON LONG-RANGE TRANS-**  
10 **PORTATION PLANS.**

11 Not later than 1 year after the date of enactment  
12 of this Act, the Secretary shall amend section  
13 450.324(f)(11)(v) of title 23, Code of Federal Regulations,  
14 to ensure that the outer years of a metropolitan transpor-  
15 tation plan are defined as “beyond the first 4 years”.

16 **SEC. 1203. STATE HUMAN CAPITAL PLANS.**

17 (a) IN GENERAL.—Chapter 1 of title 23, United  
18 States Code (as amended by section 1132(a)), is amended  
19 by adding at the end the following:

20 **“§ 174. State human capital plans**

21 “(a) IN GENERAL.—Not later than 18 months after  
22 the date of enactment of this section, the Secretary shall  
23 encourage each State to develop a voluntary plan, to be  
24 known as a ‘human capital plan’, that provides for the  
25 immediate and long-term personnel and workforce needs



1 of the State with respect to the capacity of the State to  
2 deliver transportation and public infrastructure eligible  
3 under this title.

4 “(b) PLAN CONTENTS.—

5 “(1) IN GENERAL.—A human capital plan de-  
6 veloped by a State under subsection (a) shall, to the  
7 maximum extent practicable, take into consider-  
8 ation—

9 “(A) significant transportation workforce  
10 trends, needs, issues, and challenges with re-  
11 spect to the State;

12 “(B) the human capital policies, strategies,  
13 and performance measures that will guide the  
14 transportation-related workforce investment de-  
15 cisions of the State;

16 “(C) coordination with educational institu-  
17 tions, industry, organized labor, workforce  
18 boards, and other agencies or organizations to  
19 address the human capital transportation needs  
20 of the State;

21 “(D) a workforce planning strategy that  
22 identifies current and future human capital  
23 needs, including the knowledge, skills, and abili-  
24 ties needed to recruit and retain skilled workers  
25 in the transportation industry;

1           “(E) a human capital management strat-  
2           egy that is aligned with the transportation mis-  
3           sion, goals, and organizational objectives of the  
4           State;

5           “(F) an implementation system for work-  
6           force goals focused on addressing continuity of  
7           leadership and knowledge sharing across the  
8           State;

9           “(G) an implementation system that ad-  
10          dresses workforce competency gaps, particularly  
11          in mission-critical occupations;

12          “(H) in the case of public-private partner-  
13          ships or other alternative project delivery meth-  
14          ods to carry out the transportation program of  
15          the State, a description of workforce needs—

16               “(i) to ensure that the transportation  
17               mission, goals, and organizational objec-  
18               tives of the State are fully carried out; and

19               “(ii) to ensure that procurement  
20               methods provide the best public value;

21          “(I) a system for analyzing and evaluating  
22          the performance of the State department of  
23          transportation with respect to all aspects of  
24          human capital management policies, programs,  
25          and activities; and

1           “(J) the manner in which the plan will im-  
2           prove the ability of the State to meet the na-  
3           tional policy in support of performance manage-  
4           ment established under section 150.

5           “(2) PLANNING PERIOD.—If a State develops a  
6           human capital plan under subsection (a), the plan  
7           shall address a 5-year forecast period.

8           “(c) PLAN UPDATES.—If a State develops a human  
9           capital plan under subsection (a), the State shall update  
10          the plan not less frequently than once every 5 years.

11          “(d) RELATIONSHIP TO LONG-RANGE PLAN.—

12           “(1) IN GENERAL.—Subject to paragraph (2), a  
13           human capital plan developed by a State under sub-  
14           section (a) may be developed separately from, or in-  
15           corporated into, the long-range statewide transpor-  
16           tation plan required under section 135.

17           “(2) EFFECT OF SECTION.—Nothing in this  
18           section requires a State, or authorizes the Secretary  
19           to require a State, to incorporate a human capital  
20           plan into the long-range statewide transportation  
21           plan required under section 135.

22          “(e) PUBLIC AVAILABILITY.—Each State that devel-  
23          ops a human capital plan under subsection (a) shall make  
24          a copy of the plan available to the public in a user-friendly

1 format on the website of the State department of transpor-  
2 tation.

3 “(f) SAVINGS PROVISION.—Nothing in this section  
4 prevents a State from carrying out transportation work-  
5 force planning—

6 “(1) not described in this section; or

7 “(2) not in accordance with this section.”.

8 (b) CLERICAL AMENDMENT.—The analysis for chap-  
9 ter 1 of title 23, United States Code (as amended by sec-  
10 tion 1132(b)), is amended by inserting after the item re-  
11 lating to section 173 the following:

“174. State human capital plans.”.

12 **SEC. 1204. PRIORITIZATION PROCESS PILOT PROGRAM.**

13 (a) DEFINITIONS.—In this section:

14 (1) ELIGIBLE ENTITY.—The term “eligible enti-  
15 ty” means any of the following:

16 (A) A metropolitan planning organization  
17 that serves an area with a population of over  
18 200,000.

19 (B) A State.

20 (2) METROPOLITAN PLANNING ORGANIZA-  
21 TION.—The term “metropolitan planning organiza-  
22 tion” has the meaning given the term in section  
23 134(b) of title 23, United States Code.

24 (3) PRIORITIZATION PROCESS PILOT PRO-  
25 GRAM.—The term “prioritization process pilot pro-

1       gram” means the pilot program established under  
2       subsection (b)(1).

3       (b) ESTABLISHMENT.—

4           (1) IN GENERAL.—The Secretary shall establish  
5       and solicit applications for a prioritization process  
6       pilot program.

7           (2) PURPOSE.—The purpose of the  
8       prioritization process pilot program shall be to sup-  
9       port data-driven approaches to planning that, on  
10      completion, can be evaluated for public benefit.

11      (c) PILOT PROGRAM ADMINISTRATION.—

12           (1) IN GENERAL.—An eligible entity partici-  
13      pating in the prioritization process pilot program  
14      shall—

15           (A) use priority objectives that are devel-  
16      oped—

17           (i) in the case of an urbanized area  
18      with a population of over 200,000, by the  
19      metropolitan planning organization that  
20      serves the area, in consultation with the  
21      State;

22           (ii) in the case of an urbanized area  
23      with a population of 200,000 or fewer, by  
24      the State in consultation with all metro-

1 politan planning organizations in the  
2 State; and

3 (iii) through a public process that pro-  
4 vides an opportunity for public input;

5 (B) assess and score projects and strate-  
6 gies on the basis of—

7 (i) the contribution and benefits of the  
8 project or strategy to each priority objec-  
9 tive developed under subparagraph (A);

10 (ii) the cost of the project or strategy  
11 relative to the contribution and benefits as-  
12 sessed and scored under clause (i); and

13 (iii) public support;

14 (C) use the scores assigned under subpara-  
15 graph (B) to guide project selection in the de-  
16 velopment of the transportation plan and trans-  
17 portation improvement program; and

18 (D) ensure that the public—

19 (i) has opportunities to provide public  
20 comment on projects before decisions are  
21 made on the transportation plan and the  
22 transportation improvement program; and

23 (ii) has access to clear reasons why  
24 each project or strategy was selected or not  
25 selected.



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1 States Code, and section 5303(h)  
2 of title 49, United States Code;

3 (bb) targets for national  
4 performance measures under sec-  
5 tion 150(b) of title 23, United  
6 States Code;

7 (cc) applicable transpor-  
8 tation goals in the metropolitan  
9 planning area or State set by the  
10 applicable transportation agency;  
11 and

12 (dd) priority objectives de-  
13 veloped under paragraph (1)(A);

14 (II) evaluate the outcomes for  
15 each proposed project on the basis of  
16 the benefits of the proposed project  
17 with respect to each of the criteria de-  
18 scribed in subclause (I) relative to the  
19 cost of the proposed project; and

20 (III) use the evaluation under  
21 subclause (II) to create a ranked list  
22 of proposed projects; and

23 (ii) with respect to the priority list  
24 under section 134(j)(2)(A) of title 23 and  
25 section 5303(j)(2)(A) of title 49, United



1 States Code, include projects according to  
2 the rank of the project under clause  
3 (i)(III), except as provided in subpara-  
4 graph (D).

5 (B) STATEWIDE TRANSPORTATION PLAN-  
6 NING.—In the case of a State, the State shall—

7 (i) develop and implement a publicly  
8 accessible, transparent process for the se-  
9 lection of projects for inclusion on the  
10 long-range statewide transportation plan  
11 under section 135(f) of title 23, United  
12 States Code, which shall—

13 (I) include criteria identified by  
14 the State, which may be weighted to  
15 reflect statewide priorities, that the  
16 State has determined support—

17 (aa) factors described in sec-  
18 tion 135(d) of title 23, United  
19 States Code, and section 5304(d)  
20 of title 49, United States Code;

21 (bb) national transportation  
22 goals under section 150(b) of  
23 title 23, United States Code;

24 (cc) applicable transpor-  
25 tation goals in the State; and

1 (dd) the priority objectives  
2 developed under paragraph  
3 (1)(A);

4 (II) evaluate the outcomes for  
5 each proposed project on the basis of  
6 the benefits of the proposed project  
7 with respect to each of the criteria de-  
8 scribed in subclause (I) relative to the  
9 cost of the proposed project; and

10 (III) use the evaluation under  
11 subclause (II) to create a ranked list  
12 of proposed projects; and

13 (ii) with respect to the statewide  
14 transportation improvement program  
15 under section 135(g) of title 23, United  
16 States Code, and section 5304(g) of title  
17 49, United States Code, include projects  
18 according to the rank of the project under  
19 clause (i)(III), except as provided in sub-  
20 paragraph (D).

21 (C) ADDITIONAL TRANSPORTATION PLAN-  
22 NING.—If the eligible entity has implemented,  
23 and has in effect, the requirements under sub-  
24 paragraph (A) or (B), as applicable, the eligible  
25 entity may use any remaining funds from a

1 grant provided under the pilot program for any  
2 transportation planning purpose.

3 (D) EXCEPTIONS TO PRIORITY RANKING.—

4 In the case of any project that the eligible enti-  
5 ty chooses to include or not include in the  
6 transportation improvement program under sec-  
7 tion 134(j) of title 23, United States Code, or  
8 the statewide transportation improvement pro-  
9 gram under section 135(g) of title 23, United  
10 States Code, as applicable, in a manner that is  
11 contrary to the priority ranking for that project  
12 established under subparagraph (A)(i)(III) or  
13 (B)(i)(III), the eligible entity shall make pub-  
14 licly available an explanation for the decision,  
15 including—

16 (i) a review of public comments re-  
17 garding the project;

18 (ii) an evaluation of public support for  
19 the project;

20 (iii) an assessment of geographic bal-  
21 ance of projects of the eligible entity; and

22 (iv) the number of projects of the eli-  
23 gible entity in economically distressed  
24 areas.

1           (3) MAXIMUM AMOUNT.—The maximum  
2 amount of a grant under the prioritization process  
3 pilot program is \$2,000,000.

4           (d) APPLICATIONS.—To be eligible to participate in  
5 the prioritization process pilot program, an eligible entity  
6 shall submit to the Secretary an application at such time,  
7 in such manner, and containing such information as the  
8 Secretary may require.

9 **SEC. 1205. TRAVEL DEMAND DATA AND MODELING.**

10           (a) DEFINITION OF METROPOLITAN PLANNING OR-  
11 GANIZATION.—In this section, the term “metropolitan  
12 planning organization” has the meaning given the term  
13 in section 134(b) of title 23, United States Code.

14           (b) STUDY.—

15           (1) IN GENERAL.—Not later than 2 years after  
16 the date of enactment of this Act, and not less fre-  
17 quently than once every 5 years thereafter, the Sec-  
18 retary shall carry out a study that—

19                   (A) gathers travel data and travel demand  
20 forecasts from a representative sample of States  
21 and metropolitan planning organizations;

22                   (B) uses the data and forecasts gathered  
23 under subparagraph (A) to compare travel de-  
24 mand forecasts with the observed data, includ-  
25 ing—

- 1 (i) traffic counts;
- 2 (ii) travel mode share and public trans-
- 3 sit ridership; and
- 4 (iii) vehicle occupancy measures; and
- 5 (C) uses the information described in sub-
- 6 paragraphs (A) and (B)—
- 7 (i) to develop best practices or guid-
- 8 ance for States and metropolitan planning
- 9 organizations to use in forecasting travel
- 10 demand for future investments in transpor-
- 11 tation improvements;
- 12 (ii) to evaluate the impact of trans-
- 13 portation investments, including new road-
- 14 way capacity, on travel behavior and travel
- 15 demand, including public transportation
- 16 ridership, induced highway travel, and con-
- 17 gestion;
- 18 (iii) to support more accurate travel
- 19 demand forecasting by States and metro-
- 20 politan planning organizations; and
- 21 (iv) to enhance the capacity of States
- 22 and metropolitan planning organizations—
- 23 (I) to forecast travel demand;
- 24 and

1 (II) to track observed travel be-  
2 havior responses, including induced  
3 travel, to changes in transportation  
4 capacity, pricing, and land use pat-  
5 terns.

6 (2) SECRETARIAL SUPPORT.—The Secretary  
7 shall seek opportunities to support the transpor-  
8 tation planning processes under sections 134 and  
9 135 of title 23, United States Code, through the  
10 provision of data to States and metropolitan plan-  
11 ning organizations to improve the quality of plans,  
12 models, and forecasts described in this subsection.

13 (3) EVALUATION TOOL.—The Secretary shall  
14 develop a publicly available multimodal web-based  
15 tool for the purpose of enabling States and metro-  
16 politan planning organizations to evaluate the effect  
17 of investments in highway and public transportation  
18 projects on the use and conditions of all transpor-  
19 tation assets within the State or area served by the  
20 metropolitan planning organization, as applicable.

21 **SEC. 1206. INCREASING SAFE AND ACCESSIBLE TRANSPOR-**  
22 **TATION OPTIONS.**

23 (a) DEFINITION OF COMPLETE STREETS STAND-  
24 ARDS OR POLICIES.—In this section, the term “Complete  
25 Streets standards or policies” means standards or policies

1 that ensure the safe and adequate accommodation of all  
2 users of the transportation system, including pedestrians,  
3 bicyclists, public transportation users, children, older indi-  
4 viduals, individuals with disabilities, motorists, and freight  
5 vehicles.

6 (b) **FUNDING REQUIREMENT.**—Notwithstanding any  
7 other provision of law, each State and metropolitan plan-  
8 ning organization shall use to carry out 1 or more activi-  
9 ties described in subsection (c)—

10 (1) in the case of a State, not less than 2.5 per-  
11 cent of the amounts made available to the State to  
12 carry out section 505 of title 23, United States  
13 Code; and

14 (2) in the case of a metropolitan planning orga-  
15 nization, not less than 2.5 percent of the amounts  
16 made available to the metropolitan planning organi-  
17 zation under section 104(d) of title 23, United  
18 States Code.

19 (c) **ACTIVITIES DESCRIBED.**—An activity referred to  
20 in subsection (b) is an activity to increase safe and acces-  
21 sible options for multiple travel modes for people of all  
22 ages and abilities, which, if permissible under applicable  
23 State and local laws, may include—

24 (1) adoption of Complete Streets standards or  
25 policies;

1           (2) development of a Complete Streets  
2 prioritization plan that identifies a specific list of  
3 Complete Streets projects to improve the safety, mo-  
4 bility, or accessibility of a street;

5           (3) development of transportation plans—

6               (A) to create a network of active transpor-  
7 tation facilities, including sidewalks, bikeways,  
8 or pedestrian and bicycle trails, to connect  
9 neighborhoods with destinations such as work-  
10 places, schools, residences, businesses, recre-  
11 ation areas, healthcare and child care services,  
12 or other community activity centers;

13               (B) to integrate active transportation fa-  
14 cilities with public transportation service or im-  
15 prove access to public transportation;

16               (C) to create multiuse active transpor-  
17 tation infrastructure facilities, including bike-  
18 ways or pedestrian and bicycle trails, that make  
19 connections within or between communities;

20               (D) to increase public transportation rider-  
21 ship; and

22               (E) to improve the safety of bicyclists and  
23 pedestrians;

24           (4) regional and megaregional planning to ad-  
25 dress travel demand and capacity constraints



1 through alternatives to new highway capacity, in-  
2 cluding through intercity passenger rail; and

3 (5) development of transportation plans and  
4 policies that support transit-oriented development.

5 (d) FEDERAL SHARE.—The Federal share of the cost  
6 of an activity carried out under this section shall be 80  
7 percent, unless the Secretary determines that the interests  
8 of the Federal-aid highway program would be best served  
9 by decreasing or eliminating the non-Federal share.

10 (e) STATE FLEXIBILITY.—A State or metropolitan  
11 planning organization, with the approval of the Secretary,  
12 may opt out of the requirements of this section if the State  
13 or metropolitan planning organization demonstrates to the  
14 Secretary, by not later than 30 days before the Secretary  
15 apportions funds for a fiscal year under section 104, that  
16 the State or metropolitan planning organization—

17 (1) has Complete Streets standards and policies  
18 in place; and

19 (2) has developed an up-to-date Complete  
20 Streets prioritization plan as described in subsection

21 (c)(2).

1     **Subtitle C—Project Delivery and**  
2             **Process Improvement**

3     **SEC. 1301. CODIFICATION OF ONE FEDERAL DECISION.**

4             (a) IN GENERAL.—Section 139 of title 23, United  
5 States Code, is amended—

6                     (1) in the section heading, by striking “**deci-**  
7             **sionmaking**” and inserting “**decisionmaking**  
8             **and One Federal Decision**”;

9                     (2) in subsection (a)—

10                             (A) by redesignating paragraphs (2)  
11                             through (8) as paragraphs (4), (5), (6), (8),  
12                             (9), (10), and (11), respectively;

13                             (B) by inserting after paragraph (1) the  
14                             following:

15                             “(2) AUTHORIZATION.—The term ‘authoriza-  
16                             tion’ means any environmental license, permit, ap-  
17                             proval, finding, or other administrative decision re-  
18                             lated to the environmental review process that is re-  
19                             quired under Federal law to site, construct, or re-  
20                             construct a project.

21                             “(3) ENVIRONMENTAL DOCUMENT.—The term  
22                             ‘environmental document’ includes an environmental  
23                             assessment, finding of no significant impact, notice  
24                             of intent, environmental impact statement, or record

1 of decision under the National Environmental Policy  
2 Act of 1969 (42 U.S.C. 4321 et seq.).”;

3 (C) in subparagraph (B) of paragraph (5)  
4 (as so redesignated), by striking “process for  
5 and completion of any environmental permit”  
6 and inserting “process and schedule, including  
7 a timetable for and completion of any environ-  
8 mental permit”; and

9 (D) by inserting after paragraph (6) (as so  
10 redesignated) the following:

11 “(7) MAJOR PROJECT.—

12 “(A) IN GENERAL.—The term ‘major  
13 project’ means a project for which—

14 “(i) multiple permits, approvals, re-  
15 views, or studies are required under a Fed-  
16 eral law other than the National Environ-  
17 mental Policy Act of 1969 (42 U.S.C.  
18 4321 et seq.);

19 “(ii) the project sponsor has identified  
20 the reasonable availability of funds suffi-  
21 cient to complete the project;

22 “(iii) the project is not a covered  
23 project (as defined in section 41001 of the  
24 FAST Act (42 U.S.C. 4370m)); and

1                   “(iv)(I) the head of the lead agency  
2                   has determined that an environmental im-  
3                   pact statement is required; or

4                   “(II) the head of the lead agency has  
5                   determined that an environmental assess-  
6                   ment is required, and the project sponsor  
7                   requests that the project be treated as a  
8                   major project.

9                   “(B) CLARIFICATION.—In this section, the  
10                  term ‘major project’ does not have the same  
11                  meaning as the term ‘major project’ as de-  
12                  scribed in section 106(h).”;

13                  (3) in subsection (b)(1)—

14                         (A) by inserting “, including major  
15                         projects,” after “all projects”; and

16                         (B) by inserting “as requested by a project  
17                         sponsor and” after “applied,”;

18                  (4) in subsection (c)—

19                         (A) in paragraph (6)—

20                                 (i) in subparagraph (B), by striking  
21                                 “and” at the end;

22                                 (ii) in subparagraph (C), by striking  
23                                 the period at the end and inserting “;  
24                                 and”; and

1 (iii) by adding at the end the fol-  
2 lowing:

3 “(D) to calculate annually the average  
4 time taken by the lead agency to complete all  
5 environmental documents for each project dur-  
6 ing the previous fiscal year.”; and

7 (B) by adding at the end the following:

8 “(7) PROCESS IMPROVEMENTS FOR  
9 PROJECTS.—

10 “(A) IN GENERAL.—The Secretary shall  
11 review—

12 “(i) existing practices, procedures,  
13 rules, regulations, and applicable laws to  
14 identify impediments to meeting the re-  
15 quirements applicable to projects under  
16 this section; and

17 “(ii) best practices, programmatic  
18 agreements, and potential changes to inter-  
19 nal departmental procedures that would fa-  
20 cilitate an efficient environmental review  
21 process for projects.

22 “(B) CONSULTATION.—In conducting the  
23 review under subparagraph (A), the Secretary  
24 shall consult, as appropriate, with the heads of

1 other Federal agencies that participate in the  
2 environmental review process.

3 “(C) REPORT.—Not later than 2 years  
4 after the date of enactment of the Infrastruc-  
5 ture Investment and Jobs Act, the Secretary  
6 shall submit to the Committee on Environment  
7 and Public Works of the Senate and the Com-  
8 mittee on Transportation and Infrastructure of  
9 the House of Representatives a report that in-  
10 cludes—

11 “(i) the results of the review under  
12 subparagraph (A); and

13 “(ii) an analysis of whether additional  
14 funding would help the Secretary meet the  
15 requirements applicable to projects under  
16 this section.”;

17 (5) in subsection (d)—

18 (A) in paragraph (8)—

19 (i) in the paragraph heading, by strik-  
20 ing “NEPA” and inserting “ENVIRON-  
21 MENTAL”;

22 (ii) in subparagraph (A)—

23 (I) by inserting “and except as  
24 provided in subparagraph (D)” after  
25 “paragraph (7)”;

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1 (II) by striking “permits” and in-  
2 sserting “authorizations”; and

3 (III) by striking “single environ-  
4 ment document” and inserting “single  
5 environmental document for each kind  
6 of environmental document”;

7 (iii) in subparagraph (B)(i)—

8 (I) by striking “an environmental  
9 document” and inserting “environ-  
10 mental documents”; and

11 (II) by striking “permits issued”  
12 and inserting “authorizations”; and

13 (iv) by adding at the end the fol-  
14 lowing:

15 “(D) EXCEPTIONS.—The lead agency may  
16 waive the application of subparagraph (A) with  
17 respect to a project if—

18 “(i) the project sponsor requests that  
19 agencies issue separate environmental doc-  
20 uments;

21 “(ii) the obligations of a cooperating  
22 agency or participating agency under the  
23 National Environmental Policy Act of  
24 1969 (42 U.S.C. 4321 et seq.) have al-

1 ready been satisfied with respect to the  
2 project; or

3 “(iii) the lead agency determines that  
4 reliance on a single environmental docu-  
5 ment (as described in subparagraph (A))  
6 would not facilitate timely completion of  
7 the environmental review process for the  
8 project.”; and

9 (B) by adding at the end the following:

10 “(10) TIMELY AUTHORIZATIONS FOR MAJOR  
11 PROJECTS.—

12 “(A) DEADLINE.—Except as provided in  
13 subparagraph (C), all authorization decisions  
14 necessary for the construction of a major  
15 project shall be completed by not later than 90  
16 days after the date of the issuance of a record  
17 of decision for the major project.

18 “(B) DETAIL.—The final environmental  
19 impact statement for a major project shall in-  
20 clude an adequate level of detail to inform deci-  
21 sions necessary for the role of the participating  
22 agencies and cooperating agencies in the envi-  
23 ronmental review process.



1           “(C) EXTENSION OF DEADLINE.—The  
2 head of the lead agency may extend the dead-  
3 line under subparagraph (A) if—

4           “(i) Federal law prohibits the lead  
5 agency or another agency from issuing an  
6 approval or permit within the period de-  
7 scribed in that subparagraph;

8           “(ii) the project sponsor requests that  
9 the permit or approval follow a different  
10 timeline; or

11           “(iii) an extension would facilitate  
12 completion of the environmental review and  
13 authorization process of the major  
14 project.”;

15           (6) in subsection (g)(1)—

16           (A) in subparagraph (B)—

17           (i) in clause (ii)(IV), by striking  
18 “schedule for and cost of” and inserting  
19 “time required by an agency to conduct an  
20 environmental review and make decisions  
21 under applicable Federal law relating to a  
22 project (including the issuance or denial of  
23 a permit or license) and the cost of”; and

24           (ii) by adding at the end the fol-  
25 lowing:

1                   “(iii) MAJOR PROJECT SCHEDULE.—  
2                   To the maximum extent practicable and  
3                   consistent with applicable Federal law, in  
4                   the case of a major project, the lead agen-  
5                   cy shall develop, in concurrence with the  
6                   project sponsor, a schedule for the major  
7                   project that is consistent with an agency  
8                   average of not more than 2 years for the  
9                   completion of the environmental review  
10                  process for major projects, as measured  
11                  from, as applicable—

12                                 “(I) the date of publication of a  
13                                 notice of intent to prepare an environ-  
14                                 mental impact statement to the record  
15                                 of decision; or

16                                 “(II) the date on which the head  
17                                 of the lead agency determines that an  
18                                 environmental assessment is required  
19                                 to a finding of no significant impact.”;

20                   (B) by striking subparagraph (D) and in-  
21                   serting the following:

22                                 “(D) MODIFICATION.—

23                                 “(i) IN GENERAL.—Except as pro-  
24                                 vided in clause (ii), the lead agency may

1 lengthen or shorten a schedule established  
2 under subparagraph (B) for good cause.

3 “(ii) EXCEPTIONS.—

4 “(I) MAJOR PROJECTS.—In the  
5 case of a major project, the lead agen-  
6 cy may lengthen a schedule under  
7 clause (i) for a cooperating Federal  
8 agency by not more than 1 year after  
9 the latest deadline established for the  
10 major project by the lead agency.

11 “(II) SHORTENED SCHED-  
12 ULES.—The lead agency may not  
13 shorten a schedule under clause (i) if  
14 doing so would impair the ability of a  
15 cooperating Federal agency to conduct  
16 necessary analyses or otherwise carry  
17 out relevant obligations of the Federal  
18 agency for the project.”;

19 (C) by redesignating subparagraph (E) as  
20 subparagraph (F); and

21 (D) by inserting after subparagraph (D)  
22 the following:

23 “(E) FAILURE TO MEET DEADLINE.—If a  
24 cooperating Federal agency fails to meet a

1 deadline established under subparagraph  
2 (D)(ii)(I)—

3 “(i) the cooperating Federal agency  
4 shall submit to the Secretary a report that  
5 describes the reasons why the deadline was  
6 not met; and

7 “(ii) the Secretary shall—

8 “(I) transmit to the Committee  
9 on Environment and Public Works of  
10 the Senate and the Committee on  
11 Transportation and Infrastructure of  
12 the House of Representatives a copy  
13 of the report under clause (i); and

14 “(II) make the report under  
15 clause (i) publicly available on the  
16 internet.”;

17 (7) in subsection (n), by adding at the end the  
18 following:

19 “(3) LENGTH OF ENVIRONMENTAL DOCU-  
20 MENT.—

21 “(A) IN GENERAL.—Notwithstanding any  
22 other provision of law and except as provided in  
23 subparagraph (B), to the maximum extent  
24 practicable, the text of the items described in  
25 paragraphs (4) through (6) of section

1 1502.10(a) of title 40, Code of Federal Regula-  
2 tions (or successor regulations), of an environ-  
3 mental impact statement for a project shall be  
4 200 pages or fewer.

5 “(B) EXEMPTION.—An environmental im-  
6 pact statement for a project may exceed 200  
7 pages, if the lead agency establishes a new page  
8 limit for the environmental impact statement  
9 for that project.”; and

10 (8) by adding at the end the following:

11 “(p) ACCOUNTABILITY AND REPORTING FOR MAJOR  
12 PROJECTS.—

13 “(1) IN GENERAL.—The Secretary shall estab-  
14 lish a performance accountability system to track  
15 each major project.

16 “(2) REQUIREMENTS.—The performance ac-  
17 countability system under paragraph (1) shall, for  
18 each major project, track, at a minimum—

19 “(A) the environmental review process for  
20 the major project, including the project sched-  
21 ule;

22 “(B) whether the lead agency, cooperating  
23 agencies, and participating agencies are meet-  
24 ing the schedule established for the environ-  
25 mental review process; and

1                   “(C) the time taken to complete the envi-  
2                   ronmental review process.

3           “(q) DEVELOPMENT OF CATEGORICAL EXCLU-  
4           SIONS.—

5                   “(1) IN GENERAL.—Not later than 60 days  
6                   after the date of enactment of this subsection, and  
7                   every 4 years thereafter, the Secretary shall—

8                   “(A) in consultation with the agencies de-  
9                   scribed in paragraph (2), identify the categor-  
10                  ical exclusions described in section 771.117 of  
11                  title 23, Code of Federal Regulations (or suc-  
12                  cessor regulations), that would accelerate deliv-  
13                  ery of a project if those categorical exclusions  
14                  were available to those agencies;

15                  “(B) collect existing documentation and  
16                  substantiating information on the categorical  
17                  exclusions described in subparagraph (A); and

18                  “(C) provide to each agency described in  
19                  paragraph (2)—

20                          “(i) a list of the categorical exclusions  
21                          identified under subparagraph (A); and

22                          “(ii) the documentation and substan-  
23                          tiating information under subparagraph  
24                          (B).

1           “(2) AGENCIES DESCRIBED.—The agencies re-  
2           ferred to in paragraph (1) are—

3                   “(A) the Department of the Interior;

4                   “(B) the Department of the Army;

5                   “(C) the Department of Commerce;

6                   “(D) the Department of Agriculture;

7                   “(E) the Department of Energy;

8                   “(F) the Department of Defense; and

9                   “(G) any other Federal agency that has  
10           participated in an environmental review process  
11           for a project, as determined by the Secretary.

12           “(3) ADOPTION OF CATEGORICAL EXCLU-  
13           SIONS.—

14                   “(A) IN GENERAL.—Not later than 1 year  
15           after the date on which the Secretary provides  
16           a list under paragraph (1)(C), an agency de-  
17           scribed in paragraph (2) shall publish a notice  
18           of proposed rulemaking to propose any categor-  
19           ical exclusions from the list applicable to the  
20           agency, subject to the condition that the cat-  
21           egorical exclusion identified under paragraph  
22           (1)(A) meets the criteria for a categorical exclu-  
23           sion under section 1508.1 of title 40, Code of  
24           Federal Regulations (or successor regulations).

1           “(B) PUBLIC COMMENT.—In a notice of  
2           proposed rulemaking under subparagraph (A),  
3           the applicable agency may solicit comments on  
4           whether any of the proposed new categorical ex-  
5           clusions meet the criteria for a categorical ex-  
6           clusion under section 1508.1 of title 40, Code  
7           of Federal Regulations (or successor regula-  
8           tions).”.

9           (b) CLERICAL AMENDMENT.—The analysis for chap-  
10          ter 1 of title 23, United States Code, is amended by strik-  
11          ing the item relating to section 139 and inserting the fol-  
12          lowing:

          “139. Efficient environmental reviews for project decisionmaking and One Fed-  
          eral Decision.”.

13          **SEC. 1302. WORK ZONE PROCESS REVIEWS.**

14          The Secretary shall amend section 630.1008(e) of  
15          title 23, Code of Federal Regulations, to ensure that the  
16          work zone process review under that subsection is required  
17          not more frequently than once every 5 years.

18          **SEC. 1303. TRANSPORTATION MANAGEMENT PLANS.**

19          (a) IN GENERAL.—The Secretary shall amend sec-  
20          tion 630.1010(e) of title 23, Code of Federal Regulations,  
21          to ensure that only a project described in that subsection  
22          with a lane closure for 3 or more consecutive days shall  
23          be considered to be a significant project for purposes of  
24          that section.



1 (b) NON-INTERSTATE PROJECTS.—Notwithstanding  
2 any other provision of law, a State shall not be required  
3 to develop or implement a transportation management  
4 plan (as described in section 630.1012 of title 23, Code  
5 of Federal Regulations (or successor regulations)) for a  
6 highway project not on the Interstate System if the project  
7 requires not more than 3 consecutive days of lane closures.

8 **SEC. 1304. INTELLIGENT TRANSPORTATION SYSTEMS.**

9 (a) IN GENERAL.—The Secretary shall develop guid-  
10 ance for using existing flexibilities with respect to the sys-  
11 tems engineering analysis described in part 940 of title  
12 23, Code of Federal Regulations (or successor regula-  
13 tions).

14 (b) IMPLEMENTATION.—The Secretary shall ensure  
15 that any guidance developed under subsection (a)—

16 (1) clearly identifies criteria for low-risk and ex-  
17 empt intelligent transportation systems projects,  
18 with a goal of minimizing unnecessary delay or pa-  
19 perwork burden;

20 (2) is consistently implemented by the Depart-  
21 ment nationwide; and

22 (3) is disseminated to Federal-aid recipients.

23 (c) SAVINGS PROVISION.—Nothing in this section  
24 prevents the Secretary from amending part 940 of title

1 23, Code of Federal Regulations (or successor regula-  
2 tions), to reduce State administrative burdens.

3 **SEC. 1305. ALTERNATIVE CONTRACTING METHODS.**

4 (a) ALTERNATIVE CONTRACTING METHODS FOR  
5 FEDERAL LAND MANAGEMENT AGENCIES AND TRIBAL  
6 GOVERNMENTS.—Section 201 of title 23, United States  
7 Code, is amended by adding at the end the following:

8 “(f) ALTERNATIVE CONTRACTING METHODS.—

9 “(1) IN GENERAL.—Notwithstanding any other  
10 provision of law (including the Federal Acquisition  
11 Regulation), a contracting method available to a  
12 State under this title may be used by the Secretary,  
13 on behalf of—

14 “(A) a Federal land management agency,  
15 in using any funds pursuant to section 203,  
16 204, or 308;

17 “(B) a Federal land management agency,  
18 in using any funds pursuant to section 1535 of  
19 title 31 for any of the eligible uses described in  
20 sections 203(a)(1) and 204(a)(1) and para-  
21 graphs (1) and (2) of section 308(a); or

22 “(C) a Tribal government, in using funds  
23 pursuant to section 202(b)(7)(D).

1           “(2) METHODS DESCRIBED.—The contracting  
2 methods referred to in paragraph (1) shall include,  
3 at a minimum—

4           “(A) project bundling;

5           “(B) bridge bundling;

6           “(C) design-build contracting;

7           “(D) 2-phase contracting;

8           “(E) long-term concession agreements; and

9           “(F) any method tested, or that could be  
10 tested, under an experimental program relating  
11 to contracting methods carried out by the Sec-  
12 retary.

13           “(3) EFFECT.—Nothing in this subsection—

14           “(A) affects the application of the Federal  
15 share for the project carried out with a con-  
16 tracting method under this subsection; or

17           “(B) modifies the point of obligation of  
18 Federal salaries and expenses.”.

19           (b) COOPERATION WITH FEDERAL AND STATE  
20 AGENCIES AND FOREIGN COUNTRIES.—Section 308(a) of  
21 title 23, United States Code, is amended by adding at the  
22 end the following:

23           “(4) ALTERNATIVE CONTRACTING METHODS.—

24           “(A) IN GENERAL.—Notwithstanding any  
25 other provision of law (including the Federal

1 Acquisition Regulation), in performing services  
2 under paragraph (1), the Secretary may use  
3 any contracting method available to a State  
4 under this title.

5 “(B) METHODS DESCRIBED.—The con-  
6 tracting methods referred to in subparagraph  
7 (A) shall include, at a minimum—

8 “(i) project bundling;

9 “(ii) bridge bundling;

10 “(iii) design-build contracting;

11 “(iv) 2-phase contracting;

12 “(v) long-term concession agreements;

13 and

14 “(vi) any method tested, or that could  
15 be tested, under an experimental program  
16 relating to contracting methods carried out  
17 by the Secretary.”.

18 (c) USE OF ALTERNATIVE CONTRACTING METH-  
19 ODS.—In carrying out an alternative contracting method  
20 under section 201(f) or 308(a)(4) of title 23, United  
21 States Code, the Secretary shall—

22 (1) in consultation with the applicable Federal  
23 land management agencies, establish clear proce-  
24 dures that are—

1 (A) applicable to the alternative con-  
2 tracting method; and

3 (B) to the maximum extent practicable,  
4 consistent with the requirements applicable to  
5 Federal procurement transactions;

6 (2) solicit input on the use of the alternative  
7 contracting method from the affected industry prior  
8 to using the method; and

9 (3) analyze and prepare an evaluation of the  
10 use of the alternative contracting method.

11 **SEC. 1306. FLEXIBILITY FOR PROJECTS.**

12 Section 1420 of the FAST Act (23 U.S.C. 101 note;  
13 Public Law 114–94) is amended—

14 (1) in subsection (a), by striking “and on re-  
15 quest by a State, the Secretary may” in the matter  
16 preceding paragraph (1) and all that follows through  
17 the period at the end of paragraph (2) and inserting  
18 the following: “, on request by a State, and if in the  
19 public interest (as determined by the Secretary), the  
20 Secretary shall exercise all existing flexibilities  
21 under—

22 “(1) the requirements of title 23, United States  
23 Code; and

24 “(2) other requirements administered by the  
25 Secretary, in whole or in part.”; and

1           (2) in subsection (b)(2)(A), by inserting “(in-  
2           cluding regulations)” after “environmental law”.

3 **SEC. 1307. IMPROVED FEDERAL-STATE STEWARDSHIP AND**  
4 **OVERSIGHT AGREEMENTS.**

5           (a) DEFINITION OF TEMPLATE.—In this section, the  
6 term “template” means a template created by the Sec-  
7 retary for Federal-State stewardship and oversight agree-  
8 ments that—

9           (1) includes all standard terms found in stew-  
10 ards-ship and oversight agreements, including any  
11 terms in an attachment to the agreement;

12           (2) is developed in accordance with section 106  
13 of title 23, United States Code, or any other applica-  
14 ble authority; and

15           (3) may be developed with consideration of rel-  
16 evant regulations, guidance, or policies.

17           (b) REQUEST FOR COMMENT.—

18           (1) IN GENERAL.—Not later than 60 days after  
19 the date of enactment of this Act, the Secretary  
20 shall publish in the Federal Register the template  
21 and a notice requesting public comment on ways to  
22 improve the template.

23           (2) COMMENT PERIOD.—The Secretary shall  
24 provide a period of not less than 60 days for public  
25 comment on the notice under paragraph (1).

1           (3) CERTAIN ISSUES.—The notice under para-  
2           graph (1) shall allow comment on any aspect of the  
3           template and shall specifically request public com-  
4           ment on—

5                   (A) whether the template should be revised  
6                   to delete standard terms requiring approval by  
7                   the Secretary of the policies, procedures, proc-  
8                   esses, or manuals of the States, or other State  
9                   actions, if Federal law (including regulations)  
10                  does not specifically require an approval;

11                   (B) opportunities to modify the template to  
12                   allow adjustments to the review schedules for  
13                   State practices or actions, including through  
14                   risk-based approaches, program reviews, process  
15                   reviews, or other means; and

16                   (C) any other matters that the Secretary  
17                   determines to be appropriate.

18           (c) NOTICE OF ACTION; UPDATES.—

19                   (1) IN GENERAL.—Not later than 1 year after  
20                   the date of enactment of this Act, after considering  
21                   the comments received in response to the Federal  
22                   Register notice under subsection (b), the Secretary  
23                   shall publish in the Federal Register a notice that—

1 (A) describes any proposed changes to be  
2 made, and any alternatives to such changes, to  
3 the template;

4 (B) addresses comments in response to  
5 which changes were not made to the template;  
6 and

7 (C) prescribes a schedule and a plan to  
8 execute a process for implementing the changes  
9 referred to in subparagraph (A).

10 (2) APPROVAL REQUIREMENTS.—In addressing  
11 comments under paragraph (1)(B), the Secretary  
12 shall include an explanation of the basis for retain-  
13 ing any requirement for approval of State policies,  
14 procedures, processes, or manuals, or other State ac-  
15 tions, if Federal law (including regulations) does not  
16 specifically require the approval.

17 (3) IMPLEMENTATION.—

18 (A) IN GENERAL.—Not later than 60 days  
19 after the date on which the notice under para-  
20 graph (1) is published, the Secretary shall make  
21 changes to the template in accordance with—

22 (i) the changes described in the notice  
23 under paragraph (1)(A); and

24 (ii) the schedule and plan described in  
25 the notice under paragraph (1)(C).



1 (B) UPDATES.—Not later than 1 year  
2 after the date on which the revised template  
3 under subparagraph (A) is published, the Sec-  
4 retary shall update existing agreements with  
5 States according to the template updated under  
6 subparagraph (A).

7 (d) INCLUSION OF NON-STANDARD TERMS.—Noth-  
8 ing in this section precludes the inclusion in a Federal-  
9 State stewardship and oversight agreement of non-stand-  
10 ard terms to address a State-specific matter, including  
11 risk-based stewardship and Department oversight involve-  
12 ment in individual projects of division interest.

13 (e) COMPLIANCE WITH NON-STATUTORY TERMS.—

14 (1) IN GENERAL.—The Secretary shall not en-  
15 force or otherwise require a State to comply with ap-  
16 proval requirements that are not required by Federal  
17 law (including regulations) in a Federal-State stew-  
18 ardship and oversight agreement.

19 (2) APPROVAL AUTHORITY.—Notwithstanding  
20 any other provision of law, the Secretary shall not  
21 assert approval authority over any matter in a Fed-  
22 eral-State stewardship and oversight agreement re-  
23 served to States.

24 (f) FREQUENCY OF REVIEWS.—Section 106(g)(3) of  
25 title 23, United States Code, is amended—

1 (1) by striking “annual”;

2 (2) by striking “The Secretary” and inserting  
3 the following:

4 “(A) IN GENERAL.—The Secretary”; and

5 (3) by adding at the end the following:

6 “(B) FREQUENCY.—

7 “(i) IN GENERAL.—Except as pro-  
8 vided in clauses (ii) and (iii), the Secretary  
9 shall carry out a review under subpara-  
10 graph (A) not less frequently than once  
11 every 2 years.

12 “(ii) CONSULTATION WITH STATE.—  
13 The Secretary, after consultation with a  
14 State, may make a determination to carry  
15 out a review under subparagraph (A) for  
16 that State less frequently than provided  
17 under clause (i).

18 “(iii) CAUSE.—If the Secretary deter-  
19 mines that there is a specific reason to re-  
20 quire a review more frequently than pro-  
21 vided under clause (i) with respect to a  
22 State, the Secretary may carry out a re-  
23 view more frequently than provided under  
24 that clause.”.

1 **SEC. 1308. GEOMATIC DATA.**

2 (a) IN GENERAL.—The Secretary shall develop guid-  
3 ance for the acceptance and use of information obtained  
4 from a non-Federal entity through geomatic techniques,  
5 including remote sensing and land surveying, cartography,  
6 geographic information systems, global navigation satellite  
7 systems, photogrammetry, or other remote means.

8 (b) CONSIDERATIONS.—In carrying out this section,  
9 the Secretary shall ensure that acceptance or use of infor-  
10 mation described in subsection (a) meets the data quality  
11 and operational requirements of the Secretary.

12 (c) PUBLIC COMMENT.—Before issuing any final  
13 guidance under subsection (a), the Secretary shall provide  
14 to the public—

15 (1) notice of the proposed guidance; and

16 (2) an opportunity to comment on the proposed  
17 guidance.

18 (d) SAVINGS CLAUSE.—Nothing in this section—

19 (1) requires the Secretary to accept or use in-  
20 formation that the Secretary determines does not  
21 meet the guidance developed under this section; or

22 (2) changes the current statutory or regulatory  
23 requirements of the Department.

1 **SEC. 1309. EVALUATION OF PROJECTS WITHIN AN OPER-**  
2 **ATIONAL RIGHT-OF-WAY.**

3 (a) IN GENERAL.—Chapter 3 of title 23, United  
4 States Code, is amended by adding at the end the fol-  
5 lowing:

6 **“§ 331. Evaluation of projects within an operational**  
7 **right-of-way**

8 “(a) DEFINITIONS.—

9 “(1) ELIGIBLE PROJECT OR ACTIVITY.—

10 “(A) IN GENERAL.—In this section, the  
11 term ‘eligible project or activity’ means a  
12 project or activity within an existing operational  
13 right-of-way (as defined in section  
14 771.117(c)(22) of title 23, Code of Federal  
15 Regulations (or successor regulations))—

16 “(i)(I) eligible for assistance under  
17 this title; or

18 “(II) administered as if made avail-  
19 able under this title;

20 “(ii) that is—

21 “(I) a preventive maintenance,  
22 preservation, or highway safety im-  
23 provement project (as defined in sec-  
24 tion 148(a)); or

1                   “(II) a new turn lane that the  
2                   State advises in writing to the Sec-  
3                   retary would assist public safety; and  
4                   “(iii) that—

5                   “(I) is classified as a categorical  
6                   exclusion under section 771.117 of  
7                   title 23, Code of Federal Regulations  
8                   (or successor regulations); or

9                   “(II) if the project or activity  
10                  does not receive assistance described  
11                  in clause (i) would be considered a  
12                  categorical exclusion if the project or  
13                  activity received assistance described  
14                  in clause (i).

15                  “(B) EXCLUSION.—The term ‘eligible  
16                  project or activity’ does not include a project to  
17                  create a new travel lane.

18                  “(2) PRELIMINARY EVALUATION.—The term  
19                  ‘preliminary evaluation’, with respect to an applica-  
20                  tion described in subsection (b)(1), means an evalua-  
21                  tion that is customary or practicable for the relevant  
22                  agency to complete within a 45-day period for simi-  
23                  lar applications.

24                  “(3) RELEVANT AGENCY.—The term ‘relevant  
25                  agency’ means a Federal agency, other than the

1 Federal Highway Administration, with responsibility  
2 for review of an application from a State for a per-  
3 mit, approval, or jurisdictional determination for an  
4 eligible project or activity.

5 “(b) ACTION REQUIRED.—

6 “(1) IN GENERAL.—Subject to paragraph (2),  
7 not later than 45 days after the date of receipt of  
8 an application by a State for a permit, approval, or  
9 jurisdictional determination for an eligible project or  
10 activity, the head of the relevant agency shall—

11 “(A) make at least a preliminary evalua-  
12 tion of the application; and

13 “(B) notify the State of the results of the  
14 preliminary evaluation under subparagraph (A).

15 “(2) EXTENSION.—The head of the relevant  
16 agency may extend the review period under para-  
17 graph (1) by not more than 30 days if the head of  
18 the relevant agency provides to the State written no-  
19 tice that includes an explanation of the need for the  
20 extension.

21 “(3) FAILURE TO ACT.—If the head of the rel-  
22 evant agency fails to meet a deadline under para-  
23 graph (1) or (2), as applicable, the head of the rel-  
24 evant agency shall—

1           “(A) not later than 30 days after the date  
2           of the missed deadline, submit to the State, the  
3           Committee on Environment and Public Works  
4           of the Senate, and the Committee on Transpor-  
5           tation and Infrastructure of the House of Rep-  
6           resentatives a report that describes why the  
7           deadline was missed; and

8           “(B) not later than 14 days after the date  
9           on which a report is submitted under subpara-  
10          graph (A), make publicly available, including on  
11          the internet, a copy of that report.”.

12          (b) CLERICAL AMENDMENT.—The analysis for chap-  
13          ter 3 of title 23, United States Code, is amended by add-  
14          ing at the end the following:

“331. Evaluation of projects within an operational right-of-way.”.

15          **SEC. 1310. PRELIMINARY ENGINEERING.**

16          (a) IN GENERAL.—Section 102 of title 23, United  
17          States Code, is amended—

18                  (1) by striking subsection (b); and

19                  (2) in subsection (a), in the second sentence, by  
20          striking “Nothing in this subsection” and inserting  
21          the following:

22          “(b) SAVINGS PROVISION.—Nothing in this section”.

23          (b) CONFORMING AMENDMENT.—Section 144(j) of  
24          title 23, United States Code, is amended by striking para-  
25          graph (6).

1 **SEC. 1311. EFFICIENT IMPLEMENTATION OF NEPA FOR**  
2 **FEDERAL LAND MANAGEMENT PROJECTS.**

3 Section 203 of title 23, United States Code, is  
4 amended by adding at the end the following:

5 “(e) EFFICIENT IMPLEMENTATION OF NEPA.—

6 “(1) DEFINITIONS.—In this subsection:

7 “(A) ENVIRONMENTAL DOCUMENT.—The  
8 term ‘environmental document’ means an envi-  
9 ronmental impact statement, environmental as-  
10 sessment, categorical exclusion, or other docu-  
11 ment prepared under the National Environ-  
12 mental Policy Act of 1969 (42 U.S.C. 4321 et  
13 seq.).

14 “(B) PROJECT.—The term ‘project’ means  
15 a highway project, public transportation capital  
16 project, or multimodal project that—

17 “(i) receives funds under this title;  
18 and

19 “(ii) is authorized under this section  
20 or section 204.

21 “(C) PROJECT SPONSOR.—The term  
22 ‘project sponsor’ means the Federal land man-  
23 agement agency that seeks or receives funds  
24 under this title for a project.

25 “(2) ENVIRONMENTAL REVIEW TO BE COM-  
26 PLETED BY FEDERAL HIGHWAY ADMINISTRATION.—



1 The Federal Highway Administration may prepare  
2 an environmental document pursuant to the imple-  
3 menting procedures of the Federal Highway Admin-  
4 istration to comply with the requirements of the Na-  
5 tional Environmental Policy Act of 1969 (42 U.S.C.  
6 4321 et seq.) if—

7 “(A) requested by a project sponsor; and

8 “(B) all areas of analysis required by the  
9 project sponsor can be addressed.

10 “(3) FEDERAL LAND MANAGEMENT AGENCIES  
11 ADOPTION OF EXISTING ENVIRONMENTAL REVIEW  
12 DOCUMENTS.—

13 “(A) IN GENERAL.—To the maximum ex-  
14 tent practicable, if the Federal Highway Admin-  
15 istration prepares an environmental document  
16 pursuant to paragraph (2), that environmental  
17 document shall address all areas of analysis re-  
18 quired by a Federal land management agency.

19 “(B) INDEPENDENT EVALUATION.—Not-  
20 withstanding any other provision of law, a Fed-  
21 eral land management agency shall not be re-  
22 quired to conduct an independent evaluation to  
23 determine the adequacy of an environmental  
24 document prepared by the Federal Highway  
25 Administration pursuant to paragraph (2).

1           “(C) USE OF SAME DOCUMENT.—In au-  
2           thorizing or implementing a project, a Federal  
3           land management agency may use an environ-  
4           mental document previously prepared by the  
5           Federal Highway Administration for a project  
6           addressing the same or substantially the same  
7           action to the same extent that the Federal land  
8           management agency could adopt or use a docu-  
9           ment previously prepared by another Federal  
10          agency.

11          “(4) APPLICATION BY FEDERAL LAND MANAGE-  
12          MENT AGENCIES OF CATEGORICAL EXCLUSIONS ES-  
13          TABLISHED BY FEDERAL HIGHWAY ADMINISTRA-  
14          TION.—In carrying out requirements under the Na-  
15          tional Environmental Policy Act of 1969 (42 U.S.C.  
16          4321 et seq.) for a project, the project sponsor may  
17          use categorical exclusions designated under that Act  
18          in the implementing regulations of the Federal  
19          Highway Administration, subject to the conditions  
20          that—

21                 “(A) the project sponsor makes a deter-  
22                 mination, in consultation with the Federal  
23                 Highway Administration, that the categorical  
24                 exclusion applies to the project;

1           “(B) the project satisfies the conditions for  
2           a categorical exclusion under the National Envi-  
3           ronmental Policy Act of 1969 (42 U.S.C. 4321  
4           et seq.); and

5           “(C) the use of the categorical exclusion  
6           does not otherwise conflict with the imple-  
7           menting regulations of the project sponsor, ex-  
8           cept any list of the project sponsor that des-  
9           ignates categorical exclusions.

10          “(5) MITIGATION COMMITMENTS.—The Sec-  
11          retary shall assist the Federal land management  
12          agency with all design and mitigation commitments  
13          made jointly by the Secretary and the project spon-  
14          sor in any environmental document prepared by the  
15          Secretary in accordance with this subsection.”.

16 **SEC. 1312. NATIONAL ENVIRONMENTAL POLICY ACT OF**  
17 **1969 REPORTING PROGRAM.**

18          (a) IN GENERAL.—Chapter 1 of title 23, United  
19 States Code, is amended by inserting after section 156 the  
20 following:

21 **“§ 157. National Environmental Policy Act of 1969 re-**  
22 **porting program**

23          “(a) DEFINITIONS.—In this section:

24                 “(1) CATEGORICAL EXCLUSION.—The term  
25                 ‘categorical exclusion’ has the meaning given the

1 term in section 771.117(c) of title 23, Code of Fed-  
2 eral Regulations (or a successor regulation).

3 “(2) DOCUMENTED CATEGORICAL EXCLU-  
4 SION.—The term ‘documented categorical exclusion’  
5 has the meaning given the term in section  
6 771.117(d) of title 23, Code of Federal Regulations  
7 (or a successor regulation).

8 “(3) ENVIRONMENTAL ASSESSMENT.—The  
9 term ‘environmental assessment’ has the meaning  
10 given the term in section 1508.1 of title 40, Code of  
11 Federal Regulations (or a successor regulation).

12 “(4) ENVIRONMENTAL IMPACT STATEMENT.—  
13 The term ‘environmental impact statement’ means a  
14 detailed statement required under section 102(2)(C)  
15 of the National Environmental Policy Act of 1969  
16 (42 U.S.C. 4332(2)(C)).

17 “(5) FEDERAL AGENCY.—The term ‘Federal  
18 agency’ includes a State that has assumed responsi-  
19 bility under section 327.

20 “(6) NEPA PROCESS.—The term ‘NEPA proc-  
21 ess’ means the entirety of the development and docu-  
22 mentation of the analysis required under the Na-  
23 tional Environmental Policy Act of 1969 (42 U.S.C.  
24 4321 et seq.), including the assessment and analysis  
25 of any impacts, alternatives, and mitigation of a pro-

1 posed action, and any interagency participation and  
2 public involvement required to be carried out before  
3 the Secretary undertakes a proposed action.

4 “(7) PROPOSED ACTION.—The term ‘proposed  
5 action’ means an action (within the meaning of the  
6 National Environmental Policy Act of 1969 (42  
7 U.S.C. 4321 et seq.)) under this title that the Sec-  
8 retary proposes to carry out.

9 “(8) REPORTING PERIOD.—The term ‘reporting  
10 period’ means the fiscal year prior to the fiscal year  
11 in which a report is issued under subsection (b).

12 “(9) SECRETARY.—The term ‘Secretary’ in-  
13 cludes the governor or head of an applicable State  
14 agency of a State that has assumed responsibility  
15 under section 327.

16 “(b) REPORT ON NEPA DATA.—

17 “(1) IN GENERAL.—The Secretary shall carry  
18 out a process to track, and annually submit to the  
19 Committee on Environment and Public Works of the  
20 Senate and the Committee on Transportation and  
21 Infrastructure of the House of Representatives a re-  
22 port containing, the information described in para-  
23 graph (3).

24 “(2) TIME TO COMPLETE.—For purposes of  
25 paragraph (3), the NEPA process—

1           “(A) for an environmental impact state-  
2           ment—

3                   “(i) begins on the date on which the  
4           Notice of Intent is published in the Fed-  
5           eral Register; and

6                   “(ii) ends on the date on which the  
7           Secretary issues a record of decision, in-  
8           cluding, if necessary, a revised record of  
9           decision; and

10           “(B) for an environmental assessment—

11                   “(i) begins on the date on which the  
12           Secretary makes a determination to pre-  
13           pare an environmental assessment; and

14                   “(ii) ends on the date on which the  
15           Secretary issues a finding of no significant  
16           impact or determines that preparation of  
17           an environmental impact statement is nec-  
18           essary.

19           “(3) INFORMATION DESCRIBED.—The informa-  
20           tion referred to in paragraph (1) is, with respect to  
21           the Department of Transportation—

22                   “(A) the number of proposed actions for  
23           which a categorical exclusion was issued during  
24           the reporting period;

1           “(B) the number of proposed actions for  
2           which a documented categorical exclusion was  
3           issued by the Department of Transportation  
4           during the reporting period;

5           “(C) the number of proposed actions pend-  
6           ing on the date on which the report is sub-  
7           mitted for which the issuance of a documented  
8           categorical exclusion by the Department of  
9           Transportation is pending;

10          “(D) the number of proposed actions for  
11          which an environmental assessment was issued  
12          by the Department of Transportation during  
13          the reporting period;

14          “(E) the length of time the Department of  
15          Transportation took to complete each environ-  
16          mental assessment described in subparagraph  
17          (D);

18          “(F) the number of proposed actions pend-  
19          ing on the date on which the report is sub-  
20          mitted for which an environmental assessment  
21          is being drafted by the Department of Trans-  
22          portation;

23          “(G) the number of proposed actions for  
24          which an environmental impact statement was

1 completed by the Department of Transportation  
2 during the reporting period;

3 “(H) the length of time that the Depart-  
4 ment of Transportation took to complete each  
5 environmental impact statement described in  
6 subparagraph (G);

7 “(I) the number of proposed actions pend-  
8 ing on the date on which the report is sub-  
9 mitted for which an environmental impact  
10 statement is being drafted; and

11 “(J) for the proposed actions reported  
12 under subparagraphs (F) and (I), the percent-  
13 age of those proposed actions for which—

14 “(i) funding has been identified; and

15 “(ii) all other Federal, State, and  
16 local activities that are required to allow  
17 the proposed action to proceed are com-  
18 pleted.”.

19 (b) CLERICAL AMENDMENT.—The analysis for chap-  
20 ter 1 of title 23, United States Code, is amended by insert-  
21 ing after the item relating to section 156 the following:

“157. National Environmental Policy Act of 1969 reporting program.”.

22 **SEC. 1313. SURFACE TRANSPORTATION PROJECT DELIV-**  
23 **ERY PROGRAM WRITTEN AGREEMENTS.**

24 Section 327 of title 23, United States Code, is  
25 amended—



1 (1) in subsection (a)(2)(G), by inserting “, in-  
2 cluding the payment of fees awarded under section  
3 2412 of title 28” before the period at the end;

4 (2) in subsection (c)—

5 (A) by striking paragraph (5) and insert-  
6 ing the following:

7 “(5) except as provided under paragraph (7),  
8 have a term of not more than 5 years;”;

9 (B) in paragraph (6), by striking the pe-  
10 riod at the end and inserting “; and”; and

11 (C) by adding at the end the following:

12 “(7) for any State that has participated in a  
13 program under this section (or under a predecessor  
14 program) for at least 10 years, have a term of 10  
15 years.”;

16 (3) in subsection (g)(1)—

17 (A) in subparagraph (B), by striking  
18 “and” at the end;

19 (B) in subparagraph (C), by striking “an-  
20 nual”;

21 (C) by redesignating subparagraph (C) as  
22 subparagraph (D); and

23 (D) by inserting after subparagraph (B)  
24 the following:

1           “(C) in the case of an agreement period of  
2           greater than 5 years pursuant to subsection  
3           (c)(7), conduct an audit covering the first 5  
4           years of the agreement period; and”;  
5           (4) by adding at the end the following:

6           “(m) AGENCY DEEMED TO BE FEDERAL AGENCY.—  
7           A State agency that is assigned a responsibility under an  
8           agreement under this section shall be deemed to be an  
9           agency for the purposes of section 2412 of title 28.”.

10 **SEC. 1314. STATE ASSUMPTION OF RESPONSIBILITY FOR**  
11 **CATEGORICAL EXCLUSIONS.**

12           Section 326(c)(3) of title 23, United States Code, is  
13 amended—

14           (1) by striking subparagraph (A) and inserting  
15           the following:

16           “(A) except as provided under subpara-  
17           graph (C), shall have a term of not more than  
18           3 years;”;

19           (2) in subparagraph (B), by striking the period  
20           at the end and inserting “; and”; and

21           (3) by adding at the end the following:

22           “(C) shall have a term of 5 years, in the  
23           case of a State that has assumed the responsi-  
24           bility for categorical exclusions under this sec-  
25           tion for not fewer than 10 years.”.

1 **SEC. 1315. EARLY UTILITY RELOCATION PRIOR TO TRANS-**  
2 **PORTATION PROJECT ENVIRONMENTAL RE-**  
3 **VIEW.**

4 Section 123 of title 23, United States Code, is  
5 amended to read as follows:

6 **“§ 123. Relocation of utility facilities**

7 “(a) DEFINITIONS.—In this section:

8 “(1) COST OF RELOCATION.—The term ‘cost of  
9 relocation’ includes the entire amount paid by a util-  
10 ity properly attributable to the relocation of a utility  
11 facility, minus any increase in the value of the new  
12 facility and any salvage value derived from the old  
13 facility.

14 “(2) EARLY UTILITY RELOCATION PROJECT.—  
15 The term ‘early utility relocation project’ means util-  
16 ity relocation activities identified by the State for  
17 performance before completion of the environmental  
18 review process for the transportation project.

19 “(3) ENVIRONMENTAL REVIEW PROCESS.—The  
20 term ‘environmental review process’ has the meaning  
21 given the term in section 139(a).

22 “(4) TRANSPORTATION PROJECT.—The term  
23 ‘transportation project’ means a project.

24 “(5) UTILITY FACILITY.—The term ‘utility fa-  
25 cility’ means any privately, publicly, or cooperatively  
26 owned line, facility, or system for producing, trans-

1       mitting, or distributing communications, power, elec-  
2       tricity, light, heat, gas, oil, crude products, water,  
3       steam, waste, stormwater not connected with high-  
4       way drainage, or any other similar commodity, in-  
5       cluding any fire or police signal system or street  
6       lighting system, that directly or indirectly serves the  
7       public.

8               “(6) UTILITY RELOCATION ACTIVITY.—The  
9       term ‘utility relocation activity’ means an activity  
10      necessary for the relocation of a utility facility, in-  
11      cluding preliminary and final design, surveys, real  
12      property acquisition, materials acquisition, and con-  
13      struction.

14              “(b) REIMBURSEMENT TO STATES.—

15              “(1) IN GENERAL.—If a State pays for the cost  
16      of relocation of a utility facility necessitated by the  
17      construction of a transportation project, Federal  
18      funds may be used to reimburse the State for the  
19      cost of relocation in the same proportion as Federal  
20      funds are expended on the transportation project.

21              “(2) LIMITATION.—Federal funds shall not be  
22      used to reimburse a State under this section if the  
23      payment to the utility—

24              “(A) violates the law of the State; or

1                   “(B) violates a legal contract between the  
2                   utility and the State.

3                   “(3) REQUIREMENT.—A reimbursement under  
4                   paragraph (1) shall be made only if the State dem-  
5                   onstrates to the satisfaction of the Secretary that  
6                   the State paid the cost of the utility relocation activ-  
7                   ity from funds of the State with respect to transpor-  
8                   tation projects for which Federal funds are obligated  
9                   subsequent to April 16, 1958, for work, including  
10                  utility relocation activities.

11                  “(4) REIMBURSEMENT ELIGIBILITY FOR EARLY  
12                  RELOCATION PRIOR TO TRANSPORTATION PROJECT  
13                  ENVIRONMENTAL REVIEW PROCESS.—

14                  “(A) IN GENERAL.—In addition to the re-  
15                  quirements under paragraphs (1) through (3), a  
16                  State may carry out, at the expense of the  
17                  State, an early utility relocation project for a  
18                  transportation project before completion of the  
19                  environmental review process for the transpor-  
20                  tation project.

21                  “(B) REQUIREMENTS FOR REIMBURSE-  
22                  MENT.—Funds apportioned to a State under  
23                  this title may be used to pay the costs incurred  
24                  by the State for an early utility relocation

1 project only if the State demonstrates to the  
2 Secretary, and the Secretary finds that—

3 “(i) the early utility relocation project  
4 is necessary to accommodate a transpor-  
5 tation project;

6 “(ii) the State provides adequate doc-  
7 umentation to the Secretary of eligible  
8 costs incurred by the State for the early  
9 utility relocation project;

10 “(iii) before the commencement of the  
11 utility relocation activities, an environ-  
12 mental review process was completed for  
13 the early utility relocation project that re-  
14 sulted in a finding that the early utility re-  
15 location project—

16 “(I) would not result in signifi-  
17 cant adverse environmental impacts;  
18 and

19 “(II) would comply with other  
20 applicable Federal environmental re-  
21 quirements;

22 “(iv) the early utility relocation  
23 project did not influence—

24 “(I) the environmental review  
25 process for the transportation project;

1                   “(II) the decision relating to the  
2                   need to construct the transportation  
3                   project; or

4                   “(III) the selection of the trans-  
5                   portation project design or location;

6                   “(v) the early utility relocation project  
7                   complies with all applicable provisions of  
8                   law, including regulations issued pursuant  
9                   to this title;

10                  “(vi) the early utility relocation  
11                  project follows applicable financial proce-  
12                  dures and requirements, including docu-  
13                  mentation of eligible costs and the require-  
14                  ments under section 109(l), but not includ-  
15                  ing requirements applicable to authoriza-  
16                  tion and obligation of Federal funds;

17                  “(vii) the transportation project for  
18                  which the early utility relocation project  
19                  was necessitated was included in the appli-  
20                  cable transportation improvement program  
21                  under section 134 or 135;

22                  “(viii) before the cost incurred by a  
23                  State is approved for Federal participation,  
24                  environmental compliance pursuant to the  
25                  National Environmental Policy Act of

1           1969 (42 U.S.C. 4321 et seq.) has been  
2           completed for the transportation project  
3           for which the early utility relocation  
4           project was necessitated; and

5                   “(ix) the transportation project that  
6           necessitated the utility relocation activity is  
7           approved for construction.

8                   “(C) SAVINGS PROVISION.—Nothing in  
9           this paragraph affects other eligibility require-  
10          ments or authorities for Federal participation  
11          in payment of costs incurred for utility reloca-  
12          tion activities.

13                   “(c) APPLICABILITY OF OTHER PROVISIONS.—Noth-  
14          ing in this section affects the applicability of other require-  
15          ments that would otherwise apply to an early utility relo-  
16          cation project, including any applicable requirements  
17          under—

18                   “(1) section 138;

19                   “(2) the Uniform Relocation Assistance and  
20          Real Property Acquisition Policies Act of 1970 (42  
21          U.S.C. 4601 et seq.), including regulations under  
22          part 24 of title 49, Code of Federal Regulations (or  
23          successor regulations);

24                   “(3) title VI of the Civil Rights Act of 1964 (42  
25          U.S.C. 2000d et seq.); or



1 “(4) an environmental review process.”.

2 **SEC. 1316. STREAMLINING OF SECTION 4(F) REVIEWS.**

3 Section 138(a) of title 23, United States Code, is  
4 amended—

5 (1) in the fourth sentence, by striking “In car-  
6 rying out” and inserting the following:

7 “(4) STUDIES.—In carrying out”;

8 (2) in the third sentence—

9 (A) by striking “such land, and (2) such  
10 program” and inserting the following: “the  
11 land; and

12 “(B) the program”;

13 (B) by striking “unless (1) there is” and  
14 inserting the following: “unless—

15 “(A) there is”; and

16 (C) by striking “After the” and inserting  
17 the following:

18 “(3) REQUIREMENT.—After the”;

19 (3) in the second sentence—

20 (A) by striking “The Secretary of Trans-  
21 portation” and inserting the following:

22 “(2) COOPERATION AND CONSULTATION.—

23 “(A) IN GENERAL.—The Secretary”; and

24 (B) by adding at the end the following:

25 “(B) TIMELINE FOR APPROVALS.—

1                   “(i) IN GENERAL.—The Secretary  
2 shall—

3                   “(I) provide an evaluation under  
4 this section to the Secretaries de-  
5 scribed in subparagraph (A); and

6                   “(II) provide a period of 30 days  
7 for receipt of comments.

8                   “(ii) ASSUMED ACCEPTANCE.—If the  
9 Secretary does not receive comments by 15  
10 days after the deadline under clause  
11 (i)(II), the Secretary shall assume a lack  
12 of objection and proceed with the action.

13                   “(C) EFFECT.—Nothing in subparagraph  
14 (B) affects—

15                   “(i) the requirements under—

16                   “(I) subsections (b) through (f);

17                   or

18                   “(II) the consultation process  
19 under section 306108 of title 54; or

20                   “(ii) programmatic section 4(f) eval-  
21 uations, as described in regulations issued  
22 by the Secretary.”; and

23                   (4) in the first sentence, by striking “It is de-  
24 clared to be” and inserting the following:

25                   “(1) IN GENERAL.—It is”.

1 **SEC. 1317. CATEGORICAL EXCLUSION FOR PROJECTS OF**  
2 **LIMITED FEDERAL ASSISTANCE.**

3 Section 1317(1) of MAP-21 (23 U.S.C. 109 note;  
4 Public Law 112-141) is amended—

5 (1) in subparagraph (A), by striking  
6 “\$5,000,000” and inserting “\$6,000,000”; and

7 (2) in subparagraph (B), by striking  
8 “\$30,000,000” and inserting “\$35,000,000”.

9 **SEC. 1318. CERTAIN GATHERING LINES LOCATED ON FED-**  
10 **ERAL LAND AND INDIAN LAND.**

11 (a) DEFINITIONS.—In this section:

12 (1) FEDERAL LAND.—

13 (A) IN GENERAL.—The term “Federal  
14 land” means land the title to which is held by  
15 the United States.

16 (B) EXCLUSIONS.—The term “Federal  
17 land” does not include—

18 (i) a unit of the National Park Sys-  
19 tem;

20 (ii) a unit of the National Wildlife  
21 Refuge System;

22 (iii) a component of the National Wil-  
23 derness Preservation System;

24 (iv) a wilderness study area within the  
25 National Forest System; or

26 (v) Indian land.

1           (2) GATHERING LINE AND ASSOCIATED FIELD  
2           COMPRESSION OR PUMPING UNIT.—

3           (A) IN GENERAL.—The term “gathering  
4           line and associated field compression or pump-  
5           ing unit” means—

6                   (i) a pipeline that is installed to trans-  
7                   port oil, natural gas and related constitu-  
8                   ents, or produced water from 1 or more  
9                   wells drilled and completed to produce oil  
10                  or gas; and

11                   (ii) if necessary, 1 or more compres-  
12                   sors or pumps to raise the pressure of the  
13                   transported oil, natural gas and related  
14                   constituents, or produced water to higher  
15                   pressures necessary to enable the oil, nat-  
16                   ural gas and related constituents, or pro-  
17                   duced water to flow into pipelines and  
18                   other facilities.

19           (B) INCLUSIONS.—The term “gathering  
20           line and associated field compression or pump-  
21           ing unit” includes a pipeline or associated com-  
22           pression or pumping unit that is installed to  
23           transport oil or natural gas from a processing  
24           plant to a common carrier pipeline or facility.

1 (C) EXCLUSIONS.—The term “gathering  
2 line and associated field compression or pump-  
3 ing unit” does not include a common carrier  
4 pipeline.

5 (3) INDIAN LAND.—The term “Indian land”  
6 means land the title to which is held by—

7 (A) the United States in trust for an In-  
8 dian Tribe or an individual Indian; or

9 (B) an Indian Tribe or an individual In-  
10 dian subject to a restriction by the United  
11 States against alienation.

12 (4) PRODUCED WATER.—The term “produced  
13 water” means water produced from an oil or gas  
14 well bore that is not a fluid prepared at, or trans-  
15 ported to, the well site to resolve a specific oil or gas  
16 well bore or reservoir condition.

17 (5) SECRETARY.—The term “Secretary” means  
18 the Secretary of the Interior.

19 (b) CERTAIN GATHERING LINES.—

20 (1) IN GENERAL.—Subject to paragraph (2),  
21 the issuance of a sundry notice or right-of-way for  
22 a gathering line and associated field compression or  
23 pumping unit that is located on Federal land or In-  
24 dian land and that services any oil or gas well may  
25 be considered by the Secretary to be an action that

1 is categorically excluded (as defined in section  
2 1508.1 of title 40, Code of Federal Regulations (as  
3 in effect on the date of enactment of this Act)) for  
4 purposes of the National Environmental Policy Act  
5 of 1969 (42 U.S.C. 4321 et seq.) if the gathering  
6 line and associated field compression or pumping  
7 unit—

8 (A) are within a field or unit for which an  
9 approved land use plan or an environmental  
10 document prepared pursuant to the National  
11 Environmental Policy Act of 1969 (42 U.S.C.  
12 4321 et seq.) analyzed transportation of oil,  
13 natural gas, or produced water from 1 or more  
14 oil or gas wells in the field or unit as a reason-  
15 ably foreseeable activity;

16 (B) are located adjacent to or within—  
17 (i) any existing disturbed area; or  
18 (ii) an existing corridor for a right-of-  
19 way; and

20 (C) would reduce—  
21 (i) in the case of a gathering line and  
22 associated field compression or pumping  
23 unit transporting methane, the total quan-  
24 tity of methane that would otherwise be

1 vented, flared, or unintentionally emitted  
2 from the field or unit; or

3 (ii) in the case of a gathering line and  
4 associated field compression or pumping  
5 unit not transporting methane, the vehic-  
6 ular traffic that would otherwise service  
7 the field or unit.

8 (2) APPLICABILITY.—Paragraph (1) shall apply  
9 to Indian land, or a portion of Indian land—

10 (A) to which the National Environmental  
11 Policy Act of 1969 (42 U.S.C. 4321 et seq.) ap-  
12 plies; and

13 (B) for which the Indian Tribe with juris-  
14 diction over the Indian land submits to the Sec-  
15 retary a written request that paragraph (1)  
16 apply to that Indian land (or portion of Indian  
17 land).

18 (c) EFFECT ON OTHER LAW.—Nothing in this sec-  
19 tion—

20 (1) affects or alters any requirement—

21 (A) relating to prior consent under—

22 (i) section 2 of the Act of February 5,  
23 1948 (62 Stat. 18, chapter 45; 25 U.S.C.  
24 324); or

1 (ii) section 16(e) of the Act of June  
2 18, 1934 (48 Stat. 987, chapter 576; 102  
3 Stat. 2939; 114 Stat. 47; 25 U.S.C.  
4 5123(e)) (commonly known as the “Indian  
5 Reorganization Act”);

6 (B) under section 306108 of title 54,  
7 United States Code; or

8 (C) under any other Federal law (including  
9 regulations) relating to Tribal consent for  
10 rights-of-way across Indian land; or

11 (2) makes the National Environmental Policy  
12 Act of 1969 (42 U.S.C. 4321 et seq.) applicable to  
13 land to which that Act otherwise would not apply.

14 **SEC. 1319. ANNUAL REPORT.**

15 (a) DEFINITION OF COVERED PROJECT.—In this sec-  
16 tion, the term “covered project” means a project or activ-  
17 ity carried out with funds provided by the Department,  
18 including a project carried out under title 23 or 49, United  
19 States Code—

20 (1) that is more than 5 years behind schedule;

21 or

22 (2) for which the total amount spent on the  
23 project or activity is not less than \$1,000,000,000  
24 more than the original cost estimate for the project  
25 or activity.



1 (b) REQUIREMENT.—Not later than 1 year after the  
2 date of enactment of this Act, and annually thereafter,  
3 the Secretary shall submit to Congress a report on covered  
4 projects of the Department, which shall include, for each  
5 covered project—

6 (1) a brief description of the covered project,  
7 including—

8 (A) the purpose of the covered project;

9 (B) each location in which the covered  
10 project is carried out;

11 (C) the contract or award number of the  
12 covered project, if applicable;

13 (D) the year in which the covered project  
14 was initiated;

15 (E) the Federal share of the total cost of  
16 the covered project; and

17 (F) each primary contractor, subcon-  
18 tractor, grant recipient, and subgrantee recipi-  
19 ent of the covered project;

20 (2) an explanation of any change to the original  
21 scope of the covered project, including by the addi-  
22 tion or narrowing of the initial requirements of the  
23 covered project;

24 (3) the original expected date for completion of  
25 the covered project;

1 (4) the current expected date for completion of  
2 the covered project;

3 (5) the original cost estimate for the covered  
4 project, as adjusted to reflect increases in the Con-  
5 sumer Price Index for All Urban Consumers, as  
6 published by the Bureau of Labor Statistics;

7 (6) the current cost estimate for the covered  
8 project, as adjusted to reflect increases in the Con-  
9 sumer Price Index for All Urban Consumers, as  
10 published by the Bureau of Labor Statistics;

11 (7) an explanation for a delay in completion or  
12 an increase in the original cost estimate for the cov-  
13 ered project, including, where applicable, any impact  
14 of insufficient or delayed appropriations; and

15 (8) the amount of and rationale for any award,  
16 incentive fee, or other type of bonus, if any, awarded  
17 for the covered project.

## 18 **Subtitle D—Climate Change**

### 19 **SEC. 1401. GRANTS FOR CHARGING AND FUELING INFRA- 20 **STRUCTURE.****

21 (a) PURPOSE.—The purpose of this section is to es-  
22 tablish a grant program to strategically deploy publicly ac-  
23 cessible electric vehicle charging infrastructure, hydrogen  
24 fueling infrastructure, propane fueling infrastructure, and  
25 natural gas fueling infrastructure along designated alter-

1 native fuel corridors or in certain other locations that will  
2 be accessible to all drivers of electric vehicles, hydrogen  
3 vehicles, propane vehicles, and natural gas vehicles.

4 (b) GRANT PROGRAM.—Section 151 of title 23,  
5 United States Code, is amended—

6 (1) in subsection (a)—

7 (A) by striking “Not later than 1 year  
8 after the date of enactment of the FAST Act,  
9 the Secretary shall” and inserting “The Sec-  
10 retary shall periodically”; and

11 (B) by striking “to improve the mobility”  
12 and inserting “to support changes in the trans-  
13 portation sector that help achieve a reduction in  
14 greenhouse gas emissions and improve the mo-  
15 bility”;

16 (2) in subsection (b)(2), by inserting “pre-  
17 viously designated by the Federal Highway Adminis-  
18 tration or” before “designated by”;

19 (3) by striking subsection (d) and inserting the  
20 following:

21 “(d) REDESIGNATION.—

22 “(1) INITIAL REDESIGNATION.—Not later than  
23 180 days after the date of enactment of the Infra-  
24 structure Investment and Jobs Act, the Secretary

1 shall update and redesignate the corridors under  
2 subsection (a).

3 “(2) SUBSEQUENT REDESIGNATION.—The Sec-  
4 retary shall establish a recurring process to regularly  
5 update and redesignate the corridors under sub-  
6 section (a).”;

7 (4) in subsection (e)—

8 (A) in paragraph (1), by striking “and” at  
9 the end;

10 (B) in paragraph (2)—

11 (i) by striking “establishes an aspira-  
12 tional goal of achieving” and inserting “de-  
13 scribes efforts, including through funds  
14 awarded through the grant program under  
15 subsection (f), that will aid efforts to  
16 achieve”; and

17 (ii) by striking “by the end of fiscal  
18 year 2020.” and inserting “; and”; and

19 (C) by adding at the end the following:

20 “(3) summarizes best practices and provides  
21 guidance, developed through consultation with the  
22 Secretary of Energy, for project development of elec-  
23 tric vehicle charging infrastructure, hydrogen fueling  
24 infrastructure, propane fueling infrastructure and  
25 natural gas fueling infrastructure at the State, Trib-

1 al, and local level to allow for the predictable deploy-  
2 ment of that infrastructure.”; and

3 (5) by adding at the end the following:

4 “(f) GRANT PROGRAM.—

5 “(1) DEFINITION OF PRIVATE ENTITY.—In this  
6 subsection, the term ‘private entity’ means a cor-  
7 poration, partnership, company, or nonprofit organi-  
8 zation.

9 “(2) ESTABLISHMENT.—Not later than 1 year  
10 after the date of enactment of the Infrastructure In-  
11 vestment and Jobs Act, the Secretary shall establish  
12 a grant program to award grants to eligible entities  
13 to carry out the activities described in paragraph  
14 (6).

15 “(3) ELIGIBLE ENTITIES.—An entity eligible to  
16 receive a grant under this subsection is—

17 “(A) a State or political subdivision of a  
18 State;

19 “(B) a metropolitan planning organization;

20 “(C) a unit of local government;

21 “(D) a special purpose district or public  
22 authority with a transportation function, includ-  
23 ing a port authority;

1           “(E) an Indian tribe (as defined in section  
2           4 of the Indian Self-Determination and Edu-  
3           cation Assistance Act (25 U.S.C. 5304));

4           “(F) a territory of the United States;

5           “(G) an authority, agency, or instrumen-  
6           tality of, or an entity owned by, 1 or more enti-  
7           ties described in subparagraphs (A) through  
8           (F); or

9           “(H) a group of entities described in sub-  
10          paragraphs (A) through (G).

11          “(4) APPLICATIONS.—To be eligible to receive a  
12          grant under this subsection, an eligible entity shall  
13          submit to the Secretary an application at such time,  
14          in such manner, and containing such information as  
15          the Secretary shall require, including—

16                 “(A) a description of how the eligible enti-  
17                 ty has considered—

18                         “(i) public accessibility of charging or  
19                         fueling infrastructure proposed to be fund-  
20                         ed with a grant under this subsection, in-  
21                         cluding—

22                                 “(I) charging or fueling con-  
23                                 nector types and publicly available in-  
24                                 formation on real-time availability;  
25                                 and

1                   “(II) payment methods to ensure  
2                   secure, convenient, fair, and equal ac-  
3                   cess;

4                   “(ii) collaborative engagement with  
5                   stakeholders (including automobile manu-  
6                   facturers, utilities, infrastructure pro-  
7                   viders, technology providers, electric charg-  
8                   ing, hydrogen, propane, and natural gas  
9                   fuel providers, metropolitan planning orga-  
10                  nizations, States, Indian tribes, and units  
11                  of local governments, fleet owners, fleet  
12                  managers, fuel station owners and opera-  
13                  tors, labor organizations, infrastructure  
14                  construction and component parts sup-  
15                  pliers, and multi-State and regional enti-  
16                  ties)—

17                  “(I) to foster enhanced, coordi-  
18                  nated, public-private or private invest-  
19                  ment in electric vehicle charging infra-  
20                  structure, hydrogen fueling infrastruc-  
21                  ture, propane fueling infrastructure,  
22                  or natural gas fueling infrastructure;

23                  “(II) to expand deployment of  
24                  electric vehicle charging infrastruc-  
25                  ture, hydrogen fueling infrastructure,

1 propane fueling infrastructure, or nat-  
2 ural gas fueling infrastructure;

3 “(III) to protect personal privacy  
4 and ensure cybersecurity; and

5 “(IV) to ensure that a properly  
6 trained workforce is available to con-  
7 struct and install electric vehicle  
8 charging infrastructure, hydrogen  
9 fueling infrastructure, propane fueling  
10 infrastructure, or natural gas fueling  
11 infrastructure;

12 “(iii) the location of the station or  
13 fueling site, such as consideration of—

14 “(I) the availability of onsite  
15 amenities for vehicle operators, such  
16 as restrooms or food facilities;

17 “(II) access in compliance with  
18 the Americans with Disabilities Act of  
19 1990 (42 U.S.C. 12101 et seq.);

20 “(III) height and fueling capacity  
21 requirements for facilities that charge  
22 or refuel large vehicles, such as semi-  
23 trailer trucks; and



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1                   “(IV) appropriate distribution to  
2                   avoid redundancy and fill charging or  
3                   fueling gaps;

4                   “(iv) infrastructure installation that  
5                   can be responsive to technology advance-  
6                   ments, such as accommodating autono-  
7                   mous vehicles, vehicle-to-grid technology,  
8                   and future charging methods; and

9                   “(v) the long-term operation and  
10                  maintenance of the electric vehicle charg-  
11                  ing infrastructure, hydrogen fueling infra-  
12                  structure, propane fueling infrastructure,  
13                  or natural gas fueling infrastructure, to  
14                  avoid stranded assets and protect the in-  
15                  vestment of public funds in that infrastruc-  
16                  ture; and

17                  “(B) an assessment of the estimated emis-  
18                  sions that will be reduced through the use of  
19                  electric vehicle charging infrastructure, hydro-  
20                  gen fueling infrastructure, propane fueling in-  
21                  frastructure, or natural gas fueling infrastruc-  
22                  ture, which shall be conducted using the Alter-  
23                  native Fuel Life-Cycle Environmental and Eco-  
24                  nomic Transportation (AFLEET) tool devel-

1           oped by Argonne National Laboratory (or a  
2           successor tool).

3           “(5) CONSIDERATIONS.—In selecting eligible  
4           entities to receive a grant under this subsection, the  
5           Secretary shall—

6                   “(A) consider the extent to which the ap-  
7                   plication of the eligible entity would—

8                           “(i) improve alternative fueling cor-  
9                           ridor networks by—

10                                   “(I) converting corridor-pending  
11                                   corridors to corridor-ready corridors;  
12                                   or

13                                   “(II) in the case of corridor-  
14                                   ready corridors, providing redun-  
15                                   dancy—

16   “(aa) to meet excess demand  
17   for charging or fueling infra-  
18   structure; or

19   “(bb) to reduce congestion  
20   at existing charging or fueling in-  
21   frastructure in high-traffic loca-  
22   tions;

23                                   “(ii) meet current or anticipated mar-  
24                                   ket demands for charging or fueling infra-  
25                                   structure;

1           “(iii) enable or accelerate the con-  
2           struction of charging or fueling infrastruc-  
3           ture that would be unlikely to be completed  
4           without Federal assistance;

5           “(iv) support a long-term competitive  
6           market for electric vehicle charging infra-  
7           structure, hydrogen fueling infrastructure,  
8           propane fueling infrastructure, or natural  
9           gas fueling infrastructure that does not  
10          significantly impair existing electric vehicle  
11          charging infrastructure, hydrogen fueling  
12          infrastructure, propane fueling infrastruc-  
13          ture, or natural gas fueling infrastructure  
14          providers;

15          “(v) provide access to electric vehicle  
16          charging infrastructure, hydrogen fueling  
17          infrastructure, propane fueling infrastruc-  
18          ture, or natural gas fueling infrastructure  
19          in areas with a current or forecasted need;  
20          and

21          “(vi) deploy electric vehicle charging  
22          infrastructure, hydrogen fueling infrastruc-  
23          ture, propane fueling infrastructure, or  
24          natural gas fueling infrastructure for  
25          medium- and heavy-duty vehicles (includ-

1           ing along the National Highway Freight  
2           Network established under section 167(e))  
3           and in proximity to intermodal transfer  
4           stations;

5           “(B) ensure, to the maximum extent prac-  
6           ticable, geographic diversity among grant recipi-  
7           ents to ensure that electric vehicle charging in-  
8           frastructure, hydrogen fueling infrastructure,  
9           propane fueling infrastructure, or natural gas  
10          fueling infrastructure is available throughout  
11          the United States;

12          “(C) consider whether the private entity  
13          that the eligible entity contracts with under  
14          paragraph (6)—

15                 “(i) submits to the Secretary the most  
16                 recent year of audited financial statements;  
17                 and

18                 “(ii) has experience in installing and  
19                 operating electric vehicle charging infra-  
20                 structure, hydrogen fueling infrastructure,  
21                 propane fueling infrastructure, or natural  
22                 gas fueling infrastructure; and

23          “(D) consider whether, to the maximum  
24          extent practicable, the eligible entity and the  
25          private entity that the eligible entity contracts

1 with under paragraph (6) enter into an agree-  
2 ment—

3 “(i) to operate and maintain publicly  
4 available electric vehicle charging infra-  
5 structure, hydrogen fueling infrastructure,  
6 propane fueling infrastructure, or natural  
7 gas infrastructure; and

8 “(ii) that provides a remedy and an  
9 opportunity to cure if the requirements de-  
10 scribed in clause (i) are not met.

11 “(6) USE OF FUNDS.—

12 “(A) IN GENERAL.—An eligible entity re-  
13 ceiving a grant under this subsection shall only  
14 use the funds in accordance with this paragraph  
15 to contract with a private entity for acquisition  
16 and installation of publicly accessible electric  
17 vehicle charging infrastructure, hydrogen fuel-  
18 ing infrastructure, propane fueling infrastruc-  
19 ture, or natural gas fueling infrastructure that  
20 is directly related to the charging or fueling of  
21 a vehicle.

22 “(B) LOCATION OF INFRASTRUCTURE.—  
23 Any publicly accessible electric vehicle charging  
24 infrastructure, hydrogen fueling infrastructure,  
25 propane fueling infrastructure, or natural gas

1 fueling infrastructure acquired and installed  
2 with a grant under this subsection shall be lo-  
3 cated along an alternative fuel corridor des-  
4 igned under this section, on the condition that  
5 any affected Indian tribes are consulted before  
6 the designation.

7 “(C) OPERATING ASSISTANCE.—

8 “(i) IN GENERAL.—Subject to clauses  
9 (ii) and (iii), an eligible entity that receives  
10 a grant under this subsection may use a  
11 portion of the funds to provide to a private  
12 entity operating assistance for the first 5  
13 years of operations after the installation of  
14 publicly available electric vehicle charging  
15 infrastructure, hydrogen fueling infrastruc-  
16 ture, propane fueling infrastructure, or  
17 natural gas fueling infrastructure while the  
18 facility transitions to independent system  
19 operations.

20 “(ii) INCLUSIONS.—Operating assist-  
21 ance under this subparagraph shall be lim-  
22 ited to costs allocable to operating and  
23 maintaining the electric vehicle charging  
24 infrastructure, hydrogen fueling infrastruc-  
25 ture, propane fueling infrastructure, or

1 natural gas fueling infrastructure and  
2 service.

3 “(iii) LIMITATION.—Operating assist-  
4 ance under this subparagraph may not ex-  
5 ceed the amount of a contract under sub-  
6 paragraph (A) to acquire and install pub-  
7 licly accessible electric vehicle charging in-  
8 frastructure, hydrogen fueling infrastruc-  
9 ture, propane fueling infrastructure, or  
10 natural gas fueling infrastructure.

11 “(D) TRAFFIC CONTROL DEVICES.—

12 “(i) IN GENERAL.—Subject to this  
13 paragraph, an eligible entity that receives  
14 a grant under this subsection may use a  
15 portion of the funds to acquire and install  
16 traffic control devices located in the right-  
17 of-way to provide directional information to  
18 publicly accessible electric vehicle charging  
19 infrastructure, hydrogen fueling infrastruc-  
20 ture, propane fueling infrastructure, or  
21 natural gas fueling infrastructure acquired,  
22 installed, or operated with the grant.

23 “(ii) APPLICABILITY.—Clause (i) shall  
24 apply only to an eligible entity that—

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1                   “(I) receives a grant under this  
2                   subsection; and

3                   “(II) is using that grant for the  
4                   acquisition and installation of publicly  
5                   accessible electric vehicle charging in-  
6                   frastructure, hydrogen fueling infra-  
7                   structure, propane fueling infrastruc-  
8                   ture, or natural gas fueling infrastruc-  
9                   ture.

10                  “(iii) LIMITATION ON AMOUNT.—The  
11                  amount of funds used to acquire and in-  
12                  stall traffic control devices under clause (i)  
13                  may not exceed the amount of a contract  
14                  under subparagraph (A) to acquire and in-  
15                  stall publicly accessible charging or fueling  
16                  infrastructure.

17                  “(iv) NO NEW AUTHORITY CRE-  
18                  ATED.—Nothing in this subparagraph au-  
19                  thorizes an eligible entity that receives a  
20                  grant under this subsection to acquire and  
21                  install traffic control devices if the entity is  
22                  not otherwise authorized to do so.

23                  “(E) REVENUE.—

24                  “(i) IN GENERAL.—An eligible entity  
25                  receiving a grant under this subsection and



1 a private entity referred to in subpara-  
2 graph (A) may enter into a cost-sharing  
3 agreement under which the private entity  
4 submits to the eligible entity a portion of  
5 the revenue from the electric vehicle charg-  
6 ing infrastructure, hydrogen fueling infra-  
7 structure, propane fueling infrastructure,  
8 or natural gas fueling infrastructure.

9 “(ii) USES OF REVENUE.—An eligible  
10 entity that receives revenue from a cost-  
11 sharing agreement under clause (i) may  
12 only use that revenue for a project that is  
13 eligible under this title.

14 “(7) CERTAIN FUELS.—The use of grants for  
15 propane fueling infrastructure under this subsection  
16 shall be limited to infrastructure for medium- and  
17 heavy-duty vehicles.

18 “(8) COMMUNITY GRANTS.—

19 “(A) IN GENERAL.—Notwithstanding  
20 paragraphs (4), (5), and (6), the Secretary  
21 shall reserve 50 percent of the amounts made  
22 available each fiscal year to carry out this sec-  
23 tion to provide grants to eligible entities in ac-  
24 cordance with this paragraph.



1 preliminary engineering and design work,  
2 and other preconstruction activities; and

3 “(ii) the acquisition and installation of  
4 electric vehicle charging infrastructure, hy-  
5 drogen fueling infrastructure, propane  
6 fueling infrastructure, or natural gas fuel-  
7 ing infrastructure that is directly related to  
8 the charging or fueling of a vehicle, includ-  
9 ing any related construction or reconstruc-  
10 tion and the acquisition of real property di-  
11 rectly related to the project, such as loca-  
12 tions described in subparagraph (E), to ex-  
13 pand access to electric vehicle charging in-  
14 frastructure, hydrogen fueling infrastruc-  
15 ture, propane fueling infrastructure, or  
16 natural gas fueling infrastructure.

17 “(E) PROJECT LOCATIONS.—A project re-  
18 ceiving a grant under this paragraph may be lo-  
19 cated on any public road or in other publicly ac-  
20 cessible locations, such as parking facilities at  
21 public buildings, public schools, and public  
22 parks, or in publicly accessible parking facilities  
23 owned or managed by a private entity.

24 “(F) PRIORITY.—In providing grants  
25 under this paragraph, the Secretary shall give

1 priority to projects that expand access to elec-  
2 tric vehicle charging infrastructure, hydrogen  
3 fueling infrastructure, propane fueling infra-  
4 structure, or natural gas fueling infrastructure  
5 within—

6 “(i) rural areas;

7 “(ii) low- and moderate-income neigh-  
8 borhoods; and

9 “(iii) communities with a low ratio of  
10 private parking spaces to households or a  
11 high ratio of multiunit dwellings to single  
12 family homes, as determined by the Sec-  
13 retary.

14 “(G) ADDITIONAL CONSIDERATIONS.—In  
15 providing grants under this paragraph, the Sec-  
16 retary shall consider the extent to which the  
17 project—

18 “(i) contributes to geographic diver-  
19 sity among eligible entities, including  
20 achieving a balance between urban and  
21 rural communities; and

22 “(ii) meets current or anticipated  
23 market demands for charging or fueling in-  
24 frastructure, including faster charging  
25 speeds with high-powered capabilities nec-

1            necessary to minimize the time to charge or  
2            refuel current and anticipated vehicles.

3            “(H) PARTNERING WITH PRIVATE ENTI-  
4            TIES.—An eligible entity that receives a grant  
5            under this paragraph may use the grant funds  
6            to contract with a private entity for the acquisi-  
7            tion, construction, installation, maintenance, or  
8            operation of electric vehicle charging infrastruc-  
9            ture, hydrogen fueling infrastructure, propane  
10           fueling infrastructure, or natural gas fueling in-  
11           frastructure that is directly related to the  
12           charging or fueling of a vehicle.

13           “(I) MAXIMUM GRANT AMOUNT.—The  
14           amount of a grant under this paragraph shall  
15           not be more than \$15,000,000.

16           “(J) TECHNICAL ASSISTANCE.—Of the  
17           amounts reserved under subparagraph (A), the  
18           Secretary may use not more than 1 percent to  
19           provide technical assistance to eligible entities.

20           “(K) ADDITIONAL ACTIVITIES.—The re-  
21           cipient of a grant under this paragraph may  
22           use not more than 5 percent of the grant funds  
23           on educational and community engagement ac-  
24           tivities to develop and implement education pro-  
25           grams through partnerships with schools, com-

1 community organizations, and vehicle dealerships to  
2 support the use of zero-emission vehicles and  
3 associated infrastructure.

4 “(9) REQUIREMENTS.—

5 “(A) PROJECT TREATMENT.—Notwith-  
6 standing any other provision of law, any project  
7 funded by a grant under this subsection shall  
8 be treated as a project on a Federal-aid high-  
9 way under this chapter.

10 “(B) SIGNS.—Any traffic control device or  
11 on-premises sign acquired, installed, or operated  
12 with a grant under this subsection shall comply  
13 with—

14 “(i) the Manual on Uniform Traffic  
15 Control Devices, if located in the right-of-  
16 way; and

17 “(ii) other provisions of Federal,  
18 State, and local law, as applicable.

19 “(10) FEDERAL SHARE.—

20 “(A) IN GENERAL.—The Federal share of  
21 the cost of a project carried out with a grant  
22 under this subsection shall not exceed 80 per-  
23 cent of the total project cost.

24 “(B) RESPONSIBILITY OF PRIVATE ENTI-  
25 TY.—As a condition of contracting with an eli-

1           gible entity under paragraph (6) or (8), a pri-  
2           vate entity shall agree to pay the share of the  
3           cost of a project carried out with a grant under  
4           this subsection that is not paid by the Federal  
5           Government under subparagraph (A).

6           “(11) REPORT.—Not later than 3 years after  
7           the date of enactment of this subsection, the Sec-  
8           retary shall submit to the Committee on Environ-  
9           ment and Public Works of the Senate and the Com-  
10          mittee on Transportation and Infrastructure of the  
11          House of Representatives and make publicly avail-  
12          able a report on the progress and implementation of  
13          this subsection.”.

14 **SEC. 1402. REDUCTION OF TRUCK EMISSIONS AT PORT FA-**  
15 **CILITIES.**

16           (a) ESTABLISHMENT OF PROGRAM.—

17           (1) IN GENERAL.—The Secretary shall establish  
18           a program to reduce idling at port facilities, under  
19           which the Secretary shall—

20           (A) study how ports and intermodal port  
21           transfer facilities would benefit from increased  
22           opportunities to reduce emissions at ports, in-  
23           cluding through the electrification of port oper-  
24           ations;

1 (B) study emerging technologies and strat-  
2 egies that may help reduce port-related emis-  
3 sions from idling trucks; and

4 (C) coordinate and provide funding to test,  
5 evaluate, and deploy projects that reduce port-  
6 related emissions from idling trucks, including  
7 through the advancement of port electrification  
8 and improvements in efficiency, focusing on  
9 port operations, including heavy-duty commer-  
10 cial vehicles, and other related projects.

11 (2) CONSULTATION.—In carrying out the pro-  
12 gram under this subsection, the Secretary may con-  
13 sult with the Secretary of Energy and the Adminis-  
14 trator of the Environmental Protection Agency.

15 (b) GRANTS.—

16 (1) IN GENERAL.—In carrying out subsection  
17 (a)(1)(C), the Secretary shall award grants to fund  
18 projects that reduce emissions at ports, including  
19 through the advancement of port electrification.

20 (2) COST SHARE.—A grant awarded under  
21 paragraph (1) shall not exceed 80 percent of the  
22 total cost of the project funded by the grant.

23 (3) COORDINATION.—In carrying out the grant  
24 program under this subsection, the Secretary shall—



1 (A) to the maximum extent practicable, le-  
2 verage existing resources and programs of the  
3 Department and other relevant Federal agen-  
4 cies; and

5 (B) coordinate with other Federal agen-  
6 cies, as the Secretary determines to be appro-  
7 priate.

8 (4) APPLICATION; SELECTION.—

9 (A) APPLICATION.—The Secretary shall  
10 solicit applications for grants under paragraph  
11 (1) at such time, in such manner, and con-  
12 taining such information as the Secretary deter-  
13 mines to be necessary.

14 (B) SELECTION.—The Secretary shall  
15 make grants under paragraph (1) by not later  
16 than April 1 of each fiscal year for which fund-  
17 ing is made available.

18 (5) REQUIREMENT.—Notwithstanding any  
19 other provision of law, any project funded by a grant  
20 under this subsection shall be treated as a project on  
21 a Federal-aid highway under chapter 1 of title 23,  
22 United States Code.

23 (c) REPORT.—Not later than 1 year after the date  
24 on which all of the projects funded with a grant under

1 subsection (b) are completed, the Secretary shall submit  
2 to Congress a report that includes—

3 (1) the findings of the studies described in sub-  
4 paragraphs (A) and (B) of subsection (a)(1);

5 (2) the results of the projects that received a  
6 grant under subsection (b);

7 (3) any recommendations for workforce develop-  
8 ment and training opportunities with respect to port  
9 electrification; and

10 (4) any policy recommendations based on the  
11 findings and results described in paragraphs (1) and  
12 (2).

13 **SEC. 1403. CARBON REDUCTION PROGRAM.**

14 (a) IN GENERAL.—Chapter 1 of title 23, United  
15 States Code (as amended by section 1203(a)), is amended  
16 by adding at the end the following:

17 **“§ 175. Carbon reduction program**

18 “(a) DEFINITIONS.—In this section:

19 “(1) METROPOLITAN PLANNING ORGANIZATION;  
20 URBANIZED AREA.—The terms ‘metropolitan plan-  
21 ning organization’ and ‘urbanized area’ have the  
22 meaning given those terms in section 134(b).

23 “(2) TRANSPORTATION EMISSIONS.—The term  
24 ‘transportation emissions’ means carbon dioxide

1 emissions from on-road highway sources of those  
2 emissions within a State.

3 “(3) TRANSPORTATION MANAGEMENT AREA.—

4 The term ‘transportation management area’ means  
5 a transportation management area identified or des-  
6 ignated by the Secretary under section 134(k)(1).

7 “(b) ESTABLISHMENT.—The Secretary shall estab-  
8 lish a carbon reduction program to reduce transportation  
9 emissions.

10 “(c) ELIGIBLE PROJECTS.—

11 “(1) IN GENERAL.—Subject to paragraph (2),  
12 funds apportioned to a State under section  
13 104(b)(7) may be obligated for projects to support  
14 the reduction of transportation emissions, includ-  
15 ing—

16 “(A) a project described in section  
17 149(b)(4) to establish or operate a traffic moni-  
18 toring, management, and control facility or pro-  
19 gram, including advanced truck stop electrifica-  
20 tion systems;

21 “(B) a public transportation project that is  
22 eligible for assistance under section 142;

23 “(C) a project described in section  
24 101(a)(29) (as in effect on the day before the  
25 date of enactment of the FAST Act (Public

1 Law 114–94; 129 Stat. 1312)), including the  
2 construction, planning, and design of on-road  
3 and off-road trail facilities for pedestrians,  
4 bicyclists, and other nonmotorized forms of  
5 transportation;

6 “(D) a project described in section  
7 503(c)(4)(E) for advanced transportation and  
8 congestion management technologies;

9 “(E) a project for the deployment of infra-  
10 structure-based intelligent transportation sys-  
11 tems capital improvements and the installation  
12 of vehicle-to-infrastructure communications  
13 equipment, including retrofitting dedicated  
14 short-range communications (DSRC) tech-  
15 nology deployed as part of an existing pilot pro-  
16 gram to cellular vehicle-to-everything (C–V2X)  
17 technology;

18 “(F) a project to replace street lighting  
19 and traffic control devices with energy-efficient  
20 alternatives;

21 “(G) the development of a carbon reduc-  
22 tion strategy in accordance with subsection (d);

23 “(H) a project or strategy that is designed  
24 to support congestion pricing, shifting transpor-  
25 tation demand to nonpeak hours or other trans-

1 portation modes, increasing vehicle occupancy  
2 rates, or otherwise reducing demand for roads,  
3 including electronic toll collection, and travel  
4 demand management strategies and programs;

5 “(I) efforts to reduce the environmental  
6 and community impacts of freight movement;

7 “(J) a project to support deployment of al-  
8 ternative fuel vehicles, including—

9 “(i) the acquisition, installation, or  
10 operation of publicly accessible electric ve-  
11 hicle charging infrastructure or hydrogen,  
12 natural gas, or propane vehicle fueling in-  
13 frastructure; and

14 “(ii) the purchase or lease of zero-  
15 emission construction equipment and vehi-  
16 cles, including the acquisition, construc-  
17 tion, or leasing of required supporting fa-  
18 cilities;

19 “(K) a project described in section  
20 149(b)(8) for a diesel engine retrofit;

21 “(L) a project described in section  
22 149(b)(5) that does not result in the construc-  
23 tion of new capacity; and

1           “(M) a project that reduces transportation  
2           emissions at port facilities, including through  
3           the advancement of port electrification.

4           “(2) FLEXIBILITY.—In addition to the eligible  
5           projects under paragraph (1), a State may use funds  
6           apportioned under section 104(b)(7) for a project el-  
7           igible under section 133(b) if the Secretary certifies  
8           that the State has demonstrated a reduction in  
9           transportation emissions—

10           “(A) as estimated on a per capita basis;

11           and

12           “(B) as estimated on a per unit of eco-  
13           nomic output basis.

14           “(d) CARBON REDUCTION STRATEGY.—

15           “(1) IN GENERAL.—Not later than 2 years  
16           after the date of enactment of the Infrastructure In-  
17           vestment and Jobs Act, a State, in consultation with  
18           any metropolitan planning organization designated  
19           within the State, shall develop a carbon reduction  
20           strategy in accordance with this subsection.

21           “(2) REQUIREMENTS.—The carbon reduction  
22           strategy of a State developed under paragraph (1)  
23           shall—

24           “(A) support efforts to reduce transpor-  
25           tation emissions;

1           “(B) identify projects and strategies to re-  
2           duce transportation emissions, which may in-  
3           clude projects and strategies for safe, reliable,  
4           and cost-effective options—

5                   “(i) to reduce traffic congestion by fa-  
6                   cilitating the use of alternatives to single-  
7                   occupant vehicle trips, including public  
8                   transportation facilities, pedestrian facili-  
9                   ties, bicycle facilities, and shared or pooled  
10                  vehicle trips within the State or an area  
11                  served by the applicable metropolitan plan-  
12                  ning organization, if any;

13                   “(ii) to facilitate the use of vehicles or  
14                   modes of travel that result in lower trans-  
15                   portation emissions per person-mile trav-  
16                   eled as compared to existing vehicles and  
17                   modes; and

18                   “(iii) to facilitate approaches to the  
19                   construction of transportation assets that  
20                   result in lower transportation emissions as  
21                   compared to existing approaches;

22           “(C) support the reduction of transpor-  
23           tation emissions of the State;

24           “(D) at the discretion of the State, quan-  
25           tify the total carbon emissions from the produc-

1           tion, transport, and use of materials used in the  
2           construction of transportation facilities within  
3           the State; and

4                   “(E) be appropriate to the population den-  
5           sity and context of the State, including any  
6           metropolitan planning organization designated  
7           within the State.

8           “(3) UPDATES.—The carbon reduction strategy  
9           of a State developed under paragraph (1) shall be  
10          updated not less frequently than once every 4 years.

11           “(4) REVIEW.—Not later than 90 days after  
12          the date on which a State submits a request for the  
13          approval of a carbon reduction strategy developed by  
14          the State under paragraph (1), the Secretary shall—

15                   “(A) review the process used to develop the  
16          carbon reduction strategy; and

17                   “(B)(i) certify that the carbon reduction  
18          strategy meets the requirements of paragraph  
19          (2); or

20                   “(ii) deny certification of the carbon reduc-  
21          tion strategy and specify the actions necessary  
22          for the State to take to correct the deficiencies  
23          in the process of the State in developing the  
24          carbon reduction strategy.



1           “(5) TECHNICAL ASSISTANCE.—At the request  
2 of a State, the Secretary shall provide technical as-  
3 sistance in the development of the carbon reduction  
4 strategy under paragraph (1).

5           “(e) SUBALLOCATION.—

6           “(1) IN GENERAL.—For each fiscal year, of the  
7 funds apportioned to the State under section  
8 104(b)(7)—

9           “(A) 65 percent shall be obligated, in pro-  
10 portion to their relative shares of the population  
11 of the State—

12           “(i) in urbanized areas of the State  
13 with an urbanized area population of more  
14 than 200,000;

15           “(ii) in urbanized areas of the State  
16 with an urbanized population of not less  
17 than 50,000 and not more than 200,000;

18           “(iii) in urban areas of the State with  
19 a population of not less than 5,000 and  
20 not more than 49,999; and

21           “(iv) in other areas of the State with  
22 a population of less than 5,000; and

23           “(B) the remainder may be obligated in  
24 any area of the State.

1           “(2) METROPOLITAN AREAS.—Funds attributed  
2           to an urbanized area under paragraph (1)(A)(i) may  
3           be obligated in the metropolitan area established  
4           under section 134 that encompasses the urbanized  
5           area.

6           “(3) DISTRIBUTION AMONG URBANIZED AREAS  
7           OF OVER 50,000 POPULATION.—

8           “(A) IN GENERAL.—Except as provided in  
9           subparagraph (B), the amounts that a State is  
10          required to obligate under clauses (i) and (ii) of  
11          paragraph (1)(A) shall be obligated in urban-  
12          ized areas described in those clauses based on  
13          the relative population of the areas.

14          “(B) OTHER FACTORS.—The State may  
15          obligate the funds described in subparagraph  
16          (A) based on other factors if—

17                  “(i) the State and the relevant metro-  
18                  politan planning organizations jointly apply  
19                  to the Secretary for the permission to base  
20                  the obligation on other factors; and

21                  “(ii) the Secretary grants the request.

22          “(4) COORDINATION IN URBANIZED AREAS.—  
23          Before obligating funds for an eligible project under  
24          subsection (c) in an urbanized area that is not a  
25          transportation management area, a State shall co-

1       ordinate with any metropolitan planning organiza-  
2       tion that represents the urbanized area prior to de-  
3       termining which activities should be carried out  
4       under the project.

5               “(5) CONSULTATION IN RURAL AREAS.—Before  
6       obligating funds for an eligible project under sub-  
7       section (c) in a rural area, a State shall consult with  
8       any regional transportation planning organization or  
9       metropolitan planning organization that represents  
10      the rural area prior to determining which activities  
11      should be carried out under the project.

12              “(6) OBLIGATION AUTHORITY.—

13                      “(A) IN GENERAL.—A State that is re-  
14      quired to obligate in an urbanized area with an  
15      urbanized area population of 50,000 or more  
16      under this subsection funds apportioned to the  
17      State under section 104(b)(7) shall make avail-  
18      able during the period of fiscal years 2022  
19      through 2026 an amount of obligation authority  
20      distributed to the State for Federal-aid high-  
21      ways and highway safety construction programs  
22      for use in the area that is equal to the amount  
23      obtained by multiplying—

24                              “(i) the aggregate amount of funds  
25                              that the State is required to obligate in the

1 area under this subsection during the pe-  
2 riod; and

3 “(ii) the ratio that—

4 “(I) the aggregate amount of ob-  
5 ligation authority distributed to the  
6 State for Federal-aid highways and  
7 highway safety construction programs  
8 during the period; bears to

9 “(II) the total of the sums appor-  
10 tioned to the State for Federal-aid  
11 highways and highway safety con-  
12 struction programs (excluding sums  
13 not subject to an obligation limitation)  
14 during the period.

15 “(B) JOINT RESPONSIBILITY.—Each  
16 State, each affected metropolitan planning or-  
17 ganization, and the Secretary shall jointly en-  
18 sure compliance with subparagraph (A).

19 “(f) FEDERAL SHARE.—The Federal share of the  
20 cost of a project carried out using funds apportioned to  
21 a State under section 104(b)(7) shall be determined in ac-  
22 cordance with section 120.

23 “(g) TREATMENT OF PROJECTS.—Notwithstanding  
24 any other provision of law, a project assisted under this

1 section shall be treated as a project on a Federal-aid high-  
2 way under this chapter.”.

3 (b) CLERICAL AMENDMENT.—The analysis for chap-  
4 ter 1 of title 23, United States Code (as amended by sec-  
5 tion 1203(b)) is amended by inserting after the item relat-  
6 ing to section 174 the following:

“175. Carbon reduction program.”.

7 **SEC. 1404. CONGESTION RELIEF PROGRAM.**

8 (a) IN GENERAL.—Section 129 of title 23, United  
9 States Code, is amended by adding at the end the fol-  
10 lowing:

11 “(d) CONGESTION RELIEF PROGRAM.—

12 “(1) DEFINITIONS.—In this subsection:

13 “(A) ELIGIBLE ENTITY.—The term ‘eligi-  
14 ble entity’ means any of the following:

15 “(i) A State, for the purpose of car-  
16 rying out a project in an urbanized area  
17 with a population of more than 1,000,000.

18 “(ii) A metropolitan planning organi-  
19 zation, city, or municipality, for the pur-  
20 pose of carrying out a project in an urban-  
21 ized area with a population of more than  
22 1,000,000.

23 “(B) INTEGRATED CONGESTION MANAGE-  
24 MENT SYSTEM.—The term ‘integrated conges-  
25 tion management system’ means a system for

1 the integration of management and operations  
2 of a regional transportation system that in-  
3 cludes, at a minimum, traffic incident manage-  
4 ment, work zone management, traffic signal  
5 timing, managed lanes, real-time traveler infor-  
6 mation, and active traffic management, in order  
7 to maximize the capacity of all facilities and  
8 modes across the applicable region.

9 “(C) PROGRAM.—The term ‘program’  
10 means the congestion relief program established  
11 under paragraph (2).

12 “(2) ESTABLISHMENT.—The Secretary shall es-  
13 tablish a congestion relief program to provide discre-  
14 tionary grants to eligible entities to advance innova-  
15 tive, integrated, and multimodal solutions to conges-  
16 tion relief in the most congested metropolitan areas  
17 of the United States.

18 “(3) PROGRAM GOALS.—The goals of the pro-  
19 gram are to reduce highway congestion, reduce eco-  
20 nomic and environmental costs associated with that  
21 congestion, including transportation emissions, and  
22 optimize existing highway capacity and usage of  
23 highway and transit systems through—

1           “(A) improving intermodal integration with  
2 highways, highway operations, and highway  
3 performance;

4           “(B) reducing or shifting highway users to  
5 off-peak travel times or to nonhighway travel  
6 modes during peak travel times; and

7           “(C) pricing of, or based on, as applica-  
8 ble—

9                   “(i) parking;

10                   “(ii) use of roadways, including in  
11 designated geographic zones; or

12                   “(iii) congestion.

13           “(4) ELIGIBLE PROJECTS.—Funds from a  
14 grant under the program may be used for a project  
15 or an integrated collection of projects, including  
16 planning, design, implementation, and construction  
17 activities, to achieve the program goals under para-  
18 graph (3), including—

19                   “(A) deployment and operation of an inte-  
20 grated congestion management system;

21                   “(B) deployment and operation of a system  
22 that implements or enforces high occupancy ve-  
23 hicle toll lanes, cordon pricing, parking pricing,  
24 or congestion pricing;

1           “(C) deployment and operation of mobility  
2 services, including establishing account-based fi-  
3 nancial systems, commuter buses, commuter  
4 vans, express operations, paratransit, and on-  
5 demand microtransit; and

6           “(D) incentive programs that encourage  
7 travelers to carpool, use nonhighway travel  
8 modes during peak period, or travel during  
9 nonpeak periods.

10           “(5) APPLICATION; SELECTION.—

11           “(A) APPLICATION.—To be eligible to re-  
12 ceive a grant under the program, an eligible en-  
13 tity shall submit to the Secretary an application  
14 at such time, in such manner, and containing  
15 such information as the Secretary may require.

16           “(B) PRIORITY.—In providing grants  
17 under the program, the Secretary shall give pri-  
18 ority to projects in urbanized areas that are ex-  
19 perencing a high degree of recurrent conges-  
20 tion.

21           “(C) FEDERAL SHARE.—The Federal  
22 share of the cost of a project carried out with  
23 a grant under the program shall not exceed 80  
24 percent of the total project cost.



1           “(D) MINIMUM AWARD.—A grant provided  
2           under the program shall be not less than  
3           \$10,000,000.

4           “(6) USE OF TOLLING.—

5           “(A) IN GENERAL.—Notwithstanding sub-  
6           section (a)(1) and section 301 and subject to  
7           subparagraphs (B) and (C), the Secretary shall  
8           allow the use of tolls on the Interstate System  
9           as part of a project carried out with a grant  
10          under the program.

11          “(B) REQUIREMENTS.—The Secretary  
12          may only approve the use of tolls under sub-  
13          paragraph (A) if—

14                 “(i) the eligible entity has authority  
15                 under State, and if applicable, local, law to  
16                 assess the applicable toll;

17                 “(ii) the maximum toll rate for any  
18                 vehicle class is not greater than the prod-  
19                 uct obtained by multiplying—

20                         “(I) the toll rate for any other  
21                         vehicle class; and

22                         “(II) 5;

23                 “(iii) the toll rates are not charged or  
24                 varied on the basis of State residency;

1                   “(iv) the Secretary determines that  
2                   the use of tolls will enable the eligible enti-  
3                   ty to achieve the program goals under  
4                   paragraph (3) without a significant impact  
5                   to safety or mobility within the urbanized  
6                   area in which the project is located; and

7                   “(v) the use of toll revenues complies  
8                   with subsection (a)(3).

9                   “(C) LIMITATION.—The Secretary may not  
10                  approve the use of tolls on the Interstate Sys-  
11                  tem under the program in more than 10 urban-  
12                  ized areas.

13                  “(7) FINANCIAL EFFECTS ON LOW-INCOME  
14                  DRIVERS.—A project under the program—

15                  “(A) shall include, if appropriate, an anal-  
16                  ysis of the potential effects of the project on  
17                  low-income drivers; and

18                  “(B) may include mitigation measures to  
19                  deal with any potential adverse financial effects  
20                  on low-income drivers.”.

21                  (b) HIGH OCCUPANCY VEHICLE USE OF CERTAIN  
22                  TOLL FACILITIES.—Section 129(a) of title 23, United  
23                  States Code, is amended—

24                  (1) by redesignating paragraph (10) as para-  
25                  graph (11); and

1           (2) by inserting after paragraph (9) the fol-  
2           lowing:

3           “(10) HIGH OCCUPANCY VEHICLE USE OF CER-  
4           TAIN TOLL FACILITIES.—Notwithstanding section  
5           102(a), in the case of a toll facility that is on the  
6           Interstate System and that is constructed or con-  
7           verted after the date of enactment of the Infrastruc-  
8           ture Investment and Jobs Act, the public authority  
9           with jurisdiction over the toll facility shall allow high  
10          occupancy vehicles, transit, and paratransit vehicles  
11          to use the facility at a discount rate or without  
12          charge, unless the public authority, in consultation  
13          with the Secretary, determines that the number of  
14          those vehicles using the facility reduces the travel  
15          time reliability of the facility.”.

16 **SEC. 1405. PROMOTING RESILIENT OPERATIONS FOR**  
17                   **TRANSFORMATIVE, EFFICIENT, AND COST-**  
18                   **SAVING TRANSPORTATION (PROTECT) PRO-**  
19                   **GRAM.**

20          (a) IN GENERAL.—Chapter 1 of title 23, United  
21          States Code (as amended by section 1403(a)), is amended  
22          by adding at the end the following:

1 **“§ 176. Promoting Resilient Operations for Trans-**  
2 **formative, Efficient, and Cost-saving**  
3 **Transportation (PROTECT) program**

4 “(a) DEFINITIONS.—In this section:

5 “(1) EMERGENCY EVENT.—The term ‘emer-  
6 gency event’ means a natural disaster or cata-  
7 strophic failure resulting in—

8 “(A) an emergency declared by the Gov-  
9 ernor of the State in which the disaster or fail-  
10 ure occurred; or

11 “(B) an emergency or disaster declared by  
12 the President.

13 “(2) EVACUATION ROUTE.—The term ‘evacu-  
14 ation route’ means a transportation route or system  
15 that—

16 “(A) is owned, operated, or maintained by  
17 a Federal, State, Tribal, or local government;

18 “(B) is used—

19 “(i) to transport the public away from  
20 emergency events; or

21 “(ii) to transport emergency respond-  
22 ers and recovery resources; and

23 “(C) is designated by the eligible entity  
24 with jurisdiction over the area in which the  
25 route is located for the purposes described in  
26 subparagraph (B).

1           “(3) PROGRAM.—The term ‘program’ means  
2 the program established under subsection (b)(1).

3           “(4) RESILIENCE IMPROVEMENT.—The term  
4 ‘resilience improvement’ means the use of materials  
5 or structural or nonstructural techniques, including  
6 natural infrastructure—

7           “(A) that allow a project—

8           “(i) to better anticipate, prepare for,  
9 and adapt to changing conditions and to  
10 withstand and respond to disruptions; and

11           “(ii) to be better able to continue to  
12 serve the primary function of the project  
13 during and after weather events and nat-  
14 ural disasters for the expected life of the  
15 project; or

16           “(B) that—

17           “(i) reduce the magnitude and dura-  
18 tion of impacts of current and future  
19 weather events and natural disasters to a  
20 project; or

21           “(ii) have the absorptive capacity,  
22 adaptive capacity, and recoverability to de-  
23 crease project vulnerability to current and  
24 future weather events or natural disasters.

25           “(b) ESTABLISHMENT.—

1           “(1) IN GENERAL.—The Secretary shall estab-  
2           lish a program, to be known as the ‘Promoting Re-  
3           silient Operations for Transformative, Efficient, and  
4           Cost-saving Transportation program’ or the ‘PRO-  
5           TECT program’.

6           “(2) PURPOSE.—The purpose of the program is  
7           to provide grants for resilience improvements  
8           through—

9                   “(A) formula funding distributed to States  
10                  to carry out subsection (c);

11                  “(B) competitive planning grants to enable  
12                  communities to assess vulnerabilities to current  
13                  and future weather events and natural disasters  
14                  and changing conditions, including sea level  
15                  rise, and plan transportation improvements and  
16                  emergency response strategies to address those  
17                  vulnerabilities; and

18                  “(C) competitive resilience improvement  
19                  grants to protect—

20                          “(i) surface transportation assets by  
21                          making the assets more resilient to current  
22                          and future weather events and natural dis-  
23                          asters, such as severe storms, flooding,  
24                          drought, levee and dam failures, wildfire,  
25                          rockslides, mudslides, sea level rise, ex-

1           treme weather, including extreme tempera-  
2           ture, and earthquakes;

3           “(ii) communities through resilience  
4           improvements and strategies that allow for  
5           the continued operation or rapid recovery  
6           of surface transportation systems that—

7                       “(I) serve critical local, regional,  
8                       and national needs, including evacu-  
9                       ation routes; and

10                      “(II) provide access or service to  
11                      hospitals and other medical or emer-  
12                      gency service facilities, major employ-  
13                      ers, critical manufacturing centers,  
14                      ports and intermodal facilities, utili-  
15                      ties, and Federal facilities;

16                      “(iii) coastal infrastructure, such as a  
17                      tide gate to protect highways, that is at  
18                      long-term risk to sea level rise; and

19                      “(iv) natural infrastructure that pro-  
20                      tects and enhances surface transportation  
21                      assets while improving ecosystem condi-  
22                      tions, including culverts that ensure ade-  
23                      quate flows in rivers and estuarine sys-  
24                      tems.

1       “(c) ELIGIBLE ACTIVITIES FOR APPORTIONED  
2 FUNDING.—

3           “(1) IN GENERAL.—Except as provided in para-  
4 graph (2), funds apportioned to the State under sec-  
5 tion 104(b)(8) shall be obligated for activities eligi-  
6 ble under subparagraph (A), (B), or (C) of sub-  
7 section (d)(4).

8           “(2) PLANNING SET-ASIDE.—Of the funds ap-  
9 portioned to a State under section 104(b)(8) for  
10 each fiscal year, not less than 2 percent shall be for  
11 activities described in subsection (d)(3).

12           “(3) REQUIREMENTS.—

13           “(A) PROJECTS IN CERTAIN AREAS.—If a  
14 project under this subsection is carried out, in  
15 whole or in part, within a base floodplain, the  
16 State shall—

17           “(i) identify the base floodplain in  
18 which the project is to be located and dis-  
19 close that information to the Secretary;  
20 and

21           “(ii) indicate to the Secretary whether  
22 the State plans to implement 1 or more  
23 components of the risk mitigation plan  
24 under section 322 of the Robert T. Staf-  
25 ford Disaster Relief and Emergency Assist-



1                   ance Act (42 U.S.C. 5165) with respect to  
2                   the area.

3                   “(B) ELIGIBILITIES.—A State shall use  
4                   funds apportioned to the State under section  
5                   104(b)(8) for—

6                   “(i) a highway project eligible for as-  
7                   sistance under this title;

8                   “(ii) a public transportation facility or  
9                   service eligible for assistance under chapter  
10                  53 of title 49; or

11                  “(iii) a port facility, including a facil-  
12                  ity that—

13                  “(I) connects a port to other  
14                  modes of transportation;

15                  “(II) improves the efficiency of  
16                  evacuations and disaster relief; or

17                  “(III) aids transportation.

18                  “(C) SYSTEM RESILIENCE.—A project car-  
19                  ried out by a State with funds apportioned to  
20                  the State under section 104(b)(8) may include  
21                  the use of natural infrastructure or the con-  
22                  struction or modification of storm surge, flood  
23                  protection, or aquatic ecosystem restoration ele-  
24                  ments that are functionally connected to a  
25                  transportation improvement, such as—

1 “(i) increasing marsh health and total  
2 area adjacent to a highway right-of-way to  
3 promote additional flood storage;

4 “(ii) upgrades to and installation of  
5 culverts designed to withstand 100-year  
6 flood events;

7 “(iii) upgrades to and installation of  
8 tide gates to protect highways;

9 “(iv) upgrades to and installation of  
10 flood gates to protect tunnel entrances;  
11 and

12 “(v) improving functionality and resil-  
13 iency of stormwater controls, including in-  
14 ventory inspections, upgrades to, and pres-  
15 ervation of best management practices to  
16 protect surface transportation infrastruc-  
17 ture.

18 “(D) FEDERAL COST SHARE.—

19 “(i) IN GENERAL.—Except as pro-  
20 vided in subsection (e)(1), the Federal  
21 share of the cost of a project carried out  
22 using funds apportioned to the State under  
23 section 104(b)(8) shall not exceed 80 per-  
24 cent of the total project cost.

1           “(ii) NON-FEDERAL SHARE.—A State  
2           may use Federal funds other than Federal  
3           funds apportioned to the State under sec-  
4           tion 104(b)(8) to meet the non-Federal  
5           cost share requirement for a project under  
6           this subsection.

7           “(E) ELIGIBLE PROJECT COSTS.—

8           “(i) IN GENERAL.—Except as pro-  
9           vided in clause (ii), eligible project costs  
10          for activities carried out by a State with  
11          funds apportioned to the State under sec-  
12          tion 104(b)(8) may include the costs of—

13                 “(I) development phase activities,  
14                 including planning, feasibility anal-  
15                 ysis, revenue forecasting, environ-  
16                 mental review, preliminary engineer-  
17                 ing and design work, and other  
18                 preconstruction activities; and

19                 “(II) construction, reconstruc-  
20                 tion, rehabilitation, and acquisition of  
21                 real property (including land related  
22                 to the project and improvements to  
23                 land), environmental mitigation, con-  
24                 struction contingencies, acquisition of  
25                 equipment directly related to improv-

1                   ing system performance, and oper-  
2                   ational improvements.

3                   “(ii) **ELIGIBLE PLANNING COSTS.**—In  
4                   the case of a planning activity described in  
5                   subsection (d)(3) that is carried out by a  
6                   State with funds apportioned to the State  
7                   under section 104(b)(8), eligible costs may  
8                   include development phase activities, in-  
9                   cluding planning, feasibility analysis, rev-  
10                  enue forecasting, environmental review,  
11                  preliminary engineering and design work,  
12                  other preconstruction activities, and other  
13                  activities consistent with carrying out the  
14                  purposes of subsection (d)(3).

15                  “(F) **LIMITATIONS.**—A State—

16                         “(i) may use not more than 40 per-  
17                         cent of the amounts apportioned to the  
18                         State under section 104(b)(8) for the con-  
19                         struction of new capacity; and

20                         “(ii) may use not more than 10 per-  
21                         cent of the amounts apportioned to the  
22                         State under section 104(b)(8) for activities  
23                         described in subparagraph (E)(i)(I).

24                  “(d) **COMPETITIVE AWARDS.**—

1           “(1) IN GENERAL.—In addition to funds appor-  
2           tioned to States under section 104(b)(8) to carry out  
3           activities under subsection (c), the Secretary shall  
4           provide grants on a competitive basis under this sub-  
5           section to eligible entities described in paragraph  
6           (2).

7           “(2) ELIGIBLE ENTITIES.—Except as provided  
8           in paragraph (4)(C), the Secretary may make a  
9           grant under this subsection to any of the following:

10                   “(A) A State or political subdivision of a  
11                   State.

12                   “(B) A metropolitan planning organiza-  
13                   tion.

14                   “(C) A unit of local government.

15                   “(D) A special purpose district or public  
16                   authority with a transportation function, includ-  
17                   ing a port authority.

18                   “(E) An Indian tribe (as defined in section  
19                   207(m)(1)).

20                   “(F) A Federal land management agency  
21                   that applies jointly with a State or group of  
22                   States.

23                   “(G) A multi-State or multijurisdictional  
24                   group of entities described in subparagraphs  
25                   (A) through (F).

1           “(3) PLANNING GRANTS.—Using funds made  
2 available under this subsection, the Secretary shall  
3 provide planning grants to eligible entities for the  
4 purpose of—

5           “(A) in the case of a State or metropolitan  
6 planning organization, developing a resilience  
7 improvement plan under subsection (e)(2);

8           “(B) resilience planning, predesign, design,  
9 or the development of data tools to simulate  
10 transportation disruption scenarios, including  
11 vulnerability assessments;

12           “(C) technical capacity building by the eli-  
13 gible entity to facilitate the ability of the eligi-  
14 ble entity to assess the vulnerabilities of the  
15 surface transportation assets and community  
16 response strategies of the eligible entity under  
17 current conditions and a range of potential fu-  
18 ture conditions; or

19           “(D) evacuation planning and preparation.

20           “(4) RESILIENCE GRANTS.—

21           “(A) RESILIENCE IMPROVEMENT  
22 GRANTS.—

23           “(i) IN GENERAL.—Using funds made  
24 available under this subsection, the Sec-  
25 retary shall provide resilience improvement

1 grants to eligible entities to carry out 1 or  
2 more eligible activities under clause (ii).

3 “(ii) ELIGIBLE ACTIVITIES.—

4 “(I) IN GENERAL.—An eligible  
5 entity may use a resilience improve-  
6 ment grant under this subparagraph  
7 for 1 or more construction activities  
8 to improve the ability of an existing  
9 surface transportation asset to with-  
10 stand 1 or more elements of a weather  
11 event or natural disaster, or to in-  
12 crease the resilience of surface trans-  
13 portation infrastructure from the im-  
14 pacts of changing conditions, such as  
15 sea level rise, flooding, wildfires, ex-  
16 treme weather events, and other nat-  
17 ural disasters.

18 “(II) INCLUSIONS.—An activity  
19 eligible to be carried out under this  
20 subparagraph includes—

21 “(aa) resurfacing, restora-  
22 tion, rehabilitation, reconstruc-  
23 tion, replacement, improvement,  
24 or realignment of an existing sur-

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1 face transportation facility eligi-  
2 ble for assistance under this title;

3 “(bb) the incorporation of  
4 natural infrastructure;

5 “(cc) the upgrade of an ex-  
6 isting surface transportation fa-  
7 cility to meet or exceed a design  
8 standard adopted by the Federal  
9 Highway Administration;

10 “(dd) the installation of  
11 mitigation measures that prevent  
12 the intrusion of floodwaters into  
13 surface transportation systems;

14 “(ee) strengthening systems  
15 that remove rainwater from sur-  
16 face transportation facilities;

17 “(ff) upgrades to and instal-  
18 lation of structural stormwater  
19 controls;

20 “(gg) a resilience project  
21 that addresses identified  
22 vulnerabilities described in the  
23 resilience improvement plan of  
24 the eligible entity, if applicable;



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1                   “(hh) relocating roadways in  
2                   a base floodplain to higher  
3                   ground above projected flood ele-  
4                   vation levels, or away from slide  
5                   prone areas;

6                   “(ii) stabilizing slide areas  
7                   or slopes;

8                   “(jj) installing riprap;

9                   “(kk) lengthening or raising  
10                  bridges to increase waterway  
11                  openings, including to respond to  
12                  extreme weather;

13                  “(ll) increasing the size or  
14                  number of drainage structures;

15                  “(mm) installing seismic ret-  
16                  rofits on bridges;

17                  “(nn) adding scour protec-  
18                  tion at bridges;

19                  “(oo) adding scour, stream  
20                  stability, coastal, and other hy-  
21                  draulic countermeasures, includ-  
22                  ing spur dikes;

23                  “(pp) vegetation manage-  
24                  ment practices in transportation  
25                  rights-of-way to improve roadway

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1 safety, prevent against invasive  
2 species, facilitate wildfire control,  
3 and provide erosion control; and

4 “(qq) any other protective  
5 features, including natural infra-  
6 structure, as determined by the  
7 Secretary.

8 “(iii) PRIORITY.—The Secretary shall  
9 prioritize a resilience improvement grant to  
10 an eligible entity if—

11 “(I) the Secretary determines—

12 “(aa) the benefits of the eli-  
13 gible activity proposed to be car-  
14 ried out by the eligible entity ex-  
15 ceed the costs of the activity; and

16 “(bb) there is a need to ad-  
17 dress the vulnerabilities of sur-  
18 face transportation assets of the  
19 eligible entity with a high risk of,  
20 and impacts associated with, fail-  
21 ure due to the impacts of weath-  
22 er events, natural disasters, or  
23 changing conditions, such as sea  
24 level rise, wildfires, and increased  
25 flood risk; or

1                   “(II) the eligible activity pro-  
2                   posed to be carried out by the eligible  
3                   entity is included in the applicable re-  
4                   silience improvement plan under sub-  
5                   section (e)(2).

6                   “(B) COMMUNITY RESILIENCE AND EVAC-  
7                   UATION ROUTE GRANTS.—

8                   “(i) IN GENERAL.—Using funds made  
9                   available under this subsection, the Sec-  
10                  retary shall provide community resilience  
11                  and evacuation route grants to eligible en-  
12                  tities to carry out 1 or more eligible activi-  
13                  ties under clause (ii).

14                  “(ii) ELIGIBLE ACTIVITIES.—An eligi-  
15                  ble entity may use a community resilience  
16                  and evacuation route grant under this sub-  
17                  paragraph for 1 or more projects that  
18                  strengthen and protect evacuation routes  
19                  that are essential for providing and sup-  
20                  porting evacuations caused by emergency  
21                  events, including a project that—

22                  “(I) is an eligible activity under  
23                  subparagraph (A)(ii), if that eligible  
24                  activity will improve an evacuation  
25                  route;



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1 “(bb) counterflow measures;

2 or

3 “(cc) shoulders;

4 “(IV) is for the construction of  
5 new or redundant evacuation routes,  
6 if the eligible entity notifies the Sec-  
7 retary that existing evacuation routes  
8 are not sufficient to adequately facili-  
9 tate evacuations, including the trans-  
10 portation of emergency responders  
11 and recovery resources;

12 “(V) is for the acquisition of  
13 evacuation route or traffic incident  
14 management equipment or signage; or

15 “(VI) will ensure access or serv-  
16 ice to critical destinations, including  
17 hospitals and other medical or emer-  
18 gency service facilities, major employ-  
19 ers, critical manufacturing centers,  
20 ports and intermodal facilities, utili-  
21 ties, and Federal facilities.

22 “(iii) PRIORITY.—The Secretary shall  
23 prioritize community resilience and evacu-  
24 ation route grants under this subpara-  
25 graph for eligible activities that are cost-ef-

1           fective, as determined by the Secretary,  
2           taking into account—

3                   “(I)     current     and     future  
4                   vulnerabilities to an evacuation route  
5                   due to future occurrence or recurrence  
6                   of emergency events that are likely to  
7                   occur in the geographic area in which  
8                   the evacuation route is located; and

9                   “(II) projected changes in devel-  
10                  opment patterns, demographics, and  
11                  extreme weather events based on the  
12                  best available evidence and analysis.

13               “(iv) CONSULTATION.—In providing  
14               grants for community resilience and evacu-  
15               ation routes under this subparagraph, the  
16               Secretary may consult with the Adminis-  
17               trator of the Federal Emergency Manage-  
18               ment Agency, who may provide technical  
19               assistance to the Secretary and to eligible  
20               entities.

21               “(C) AT-RISK COASTAL INFRASTRUCTURE  
22               GRANTS.—

23                   “(i) DEFINITION OF ELIGIBLE ENTI-  
24                  TY.—In this subparagraph, the term ‘eligi-  
25                  ble entity’ means any of the following:

1                   “(I) A State (including the  
2                   United States Virgin Islands, Guam,  
3                   American Samoa, and the Common-  
4                   wealth of the Northern Mariana Is-  
5                   lands) in, or bordering on, the Atlan-  
6                   tic, Pacific, or Arctic Ocean, the Gulf  
7                   of Mexico, Long Island Sound, or 1 or  
8                   more of the Great Lakes.

9                   “(II) A political subdivision of a  
10                  State described in subclause (I).

11                  “(III) A metropolitan planning  
12                  organization in a State described in  
13                  subclause (I).

14                  “(IV) A unit of local government  
15                  in a State described in subclause (I).

16                  “(V) A special purpose district or  
17                  public authority with a transportation  
18                  function, including a port authority,  
19                  in a State described in subclause (I).

20                  “(VI) An Indian tribe in a State  
21                  described in subclause (I).

22                  “(VII) A Federal land manage-  
23                  ment agency that applies jointly with  
24                  a State or group of States described  
25                  in subclause (I).

1                   “(VIII) A multi-State or multi-  
2                   jurisdictional group of entities de-  
3                   scribed in subclauses (I) through  
4                   (VII).

5                   “(ii) GRANTS.—Using funds made  
6                   available under this subsection, the Sec-  
7                   retary shall provide at-risk coastal infra-  
8                   structure grants to eligible entities to carry  
9                   out 1 or more eligible activities under  
10                  clause (iii).

11                  “(iii) ELIGIBLE ACTIVITIES.—An eli-  
12                  gible entity may use an at-risk coastal in-  
13                  frastructure grant under this subpara-  
14                  graph for strengthening, stabilizing, hard-  
15                  ening, elevating, relocating, or otherwise  
16                  enhancing the resilience of highway and  
17                  non-rail infrastructure, including bridges,  
18                  roads, pedestrian walkways, and bicycle  
19                  lanes, and associated infrastructure, such  
20                  as culverts and tide gates to protect high-  
21                  ways, that are subject to, or face increased  
22                  long-term future risks of, a weather event,  
23                  a natural disaster, or changing conditions,  
24                  including coastal flooding, coastal erosion,  
25                  wave action, storm surge, or sea level rise,



1 in order to improve transportation and  
2 public safety and to reduce costs by avoid-  
3 ing larger future maintenance or rebuild-  
4 ing costs.

5 “(iv) CRITERIA.—The Secretary shall  
6 provide at-risk coastal infrastructure  
7 grants under this subparagraph for a  
8 project—

9 “(I) that addresses the risks  
10 from a current or future weather  
11 event or natural disaster, including  
12 coastal flooding, coastal erosion, wave  
13 action, storm surge, or sea level  
14 change; and

15 “(II) that reduces long-term in-  
16 frastructure costs by avoiding larger  
17 future maintenance or rebuilding  
18 costs.

19 “(v) COASTAL BENEFITS.—In addi-  
20 tion to the criteria under clause (iv), for  
21 the purpose of providing at-risk coastal in-  
22 frastructure grants under this subpara-  
23 graph, the Secretary shall evaluate the ex-  
24 tent to which a project will provide—

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1                   “(I) access to coastal homes,  
2                   businesses, communities, and other  
3                   critical infrastructure, including ac-  
4                   cess by first responders and other  
5                   emergency personnel; or

6                   “(II) access to a designated evac-  
7                   uation route.

8                   “(5) GRANT REQUIREMENTS.—

9                   “(A) SOLICITATIONS FOR GRANTS.—In  
10                  providing grants under this subsection, the Sec-  
11                  retary shall conduct a transparent and competi-  
12                  tive national solicitation process to select eligi-  
13                  ble projects to receive grants under paragraph  
14                  (3) and subparagraphs (A), (B), and (C) of  
15                  paragraph (4).

16                  “(B) APPLICATIONS.—

17                  “(i) IN GENERAL.—To be eligible to  
18                  receive a grant under paragraph (3) or  
19                  subparagraph (A), (B), or (C) of para-  
20                  graph (4), an eligible entity shall submit to  
21                  the Secretary an application in such form,  
22                  at such time, and containing such informa-  
23                  tion as the Secretary determines to be nec-  
24                  essary.

1 “(ii) PROJECTS IN CERTAIN AREAS.—

2 If a project is proposed to be carried out  
3 by the eligible entity, in whole or in part,  
4 within a base floodplain, the eligible entity  
5 shall—

6 “(I) as part of the application,  
7 identify the floodplain in which the  
8 project is to be located and disclose  
9 that information to the Secretary; and

10 “(II) indicate in the application  
11 whether, if selected, the eligible entity  
12 will implement 1 or more components  
13 of the risk mitigation plan under sec-  
14 tion 322 of the Robert T. Stafford  
15 Disaster Relief and Emergency Assist-  
16 ance Act (42 U.S.C. 5165) with re-  
17 spect to the area.

18 “(C) ELIGIBILITIES.—The Secretary may  
19 make a grant under paragraph (3) or subpara-  
20 graph (A), (B), or (C) of paragraph (4) only  
21 for—

22 “(i) a highway project eligible for as-  
23 sistance under this title;



1 “(ii) upgrades to and installing of cul-  
2 verts designed to withstand 100-year flood  
3 events;

4 “(iii) upgrades to and installation of  
5 tide gates to protect highways; and

6 “(iv) upgrades to and installation of  
7 flood gates to protect tunnel entrances.

8 “(E) FEDERAL COST SHARE.—

9 “(i) PLANNING GRANT.—The Federal  
10 share of the cost of a planning activity car-  
11 ried out using a planning grant under  
12 paragraph (3) shall be 100 percent.

13 “(ii) RESILIENCE GRANTS.—

14 “(I) IN GENERAL.—Except as  
15 provided in subclause (II) and sub-  
16 section (e)(1), the Federal share of  
17 the cost of a project carried out using  
18 a grant under subparagraph (A), (B),  
19 or (C) of paragraph (4) shall not ex-  
20 ceed 80 percent of the total project  
21 cost.

22 “(II) TRIBAL PROJECTS.—On  
23 the determination of the Secretary,  
24 the Federal share of the cost of a  
25 project carried out using a grant

1 under subparagraph (A), (B), or (C)  
2 of paragraph (4) by an Indian tribe  
3 (as defined in section 207(m)(1)) may  
4 be up to 100 percent.

5 “(iii) NON-FEDERAL SHARE.—The eli-  
6 gible entity may use Federal funds other  
7 than Federal funds provided under this  
8 subsection to meet the non-Federal cost  
9 share requirement for a project carried out  
10 with a grant under this subsection.

11 “(F) ELIGIBLE PROJECT COSTS.—

12 “(i) RESILIENCE GRANT PROJECTS.—  
13 Eligible project costs for activities funded  
14 with a grant under subparagraph (A), (B),  
15 or (C) of paragraph (4) may include the  
16 costs of—

17 “(I) development phase activities,  
18 including planning, feasibility anal-  
19 ysis, revenue forecasting, environ-  
20 mental review, preliminary engineer-  
21 ing and design work, and other  
22 preconstruction activities; and

23 “(II) construction, reconstruc-  
24 tion, rehabilitation, and acquisition of  
25 real property (including land related

1 to the project and improvements to  
2 land), environmental mitigation, con-  
3 struction contingencies, acquisition of  
4 equipment directly related to improv-  
5 ing system performance, and oper-  
6 ational improvements.

7 “(ii) PLANNING GRANTS.—Eligible  
8 project costs for activities funded with a  
9 grant under paragraph (3) may include the  
10 costs of development phase activities, in-  
11 cluding planning, feasibility analysis, rev-  
12 enue forecasting, environmental review,  
13 preliminary engineering and design work,  
14 other preconstruction activities, and other  
15 activities consistent with carrying out the  
16 purposes of that paragraph.

17 “(G) LIMITATIONS.—

18 “(i) IN GENERAL.—An eligible entity  
19 that receives a grant under subparagraph  
20 (A), (B), or (C) of paragraph (4)—

21 “(I) may use not more than 40  
22 percent of the amount of the grant for  
23 the construction of new capacity; and

24 “(II) may use not more than 10  
25 percent of the amount of the grant for

1 activities described in subparagraph  
2 (F)(i)(I).

3 “(ii) LIMIT ON CERTAIN ACTIVITIES.—For each fiscal year, not more than  
4 25 percent of the total amount provided  
5 under this subsection may be used for  
6 projects described in subparagraph (C)(iii).

7  
8 “(H) DISTRIBUTION OF GRANTS.—

9 “(i) IN GENERAL.—Subject to the  
10 availability of funds, an eligible entity may  
11 request and the Secretary may distribute  
12 funds for a grant under this subsection on  
13 a multiyear basis, as the Secretary deter-  
14 mines to be necessary.

15 “(ii) RURAL SET-ASIDE.—Of the  
16 amounts made available to carry out this  
17 subsection for each fiscal year, the Sec-  
18 retary shall use not less than 25 percent  
19 for grants for projects located in areas  
20 that are outside an urbanized area with a  
21 population of over 200,000.

22 “(iii) TRIBAL SET-ASIDE.—Of the  
23 amounts made available to carry out this  
24 subsection for each fiscal year, the Sec-  
25 retary shall use not less than 2 percent for



1 grants to Indian tribes (as defined in sec-  
2 tion 207(m)(1)).

3 “(iv) REALLOCATION.—For any fiscal  
4 year, if the Secretary determines that the  
5 amount described in clause (ii) or (iii) will  
6 not be fully utilized for the grant described  
7 in that clause, the Secretary may reallocate  
8 the unutilized funds to provide grants to  
9 other eligible entities under this subsection.

10 “(6) CONSULTATION.—In carrying out this sub-  
11 section, the Secretary shall—

12 “(A) consult with the Assistant Secretary  
13 of the Army for Civil Works, the Administrator  
14 of the Environmental Protection Agency, the  
15 Secretary of the Interior, and the Secretary of  
16 Commerce; and

17 “(B) solicit technical support from the Ad-  
18 ministrator of the Federal Emergency Manage-  
19 ment Agency.

20 “(7) GRANT ADMINISTRATION.—The Secretary  
21 may—

22 “(A) retain not more than a total of 5 per-  
23 cent of the funds made available to carry out  
24 this subsection and to review applications for  
25 grants under this subsection; and

1           “(B) transfer portions of the funds re-  
2           tained under subparagraph (A) to the relevant  
3           Administrators to fund the award and oversight  
4           of grants provided under this subsection.

5           “(e) RESILIENCE IMPROVEMENT PLAN AND LOWER  
6           NON-FEDERAL SHARE.—

7           “(1) FEDERAL SHARE REDUCTIONS.—

8           “(A) IN GENERAL.—A State that receives  
9           funds apportioned to the State under section  
10           104(b)(8) or an eligible entity that receives a  
11           grant under subsection (d) shall have the non-  
12           Federal share of a project carried out with the  
13           funds or grant, as applicable, reduced by an  
14           amount described in subparagraph (B) if the  
15           State or eligible entity meets the applicable re-  
16           quirements under that subparagraph.

17           “(B) AMOUNT OF REDUCTIONS.—

18           “(i) RESILIENCE IMPROVEMENT  
19           PLAN.—Subject to clause (iii), the amount  
20           of the non-Federal share of the costs of a  
21           project carried out with funds apportioned  
22           to a State under section 104(b)(8) or a  
23           grant under subsection (d) shall be re-  
24           duced by 7 percentage points if—

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1                   “(I) in the case of a State or an  
2                   eligible entity that is a State or a  
3                   metropolitan planning organization,  
4                   the State or eligible entity has—

5                               “(aa) developed a resilience  
6                               improvement plan in accordance  
7                               with this subsection; and

8                               “(bb) prioritized the project  
9                               on that resilience improvement  
10                              plan; and

11                   “(II) in the case of an eligible en-  
12                   tity not described in subclause (I), the  
13                   eligible entity is located in a State or  
14                   an area served by a metropolitan  
15                   planning organization that has—

16                              “(aa) developed a resilience  
17                              improvement plan in accordance  
18                              with this subsection; and

19                              “(bb) prioritized the project  
20                              on that resilience improvement  
21                              plan.

22                              “(ii) INCORPORATION OF RESILIENCE  
23                   IMPROVEMENT PLAN IN OTHER PLAN-  
24                   NING.—Subject to clause (iii), the amount  
25                   of the non-Federal share of the cost of a

1 project carried out with funds under sub-  
2 section (c) or a grant under subsection (d)  
3 shall be reduced by 3 percentage points  
4 if—

5 “(I) in the case of a State or an  
6 eligible entity that is a State or a  
7 metropolitan planning organization,  
8 the resilience improvement plan devel-  
9 oped in accordance with this sub-  
10 section has been incorporated into the  
11 metropolitan transportation plan  
12 under section 134 or the long-range  
13 statewide transportation plan under  
14 section 135, as applicable; and

15 “(II) in the case of an eligible en-  
16 tity not described in subclause (I), the  
17 eligible entity is located in a State or  
18 an area served by a metropolitan  
19 planning organization that incor-  
20 porated a resilience improvement plan  
21 into the metropolitan transportation  
22 plan under section 134 or the long-  
23 range statewide transportation plan  
24 under section 135, as applicable.

25 “(iii) LIMITATIONS.—

1                   “(I) MAXIMUM REDUCTION.—A  
2                   State or eligible entity may not receive  
3                   a reduction under this paragraph of  
4                   more than 10 percentage points for  
5                   any single project carried out with  
6                   funds under subsection (c) or a grant  
7                   under subsection (d).

8                   “(II) NO NEGATIVE NON-FED-  
9                   ERAL SHARE.—A reduction under this  
10                  paragraph shall not reduce the non-  
11                  Federal share of the costs of a project  
12                  carried out with funds under sub-  
13                  section (c) or a grant under sub-  
14                  section (d) to an amount that is less  
15                  than zero.

16                  “(2) PLAN CONTENTS.—A resilience improve-  
17                  ment plan referred to in paragraph (1)—

18                         “(A) shall be for the immediate and long-  
19                         range planning activities and investments of the  
20                         State or metropolitan planning organization  
21                         with respect to resilience of the surface trans-  
22                         portation system within the boundaries of the  
23                         State or metropolitan planning organization, as  
24                         applicable;

1           “(B) shall demonstrate a systemic ap-  
2           proach to surface transportation system resil-  
3           ience and be consistent with and complementary  
4           of the State and local mitigation plans required  
5           under section 322 of the Robert T. Stafford  
6           Disaster Relief and Emergency Assistance Act  
7           (42 U.S.C. 5165);

8           “(C) shall include a risk-based assessment  
9           of vulnerabilities of transportation assets and  
10          systems to current and future weather events  
11          and natural disasters, such as severe storms,  
12          flooding, drought, levee and dam failures, wild-  
13          fire, rockslides, mudslides, sea level rise, ex-  
14          treme weather, including extreme temperatures,  
15          and earthquakes;

16          “(D) may—

17                  “(i) designate evacuation routes and  
18                  strategies, including multimodal facilities,  
19                  designated with consideration for individ-  
20                  uals without access to personal vehicles;

21                  “(ii) plan for response to anticipated  
22                  emergencies, including plans for the mobil-  
23                  ity of—

24                          “(I) emergency response per-  
25                          sonnel and equipment; and

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1                   “(II) access to emergency serv-  
2                   ices, including for vulnerable or dis-  
3                   advantaged populations;

4                   “(iii) describe the resilience improve-  
5                   ment policies, including strategies, land-use  
6                   and zoning changes, investments in natural  
7                   infrastructure, or performance measures  
8                   that will inform the transportation invest-  
9                   ment decisions of the State or metropolitan  
10                  planning organization with the goal of in-  
11                  creasing resilience;

12                  “(iv) include an investment plan  
13                  that—

14                         “(I) includes a list of priority  
15                         projects; and

16                         “(II) describes how funds appor-  
17                         tioned to the State under section  
18                         104(b)(8) or provided by a grant  
19                         under the program would be invested  
20                         and matched, which shall not be sub-  
21                         ject to fiscal constraint requirements;  
22                         and

23                         “(v) use science and data and indicate  
24                         the source of data and methodologies; and

25                         “(E) shall, as appropriate—

1 “(i) include a description of how the  
2 plan will improve the ability of the State or  
3 metropolitan planning organization—

4 “(I) to respond promptly to the  
5 impacts of weather events and natural  
6 disasters; and

7 “(II) to be prepared for changing  
8 conditions, such as sea level rise and  
9 increased flood risk;

10 “(ii) describe the codes, standards,  
11 and regulatory framework, if any, adopted  
12 and enforced to ensure resilience improve-  
13 ments within the impacted area of pro-  
14 posed projects included in the resilience  
15 improvement plan;

16 “(iii) consider the benefits of com-  
17 bining hard surface transportation assets,  
18 and natural infrastructure, through coordi-  
19 nated efforts by the Federal Government  
20 and the States;

21 “(iv) assess the resilience of other  
22 community assets, including buildings and  
23 housing, emergency management assets,  
24 and energy, water, and communication in-  
25 frastructure;



1 “(v) use a long-term planning period;

2 and

3 “(vi) include such other information

4 as the State or metropolitan planning or-

5 ganization considers appropriate.

6 “(3) NO NEW PLANNING REQUIREMENTS.—

7 Nothing in this section requires a metropolitan plan-

8 ning organization or a State to develop a resilience

9 improvement plan or to include a resilience improve-

10 ment plan under the metropolitan transportation

11 plan under section 134 or the long-range statewide

12 transportation plan under section 135, as applicable,

13 of the metropolitan planning organization or State.

14 “(f) MONITORING.—

15 “(1) IN GENERAL.—Not later than 18 months

16 after the date of enactment of this section, the Sec-

17 retary shall—

18 “(A) establish, for the purpose of evalu-

19 ating the effectiveness and impacts of projects

20 carried out with a grant under subsection (d)—

21 “(i) subject to paragraph (2), trans-

22 portation and any other metrics as the

23 Secretary determines to be necessary; and

1                   “(ii) procedures for monitoring and  
2                   evaluating projects based on those metrics;  
3                   and

4                   “(B) select a representative sample of  
5                   projects to evaluate based on the metrics and  
6                   procedures established under subparagraph (A).

7                   “(2) NOTICE.—Before adopting any metrics de-  
8                   scribed in paragraph (1), the Secretary shall—

9                   “(A) publish the proposed metrics in the  
10                  Federal Register; and

11                  “(B) provide to the public an opportunity  
12                  for comment on the proposed metrics.

13                  “(g) REPORTS.—

14                  “(1) REPORTS FROM ELIGIBLE ENTITIES.—Not  
15                  later than 1 year after the date on which a project  
16                  carried out with a grant under subsection (d) is  
17                  completed, the eligible entity that carried out the  
18                  project shall submit to the Secretary a report on the  
19                  results of the project and the use of the funds  
20                  awarded.

21                  “(2) REPORTS TO CONGRESS.—

22                  “(A) ANNUAL REPORTS.—The Secretary  
23                  shall submit to the Committee on Environment  
24                  and Public Works of the Senate and the Com-  
25                  mittee on Transportation and Infrastructure of

1 the House of Representatives, and publish on  
2 the website of the Department of Transpor-  
3 tation, an annual report that describes the im-  
4 plementation of the program during the pre-  
5 ceeding calendar year, including—

6 “(i) each project for which a grant  
7 was provided under subsection (d);

8 “(ii) information relating to project  
9 applications received;

10 “(iii) the manner in which the con-  
11 sultation requirements were implemented  
12 under subsection (d);

13 “(iv) recommendations to improve the  
14 administration of subsection (d), including  
15 whether assistance from additional or  
16 fewer agencies to carry out the program is  
17 appropriate;

18 “(v) the period required to disburse  
19 grant funds to eligible entities based on  
20 applicable Federal coordination require-  
21 ments; and

22 “(vi) a list of facilities that repeatedly  
23 require repair or reconstruction due to  
24 emergency events.

1           “(B) FINAL REPORT.—Not later than 5  
2           years after the date of enactment of the Infra-  
3           structure Investment and Jobs Act, the Sec-  
4           retary shall submit to Congress a report that  
5           includes the results of the reports submitted  
6           under subparagraph (A).

7           “(h) TREATMENT OF PROJECTS.—Notwithstanding  
8           any other provision of law, a project assisted under this  
9           section shall be treated as a project on a Federal-aid high-  
10          way under this chapter.”.

11          (b) CLERICAL AMENDMENT.—The analysis for chap-  
12          ter 1 of title 23, United States Code (as amended by sec-  
13          tion 1403(b)), is amended by inserting after the item re-  
14          lating to section 175 the following:

          “176. Promoting Resilient Operations for Transformative, Efficient, and Cost-  
          saving Transportation (PROTECT) program.”.

15   **SEC. 1406. HEALTHY STREETS PROGRAM.**

16          (a) DEFINITIONS.—In this section:

17           (1) COMMUNITY OF COLOR.—The term “com-  
18           munity of color” means, in a State, a census block  
19           group for which the aggregate percentage of resi-  
20           dents who identify as Black, African-American,  
21           American Indian, Alaska Native, Native Hawaiian,  
22           Asian, Pacific Islander, Hispanic, Latino, other  
23           nonwhite race, or linguistically isolated is—

24                   (A) not less than 50 percent; or

1 (B) significantly higher, as determined by  
2 the Secretary, than the State average.

3 (2) COOL PAVEMENT.—The term “cool pave-  
4 ment” means a pavement with reflective surfaces  
5 with higher albedo to decrease the surface tempera-  
6 ture of that pavement.

7 (3) ELIGIBLE ENTITY.—The term “eligible enti-  
8 ty” means—

9 (A) a State;

10 (B) a metropolitan planning organization;

11 (C) a unit of local government;

12 (D) a Tribal government; and

13 (E) a nonprofit organization working in co-  
14 ordination with an entity described in subpara-  
15 graphs (A) through (D).

16 (4) LOW-INCOME COMMUNITY.—The term “low-  
17 income community” means a census block group in  
18 which not less than 30 percent of the population  
19 lives below the poverty line (as defined in section  
20 673 of the Community Services Block Grant Act (42  
21 U.S.C. 9902)).

22 (5) POROUS PAVEMENT.—The term “porous  
23 pavement” means a paved surface with a higher  
24 than normal percentage of air voids to allow water

1 to pass through the surface and infiltrate into the  
2 subsoil.

3 (6) PROGRAM.—The term “program” means  
4 the Healthy Streets program established under sub-  
5 section (b).

6 (7) STATE.—The term “State” has the mean-  
7 ing given the term in section 101(a) of title 23,  
8 United States Code.

9 (8) TRIBAL GOVERNMENT.—The term “Tribal  
10 government” means the recognized governing body  
11 of any Indian or Alaska Native tribe, band, nation,  
12 pueblo, village, community, component band, or com-  
13 ponent reservation, individually identified (including  
14 parenthetically) in the list published most recently as  
15 of the date of enactment of this Act pursuant to sec-  
16 tion 104 of the Federally Recognized Indian Tribe  
17 List Act of 1994 (25 U.S.C. 5131).

18 (b) ESTABLISHMENT.—The Secretary shall establish  
19 a discretionary grant program, to be known as the  
20 “Healthy Streets program”, to provide grants to eligible  
21 entities—

22 (1) to deploy cool pavements and porous pave-  
23 ments; and

24 (2) to expand tree cover.

25 (c) GOALS.—The goals of the program are—

- 1 (1) to mitigate urban heat islands;
- 2 (2) to improve air quality; and
- 3 (3) to reduce—
  - 4 (A) the extent of impervious surfaces;
  - 5 (B) stormwater runoff and flood risks; and
  - 6 (C) heat impacts to infrastructure and
  - 7 road users.

8 (d) APPLICATION.—

9 (1) IN GENERAL.—To be eligible to receive a  
10 grant under the program, an eligible entity shall  
11 submit to the Secretary an application at such time,  
12 in such manner, and containing such information as  
13 the Secretary may require.

14 (2) REQUIREMENTS.—The application sub-  
15 mitted by an eligible entity under paragraph (1)  
16 shall include a description of—

17 (A) how the eligible entity would use the  
18 grant funds; and

19 (B) the contribution that the projects in-  
20 tended to be carried out with grant funds would  
21 make to improving the safety, health outcomes,  
22 natural environment, and quality of life in low-  
23 income communities and communities of color.

1 (e) USE OF FUNDS.—An eligible entity that receives  
2 a grant under the program may use the grant funds for  
3 1 or more of the following activities:

4 (1) Conducting an assessment of urban heat is-  
5 lands to identify hot spot areas of extreme heat or  
6 elevated air pollution.

7 (2) Conducting a comprehensive tree canopy as-  
8 sessment, which shall assess the current tree loca-  
9 tions and canopy, including—

10 (A) an inventory of the location, species,  
11 condition, and health of existing tree canopies  
12 and trees on public facilities; and

13 (B) an identification of—

14 (i) the locations where trees need to  
15 be replaced;

16 (ii) empty tree boxes or other loca-  
17 tions where trees could be added; and

18 (iii) flood-prone locations where trees  
19 or other natural infrastructure could miti-  
20 gate flooding.

21 (3) Conducting an equity assessment by map-  
22 ping tree canopy gaps, flood-prone locations, and  
23 urban heat island hot spots as compared to—

24 (A) pedestrian walkways and public trans-  
25 portation stop locations;



1 (B) low-income communities; and

2 (C) communities of color.

3 (4) Planning activities, including developing an  
4 investment plan based on the results of the assess-  
5 ments carried out under paragraphs (1), (2), and  
6 (3).

7 (5) Purchasing and deploying cool pavements to  
8 mitigate urban heat island hot spots.

9 (6) Purchasing and deploying porous pavement  
10 to mitigate flooding and stormwater runoff in—

11 (A) pedestrian-only areas; and

12 (B) areas of low-volume, low-speed vehic-  
13 ular use.

14 (7) Purchasing of trees, site preparation, plant-  
15 ing of trees, ongoing maintenance and monitoring of  
16 trees, and repairing of storm damage to trees, with  
17 priority given to—

18 (A) to the extent practicable, the planting  
19 of native species; and

20 (B) projects located in a neighborhood with  
21 lower tree cover or higher maximum daytime  
22 summer temperatures compared to surrounding  
23 neighborhoods.

1           (8) Assessing underground infrastructure and  
2           coordinating with local transportation and utility  
3           providers.

4           (9) Hiring staff to conduct any of the activities  
5           described in paragraphs (1) through (8).

6           (f) PRIORITY.—In awarding grants to eligible entities  
7           under the program, the Secretary shall give priority to an  
8           eligible entity—

9           (1) proposing to carry out an activity or project  
10          in a low-income community or a community of color;

11          (2) that has entered into a community benefits  
12          agreement with representatives of the community; or

13          (3) that is partnering with a qualified youth or  
14          conservation corps (as defined in section 203 of the  
15          Public Lands Corps Act of 1993 (16 U.S.C. 1722)).

16          (g) DISTRIBUTION REQUIREMENT.—Of the amounts  
17          made available to carry out the program for each fiscal  
18          year, not less than 80 percent shall be provided for  
19          projects in urbanized areas (as defined in section 101(a)  
20          of title 23, United States Code).

21          (h) FEDERAL SHARE.—

22          (1) IN GENERAL.—Except as provided under  
23          paragraph (2), the Federal share of the cost of a  
24          project carried out under the program shall be 80  
25          percent.

1           (2) WAIVER.—The Secretary may increase the  
2       Federal share requirement under paragraph (1) to  
3       100 percent for projects carried out by an eligible  
4       entity that demonstrates economic hardship, as de-  
5       termined by the Secretary.

6       (i) MAXIMUM GRANT AMOUNT.—An individual grant  
7       under this section shall not exceed \$15,000,000.

8       (j) TREATMENT OF PROJECTS.—Notwithstanding  
9       any other provision of law, a project assisted under this  
10      section shall be treated as a project on a Federal-aid high-  
11      way under chapter 1 of title 23, United States Code.

## 12                   **Subtitle E—Miscellaneous**

### 13   **SEC. 1501. ADDITIONAL DEPOSITS INTO HIGHWAY TRUST** 14                   **FUND.**

15      (a) IN GENERAL.—Section 105 of title 23, United  
16      States Code, is repealed.

17      (b) CLERICAL AMENDMENT.—The analysis for chap-  
18      ter 1 of title 23, United States Code, is amended by strik-  
19      ing the item relating to section 105.

### 20   **SEC. 1502. STOPPING THREATS ON PEDESTRIANS.**

21      (a) DEFINITION OF BOLLARD INSTALLATION  
22      PROJECT.—In this section, the term “bollard installation  
23      project” means a project to install raised concrete or metal  
24      posts on a sidewalk adjacent to a roadway that are de-  
25      signed to slow or stop a motor vehicle.

1           (b) ESTABLISHMENT.—Not later than 1 year after  
2 the date of enactment of this Act and subject to the avail-  
3 ability of appropriations, the Secretary shall establish and  
4 carry out a competitive grant pilot program to provide as-  
5 sistance to State departments of transportation and local  
6 government entities for bollard installation projects de-  
7 signed to prevent pedestrian injuries and acts of terrorism  
8 in areas used by large numbers of pedestrians.

9           (c) APPLICATION.—To be eligible to receive a grant  
10 under this section, a State department of transportation  
11 or local government entity shall submit to the Secretary  
12 an application at such time, in such form, and containing  
13 such information as the Secretary determines to be appro-  
14 priate, which shall include, at a minimum—

15           (1) a description of the proposed bollard instal-  
16 lation project to be carried out;

17           (2) a description of the pedestrian injury or ter-  
18 rorism risks with respect to the proposed installation  
19 area; and

20           (3) an analysis of how the proposed bollard in-  
21 stallation project will mitigate those risks.

22           (d) USE OF FUNDS.—A recipient of a grant under  
23 this section may only use the grant funds for a bollard  
24 installation project.

1 (e) FEDERAL SHARE.—The Federal share of the  
2 costs of a bollard installation project carried out with a  
3 grant under this section may be up to 100 percent.

4 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
5 authorized to be appropriated to the Secretary to carry  
6 out this section \$5,000,000 for each of fiscal years 2022  
7 through 2026.

8 (g) TREATMENT OF PROJECTS.—Notwithstanding  
9 any other provision of law, a project assisted under this  
10 section shall be treated as a project on a Federal-aid high-  
11 way under chapter 1 of title 23, United States Code.

12 **SEC. 1503. TRANSFER AND SALE OF TOLL CREDITS.**

13 (a) DEFINITIONS.—In this section:

14 (1) ORIGINATING STATE.—The term “origi-  
15 nating State” means a State that—

16 (A) is eligible to use a credit under section  
17 120(i) of title 23, United States Code; and

18 (B) has been selected by the Secretary  
19 under subsection (d)(2).

20 (2) PILOT PROGRAM.—The term “pilot pro-  
21 gram” means the pilot program established under  
22 subsection (b).

23 (3) RECIPIENT STATE.—The term “recipient  
24 State” means a State that receives a credit by trans-

1       fer or by sale under this section from an originating  
2       State.

3           (4) STATE.—The term “State” has the mean-  
4       ing given the term in section 101(a) of title 23,  
5       United States Code.

6           (b) ESTABLISHMENT OF PILOT PROGRAM.—The Sec-  
7       retary shall establish and implement a toll credit exchange  
8       pilot program in accordance with this section.

9           (c) PURPOSES.—The purposes of the pilot program  
10       are—

11           (1) to identify the extent of the demand to pur-  
12       chase toll credits;

13           (2) to identify the cash price of toll credits  
14       through bilateral transactions between States;

15           (3) to analyze the impact of the purchase or  
16       sale of toll credits on transportation expenditures;

17           (4) to test the feasibility of expanding the pilot  
18       program to allow all States to participate on a per-  
19       manent basis; and

20           (5) to identify any other repercussions of the  
21       toll credit exchange.

22           (d) SELECTION OF ORIGINATING STATES.—

23           (1) APPLICATION.—In order to participate in  
24       the pilot program as an originating State, a State  
25       shall submit to the Secretary an application at such

1 time, in such manner, and containing such informa-  
2 tion as the Secretary may require, including, at a  
3 minimum, such information as is required for the  
4 Secretary to verify—

5 (A) the amount of unused toll credits for  
6 which the State has submitted certification to  
7 the Secretary that are available to be sold or  
8 transferred under the pilot program, includ-  
9 ing—

10 (i) toll revenue generated and the  
11 sources of that revenue;

12 (ii) toll revenue used by public, quasi-  
13 public, and private agencies to build, im-  
14 prove, or maintain highways, bridges, or  
15 tunnels that serve the public purpose of  
16 interstate commerce; and

17 (iii) an accounting of any Federal  
18 funds used by the public, quasi-public, or  
19 private agency to build, improve, or main-  
20 tain the toll facility, to validate that the  
21 credit has been reduced by a percentage  
22 equal to the percentage of the total cost of  
23 building, improving, or maintaining the fa-  
24 cility that was derived from Federal funds;

1 (B) the documentation of maintenance of  
2 effort for toll credits earned by the originating  
3 State; and

4 (C) the accuracy of the accounting system  
5 of the State to earn and track toll credits.

6 (2) SELECTION.—Of the States that submit an  
7 application under paragraph (1), the Secretary may  
8 select not more than 10 States to be designated as  
9 an originating State.

10 (3) LIMITATION ON SALES.—At any time, the  
11 Secretary may limit the amount of unused toll cred-  
12 its that may be offered for sale under the pilot pro-  
13 gram.

14 (e) TRANSFER OR SALE OF CREDITS.—

15 (1) IN GENERAL.—In carrying out the pilot  
16 program, the Secretary shall provide that an origi-  
17 nating State may transfer or sell to a recipient State  
18 a credit not previously used by the originating State  
19 under section 120(i) of title 23, United States Code.

20 (2) WEBSITE SUPPORT.—The Secretary shall  
21 make available a publicly accessible website on which  
22 originating States shall post the amount of toll cred-  
23 its, verified under subsection (d)(1)(A), that are  
24 available for sale or transfer to a recipient State.



1           (3) BILATERAL TRANSACTIONS.—An origi-  
2           nating State and a recipient State may enter into a  
3           bilateral transaction to sell or transfer verified toll  
4           credits.

5           (4) NOTIFICATION.—Not later than 30 days  
6           after the date on which a credit is transferred or  
7           sold, the originating State and the recipient State  
8           shall jointly submit to the Secretary a written notifi-  
9           cation of the transfer or sale, including details on—

10           (A) the amount of toll credits that have  
11           been sold or transferred;

12           (B) the price paid or other value trans-  
13           ferred in exchange for the toll credits;

14           (C) the intended use by the recipient State  
15           of the toll credits, if known;

16           (D) the intended use by the originating  
17           State of the cash or other value transferred;

18           (E) an update on the toll credit balance of  
19           the originating State and the recipient State;  
20           and

21           (F) any other information about the trans-  
22           action that the Secretary may require.

23           (5) USE OF CREDITS BY TRANSFEREE OR PUR-  
24           CHASER.—A recipient State may use a credit re-  
25           ceived under paragraph (1) toward the non-Federal

1 share requirement for any funds made available to  
2 carry out title 23 or chapter 53 of title 49, United  
3 States Code, in accordance with section 120(i) of  
4 title 23, United States Code.

5 (6) USE OF PROCEEDS FROM SALE OF CRED-  
6 ITS.—An originating State shall use the proceeds  
7 from the sale of a credit under paragraph (1) for the  
8 construction costs of any project in the originating  
9 State that is eligible under title 23, United States  
10 Code.

11 (f) REPORTING REQUIREMENTS.—

12 (1) INITIAL REPORT.—Not later than 1 year  
13 after the date on which the pilot program is estab-  
14 lished, the Secretary shall submit to the Committee  
15 on Environment and Public Works of the Senate  
16 and the Committee on Transportation and Infra-  
17 structure of the House of Representatives a report  
18 on the progress of the pilot program.

19 (2) FINAL REPORT.—Not later than 3 years  
20 after the date on which the pilot program is estab-  
21 lished, the Secretary shall—

22 (A) submit to the Committee on Environ-  
23 ment and Public Works of the Senate and the  
24 Committee on Transportation and Infrastruc-

1           ture of the House of Representatives a report  
2           that—

3                   (i) determines whether a toll credit  
4                   marketplace is viable and cost-effective;

5                   (ii) describes the buying and selling  
6                   activities under the pilot program;

7                   (iii) describes the average sale price of  
8                   toll credits;

9                   (iv) determines whether the pilot pro-  
10                  gram could be expanded to more States or  
11                  all States or to non-State operators of toll  
12                  facilities;

13                  (v) provides updated information on  
14                  the toll credit balance accumulated by each  
15                  State; and

16                  (vi) describes the list of projects that  
17                  were assisted by the pilot program; and

18                  (B) make the report under subparagraph  
19                  (A) publicly available on the website of the De-  
20                  partment.

21       (g) TERMINATION.—

22               (1) IN GENERAL.—The Secretary may termi-  
23               nate the pilot program or the participation of any  
24               State in the pilot program if the Secretary deter-  
25               mines that—

1 (A) the pilot program is not serving a pub-  
2 lic benefit; or

3 (B) it is not cost effective to carry out the  
4 pilot program.

5 (2) PROCEDURES.—The termination of the pilot  
6 program or the participation of a State in the pilot  
7 program shall be carried out consistent with Federal  
8 requirements for project closeout, adjustment, and  
9 continuing responsibilities.

10 **SEC. 1504. STUDY OF IMPACTS ON ROADS FROM SELF-DRIV-**  
11 **ING VEHICLES.**

12 (a) IN GENERAL.—Not later than 60 days after the  
13 date of enactment of this Act, the Secretary shall initiate  
14 a study on the existing and future impacts of self-driving  
15 vehicles to transportation infrastructure, mobility, the en-  
16 vironment, and safety, including impacts on—

17 (1) the Interstate System (as defined in section  
18 101(a) of title 23, United States Code);

19 (2) urban roads;

20 (3) rural roads;

21 (4) corridors with heavy traffic congestion;

22 (5) transportation systems optimization; and

23 (6) any other areas or issues relevant to oper-  
24 ations of the Federal Highway Administration that  
25 the Secretary determines to be appropriate.

1 (b) CONTENTS OF STUDY.—The study under sub-  
2 section (a) shall include specific recommendations for both  
3 rural and urban communities regarding the impacts of  
4 self-driving vehicles on existing transportation system ca-  
5 pacity.

6 (c) CONSIDERATIONS.—In carrying out the study  
7 under subsection (a), the Secretary shall—

8 (1) consider the need for and recommend any  
9 policy changes to be undertaken by the Federal  
10 Highway Administration on the impacts of self-driv-  
11 ing vehicles as identified under paragraph (2); and

12 (2) for both rural and urban communities, in-  
13 clude a discussion of—

14 (A) the impacts that self-driving vehicles  
15 will have on existing transportation infrastruc-  
16 ture, such as signage and markings, traffic  
17 lights, and highway capacity and design;

18 (B) the impact on commercial and private  
19 traffic flows;

20 (C) infrastructure improvement needs that  
21 may be necessary for transportation infrastruc-  
22 ture to accommodate self-driving vehicles;

23 (D) the impact of self-driving vehicles on  
24 the environment, congestion, and vehicle miles  
25 traveled; and

1 (E) the impact of self-driving vehicles on  
2 mobility.

3 (d) COORDINATION.—In carrying out the study under  
4 subsection (a), the Secretary shall consider and incor-  
5 porate relevant current and ongoing research of the De-  
6 partment.

7 (e) CONSULTATION.—In carrying out the study under  
8 subsection (a), the Secretary shall convene and consult  
9 with a panel of national experts in both rural and urban  
10 transportation, including—

11 (1) operators and users of the Interstate Sys-  
12 tem (as defined in section 101(a) of title 23, United  
13 States Code), including private sector stakeholders;

14 (2) States and State departments of transpor-  
15 tation;

16 (3) metropolitan planning organizations;

17 (4) the motor carrier industry;

18 (5) representatives of public transportation  
19 agencies or organizations;

20 (6) highway safety and academic groups;

21 (7) nonprofit entities with experience in trans-  
22 portation policy;

23 (8) National Laboratories (as defined in section  
24 2 of the Energy Policy Act of 2005 (42 U.S.C.  
25 15801));

1 (9) environmental stakeholders; and

2 (10) self-driving vehicle producers, manufactur-  
3 ers, and technology developers.

4 (f) REPORT.—Not later than 1 year after the date  
5 on which the study under subsection (a) is initiated, the  
6 Secretary shall submit a report on the results of the study  
7 to—

8 (1) the Committee on Environment and Public  
9 Works of the Senate; and

10 (2) the Committee on Transportation and In-  
11 frastructure of the House of Representatives.

12 **SEC. 1505. DISASTER RELIEF MOBILIZATION STUDY.**

13 (a) DEFINITION OF LOCAL COMMUNITY.—In this  
14 section, the term “local community” means—

15 (1) a unit of local government;

16 (2) a political subdivision of a State or local  
17 government;

18 (3) a metropolitan planning organization (as  
19 defined in section 134(b) of title 23, United States  
20 Code);

21 (4) a rural planning organization; or

22 (5) a Tribal government.

23 (b) STUDY.—

24 (1) IN GENERAL.—The Secretary shall carry  
25 out a study to determine the utility of incorporating

1 the use of bicycles into the disaster preparedness  
2 and disaster response plans of local communities.

3 (2) REQUIREMENTS.—The study carried out  
4 under paragraph (1) shall include—

5 (A) a vulnerability assessment of the infra-  
6 structure in local communities as of the date of  
7 enactment of this Act that supports active  
8 transportation, including bicycling, walking, and  
9 personal mobility devices, with a particular  
10 focus on areas in local communities that—

11 (i) have low levels of vehicle owner-  
12 ship; and

13 (ii) lack sufficient active transpor-  
14 tation infrastructure routes to public  
15 transportation;

16 (B) an evaluation of whether disaster pre-  
17 paredness and disaster response plans should  
18 include the use of bicycles by first responders,  
19 emergency workers, and community organiza-  
20 tion representatives—

21 (i) during a mandatory or voluntary  
22 evacuation ordered by a Federal, State,  
23 Tribal, or local government entity—

24 (I) to notify residents of the need  
25 to evacuate;



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1 (II) to evacuate individuals and  
2 goods; and

3 (III) to reach individuals who are  
4 in need of first aid and medical assist-  
5 ance; and

6 (ii) after a disaster or emergency de-  
7 clared by a Federal, State, Tribal, or local  
8 government entity—

9 (I) to participate in search and  
10 rescue activities;

11 (II) to carry commodities to be  
12 used for life-saving or life-sustaining  
13 purposes, including—

14 (aa) water;

15 (bb) food;

16 (cc) first aid and other med-  
17 ical supplies; and

18 (dd) power sources and elec-  
19 tric supplies, such as cell phones,  
20 radios, lights, and batteries;

21 (III) to reach individuals who are  
22 in need of the commodities described  
23 in subclause (II); and

24 (IV) to assist with other disaster  
25 relief tasks, as appropriate; and

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1 (C) a review of training programs for first  
2 responders, emergency workers, and community  
3 organization representatives relating to—

4 (i) competent bicycle skills, including  
5 the use of cargo bicycles and electric bicy-  
6 cles, as applicable;

7 (ii) basic bicycle maintenance;

8 (iii) compliance with relevant traffic  
9 safety laws;

10 (iv) methods to use bicycles to carry  
11 out the activities described in clauses (i)  
12 and (ii) of subparagraph (2)(B); and

13 (v) exercises conducted for the pur-  
14 pose of—

15 (I) exercising the skills described  
16 in clause (i); and

17 (II) maintaining bicycles and re-  
18 lated equipment.

19 (c) REPORT.—Not later than 2 years after the date  
20 of enactment of this Act, the Secretary shall submit to  
21 the Committee on Environment and Public Works of the  
22 Senate and the Committee on Transportation and Infra-  
23 structure of the House of Representatives a report that—

24 (1) describes the results of the study carried  
25 out under subsection (b); and

1 (2) provides recommendations, if any, relating  
2 to—

3 (A) the methods by which to incorporate  
4 bicycles into disaster preparedness and disaster  
5 response plans of local communities; and

6 (B) improvements to training programs de-  
7 scribed in subsection (b)(2)(C).

8 **SEC. 1506. APPALACHIAN REGIONAL COMMISSION.**

9 (a) DEFINITIONS.—Section 14102(a)(1) of title 40,  
10 United States Code, is amended—

11 (1) in subparagraph (G)—

12 (A) by inserting “Catawba,” after  
13 “Caldwell,”; and

14 (B) by inserting “Cleveland,” after  
15 “Clay,”;

16 (2) in subparagraph (J), by striking “and  
17 Spartanburg” and inserting “Spartanburg, and  
18 Union”; and

19 (3) in subparagraph (M), by inserting “, of  
20 which the counties of Brooke, Hancock, Marshall,  
21 and Ohio shall be considered to be located in the  
22 North Central subregion” after “West Virginia”.

23 (b) FUNCTIONS.—Section 14303(a) of title 40,  
24 United States Code, is amended—

1           (1) in paragraph (9), by striking “and” at the  
2           end;

3           (2) in paragraph (10), by striking the period at  
4           the end and inserting “; and”; and

5           (3) by adding at the end the following:

6           “(11) support broadband access in the Appa-  
7           lachian region.”.

8           (c) CONGRESSIONAL NOTIFICATION.—

9           (1) IN GENERAL.—Subchapter II of chapter  
10          143 of subtitle IV of title 40, United States Code,  
11          is amended by adding at the end the following:

12        **“§ 14323. Congressional notification**

13          “(a) IN GENERAL.—In the case of a project described  
14          in subsection (b), the Appalachian Regional Commission  
15          shall provide to the Committee on Transportation and In-  
16          frastructure of the House of Representatives and the Com-  
17          mittee on Environment and Public Works of the Senate  
18          notice of the award of a grant or other financial assistance  
19          not less than 3 full business days before awarding the  
20          grant or other financial assistance.

21          “(b) PROJECTS DESCRIBED.—A project referred to  
22          in subsection (a) is a project that the Appalachian Re-  
23          gional Commission has selected to receive a grant or other  
24          financial assistance under this subtitle in an amount not  
25          less than \$50,000.”.

1           (2) CLERICAL AMENDMENT.—The analysis for  
2           subchapter II of chapter 143 of subtitle IV of title  
3           40, United States Code, is amended by adding at  
4           the end the following:

“14323. Congressional notification.”.

5           (d) HIGH-SPEED BROADBAND DEPLOYMENT INITIA-  
6           TIVE.—Section 14509 of title 40, United States Code, is  
7           amended—

8           (1) by striking subsection (a) and inserting the  
9           following:

10          “(a) IN GENERAL.—The Appalachian Regional Com-  
11          mission may provide technical assistance, make grants,  
12          enter into contracts, or otherwise provide amounts to indi-  
13          viduals or entities in the Appalachian region for projects  
14          and activities to increase affordable access to broadband  
15          networks throughout the Appalachian region.”;

16          (2) by redesignating subsections (b) through (d)  
17          as subsections (c) through (e), respectively;

18          (3) by inserting after subsection (a) the fol-  
19          lowing:

20          “(b) ELIGIBLE PROJECTS AND ACTIVITIES.—A  
21          project or activity eligible to be carried out under this sec-  
22          tion is a project or activity—

23                 “(1) to conduct research, analysis, and training  
24                 to increase broadband adoption efforts in the Appa-  
25                 lachian region; or

1           “(2) for the construction and deployment of  
2           broadband service-related infrastructure in the Ap-  
3           palachian region.”;

4           (4) in subsection (d) (as so redesignated), in  
5           the matter preceding paragraph (1), by striking  
6           “subsection (b)” and inserting “subsection (c)”; and  
7           (5) by adding at the end the following:

8           “(f) REQUEST FOR DATA.—Before making a grant  
9           for a project or activity described in subsection (b)(2), the  
10          Appalachian Regional Commission shall request from the  
11          Federal Communications Commission, the National Tele-  
12          communications and Information Administration, the Eco-  
13          nomic Development Administration, and the Department  
14          of Agriculture data on—

15                 “(1) the level and extent of broadband service  
16                 that exists in the area proposed to be served by the  
17                 broadband service-related infrastructure; and

18                 “(2) the level and extent of broadband service  
19                 that will be deployed in the area proposed to be  
20                 served by the broadband service-related infrastruc-  
21                 ture pursuant to another Federal program.

22           “(g) REQUIREMENT.—For each fiscal year, not less  
23          than 65 percent of the amounts made available to carry  
24          out this section shall be used for grants for projects and  
25          activities described in subsection (b)(2).”.

1 (e) APPALACHIAN REGIONAL ENERGY HUB INITIA-  
2 TIVE.—

3 (1) IN GENERAL.—Subchapter I of chapter 145  
4 of subtitle IV of title 40, United States Code, is  
5 amended by adding at the end the following:

6 **“§ 14511. Appalachian regional energy hub initiative**

7 “(a) IN GENERAL.—The Appalachian Regional Com-  
8 mission may provide technical assistance to, make grants  
9 to, enter into contracts with, or otherwise provide amounts  
10 to individuals or entities in the Appalachian region for  
11 projects and activities—

12 “(1) to conduct research and analysis regarding  
13 the economic impact of an ethane storage hub in the  
14 Appalachian region that supports a more-effective  
15 energy market performance due to the scale of the  
16 project, such as a project with the capacity to store  
17 and distribute more than 100,000 barrels per day of  
18 hydrocarbon feedstock with a minimum gross heat-  
19 ing value of 1,700 Btu per standard cubic foot;

20 “(2) with the potential to significantly con-  
21 tribute to the economic resilience of the area in  
22 which the project is located; and

23 “(3) that will help establish a regional energy  
24 hub in the Appalachian region for natural gas and  
25 natural gas liquids, including hydrogen produced

1 from the steam methane reforming of natural gas  
2 feedstocks.

3 “(b) LIMITATION ON AVAILABLE AMOUNTS.—Of the  
4 cost of any project or activity eligible for a grant under  
5 this section—

6 “(1) except as provided in paragraphs (2) and  
7 (3), not more than 50 percent may be provided from  
8 amounts made available to carry out this section;

9 “(2) in the case of a project or activity to be  
10 carried out in a county for which a distressed county  
11 designation is in effect under section 14526, not  
12 more than 80 percent may be provided from  
13 amounts made available to carry out this section;  
14 and

15 “(3) in the case of a project or activity to be  
16 carried out in a county for which an at-risk county  
17 designation is in effect under section 14526, not  
18 more than 70 percent may be provided from  
19 amounts made available to carry out this section.

20 “(c) SOURCES OF ASSISTANCE.—Subject to sub-  
21 section (b), a grant provided under this section may be  
22 provided from amounts made available to carry out this  
23 section, in combination with amounts made available—

24 “(1) under any other Federal program; or

25 “(2) from any other source.



1       “(d) FEDERAL SHARE.—Notwithstanding any provi-  
2 sion of law limiting the Federal share under any other  
3 Federal program, amounts made available to carry out  
4 this section may be used to increase that Federal share,  
5 as the Appalachian Regional Commission determines to be  
6 appropriate.”.

7           (2) CLERICAL AMENDMENT.—The analysis for  
8 subchapter I of chapter 145 of title 40, United  
9 States Code, is amended by adding at the end the  
10 following:

“14511. Appalachian regional energy hub initiative.”.

11       (f) AUTHORIZATION OF APPROPRIATIONS.—Section  
12 14703 of title 40, United States Code, is amended—

13           (1) in subsection (a)—

14               (A) in paragraph (4), by striking “and” at  
15 the end;

16               (B) in paragraph (5), by striking the pe-  
17 riod at the end and inserting “; and”; and

18               (C) by adding at the end the following:

19           “(6) \$200,000,000 for each of fiscal years 2022  
20 through 2026.”;

21           (2) in subsection (c), by striking “\$10,000,000  
22 may be used to carry out section 14509 for each of  
23 fiscal years 2016 through 2021” and inserting  
24 “\$20,000,000 may be used to carry out section  
25 14509 for each of fiscal years 2022 through 2026”;

1           (3) by redesignating subsections (d) and (e) as  
2           subsections (e) and (f), respectively; and

3           (4) by inserting after subsection (c) the fol-  
4           lowing:

5           “(d) APPALACHIAN REGIONAL ENERGY HUB INITIA-  
6           TIVE.—Of the amounts made available under subsection  
7           (a), \$5,000,000 shall be used to carry out section 14511  
8           for each of fiscal years 2022 through 2026.”.

9           (g) TERMINATION.—Section 14704 of title 40,  
10          United States Code, is amended by striking “2021” and  
11          inserting “2026”.

12          **SEC. 1507. DENALI COMMISSION.**

13          (a) DENALI ACCESS SYSTEM PROGRAM.—Notwith-  
14          standing subsection (j) of section 309 of the Denali Com-  
15          mission Act of 1998 (42 U.S.C. 3121 note; Public Law  
16          105–277), there is authorized to be appropriated  
17          \$20,000,000 for each of fiscal years 2022 through 2026  
18          to carry out that section.

19          (b) TRANSFERS OF FUNDS.—Section 311(c) of the  
20          Denali Commission Act of 1998 (42 U.S.C. 3121 note;  
21          Public Law 105–277) is amended—

22                 (1) in paragraph (1), by striking “and” at the  
23                 end;

24                 (2) in paragraph (2), by striking the period at  
25                 the end and inserting “; and”; and

1 (3) by adding at the end the following:

2 “(3) notwithstanding any other provision of  
3 law, shall—

4 “(A) be treated as if directly appropriated  
5 to the Commission and subject to applicable  
6 provisions of this Act; and

7 “(B) not be subject to any requirements  
8 that applied to the funds before the transfer,  
9 including a requirement in an appropriations  
10 Act or a requirement or regulation of the Fed-  
11 eral agency from which the funds are trans-  
12 ferred.”.

13 **SEC. 1508. REQUIREMENTS FOR TRANSPORTATION**  
14 **PROJECTS CARRIED OUT THROUGH PUBLIC-**  
15 **PRIVATE PARTNERSHIPS.**

16 (a) DEFINITIONS.—In this section:

17 (1) PROJECT.—The term “project” means a  
18 project (as defined in section 101 of title 23, United  
19 States Code) that—

20 (A) is carried out, in whole or in part,  
21 using Federal financial assistance; and

22 (B) has an estimated total cost of  
23 \$100,000,000 or more.

24 (2) PUBLIC-PRIVATE PARTNERSHIP.—The term  
25 “public-private partnership” means an agreement

1 between a public agency and a private entity to fi-  
2 nance, build, and maintain or operate a project.

3 (b) REQUIREMENTS FOR PROJECTS CARRIED OUT  
4 THROUGH PUBLIC-PRIVATE PARTNERSHIPS.—With re-  
5 spect to a public-private partnership, as a condition of re-  
6 ceiving Federal financial assistance for a project, the Sec-  
7 retary shall require the public partner, not later than 3  
8 years after the date of opening of the project to traffic—

9 (1) to conduct a review of the project, including  
10 a review of the compliance of the private partner  
11 with the terms of the public-private partnership  
12 agreement;

13 (2)(A) to certify to the Secretary that the pri-  
14 vate partner of the public-private partnership is  
15 meeting the terms of the public-private partnership  
16 agreement for the project; or

17 (B) to notify the Secretary that the private  
18 partner of the public-private partnership has not  
19 met 1 or more of the terms of the public-private  
20 partnership agreement for the project, including a  
21 brief description of each violation of the public-pri-  
22 vate partnership agreement; and

23 (3) to make publicly available the certification  
24 or notification, as applicable, under paragraph (2) in

1 a form that does not disclose any proprietary or con-  
2 fidential business information.

3 (c) NOTIFICATION.—If the Secretary provides Fed-  
4 eral financial assistance to a project carried out through  
5 a public-private partnership, not later than 30 days after  
6 the date on which the Federal financial assistance is first  
7 obligated, the Secretary shall submit to the Committee on  
8 Environment and Public Works of the Senate and the  
9 Committee on Transportation and Infrastructure of the  
10 House of Representatives a notification of the Federal fi-  
11 nancial assistance made available for the project.

12 (d) VALUE FOR MONEY ANALYSIS.—

13 (1) PROJECT APPROVAL AND OVERSIGHT.—Sec-  
14 tion 106(h)(3) of title 23, United States Code, is  
15 amended—

16 (A) in subparagraph (C), by striking  
17 “and” at the end;

18 (B) by redesignating subparagraph (D) as  
19 subparagraph (E); and

20 (C) by inserting after subparagraph (C)  
21 the following:

22 “(D) for a project in which the project  
23 sponsor intends to carry out the project  
24 through a public-private partnership agreement,  
25 shall include a detailed value for money analysis

1 or similar comparative analysis for the project;  
2 and”.

3 (2) SURFACE TRANSPORTATION BLOCK GRANT  
4 PROGRAM.—Paragraph (21) of section 133(b) of  
5 title 23, United States Code (as redesignated by sec-  
6 tion 1109(a)(1)(C)), is amended by inserting “, in-  
7 cluding conducting value for money analyses or simi-  
8 lar comparative analyses,” after “oversight”.

9 (3) TIFIA.—Section 602(a) of title 23, United  
10 States Code, is amended by adding at the end the  
11 following:

12 “(11) PUBLIC-PRIVATE PARTNERSHIPS.—In the  
13 case of a project to be carried out through a public-  
14 private partnership, the public partner shall have—

15 “(A) conducted a value for money analysis  
16 or similar comparative analysis; and

17 “(B) determined the appropriateness of the  
18 public-private partnership agreement.”.

19 (e) APPLICABILITY.—This section and the amend-  
20 ments made by this section shall only apply to a public-  
21 private partnership agreement entered into on or after the  
22 date of enactment of this Act.

23 **SEC. 1509. RECONNECTING COMMUNITIES PILOT PRO-**  
24 **GRAM.**

25 (a) DEFINITION OF ELIGIBLE FACILITY.—

1           (1) IN GENERAL.—In this section, the term “el-  
2           igible facility” means a highway or other transpor-  
3           tation facility that creates a barrier to community  
4           connectivity, including barriers to mobility, access,  
5           or economic development, due to high speeds, grade  
6           separations, or other design factors.

7           (2) INCLUSIONS.—In this section, the term “eli-  
8           gible facility” may include—

9                   (A) a limited access highway;

10                   (B) a viaduct; and

11                   (C) any other principal arterial facility.

12           (b) ESTABLISHMENT.—The Secretary shall establish  
13 a pilot program through which an eligible entity may apply  
14 for funding, in order to restore community connectivity—

15                   (1) to study the feasibility and impacts of re-  
16                   moving, retrofitting, or mitigating an existing eligi-  
17                   ble facility;

18                   (2) to conduct planning activities necessary to  
19                   design a project to remove, retrofit, or mitigate an  
20                   existing eligible facility; and

21                   (3) to conduct construction activities necessary  
22                   to carry out a project to remove, retrofit, or mitigate  
23                   an existing eligible facility.

24           (c) PLANNING GRANTS.—

1           (1) ELIGIBLE ENTITIES.—The Secretary may  
2           award a grant (referred to in this section as a “plan-  
3           ning grant”) to carry out planning activities de-  
4           scribed in paragraph (2) to—

5                   (A) a State;

6                   (B) a unit of local government;

7                   (C) a Tribal government;

8                   (D) a metropolitan planning organization;

9           and

10                   (E) a nonprofit organization.

11           (2) ELIGIBLE ACTIVITIES DESCRIBED.—The  
12           planning activities referred to in paragraph (1)  
13           are—

14                   (A) planning studies to evaluate the feasi-  
15                   bility of removing, retrofitting, or mitigating an  
16                   existing eligible facility to restore community  
17                   connectivity, including evaluations of—

18                           (i) current traffic patterns on the eli-  
19                           gible facility proposed for removal, retrofit,  
20                           or mitigation and the surrounding street  
21                           network;

22                           (ii) the capacity of existing transpor-  
23                           tation networks to maintain mobility  
24                           needs;



1 (iii) an analysis of alternative roadway  
2 designs or other uses for the right-of-way  
3 of the eligible facility, including an analysis  
4 of whether the available right-of-way would  
5 suffice to create an alternative roadway de-  
6 sign;

7 (iv) the effect of the removal, retrofit,  
8 or mitigation of the eligible facility on the  
9 mobility of freight and people;

10 (v) the effect of the removal, retrofit,  
11 or mitigation of the eligible facility on the  
12 safety of the traveling public;

13 (vi) the cost to remove, retrofit, or  
14 mitigate the eligible facility—

15 (I) to restore community  
16 connectivity; and

17 (II) to convert the eligible facility  
18 to a different roadway design or use,  
19 compared to any expected costs for  
20 necessary maintenance or reconstruc-  
21 tion of the eligible facility;

22 (vii) the anticipated economic impact  
23 of removing, retrofitting, or mitigating and  
24 converting the eligible facility and any eco-  
25 nomic development opportunities that

1 would be created by removing, retrofitting,  
2 or mitigating and converting the eligible  
3 facility; and

4 (viii) the environmental impacts of re-  
5 taining or reconstructing the eligible facil-  
6 ity and the anticipated effect of the pro-  
7 posed alternative use or roadway design;

8 (B) public engagement activities to provide  
9 opportunities for public input into a plan to re-  
10 move and convert an eligible facility; and

11 (C) other transportation planning activities  
12 required in advance of a project to remove, ret-  
13 rofit, or mitigate an existing eligible facility to  
14 restore community connectivity, as determined  
15 by the Secretary.

16 (3) TECHNICAL ASSISTANCE PROGRAM.—

17 (A) IN GENERAL.—The Secretary may  
18 provide technical assistance described in sub-  
19 paragraph (B) to an eligible entity.

20 (B) TECHNICAL ASSISTANCE DE-  
21 SCRIBED.—The technical assistance referred to  
22 in subparagraph (A) is technical assistance in  
23 building organizational or community capac-  
24 ity—

1 (i) to engage in transportation plan-  
2 ning; and

3 (ii) to identify innovative solutions to  
4 infrastructure challenges, including recon-  
5 necting communities that—

6 (I) are bifurcated by eligible fa-  
7 cilities; or

8 (II) lack safe, reliable, and af-  
9 fordable transportation choices.

10 (C) PRIORITIES.—In selecting recipients of  
11 technical assistance under subparagraph (A),  
12 the Secretary shall give priority to an applica-  
13 tion from a community that is economically dis-  
14 advantaged.

15 (4) SELECTION.—The Secretary shall—

16 (A) solicit applications for—

17 (i) planning grants; and

18 (ii) technical assistance under para-  
19 graph (3); and

20 (B) evaluate applications for a planning  
21 grant on the basis of the demonstration by the  
22 applicant that—

23 (i) the eligible facility is aged and is  
24 likely to need replacement or significant re-  
25 construction within the 20-year period be-

1                   ginning on the date of the submission of  
2                   the application;

3                   (ii) the eligible facility—

4                               (I) creates barriers to mobility,  
5                               access, or economic development; or

6                               (II) is not justified by current  
7                               and forecast future travel demand;  
8                               and

9                   (iii) on the basis of preliminary inves-  
10                   tigations into the feasibility of removing,  
11                   retrofitting, or mitigating the eligible facil-  
12                   ity to restore community connectivity, fur-  
13                   ther investigation is necessary and likely to  
14                   be productive.

15                   (5) AWARD AMOUNTS.—A planning grant may  
16                   not exceed \$2,000,000 per recipient.

17                   (6) FEDERAL SHARE.—The total Federal share  
18                   of the cost of a planning activity for which a plan-  
19                   ning grant is used shall not exceed 80 percent.

20                   (d) CAPITAL CONSTRUCTION GRANTS.—

21                   (1) ELIGIBLE ENTITIES.—The Secretary may  
22                   award a grant (referred to in this section as a “cap-  
23                   ital construction grant”) to the owner of an eligible  
24                   facility to carry out an eligible project described in  
25                   paragraph (3) for which all necessary feasibility

1 studies and other planning activities have been com-  
2 pleted.

3 (2) PARTNERSHIPS.—An owner of an eligible  
4 facility may, for the purposes of submitting an appli-  
5 cation for a capital construction grant, if applicable,  
6 partner with—

7 (A) a State;

8 (B) a unit of local government;

9 (C) a Tribal government;

10 (D) a metropolitan planning organization;

11 or

12 (E) a nonprofit organization.

13 (3) ELIGIBLE PROJECTS.—A project eligible to  
14 be carried out with a capital construction grant in-  
15 cludes—

16 (A) the removal, retrofit, or mitigation of  
17 an eligible facility; and

18 (B) the replacement of an eligible facility  
19 with a new facility that—

20 (i) restores community connectivity;

21 and

22 (ii) is—

23 (I) sensitive to the context of the  
24 surrounding community; and

422

1 (II) otherwise eligible for funding  
2 under title 23, United States Code.

3 (4) SELECTION.—The Secretary shall—

4 (A) solicit applications for capital construc-  
5 tion grants; and

6 (B) evaluate applications on the basis of—

7 (i) the degree to which the project will  
8 improve mobility and access through the  
9 removal of barriers;

10 (ii) the appropriateness of removing,  
11 retrofitting, or mitigating the eligible facil-  
12 ity, based on current traffic patterns and  
13 the ability of the replacement facility and  
14 the regional transportation network to ab-  
15 sorb transportation demand and provide  
16 safe mobility and access;

17 (iii) the impact of the project on  
18 freight movement;

19 (iv) the results of a cost-benefit anal-  
20 ysis of the project;

21 (v) the opportunities for inclusive eco-  
22 nomic development;

23 (vi) the degree to which the eligible  
24 facility is out of context with the current  
25 or planned land use;

1 (vii) the results of any feasibility  
2 study completed for the project; and

3 (viii) the plan of the applicant for—

4 (I) employing residents in the  
5 area impacted by the project through  
6 targeted hiring programs, in partner-  
7 ship with registered apprenticeship  
8 programs, if applicable; and

9 (II) contracting and subcon-  
10 tracting with disadvantaged business  
11 enterprises.

12 (5) MINIMUM AWARD AMOUNTS.—A capital  
13 construction grant shall be in an amount not less  
14 than \$5,000,000 per recipient.

15 (6) FEDERAL SHARE.—

16 (A) IN GENERAL.—Subject to subpara-  
17 graph (B), a capital construction grant may not  
18 exceed 50 percent of the total cost of the  
19 project for which the grant is awarded.

20 (B) MAXIMUM FEDERAL INVOLVEMENT.—  
21 Federal assistance other than a capital con-  
22 struction grant may be used to satisfy the non-  
23 Federal share of the cost of a project for which  
24 the grant is awarded, except that the total Fed-  
25 eral assistance provided for a project for which

1 the grant is awarded may not exceed 80 percent  
2 of the total cost of the project.

3 (7) COMMUNITY ADVISORY BOARD.—

4 (A) IN GENERAL.—To help achieve inclu-  
5 sive economic development benefits with respect  
6 to the project for which a grant is awarded, a  
7 grant recipient may form a community advisory  
8 board, which shall—

9 (i) facilitate community engagement  
10 with respect to the project; and

11 (ii) track progress with respect to  
12 commitments of the grant recipient to in-  
13 clusive employment, contracting, and eco-  
14 nomic development under the project.

15 (B) MEMBERSHIP.—If a grant recipient  
16 forms a community advisory board under sub-  
17 paragraph (A), the community advisory board  
18 shall be composed of representatives of—

19 (i) the community;

20 (ii) owners of businesses that serve  
21 the community;

22 (iii) labor organizations that represent  
23 workers that serve the community; and

24 (iv) State and local government.

25 (e) REPORTS.—



1           (1) USDOT REPORT ON PROGRAM.—Not later  
2 than January 1, 2026, the Secretary shall submit to  
3 the Committee on Environment and Public Works of  
4 the Senate and the Committee on Transportation  
5 and Infrastructure of the House of Representatives  
6 a report that evaluates the program under this sec-  
7 tion, including—

8           (A) information about the level of appli-  
9 cant interest in planning grants, technical as-  
10 sistance under subsection (c)(3), and capital  
11 construction grants, including the extent to  
12 which overall demand exceeded available funds;  
13 and

14           (B) for recipients of capital construction  
15 grants, the outcomes and impacts of the high-  
16 way removal project, including—

17           (i) any changes in the overall level of  
18 mobility, congestion, access, and safety in  
19 the project area; and

20           (ii) environmental impacts and eco-  
21 nomic development opportunities in the  
22 project area.

23           (2) GAO REPORT ON HIGHWAY REMOVALS.—  
24 Not later than 2 years after the date of enactment

1 of this Act, the Comptroller General of the United  
2 States shall issue a report that—

3 (A) identifies examples of projects to re-  
4 move highways using Federal highway funds;

5 (B) evaluates the effect of highway re-  
6 moval projects on the surrounding area, includ-  
7 ing impacts to the local economy, congestion ef-  
8 fects, safety outcomes, and impacts on the  
9 movement of freight and people;

10 (C) evaluates the existing Federal-aid pro-  
11 gram eligibility under title 23, United States  
12 Code, for highway removal projects;

13 (D) analyzes the costs and benefits of and  
14 barriers to removing underutilized highways  
15 that are nearing the end of their useful life  
16 compared to replacing or reconstructing the  
17 highway; and

18 (E) provides recommendations for inte-  
19 grating those assessments into transportation  
20 planning and decision-making processes.

21 (f) **TECHNICAL ASSISTANCE.**—Of the funds made  
22 available to carry out this section for planning grants, the  
23 Secretary may use not more than \$15,000,000 during the  
24 period of fiscal years 2022 through 2026 to provide tech-  
25 nical assistance under subsection (c)(3).

1 (g) TREATMENT OF PROJECTS.—Notwithstanding  
2 any other provision of law, a project assisted under this  
3 section shall be treated as a project on a Federal-aid high-  
4 way under chapter 1 of title 23, United States Code.

5 **SEC. 1510. CYBERSECURITY TOOL; CYBER COORDINATOR.**

6 (a) DEFINITIONS.—In this section:

7 (1) ADMINISTRATOR.—The term “Adminis-  
8 trator” means the Administrator of the Federal  
9 Highway Administration.

10 (2) CYBER INCIDENT.—The term “cyber inci-  
11 dent” has the meaning given the term “significant  
12 cyber incident” in Presidential Policy Directive—41  
13 (July 26, 2016, relating to cyber incident coordina-  
14 tion).

15 (3) TRANSPORTATION AUTHORITY.—The term  
16 “transportation authority” means—

17 (A) a public authority (as defined in sec-  
18 tion 101(a) of title 23, United States Code);

19 (B) an owner or operator of a highway (as  
20 defined in section 101(a) of title 23, United  
21 States Code);

22 (C) a manufacturer that manufactures a  
23 product related to transportation; and

24 (D) a division office of the Federal High-  
25 way Administration.

1 (b) CYBERSECURITY TOOL.—

2 (1) IN GENERAL.—Not later than 2 years after  
3 the date of enactment of this Act, the Administrator  
4 shall develop a tool to assist transportation authori-  
5 ties in identifying, detecting, protecting against, re-  
6 sponding to, and recovering from cyber incidents.

7 (2) REQUIREMENTS.—In developing the tool  
8 under paragraph (1), the Administrator shall—

9 (A) use the cybersecurity framework estab-  
10 lished by the National Institute of Standards  
11 and Technology and required by Executive  
12 Order 13636 of February 12, 2013 (78 Fed.  
13 Reg. 11739; relating to improving critical infra-  
14 structure cybersecurity);

15 (B) establish a structured cybersecurity as-  
16 sessment and development program;

17 (C) consult with appropriate transportation  
18 authorities, operating agencies, industry stake-  
19 holders, and cybersecurity experts; and

20 (D) provide for a period of public comment  
21 and review on the tool.

22 (c) DESIGNATION OF CYBER COORDINATOR.—

23 (1) IN GENERAL.—Not later than 2 years after  
24 the date of enactment of this Act, the Administrator  
25 shall designate an office as a “cyber coordinator”,

1       which shall be responsible for monitoring, alerting,  
2       and advising transportation authorities of cyber inci-  
3       dents.

4           (2) REQUIREMENTS.—The office designated  
5       under paragraph (1) shall—

6           (A) provide to transportation authorities a  
7       secure method of notifying a single Federal en-  
8       tity of cyber incidents;

9           (B) monitor cyber incidents that affect  
10       transportation authorities;

11          (C) alert transportation authorities to  
12       cyber incidents that affect those transportation  
13       authorities;

14          (D) investigate unaddressed cyber inci-  
15       dents that affect transportation authorities; and

16          (E) provide to transportation authorities  
17       educational resources, outreach, and awareness  
18       on fundamental principles and best practices in  
19       cybersecurity for transportation systems.

20 **SEC. 1511. REPORT ON EMERGING ALTERNATIVE FUEL VE-**  
21 **HICLES AND INFRASTRUCTURE.**

22       (a) DEFINITIONS.—In this section:

23           (1) EMERGING ALTERNATIVE FUEL VEHICLE.—  
24       The term “emerging alternative fuel vehicle” means

1 a vehicle fueled by hydrogen, natural gas, or pro-  
2 pane.

3 (2) EMERGING ALTERNATIVE FUELING INFRA-  
4 STRUCTURE.—The term “emerging alternative fuel-  
5 ing infrastructure” means infrastructure for fueling  
6 an emerging alternative fuel vehicle.

7 (b) REPORT.—Not later than 1 year after the date  
8 of enactment of this Act, to help guide future investments  
9 for emerging alternative fueling infrastructure, the Sec-  
10 retary shall submit to Congress and make publicly avail-  
11 able a report that—

12 (1) includes an evaluation of emerging alter-  
13 native fuel vehicles and projections for potential lo-  
14 cations of emerging alternative fuel vehicle owners  
15 during the 5-year period beginning on the date of  
16 submission of the report;

17 (2) identifies areas where emerging alternative  
18 fueling infrastructure will be needed to meet the cur-  
19 rent and future needs of drivers during the 5-year  
20 period beginning on the date of submission of the re-  
21 port;

22 (3) identifies specific areas, such as a lack of  
23 pipeline infrastructure, that may impede deployment  
24 and adoption of emerging alternative fuel vehicles;

1 (4) includes a map that identifies concentra-  
2 tions of emerging alternative fuel vehicles to meet  
3 the needs of current and future emerging alternative  
4 fueling infrastructure;

5 (5) estimates the future need for emerging al-  
6 ternative fueling infrastructure to support the adop-  
7 tion and use of emerging alternative fuel vehicles;  
8 and

9 (6) includes a tool to allow States to compare  
10 and evaluate different adoption and use scenarios for  
11 emerging alternative fuel vehicles, with the ability to  
12 adjust factors to account for regionally specific char-  
13 acteristics.

14 **SEC. 1512. NONHIGHWAY RECREATIONAL FUEL STUDY.**

15 (a) DEFINITIONS.—In this section:

16 (1) HIGHWAY TRUST FUND.—The term “High-  
17 way Trust Fund” means the Highway Trust Fund  
18 established by section 9503(a) of the Internal Rev-  
19 enue Code of 1986.

20 (2) NONHIGHWAY RECREATIONAL FUEL  
21 TAXES.—The term “nonhighway recreational fuel  
22 taxes” means taxes under section 4041 and 4081 of  
23 the Internal Revenue Code of 1986 with respect to  
24 fuel used in vehicles on recreational trails or back  
25 country terrain (including vehicles registered for

1 highway use when used on recreational trails, trail  
2 access roads not eligible for funding under title 23,  
3 United States Code, or back country terrain).

4 (3) RECREATIONAL TRAILS PROGRAM.—The  
5 term “recreational trails program” means the rec-  
6 reational trails program under section 206 of title  
7 23, United States Code.

8 (b) ASSESSMENT; REPORT.—

9 (1) ASSESSMENT.—Not later than 1 year after  
10 the date of enactment of this Act and not less fre-  
11 quently than once every 5 years thereafter, as deter-  
12 mined by the Secretary, the Secretary shall carry  
13 out an assessment of the best available estimate of  
14 the total amount of nonhighway recreational fuel  
15 taxes received by the Secretary of the Treasury and  
16 transferred to the Highway Trust Fund for the pe-  
17 riod covered by the assessment.

18 (2) REPORT.—After carrying out each assess-  
19 ment under paragraph (1), the Secretary shall sub-  
20 mit to the Committees on Finance and Environment  
21 and Public Works of the Senate and the Committees  
22 on Ways and Means and Transportation and Infra-  
23 structure of the House of Representatives a report  
24 that includes—



1 (A) to assist Congress in determining an  
2 appropriate funding level for the recreational  
3 trails program—

4 (i) a description of the results of the  
5 assessment; and

6 (ii) an evaluation of whether the cur-  
7 rent recreational trails program funding  
8 level reflects the amount of nonhighway  
9 recreational fuel taxes collected and trans-  
10 ferred to the Highway Trust Fund; and

11 (B) in the case of the first report sub-  
12 mitted under this paragraph, an estimate of the  
13 frequency with which the Secretary anticipates  
14 carrying out the assessment under paragraph  
15 (1), subject to the condition that such an as-  
16 sessment shall be carried out not less frequently  
17 than once every 5 years.

18 (c) CONSULTATION.—In carrying out an assessment  
19 under subsection (b)(1), the Secretary may consult with,  
20 as the Secretary determines to be appropriate—

21 (1) the heads of—

22 (A) State agencies designated by Gov-  
23 ernors pursuant to section 206(c)(1) of title 23,  
24 United States Code, to administer the rec-  
25 reational trails program; and

- 1 (B) division offices of the Department;
- 2 (2) the Secretary of the Treasury;
- 3 (3) the Administrator of the Federal Highway
- 4 Administration; and
- 5 (4) groups representing recreational activities
- 6 and interests, including hiking, biking and mountain
- 7 biking, horseback riding, water trails, snowshoeing,
- 8 cross-country skiing, snowmobiling, off-highway
- 9 motorcycling, all-terrain vehicles and other offroad
- 10 motorized vehicle activities, and recreational trail ad-
- 11 vocates.

12 **SEC. 1513. BUY AMERICA.**

13 Section 313 of title 23, United States Code, is

14 amended—

15 (1) by redesignating subsection (g) as sub-

16 section (h); and

17 (2) by inserting after subsection (f) the fol-

18 lowing:

19 “(g) WAIVERS.—

20 “(1) IN GENERAL.—Not less than 15 days be-

21 fore issuing a waiver under this section, the Sec-

22 retary shall provide to the public—

23 “(A) notice of the proposed waiver;

24 “(B) an opportunity for comment on the

25 proposed waiver; and

1           “(C) the reasons for the proposed waiver.

2           “(2) REPORT.—Not less frequently than annu-  
3 ally, the Secretary shall submit to the Committee on  
4 Environment and Public Works of the Senate and  
5 the Committee on Transportation and Infrastructure  
6 of the House of Representatives a report on the  
7 waivers provided under this section.”.

8 **SEC. 1514. HIGH PRIORITY CORRIDORS ON THE NATIONAL**  
9 **HIGHWAY SYSTEM.**

10       (a) HIGH PRIORITY CORRIDORS.—Section 1105(c) of  
11 the Intermodal Surface Transportation Efficiency Act of  
12 1991 (Public Law 102–240; 105 Stat. 2032; 133 Stat.  
13 3018) is amended by adding at the end the following:

14           “(92) United States Route 421 from the inter-  
15 change with Interstate Route 85 in Greensboro,  
16 North Carolina, to the interchange with Interstate  
17 Route 95 in Dunn, North Carolina.

18           “(93) The South Mississippi Corridor from the  
19 Louisiana and Mississippi border near Natchez, Mis-  
20 sissippi, to Gulfport, Mississippi, shall generally fol-  
21 low—

22           “(A) United States Route 84 from the  
23 Louisiana border at the Mississippi River pass-  
24 ing in the vicinity of Natchez, Brookhaven,  
25 Monticello, Prentiss, and Collins, Mississippi, to

1 the logical terminus with Interstate Route 59 in  
2 the vicinity of Laurel, Mississippi, and con-  
3 tinuing on Interstate Route 59 south to the vi-  
4 cinity of Hattiesburg, Mississippi; and

5 “(B) United States Route 49 from the vi-  
6 cinity of Hattiesburg, Mississippi, south to  
7 Interstate Route 10 in the vicinity of Gulfport,  
8 Mississippi, following Mississippi Route 601  
9 south and terminating near the Mississippi  
10 State Port at Gulfport.

11 “(94) The Kosciusko to Gulf Coast corridor  
12 commencing at the logical terminus of Interstate  
13 Route 55 near Vaiden, Mississippi, running south  
14 and passing east of the vicinity of the Jackson Ur-  
15 banized Area, connecting to United States Route 49  
16 north of Hattiesburg, Mississippi, and generally fol-  
17 lowing United States Route 49 to a logical connec-  
18 tion with Interstate Route 10 in the vicinity of Gulf-  
19 port, Mississippi.

20 “(95) The Interstate Route 22 spur from the  
21 vicinity of Tupelo, Mississippi, running south gen-  
22 erally along United States Route 45 to the vicinity  
23 of Shannon, Mississippi.

24 “(96) The route that generally follows United  
25 States Route 412 from its intersection with Inter-

1 state Route 35 in Noble County, Oklahoma, passing  
2 through Tulsa, Oklahoma, to its intersection with  
3 Interstate Route 49 in Springdale, Arkansas.

4 “(97) The Louie B. Nunn Cumberland Ex-  
5 pressway from the interchange with Interstate Route  
6 65 in Barren County, Kentucky, east to the inter-  
7 change with United States Highway 27 in Somerset,  
8 Kentucky.

9 “(98) The route that generally follows State  
10 Route 7 from Grenada, Mississippi, to Holly  
11 Springs, Mississippi, passing in the vicinity of  
12 Coffeerville, Water Valley, Oxford, and Abbeville,  
13 Mississippi, to its logical connection with Interstate  
14 Route 22 in the vicinity of Holly Springs, Mis-  
15 sissippi.”.

16 (b) DESIGNATION AS FUTURE INTERSTATES.—Sec-  
17 tion 1105(e)(5)(A) of the Intermodal Surface Transpor-  
18 tation Efficiency Act of 1991 (Public Law 102–240; 109  
19 Stat. 597; 133 Stat. 3018) is amended in the first sen-  
20 tence by striking “and subsection (c)(91)” and inserting  
21 “subsection (c)(91), subsection (c)(92), subsection  
22 (c)(93)(A), subsection (c)(94), subsection (c)(95), sub-  
23 section (c)(96), and subsection (c)(97)”.

24 (c) NUMBERING OF PARKWAY.—Section  
25 1105(e)(5)(C)(i) of the Intermodal Surface Transpor-

1 tation Efficiency Act of 1991 (Public Law 102–240; 109  
2 Stat. 598; 133 Stat. 3018) is amended by adding at the  
3 end the following: “The route referred to in subsection  
4 (c)(97) is designated as Interstate Route I–365.”.

5 (d) GAO REPORT ON DESIGNATION OF SEGMENTS  
6 AS PART OF INTERSTATE SYSTEM.—

7 (1) DEFINITION OF APPLICABLE SEGMENT.—In  
8 this subsection, the term “applicable segment”  
9 means the route described in paragraph (92) of sec-  
10 tion 1105(e) of the Intermodal Surface Transpor-  
11 tation Efficiency Act of 1991 (Public Law 102–240;  
12 105 Stat. 2032).

13 (2) REPORT.—

14 (A) IN GENERAL.—Not later than 2 years  
15 after the date on which the applicable segment  
16 is open for operations as part of the Interstate  
17 System, the Comptroller General of the United  
18 States shall submit to Congress a report on the  
19 impact, if any, during that 2-year period of al-  
20 lowing the continuation of weight limits that  
21 applied before the designation of the applicable  
22 segment as a route on the Interstate System.

23 (B) REQUIREMENTS.—The report under  
24 subparagraph (A) shall—

1 (i) be informed by the views and docu-  
2 mentation provided by the State highway  
3 agency (or equivalent agency) in the State  
4 in which the applicable segment is located;

5 (ii) describe any impacts on safety  
6 and infrastructure on the applicable seg-  
7 ment;

8 (iii) describe any view of the State  
9 highway agency (or equivalent agency) in  
10 the State in which the applicable segment  
11 is located on the impact of the applicable  
12 segment; and

13 (iv) focus only on the applicable seg-  
14 ment.

15 **SEC. 1515. INTERSTATE WEIGHT LIMITS.**

16 Section 127 of title 23, United States Code, is  
17 amended—

18 (1) in subsection (l)(3)(A)—

19 (A) in the matter preceding clause (i), in  
20 the first sentence, by striking “clauses (i)  
21 through (iv) of this subparagraph” and insert-  
22 ing “clauses (i) through (v)”; and

23 (B) by adding at the end the following:

24 “(v) The Louie B. Nunn Cumberland  
25 Expressway (to be designated as a spur of

1 Interstate Route 65) from the interchange  
2 with Interstate Route 65 in Barren Coun-  
3 ty, Kentucky, east to the interchange with  
4 United States Highway 27 in Somerset,  
5 Kentucky.”; and

6 (2) by adding at the end the following:

7 “(v) OPERATION OF VEHICLES ON CERTAIN NORTH  
8 CAROLINA HIGHWAYS.—If any segment in the State of  
9 North Carolina of United States Route 17, United States  
10 Route 29, United States Route 52, United States Route  
11 64, United States Route 70, United States Route 74,  
12 United States Route 117, United States Route 220,  
13 United States Route 264, or United States Route 421 is  
14 designated as a route on the Interstate System, a vehicle  
15 that could operate legally on that segment before the date  
16 of such designation may continue to operate on that seg-  
17 ment, without regard to any requirement under subsection  
18 (a).

19 “(w) OPERATION OF VEHICLES ON CERTAIN OKLA-  
20 HOMA HIGHWAYS.—If any segment of the highway re-  
21 ferred to in paragraph (96) of section 1105(c) of the  
22 Intermodal Surface Transportation Efficiency Act of 1991  
23 (Public Law 102–240; 105 Stat. 2032) is designated as  
24 a route on the Interstate System, a vehicle that could op-  
25 erate legally on that segment before the date of such des-



1 ignition may continue to operate on that segment, without  
2 any regard to any requirement under this section.”.

3 **SEC. 1516. REPORT ON AIR QUALITY IMPROVEMENTS.**

4 (a) IN GENERAL.—Not later than 3 years after the  
5 date of enactment of this Act, the Comptroller General  
6 of the United States shall submit a report that evaluates  
7 the congestion mitigation and air quality improvement  
8 program under section 149 of title 23, United States Code  
9 (referred to in this section as the “program”), to—

10 (1) the Committee on Environment and Public  
11 Works of the Senate; and

12 (2) the Committee on Transportation and In-  
13 frastructure of the House of Representatives.

14 (b) CONTENTS.—The evaluation under subsection (a)  
15 shall include an evaluation of—

16 (1) the reductions of ozone, carbon monoxide,  
17 and particulate matter that result from projects  
18 under the program;

19 (2) the cost-effectiveness of the reductions de-  
20 scribed in paragraph (1);

21 (3) the result of investments of funding under  
22 the program in minority and low-income commu-  
23 nities that are disproportionately affected by ozone,  
24 carbon monoxide, and particulate matter;

1 (4) the effectiveness, with respect to the attain-  
2 ment or maintenance of national ambient air quality  
3 standards under section 109 of the Clean Air Act  
4 (42 U.S.C. 7409) for ozone, carbon monoxide, and  
5 particulate matter, of performance measures estab-  
6 lished under section 150(c)(5) of title 23, United  
7 States Code, and performance targets established  
8 under subsection (d) of that section for traffic con-  
9 gestion and on-road mobile source emissions;

10 (5) the extent to which there are any types of  
11 projects that are not eligible funding under the pro-  
12 gram that would be likely to contribute to the at-  
13 tainment or maintenance of the national ambient air  
14 quality standards described in paragraph (4); and

15 (6) the extent to which projects under the pro-  
16 gram reduce sulfur dioxide, nitrogen dioxide, and  
17 lead.

18 **SEC. 1517. ROADSIDE HIGHWAY SAFETY HARDWARE.**

19 (a) IN GENERAL.—To the maximum extent prac-  
20 ticable, the Secretary shall develop a process for third  
21 party verification of full-scale crash testing results from  
22 crash test labs, including a method for formally verifying  
23 the testing outcomes and providing for an independent  
24 pass/fail determination. In establishing such a process, the  
25 Secretary shall seek to ensure the independence of crash

1 test labs by ensuring that those labs have a clear separa-  
2 tion between device development and testing in cases in  
3 which lab employees test devices that were developed with-  
4 in the parent organization of the employee.

5 (b) CONTINUED ISSUANCE OF ELIGIBILITY LET-  
6 TERS.—Until the implementation of the process described  
7 in subsection (a) is complete, the Secretary may, and is  
8 encouraged to, ensure that the Administrator of the Fed-  
9 eral Highway Administration continues to issue Federal-  
10 aid reimbursement eligibility letters for roadside safety  
11 hardware as a service to States.

12 (c) REPORT TO CONGRESS.—

13 (1) IN GENERAL.—If the Secretary seeks to dis-  
14 continue issuing the letters described in subsection  
15 (b), the Secretary shall submit to the Committee on  
16 Environment and Public Works of the Senate and  
17 the Committee on Transportation and Infrastructure  
18 of the House of Representatives a report at least 1  
19 year before discontinuing the letters.

20 (2) INCLUSIONS.—The report described in  
21 paragraph (1) shall include a summary of the third-  
22 party verification process described in subsection (a)  
23 that will replace the Federal Highway Administra-  
24 tion issuance of eligibility letters and any other rel-

1        evant information that the Secretary deems nec-  
2        essary.

3   **SEC. 1518. PERMEABLE PAVEMENTS STUDY.**

4        (a) IN GENERAL.—Not later than 1 year after the  
5        date of enactment of this Act, the Secretary shall carry  
6        out a study—

7                (1) to gather existing information on the effects  
8                of permeable pavements on flood control in different  
9                contexts, including in urban areas, and over the life-  
10              time of the permeable pavement;

11              (2) to perform research to fill gaps in the exist-  
12              ing information gathered under paragraph (1); and

13              (3) to develop—

14                      (A) models for the performance of per-  
15                      meable pavements in flood control; and

16                      (B) best practices for designing permeable  
17                      pavement to meet flood control requirements.

18        (b) DATA SURVEY.—In carrying out the study under  
19        subsection (a), the Secretary shall develop—

20              (1) a summary, based on available literature  
21              and models, of localized flood control capabilities of  
22              permeable pavement that considers long-term per-  
23              formance and cost information; and

1           (2) best practices for the design of localized  
2 flood control using permeable pavement that con-  
3 sider long-term performance and cost information.

4           (c) PUBLICATION.—The Secretary shall make a re-  
5 port describing the results of the study under subsection  
6 (a) publicly available.

7 **SEC. 1519. EMERGENCY RELIEF PROJECTS.**

8           (a) DEFINITION OF EMERGENCY RELIEF  
9 PROJECT.—In this section, the term “emergency relief  
10 project” means a project carried out under the emergency  
11 relief program under section 125 of title 23, United States  
12 Code.

13           (b) IMPROVING THE EMERGENCY RELIEF PRO-  
14 GRAM.—Not later than 90 days after the date of enact-  
15 ment of this Act, the Secretary shall—

16               (1) revise the emergency relief manual of the  
17 Federal Highway Administration—

18                       (A) to include and reflect the definition of  
19 the term “resilience” (as defined in section  
20 101(a) of title 23, United States Code);

21                       (B) to identify procedures that States may  
22 use to incorporate resilience into emergency re-  
23 lief projects; and

24                       (C) to encourage the use of Complete  
25 Streets design principles and consideration of

1 access for moderate- and low-income families  
2 impacted by a declared disaster;

3 (2) develop best practices for improving the use  
4 of resilience in—

5 (A) the emergency relief program under  
6 section 125 of title 23, United States Code; and

7 (B) emergency relief efforts;

8 (3) provide to division offices of the Federal  
9 Highway Administration and State departments of  
10 transportation information on the best practices de-  
11 veloped under paragraph (2); and

12 (4) develop and implement a process to track—

13 (A) the consideration of resilience as part  
14 of the emergency relief program under section  
15 125 of title 23, United States Code; and

16 (B) the costs of emergency relief projects.

17 **SEC. 1520. STUDY ON STORMWATER BEST MANAGEMENT**  
18 **PRACTICES.**

19 (a) STUDY.—Not later than 180 days after the date  
20 of enactment of this Act, the Secretary and the Adminis-  
21 trator of the Environment Protection Agency shall offer  
22 to enter into an agreement with the Transportation Re-  
23 search Board of the National Academy of Sciences to con-  
24 duct a study—

1           (1) to estimate pollutant loads from stormwater  
2 runoff from highways and pedestrian facilities eligi-  
3 ble for assistance under title 23, United States  
4 Code, to inform the development of appropriate total  
5 maximum daily load (as defined in section 130.2 of  
6 title 40, Code of Federal Regulations (or successor  
7 regulations)) requirements;

8           (2) to provide recommendations regarding the  
9 evaluation and selection by State departments of  
10 transportation of potential stormwater management  
11 and total maximum daily load compliance strategies  
12 within a watershed, including environmental restora-  
13 tion and pollution abatement carried out under sec-  
14 tion 328 of title 23, United States Code (including  
15 any revisions to law (including regulations) that the  
16 Transportation Research Board determines to be ap-  
17 propriate); and

18           (3) to examine the potential for the Secretary  
19 to assist State departments of transportation in car-  
20 rying out and communicating stormwater manage-  
21 ment practices for highways and pedestrian facilities  
22 that are eligible for assistance under title 23, United  
23 States Code, through information-sharing agree-  
24 ments, database assistance, or an administrative  
25 platform to provide the information described in

1 paragraphs (1) and (2) to entities issued permits  
2 under the Federal Water Pollution Control Act (33  
3 U.S.C. 1251 et seq.).

4 (b) REQUIREMENTS.—If the Transportation Re-  
5 search Board enters into an agreement under subsection  
6 (a), in conducting the study under that subsection, the  
7 Transportation Research Board shall—

8 (1) review and supplement, as appropriate, the  
9 methodologies examined and recommended in the re-  
10 port of the National Academies of Sciences, Engi-  
11 neering, and Medicine entitled “Approaches for De-  
12 termining and Complying with TMDL Requirements  
13 Related to Roadway Stormwater Runoff” and dated  
14 2019;

15 (2) consult with—

16 (A) the Secretary;

17 (B) the Administrator of the Environ-  
18 mental Protection Agency;

19 (C) the Secretary of the Army, acting  
20 through the Chief of Engineers; and

21 (D) State departments of transportation;

22 and

23 (3) solicit input from—



1 (A) stakeholders with experience in imple-  
2 menting stormwater management practices for  
3 projects; and

4 (B) educational and technical stormwater  
5 management groups.

6 (c) REPORT.—If the Transportation Research Board  
7 enters into an agreement under subsection (a), not later  
8 than 18 months after the date of enactment of this Act,  
9 the Transportation Research Board shall submit to the  
10 Secretary, the Committee on Environment and Public  
11 Works of the Senate, and the Committee on Transpor-  
12 tation and Infrastructure of the House of Representatives  
13 a report describing the results of the study.

14 **SEC. 1521. STORMWATER BEST MANAGEMENT PRACTICES**  
15 **REPORTS.**

16 (a) DEFINITIONS.—In this section:

17 (1) ADMINISTRATOR.—The term “Adminis-  
18 trator” means the Administrator of the Federal  
19 Highway Administration.

20 (2) BEST MANAGEMENT PRACTICES REPORT.—  
21 The term “best management practices report”  
22 means—

23 (A) the 2014 report sponsored by the Ad-  
24 ministrator entitled “Determining the State of  
25 the Practice in Data Collection and Perform-

1           ance Measurement of Stormwater Best Man-  
2           agement Practices”); and

3                   (B) the 1997 report sponsored by the Ad-  
4           ministrator entitled “Stormwater Best Manage-  
5           ment Practices in an Ultra-Urban Setting: Se-  
6           lection and Monitoring”.

7           (b) REISSUANCE.—Not later than 1 year after the  
8           date of enactment of this Act, the Administrator shall up-  
9           date and reissue each best management practices report  
10          to reflect new information and advancements in  
11          stormwater management.

12          (c) UPDATES.—Not less frequently than once every  
13          5 years after the date on which the Administrator reissues  
14          a best management practices report described in sub-  
15          section (b), the Administrator shall update and reissue the  
16          best management practices report until the earlier of the  
17          date on which—

18                   (1) the best management practices report is  
19                  withdrawn; or

20                   (2) the contents of the best management prac-  
21                  tices report are incorporated (including by reference)  
22                  into applicable regulations of the Administrator.

23   **SEC. 1522. INVASIVE PLANT ELIMINATION PROGRAM.**

24          (a) DEFINITIONS.—In this section:

1           (1) INVASIVE PLANT.—The term “invasive  
2           plant” means a nonnative plant, tree, grass, or weed  
3           species, including, at a minimum, cheatgrass,  
4           Ventenata dubia, medusahead, bulbous bluegrass,  
5           Japanese brome, rattail fescue, Japanese honey-  
6           suckle, phragmites, autumn olive, Bradford pear,  
7           wild parsnip, sericea lespedeza, spotted knapweed,  
8           garlic mustard, and palmer amaranth.

9           (2) PROGRAM.—The term “program” means  
10          the grant program established under subsection (b).

11          (3) TRANSPORTATION CORRIDOR.—The term  
12          “transportation corridor” means a road, highway,  
13          railroad, or other surface transportation route.

14          (b) ESTABLISHMENT.—The Secretary shall carry out  
15          a program to provide grants to States to eliminate or con-  
16          trol existing invasive plants or prevent introduction of or  
17          encroachment by new invasive plants along and in areas  
18          adjacent to transportation corridor rights-of-way.

19          (c) APPLICATION.—To be eligible to receive a grant  
20          under the program, a State shall submit to the Secretary  
21          an application at such time, in such manner, and con-  
22          taining such information as the Secretary may require.

23          (d) ELIGIBLE ACTIVITIES.—

24                 (1) IN GENERAL.—Subject to this subsection, a  
25          State that receives a grant under the program may

1 use the grant funds to carry out activities to elimi-  
2 nate or control existing invasive plants or prevent in-  
3 troduction of or encroachment by new invasive  
4 plants along and in areas adjacent to transportation  
5 corridor rights-of-way.

6 (2) **PRIORITIZATION OF PROJECTS.**—In car-  
7 rying out the program, the Secretary shall give pri-  
8 ority to projects that utilize revegetation with native  
9 plants and wildflowers, including those that are pol-  
10 linator-friendly.

11 (3) **PROHIBITION ON CERTAIN USES OF**  
12 **FUNDS.**—Amounts provided to a State under the  
13 program may not be used for costs relating to mow-  
14 ing a transportation corridor right-of-way or the ad-  
15 jacent area unless—

16 (A) mowing is identified as the best means  
17 of treatment according to best management  
18 practices; or

19 (B) mowing is used in conjunction with an-  
20 other treatment.

21 (4) **LIMITATION.**—Not more than 10 percent of  
22 the amounts provided to a State under the program  
23 may be used for the purchase of equipment.

24 (5) **ADMINISTRATIVE AND INDIRECT COSTS.**—  
25 Not more than 5 percent of the amounts provided to

1 a State under the program may be used for the ad-  
2 ministrative and other indirect costs (such as full  
3 time employee salaries, rent, insurance, subscrip-  
4 tions, utilities, and office supplies) of carrying out  
5 eligible activities.

6 (e) REQUIREMENTS.—

7 (1) COORDINATION.—In carrying out eligible  
8 activities with a grant under the program, a State  
9 shall coordinate with—

10 (A) units of local government, political  
11 subdivisions of the State, and Tribal authorities  
12 that are carrying out eligible activities in the  
13 areas to be treated;

14 (B) local regulatory authorities, in the case  
15 of a treatment along or adjacent to a railroad  
16 right-of-way; and

17 (C) with respect to the most effective road-  
18 side control methods, State and Federal land  
19 management agencies and any relevant Tribal  
20 authorities.

21 (2) ANNUAL REPORT.—Not later than 1 year  
22 after the date on which a State receives a grant  
23 under the program, and annually thereafter, that  
24 State shall provide to the Secretary an annual report

1 on the treatments carried out using funds from the  
2 grant.

3 (f) FEDERAL SHARE.—

4 (1) IN GENERAL.—The Federal share of the  
5 cost of an eligible activity carried out using funds  
6 from a grant under the program shall be—

7 (A) in the case of a project that utilizes re-  
8 vegetation with native plants and wildflowers,  
9 including those that are pollinator-friendly, 75  
10 percent; and

11 (B) in the case of any other project not de-  
12 scribed in subparagraph (A), 50 percent.

13 (2) CERTAIN FUNDS COUNTED TOWARD NON-  
14 FEDERAL SHARE.—A State may include amounts ex-  
15 pended by the State or a unit of local government  
16 in the State to address current invasive plant popu-  
17 lations and prevent future infestation along or in  
18 areas adjacent to transportation corridor rights-of-  
19 way in calculating the non-Federal share required  
20 under the program.

21 (g) FUNDING.—There is authorized to be appro-  
22 priated to carry out the program \$50,000,000 for each  
23 of fiscal years 2022 through 2026.

1 **SEC. 1523. OVER-THE-ROAD BUS TOLLING EQUITY.**

2 Section 129(a) of title 23, United States Code, is  
3 amended—

4 (1) in paragraph (3)(B)(i), by inserting “, to-  
5 gether with the results of the audit under paragraph  
6 (9)(C),” after “the audits”; and

7 (2) in paragraph (9)—

8 (A) by striking “An over-the-road” and in-  
9 serting the following:

10 “(A) IN GENERAL.—An over-the-road”;

11 (B) in subparagraph (A) (as so des-  
12 ignated), by striking “public transportation  
13 buses” and inserting “public transportation ve-  
14 hicles”; and

15 (C) by adding at the end the following:

16 “(B) REPORTS.—

17 “(i) IN GENERAL.—Not later than 90  
18 days after the date of enactment of this  
19 subparagraph, a public authority that op-  
20 erates a toll facility shall report to the Sec-  
21 retary any rates, terms, or conditions for  
22 access to the toll facility by public trans-  
23 portation vehicles that differ from the  
24 rates, terms, or conditions applicable to  
25 over-the-road buses.

1           “(ii) UPDATES.—A public authority  
2           that operates a toll facility shall report to  
3           the Secretary any change to the rates,  
4           terms, or conditions for access to the toll  
5           facility by public transportation vehicles  
6           that differ from the rates, terms, or condi-  
7           tions applicable to over-the-road buses by  
8           not later than 30 days after the date on  
9           which the change takes effect.

10           “(iii) PUBLICATION.—The Secretary  
11           shall publish information reported to the  
12           Secretary under clauses (i) and (ii) on a  
13           publicly accessible internet website.

14           “(C) ANNUAL AUDIT.—

15           “(i) IN GENERAL.—A public authority  
16           (as defined in section 101(a)) with juris-  
17           diction over a toll facility shall—

18           “(I) conduct or have an inde-  
19           pendent auditor conduct an annual  
20           audit of toll facility records to verify  
21           compliance with this paragraph; and

22           “(II) report the results of the  
23           audit, together with the results of the  
24           audit under paragraph (3)(B), to the  
25           Secretary.



1                   “(ii) RECORDS.—After providing rea-  
2                   sonable notice, a public authority described  
3                   in clause (i) shall make all records of the  
4                   public authority pertaining to the toll facil-  
5                   ity available for audit by the Secretary.

6                   “(iii) NONCOMPLIANCE.—If the Sec-  
7                   retary determines that a public authority  
8                   described in clause (i) has not complied  
9                   with this paragraph, the Secretary may re-  
10                  quire the public authority to discontinue  
11                  collecting tolls until an agreement with the  
12                  Secretary is reached to achieve compli-  
13                  ance.”.

14 **SEC. 1524. BRIDGE TERMINOLOGY.**

15                  (a) CONDITION OF NHS BRIDGES.—Section  
16 119(f)(2) of title 23, United States Code, is amended by  
17 striking “structurally deficient” each place it appears and  
18 inserting “in poor condition”.

19                  (b) NATIONAL BRIDGE AND TUNNEL INVEN-  
20 TORIES.—Section 144(b)(5) of title 23, United States  
21 Code, is amended by striking “structurally deficient  
22 bridge” and inserting “bridge classified as in poor condi-  
23 tion”.

1 (c) TRIBAL TRANSPORTATION FACILITY BRIDGES.—  
2 Section 202(d) of title 23, United States Code, is amend-  
3 ed—

4 (1) in paragraph (1), by striking “deficient  
5 bridges eligible for the tribal transportation pro-  
6 gram” and inserting “bridges eligible for the tribal  
7 transportation program classified as in poor condi-  
8 tion, having low load capacity, or needing geometric  
9 improvements”; and

10 (2) in paragraph (3)(C), by striking “struc-  
11 turally deficient or functionally obsolete” and insert-  
12 ing “classified as in poor condition, having a low  
13 load capacity, or needing geometric improvements”.

14 **SEC. 1525. TECHNICAL CORRECTIONS.**

15 (a) Section 101(b)(1) of title 23, United States Code,  
16 is amended by inserting “Highways” after “and Defense”.

17 (b) Section 104(f)(3) of title 23, United States Code,  
18 is amended—

19 (1) in the paragraph heading, by striking “FED-  
20 ERAL HIGHWAY ADMINISTRATION” and inserting  
21 “AN OPERATING ADMINISTRATION OF THE DEPART-  
22 MENT OF TRANSPORTATION”; and

23 (2) in subparagraph (A), by striking “the Fed-  
24 eral Highway Administration” and inserting “an op-

1 erating administration of the Department of Trans-  
2 portation”.

3 (c) Section 108(c)(3)(F) of title 23, United States  
4 Code, is amended—

5 (1) by inserting “of 1969 (42 U.S.C. 4321 et  
6 seq.)” after “Policy Act”; and

7 (2) by striking “this Act” and inserting “this  
8 title”.

9 (d) Section 112(b)(2) of title 23, United States Code,  
10 is amended by striking “(F) (F) Subparagraphs” and in-  
11 serting the following:

12 “(F) EXCLUSION.—Subparagraphs”.

13 (e) Section 115(c) of title 23, United States Code,  
14 is amended by striking “section 135(f)” and inserting  
15 “section 135(g)”.

16 (f) Section 135(g) of title 23, United States Code,  
17 is amended—

18 (1) in paragraph (3), by striking “operators),,”  
19 and inserting “operators),”; and

20 (2) in paragraph (6)(B), by striking “5310,  
21 5311, 5316, and 5317” and inserting “5310 and  
22 5311”.

23 (g) Section 139 of title 23, United States Code (as  
24 amended by section 1301), is amended—

1           (1) in subsection (b)(1), by inserting “(42  
2           U.S.C. 4321 et seq.)” after “of 1969”;

3           (2) in subsection (c), by inserting “(42 U.S.C.  
4           4321 et seq.)” after “of 1969” each place it ap-  
5           pears; and

6           (3) in subsection (k)(2), by inserting “(42  
7           U.S.C. 4321 et seq.)” after “of 1969”.

8           (h) Section 140(a) of title 23, United States Code,  
9           is amended, in the third sentence, by inserting a comma  
10          after “Secretary”.

11          (i) Section 148(i)(2)(D) of title 23, United States  
12          Code, is amended by striking “safety safety” and inserting  
13          “safety”.

14          (j) Section 166(a)(1) of title 23, United States Code,  
15          is amended by striking the paragraph designation and  
16          heading and all that follows through “A public authority”  
17          and inserting the following:

18                 “(1) AUTHORITY OF PUBLIC AUTHORITIES.—A  
19                 public authority”.

20          (k) Section 201(c)(6)(A)(ii) of title 23, United States  
21          Code, is amended by striking “(25 U.S.C. 450 et seq.)”  
22          and inserting “(25 U.S.C. 5301 et seq.)”.

23          (l) Section 202 of title 23, United States Code, is  
24          amended—

1 (1) by striking “(25 U.S.C. 450 et seq.)” each  
2 place it appears and inserting “(25 U.S.C. 5301 et  
3 seq.)”;

4 (2) in subsection (a)(10)(B), by striking “(25  
5 U.S.C. 450e(b))” and inserting “(25 U.S.C.  
6 5307(b))”; and

7 (3) in subsection (b)(5), in the matter pre-  
8 ceding subparagraph (A), by inserting “the” after  
9 “agreement under”.

10 (m) Section 206(d)(2)(G) of title 23, United States  
11 Code, is amended by striking “use of recreational trails”  
12 and inserting “uses of recreational trails”.

13 (n) Section 207 of title 23, United States Code, is  
14 amended—

15 (1) in subsection (g)—

16 (A) by striking “(25 U.S.C. 450j–1)” and  
17 inserting “(25 U.S.C. 5325)”; and

18 (B) by striking “(25 U.S.C. 450j–1(f))”  
19 and inserting “(25 U.S.C. 5325(f))”;

20 (2) in subsection (l)—

21 (A) in paragraph (1), by striking “(25  
22 U.S.C. 458aaa–5)” and inserting “(25 U.S.C.  
23 5386)”;

1 (B) in paragraph (2), by striking “(25  
2 U.S.C. 458aaa–6)” and inserting “(25 U.S.C.  
3 5387)”;

4 (C) in paragraph (3), by striking “(25  
5 U.S.C. 458aaa–7)” and inserting “(25 U.S.C.  
6 5388)”;

7 (D) in paragraph (4), by striking “(25  
8 U.S.C. 458aaa–9)” and inserting “(25 U.S.C.  
9 5390)”;

10 (E) in paragraph (5), by striking “(25  
11 U.S.C. 458aaa–10)” and inserting “(25 U.S.C.  
12 5391)”;

13 (F) in paragraph (6), by striking “(25  
14 U.S.C. 458aaa–11)” and inserting “(25 U.S.C.  
15 5392)”;

16 (G) in paragraph (7), by striking “(25  
17 U.S.C. 458aaa–14)” and inserting “(25 U.S.C.  
18 5395)”;

19 (H) in paragraph (8), by striking “(25  
20 U.S.C. 458aaa–15)” and inserting “(25 U.S.C.  
21 5396)”;

22 (I) in paragraph (9), by striking “(25  
23 U.S.C. 458aaa–17)” and inserting “(25 U.S.C.  
24 5398)”;

25 (3) in subsection (m)(2)—

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1 (A) by striking “505” and inserting  
2 “501”; and

3 (B) by striking “(25 U.S.C. 450b;  
4 458aaa)” and inserting “(25 U.S.C. 5304;  
5 5381)”.

6 (o) Section 217(d) of title 23, United States Code,  
7 is amended by striking “104(b)(3)” and inserting  
8 “104(b)(4)”.

9 (p) Section 323(d) of title 23, United States Code,  
10 is amended in the matter preceding paragraph (1), in the  
11 second sentence, by inserting “(42 U.S.C. 4321 et seq.)”  
12 after “of 1969”.

13 (q) Section 325 of title 23, United States Code, is  
14 repealed.

15 (r) Section 504(g)(6) of title 23, United States Code,  
16 is amended by striking “make grants or to” and inserting  
17 “make grants to”.

18 (s) The analysis for chapter 3 of title 23, United  
19 States Code, is amended by striking the item relating to  
20 section 325.

21 **SEC. 1526. WORKING GROUP ON COVERED RESOURCES.**

22 (a) DEFINITIONS.—In this section:

23 (1) COVERED RESOURCE.—The term “covered  
24 resource” means a common variety material used in

1 transportation infrastructure construction and main-  
2 tenance, including stone, sand, and gravel.

3 (2) STATE.—The term “State” means each of  
4 the several States, the District of Columbia, and  
5 each territory or possession of the United States.

6 (3) WORKING GROUP.—The term “Working  
7 Group” means the working group established under  
8 subsection (b).

9 (b) ESTABLISHMENT.—Not later than 120 days after  
10 the date of enactment of this Act, the Secretary shall es-  
11 tablish a working group to conduct a study on access to  
12 covered resources for infrastructure projects.

13 (c) MEMBERSHIP.—

14 (1) APPOINTMENT.—The Secretary shall ap-  
15 point to the Working Group individuals with knowl-  
16 edge and expertise in the production and transpor-  
17 tation of covered resources.

18 (2) REPRESENTATION.—The Working Group  
19 shall include not less than 1 representative of each  
20 of the following:

21 (A) State departments of transportation.

22 (B) State agencies associated with covered  
23 resources protection.

24 (C) State planning and geologic survey and  
25 mapping agencies.



1 (D) Commercial motor vehicle operators,  
2 including small business operators and opera-  
3 tors who transport covered resources.

4 (E) Covered resources producers.

5 (F) Construction contractors.

6 (G) Labor organizations.

7 (H) Metropolitan planning organizations  
8 and regional planning organizations.

9 (I) Indian Tribes, including Tribal elected  
10 leadership or Tribal transportation officials.

11 (J) Any other stakeholders that the Sec-  
12 retary determines appropriate.

13 (3) TERMINATION.—The Working Group shall  
14 terminate 180 days after the date on which the Sec-  
15 retary receives the report under subsection (f)(1).

16 (d) DUTIES.—In carrying out the study required  
17 under subsection (b), the Working Group shall analyze—

18 (1) the use of covered resources in transpor-  
19 tation projects funded with Federal dollars;

20 (2) how the proximity of covered resources to  
21 such projects affects the cost and environmental im-  
22 pact of those projects;

23 (3) whether and how State, Tribal, and local  
24 transportation and planning agencies consider cov-

1       ered resources when developing transportation  
2       projects; and

3           (4) any challenges for transportation project  
4       sponsors regarding access and proximity to covered  
5       resources.

6       (e) CONSULTATION.—In carrying out the study re-  
7       quired under subsection (b), the Working Group shall con-  
8       sult with, as appropriate—

9           (1) chief executive officers of States;

10          (2) State, Tribal, and local transportation and  
11       planning agencies;

12          (3) other relevant State, Tribal, and local agen-  
13       cies, including State agencies associated with cov-  
14       ered resources protection;

15          (4) members of the public with industry experi-  
16       ence with respect to covered resources;

17          (5) other Federal entities that provide funding  
18       for transportation projects; and

19          (6) any other stakeholder the Working Group  
20       determines appropriate.

21       (f) REPORTS.—

22           (1) WORKING GROUP REPORT.—Not later than  
23       2 years after the date on which the Working Group  
24       is established, the Working Group shall submit to  
25       the Secretary a report that includes—

1 (A) the findings of the study required  
2 under subsection (b), including a summary of  
3 comments received during the consultation  
4 process under subsection (e); and

5 (B) any recommendations to preserve ac-  
6 cess to and reduce the costs and environmental  
7 impacts of covered resources for infrastructure  
8 projects.

9 (2) DEPARTMENTAL REPORT.—Not later than  
10 90 days after the date on which the Secretary re-  
11 ceives the report under paragraph (1), the Secretary  
12 shall submit to the Committee on Transportation  
13 and Infrastructure of the House of Representatives  
14 and the Committee on Environment and Public  
15 Works of the Senate a summary of the findings  
16 under the report and any recommendations, as ap-  
17 propriate.

18 **SEC. 1527. BLOOD TRANSPORT VEHICLES.**

19 Section 166(b) of title 23, United States Code, is  
20 amended by adding at the end the following:

21 “(6) BLOOD TRANSPORT VEHICLES.—The pub-  
22 lic authority may allow blood transport vehicles that  
23 are transporting blood between a collection point  
24 and a hospital or storage center to use the HOV fa-

1 cility if the public authority establishes requirements  
2 for clearly identifying such vehicles.”.

3 **SEC. 1528. POLLINATOR-FRIENDLY PRACTICES ON ROAD-**  
4 **SIDES AND HIGHWAY RIGHTS-OF-WAY.**

5 (a) IN GENERAL.—Chapter 3 of title 23, United  
6 States Code (as amended by section 1309(a)), is amended  
7 by adding at the end the following:

8 **“§ 332. Pollinator-friendly practices on roadsides and**  
9 **highway rights-of-way**

10 “(a) IN GENERAL.—The Secretary shall establish a  
11 program to provide grants to eligible entities to carry out  
12 activities to benefit pollinators on roadsides and highway  
13 rights-of-way, including the planting and seeding of na-  
14 tive, locally-appropriate grasses and wildflowers, including  
15 milkweed.

16 “(b) ELIGIBLE ENTITIES.—An entity eligible to re-  
17 ceive a grant under this section is—

18 “(1) a State department of transportation;

19 “(2) an Indian tribe; or

20 “(3) a Federal land management agency.

21 “(c) APPLICATION.—To be eligible to receive a grant  
22 under this section, an eligible entity shall submit to the  
23 Secretary an application at such time, in such manner,  
24 and containing such information as the Secretary may re-

1 quire, including a pollinator-friendly practices plan de-  
2 scribed in subsection (d).

3 “(d) POLLINATOR-FRIENDLY PRACTICES PLAN.—

4 “(1) IN GENERAL.—An eligible entity shall in-  
5 clude in the application under subsection (c) a plan  
6 that describes the pollinator-friendly practices that  
7 the eligible entity has implemented or plans to im-  
8 plement, including—

9 “(A) practices relating to mowing strate-  
10 gies that promote early successional vegetation  
11 and limit disturbance during periods of highest  
12 use by target pollinator species on roadsides  
13 and highway rights-of-way, such as—

14 “(i) reducing the mowing swath out-  
15 side of the State-designated safety zone;

16 “(ii) increasing the mowing height;

17 “(iii) reducing the mowing frequency;

18 “(iv) refraining from mowing monarch  
19 and other pollinator habitat during periods  
20 in which monarchs or other pollinators are  
21 present;

22 “(v) use of a flushing bar and cutting  
23 at reduced speeds to reduce pollinator  
24 deaths due to mowing; or

1                   “(vi) reducing raking along roadsides  
2                   and highway rights-of-way;

3                   “(B) implementation of an integrated vege-  
4                   tation management plan that includes ap-  
5                   proaches such as mechanical tree and brush re-  
6                   moval, targeted and judicious use of herbicides,  
7                   and mowing, to address weed issues on road-  
8                   sides and highway rights-of-way;

9                   “(C) planting or seeding of native, locally-  
10                  appropriate grasses and wildflowers, including  
11                  milkweed, on roadsides and highway rights-of-  
12                  way to enhance pollinator habitat, including lar-  
13                  val host plants;

14                  “(D) removing nonnative grasses from  
15                  planting and seeding mixes, except for use as  
16                  nurse or cover crops;

17                  “(E) obtaining expert training or assist-  
18                  ance on pollinator-friendly practices, includ-  
19                  ing—

20                         “(i) native plant identification;

21                         “(ii) establishment and management  
22                         of locally-appropriate native plants that  
23                         benefit pollinators;

24                         “(iii) land management practices that  
25                         benefit pollinators; and

1                   “(iv) pollinator-focused integrated  
2                   vegetation management; or

3                   “(F) any other pollinator-friendly practices  
4                   the Secretary determines to be appropriate.

5                   “(2) COORDINATION.—In developing a plan  
6                   under paragraph (1), an eligible entity that is a  
7                   State department of transportation or a Federal  
8                   land management agency shall coordinate with appli-  
9                   cable State agencies, including State agencies with  
10                  jurisdiction over agriculture and fish and wildlife.

11                  “(3) CONSULTATION.—In developing a plan  
12                  under paragraph (1)—

13                         “(A) an eligible entity that is a State de-  
14                         partment of transportation or a Federal land  
15                         management agency shall consult with affected  
16                         or interested Indian tribes; and

17                         “(B) any eligible entity may consult with  
18                         nonprofit organizations, institutions of higher  
19                         education, metropolitan planning organizations,  
20                         and any other relevant entities.

21                  “(e) AWARD OF GRANTS.—

22                         “(1) IN GENERAL.—The Secretary shall provide  
23                         a grant to each eligible entity that submits an appli-  
24                         cation under subsection (c), including a plan under

1 subsection (d), that the Secretary determines to be  
2 satisfactory.

3 “(2) AMOUNT OF GRANTS.—The amount of a  
4 grant under this section—

5 “(A) shall be based on the number of polli-  
6 nator-friendly practices the eligible entity has  
7 implemented or plans to implement; and

8 “(B) shall not exceed \$150,000.

9 “(f) USE OF FUNDS.—An eligible entity that receives  
10 a grant under this section shall use the funds for the im-  
11 plementation, improvement, or further development of the  
12 plan under subsection (d).

13 “(g) FEDERAL SHARE.—The Federal share of the  
14 cost of an activity carried out with a grant under this sec-  
15 tion shall be 100 percent.

16 “(h) BEST PRACTICES.—The Secretary shall develop  
17 and make available to eligible entities best practices for,  
18 and a priority ranking of, pollinator-friendly practices on  
19 roadsides and highway rights-of-way.

20 “(i) TECHNICAL ASSISTANCE.—On request of an eli-  
21 gible entity that receives a grant under this section, the  
22 Secretary shall provide technical assistance with the imple-  
23 mentation, improvement, or further development of a plan  
24 under subsection (d).



1       “(j) ADMINISTRATIVE COSTS.—For each fiscal year,  
2 the Secretary may use not more than 2 percent of the  
3 amounts made available to carry out this section for the  
4 administrative costs of carrying out this section.

5       “(k) REPORT.—Not later than 1 year after the date  
6 on which the first grant is provided under this section,  
7 the Secretary shall submit to the Committee on Environ-  
8 ment and Public Works of the Senate and the Committee  
9 on Transportation and Infrastructure of the House of  
10 Representatives a report on the implementation of the pro-  
11 gram under this section.

12       “(l) AUTHORIZATION OF APPROPRIATIONS.—

13               “(1) IN GENERAL.—There is authorized to be  
14 appropriated to carry out this section \$2,000,000 for  
15 each of fiscal years 2022 through 2026.

16               “(2) AVAILABILITY.—Amounts made available  
17 under this section shall remain available for a period  
18 of 3 years after the last day of the fiscal year for  
19 which the funds are authorized.”.

20       (b) CLERICAL AMENDMENT.—The analysis for chap-  
21 ter 3 of title 23, United States Code (as amended by sec-  
22 tion 1309(b)), is amended by adding at the end the fol-  
23 lowing:

“332. Pollinator-friendly practices on roadsides and highway rights-of-way.”.

1 **SEC. 1529. ACTIVE TRANSPORTATION INFRASTRUCTURE IN-**  
2 **VESTMENT PROGRAM.**

3 (a) IN GENERAL.—Subject to the availability of ap-  
4 propriations, the Secretary shall carry out an active trans-  
5 portation infrastructure investment program to make  
6 grants, on a competitive basis, to eligible organizations to  
7 construct eligible projects to provide safe and connected  
8 active transportation facilities in an active transportation  
9 network or active transportation spine.

10 (b) APPLICATION.—

11 (1) IN GENERAL.—To be eligible to receive a  
12 grant under this section, an eligible organization  
13 shall submit to the Secretary an application in such  
14 manner and containing such information as the Sec-  
15 retary may require.

16 (2) ELIGIBLE PROJECTS PARTIALLY ON FED-  
17 ERAL LAND.—With respect to an application for an  
18 eligible project that is located in part on Federal  
19 land, an eligible organization shall enter into a coop-  
20 erative agreement with the appropriate Federal  
21 agency with jurisdiction over such land to submit an  
22 application described in paragraph (1).

23 (c) APPLICATION CONSIDERATIONS.—In making a  
24 grant for construction of an active transportation network  
25 or active transportation spine under this section, the Sec-  
26 retary shall consider the following:

1           (1) Whether the eligible organization submitted  
2 a plan for an eligible project for the development of  
3 walking and bicycling infrastructure that is likely to  
4 provide substantial additional opportunities for walk-  
5 ing and bicycling, including effective plans—

6           (A) to create an active transportation net-  
7 work connecting destinations within or between  
8 communities, including schools, workplaces,  
9 residences, businesses, recreation areas, and  
10 other community areas, or create an active  
11 transportation spine connecting two or more  
12 communities, metropolitan regions, or States;  
13 and

14           (B) to integrate active transportation fa-  
15 cilities with transit services, where available, to  
16 improve access to public transportation.

17           (2) Whether the eligible organization dem-  
18 onstrates broad community support through—

19           (A) the use of public input in the develop-  
20 ment of transportation plans; and

21           (B) the commitment of community leaders  
22 to the success and timely implementation of an  
23 eligible project.

24           (3) Whether the eligible organization provides  
25 evidence of commitment to traffic safety, regula-

1 tions, financial incentives, or community design poli-  
2 cies that facilitate significant increases in walking  
3 and bicycling.

4 (4) The extent to which the eligible organiza-  
5 tion demonstrates commitment of State, local, or eli-  
6 gible Federal matching funds, and land or in-kind  
7 contributions, in addition to the local match required  
8 under subsection (f)(1), unless the applicant quali-  
9 fies for an exception under subsection (f)(2).

10 (5) The extent to which the eligible organiza-  
11 tion demonstrates that the grant will address exist-  
12 ing disparities in bicyclist and pedestrian fatality  
13 rates based on race or income level or provide access  
14 to jobs and services for low-income communities and  
15 communities of color.

16 (6) Whether the eligible organization dem-  
17 onstrates how investment in active transportation  
18 will advance safety for pedestrians and cyclists, ac-  
19 cessibility to jobs and key destinations, economic  
20 competitiveness, environmental protection, and qual-  
21 ity of life.

22 (d) USE OF FUNDS.—

23 (1) IN GENERAL.—Of the amounts made avail-  
24 able to carry out this section and subject to para-  
25 graphs (2) and (3), the Secretary shall obligate—

1 (A) not less than 30 percent to eligible  
2 projects that construct active transportation  
3 networks that connect people with public trans-  
4 portation, businesses, workplaces, schools, resi-  
5 dences, recreation areas, and other community  
6 activity centers; and

7 (B) not less than 30 percent to eligible  
8 projects that construct active transportation  
9 spines.

10 (2) PLANNING AND DESIGN GRANTS.—Each fis-  
11 cal year, the Secretary shall set aside not less than  
12 \$3,000,000 of the funds made available to carry out  
13 this section to provide planning grants for eligible  
14 organizations to develop plans for active transpor-  
15 tation networks and active transportation spines.

16 (3) ADMINISTRATIVE COSTS.—Each fiscal year,  
17 the Secretary shall set aside not more than  
18 \$2,000,000 of the funds made available to carry out  
19 this section to cover the costs of administration, re-  
20 search, technical assistance, communications, and  
21 training activities under the program.

22 (4) LIMITATION ON STATUTORY CONSTRUC-  
23 TION.—Nothing in this subsection prohibits an eligi-  
24 ble organization from receiving research or other  
25 funds under title 23 or 49, United States Code.

1 (e) GRANT TIMING.—

2 (1) REQUEST FOR APPLICATION.—Not later  
3 than 30 days after funds are made available to carry  
4 out this section for a fiscal year, the Secretary shall  
5 publish in the Federal Register a request for appli-  
6 cations for grants under this section for that fiscal  
7 year.

8 (2) SELECTION OF GRANT RECIPIENTS.—Not  
9 later than 150 days after funds are made available  
10 to carry out this section for a fiscal year, the Sec-  
11 retary shall select grant recipients of grants under  
12 this section for that fiscal year.

13 (f) FEDERAL SHARE.—

14 (1) IN GENERAL.—Except as provided in para-  
15 graph (2), the Federal share of the cost of an eligi-  
16 ble project carried out using a grant under this sec-  
17 tion shall not exceed 80 percent of the total project  
18 cost.

19 (2) EXCEPTION FOR DISADVANTAGED COMMU-  
20 NITIES.—For eligible projects serving communities  
21 with a poverty rate of over 40 percent based on the  
22 majority of census tracts served by the eligible  
23 project, the Secretary may increase the Federal  
24 share of the cost of the eligible project up to 100  
25 percent of the total project cost.

1 (g) ASSISTANCE TO INDIAN TRIBES.—In carrying  
2 out this section, the Secretary may enter into grant agree-  
3 ments, self-determination contracts, and self-governance  
4 compacts under the Indian Self-Determination and Edu-  
5 cation Assistance Act (25 U.S.C. 5301 et seq.) with Indian  
6 tribes that are eligible organizations, and such agree-  
7 ments, contracts, and compacts shall be administered in  
8 accordance with that Act.

9 (h) REPORTS.—

10 (1) INTERIM REPORT.—Not later than Sep-  
11 tember 30, 2024, the Secretary shall submit to Con-  
12 gress a report containing the information described  
13 in paragraph (3).

14 (2) FINAL REPORT.—Not later than September  
15 30, 2026, the Secretary shall submit to Congress a  
16 report containing the information described in para-  
17 graph (3).

18 (3) REPORT INFORMATION.—A report sub-  
19 mitted under this subsection shall contain the fol-  
20 lowing, with respect to the period covered by the ap-  
21 plicable report:

22 (A) A list of grants made under this sec-  
23 tion.

1 (B) Best practices of eligible organizations  
2 that receive grants under this section in imple-  
3 menting eligible projects.

4 (C) Impediments experienced by eligible  
5 organizations that receive grants under this sec-  
6 tion in developing and shifting to active trans-  
7 portation.

8 (i) **RULE REQUIRED.**—Not later than 1 year after  
9 the date of enactment of this Act, the Secretary shall issue  
10 a final rule that encourages the use of the programmatic  
11 categorical exclusion, expedited procurement techniques,  
12 and other best practices to facilitate productive and timely  
13 expenditures for eligible projects that are small, low-im-  
14 pact, and constructed within an existing built environ-  
15 ment.

16 (j) **AUTHORIZATION OF APPROPRIATIONS.**—

17 (1) **IN GENERAL.**—There is authorized to be  
18 appropriated to the Secretary to carry out this sec-  
19 tion \$200,000,000 for each of fiscal years 2022  
20 through 2026.

21 (2) **AVAILABILITY.**—The amounts made avail-  
22 able to carry out this section shall remain available  
23 until expended.

24 (k) **TREATMENT OF PROJECTS.**—Notwithstanding  
25 any other provision of law, a project assisted under this



1 section shall be treated as a project on a Federal-aid high-  
2 way under chapter 1 of title 23, United States Code.

3 (l) DEFINITIONS.—In this section:

4 (1) ACTIVE TRANSPORTATION.—The term “ac-  
5 tive transportation” means mobility options powered  
6 primarily by human energy, including bicycling and  
7 walking.

8 (2) ACTIVE TRANSPORTATION NETWORK.—The  
9 term “active transportation network” means facili-  
10 ties built for active transportation, including side-  
11 walks, bikeways, and pedestrian and bicycle trails,  
12 that connect between destinations within a commu-  
13 nity or metropolitan region.

14 (3) ACTIVE TRANSPORTATION SPINE.—The  
15 term “active transportation spine” means facilities  
16 built for active transportation, including sidewalks,  
17 bikeways, and pedestrian and bicycle trails that con-  
18 nect between communities, metropolitan regions, or  
19 States.

20 (4) COMMUNITY.—The term “community”  
21 means a geographic area that is socioeconomically  
22 interdependent and may include rural, suburban,  
23 and urban jurisdictions.

24 (5) ELIGIBLE ORGANIZATION.—The term “eligi-  
25 ble organization” means—

1 (A) a local or regional governmental orga-  
2 nization, including a metropolitan planning or-  
3 ganization or regional planning organization or  
4 council;

5 (B) a multicounty special district;

6 (C) a State;

7 (D) a multistate group of governments; or

8 (E) an Indian tribe.

9 (6) ELIGIBLE PROJECT.—The term “eligible  
10 project” means an active transportation project or  
11 group of projects—

12 (A) within or between a community or  
13 group of communities, at least one of which  
14 falls within the jurisdiction of an eligible orga-  
15 nization, which has submitted an application  
16 under this section; and

17 (B) that has—

18 (i) a total cost of not less than  
19 \$15,000,000; or

20 (ii) with respect to planning and de-  
21 sign grants, planning and design costs of  
22 not less than \$100,000.

23 (7) INDIAN TRIBE.—The term “Indian tribe”  
24 has the meaning given the term in section 4 of the

1 Indian Self-Determination and Education Assistance  
2 Act (25 U.S.C. 5304).

3 (8) TOTAL PROJECT COST.—The term “total  
4 project cost” means the sum total of all costs in-  
5 curred in the development of an eligible project that  
6 are approved by the Secretary as reasonable and  
7 necessary, including—

8 (A) the cost of acquiring real property;

9 (B) the cost of site preparation, demoli-  
10 tion, and development;

11 (C) expenses related to the issuance of  
12 bonds or notes;

13 (D) fees in connection with the planning,  
14 execution, and financing of the eligible project;

15 (E) the cost of studies, surveys, plans, per-  
16 mits, insurance, interest, financing, tax, and as-  
17 sessments;

18 (F) the cost of construction, rehabilitation,  
19 reconstruction, and equipping the eligible  
20 project;

21 (G) the cost of land improvements;

22 (H) contractor fees;

23 (I) the cost of training and education re-  
24 lated to the safety of users of any bicycle or pe-

1           destrian network or spine constructed as part of  
2           an eligible project; and

3                   (J) any other cost that the Secretary de-  
4           termines is necessary and reasonable.

5 **TITLE II—TRANSPORTATION IN-**  
6 **FRASTRUCTURE           FINANCE**  
7 **AND INNOVATION**

8 **SEC. 2001. TRANSPORTATION INFRASTRUCTURE FINANCE**  
9 **AND INNOVATION ACT OF 1998 AMENDMENTS.**

10       (a) DEFINITIONS.—Section 601(a) of title 23, United  
11 States Code, is amended—

12           (1) in subparagraph (E) of paragraph (10), by  
13 striking “3 years” and inserting “5 years”; and

14           (2) in paragraph (12)—

15                   (A) by striking subparagraph (E) and in-  
16 sserting the following:

17                           “(E) a project to improve or construct  
18 public infrastructure—

19                                   “(i) that—

20   “(I) is located within walking dis-  
21 tance of, and accessible to, a fixed  
22 guideway transit facility, passenger  
23 rail station, intercity bus station, or  
24 intermodal facility, including a trans-  
25 portation, public utility, or capital

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1 project described in section  
2 5302(3)(G)(v) of title 49, and related  
3 infrastructure; or

4 “(II) is a project for economic  
5 development, including commercial  
6 and residential development, and re-  
7 lated infrastructure and activities—

8 “(aa) that incorporates pri-  
9 vate investment;

10 “(bb) that is physically or  
11 functionally related to a pas-  
12 senger rail station or multimodal  
13 station that includes rail service;

14 “(cc) for which the project  
15 sponsor has a high probability of  
16 commencing the contracting  
17 process for construction by not  
18 later than 90 days after the date  
19 on which credit assistance under  
20 the TIFIA program is provided  
21 for the project; and

22 “(dd) that has a high prob-  
23 ability of reducing the need for  
24 financial assistance under any  
25 other Federal program for the

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1 relevant passenger rail station or  
2 service by increasing ridership,  
3 tenant lease payments, or other  
4 activities that generate revenue  
5 exceeding costs; and

6 “(ii) for which, by not later than Sep-  
7 tember 30, 2026, the Secretary has—

8 “(I) received a letter of interest;  
9 and

10 “(II) determined that the project  
11 is eligible for assistance;”;

12 (B) in subparagraph (F), by striking the  
13 period at the end and inserting a semicolon;  
14 and

15 (C) by adding at the end the following:

16 “(G) an eligible airport-related project (as  
17 defined in section 40117(a) of title 49) for  
18 which, not later than September 30, 2025, the  
19 Secretary has—

20 “(i) received a letter of interest; and

21 “(ii) determined that the project is eli-  
22 gible for assistance; and

23 “(H) a project for the acquisition of plant  
24 and wildlife habitat pursuant to a conservation  
25 plan that—

1                   “(i) has been approved by the Sec-  
2                   retary of the Interior pursuant to section  
3                   10 of the Endangered Species Act of 1973  
4                   (16 U.S.C. 1539); and

5                   “(ii) in the judgment of the Secretary,  
6                   would mitigate the environmental impacts  
7                   of transportation infrastructure projects  
8                   otherwise eligible for assistance under this  
9                   title.”.

10           (b) ELIGIBILITY.—Section 602(a)(2) of title 23,  
11 United States Code, is amended—

12                   (1) in subparagraph (A)(iv)—

13                           (A) by striking “a rating” and inserting  
14                           “an investment-grade rating”; and

15                           (B) by striking “\$75,000,000” and insert-  
16                           ing “\$150,000,000”; and

17                   (2) in subparagraph (B)—

18                           (A) by striking “the senior debt” and in-  
19                           serting “senior debt”; and

20                           (B) by striking “credit instrument is for  
21                           an amount less than \$75,000,000” and insert-  
22                           ing “total amount of other senior debt and the  
23                           Federal credit instrument is less than  
24                           \$150,000,000”.

1 (c) FEDERAL REQUIREMENTS.—Section 602(c)(1) of  
2 title 23, United States Code, is amended in the matter  
3 preceding subparagraph (A) by striking “and the require-  
4 ments of section 5333(a) of title 49 for rail projects,” and  
5 inserting “the requirements of section 5333(a) of title 49  
6 for rail projects, and the requirements of sections  
7 47112(b) and 50101 of title 49 for airport-related  
8 projects,”.

9 (d) PROCESSING TIMELINES.—Section 602(d) of title  
10 23, United States Code, is amended—

11 (1) by redesignating paragraphs (1) and (2) as  
12 paragraphs (2) and (3), respectively;

13 (2) in paragraph (3) (as so redesignated), by  
14 striking “paragraph (1)” and inserting “paragraph  
15 (2)”; and

16 (3) by inserting before paragraph (2) (as so re-  
17 designated) the following:

18 “(1) PROCESSING TIMELINES.—Except in the  
19 case of an application described in subsection (a)(8)  
20 and to the maximum extent practicable, the Sec-  
21 retary shall provide an applicant with a specific esti-  
22 mate of the timeline for the approval or disapproval  
23 of the application of the applicant, which, to the  
24 maximum extent practicable, the Secretary shall en-  
25 deavor to complete by not later than 150 days after



1 the date on which the applicant submits a letter of  
2 interest to the Secretary.”.

3 (e) MATURITY DATE OF CERTAIN SECURED  
4 LOANS.—Section 603(b)(5) of title 23, United States  
5 Code, is amended—

6 (1) in subparagraph (A), in the matter pre-  
7 ceding clause (i), by striking “subparagraph (B)”  
8 and inserting “subparagraphs (B) and (C)”; and

9 (2) by adding at the end the following:

10 “(C) LONG LIVED ASSETS.—In the case of  
11 a capital asset with an estimated life of more  
12 than 50 years, the final maturity date of the se-  
13 cured loan shall be the lesser of—

14 “(i) 75 years after the date of sub-  
15 stantial completion of the project; or

16 “(ii) 75 percent of the estimated use-  
17 ful life of the capital asset.”.

18 (f) SECURED LOANS.—Section 603(c)(4)(A) of title  
19 23, United States Code, is amended—

20 (1) by striking “Any excess” and inserting the  
21 following:

22 “(i) IN GENERAL.—Except as pro-  
23 vided in clause (ii), any excess”; and

24 (2) by adding at the end the following:

1                   “(ii) CERTAIN APPLICANTS.—In the  
2                   case of a secured loan or other secured  
3                   Federal credit instrument provided after  
4                   the date of enactment of the Infrastructure  
5                   Investment and Jobs Act, if the obligor is  
6                   a governmental entity, agency, or instru-  
7                   mentality, the obligor shall not be required  
8                   to prepay the secured loan or other secured  
9                   Federal credit instrument with any excess  
10                  revenues described in clause (i) if the obli-  
11                  gor enters into an agreement to use those  
12                  excess revenues only for purposes author-  
13                  ized under this title or title 49.”.

14           (g) TECHNICAL AMENDMENT.—Section 602(e) of  
15           title 23, United States Code, is amended by striking “sec-  
16           tion 601(a)(1)(A)” and inserting “section 601(a)(2)(A)”.

17           (h) STREAMLINED APPLICATION PROCESS.—Section  
18           603(f) of title 23, United States Code, is amended by add-  
19           ing at the end the following:

20                   “(3) ADDITIONAL TERMS FOR EXPEDITED DE-  
21                   CISIONS.—

22                           “(A) IN GENERAL.—Not later than 120  
23                   days after the date of enactment of this para-  
24                   graph, the Secretary shall implement an expe-

1 dited decision timeline for public agency bor-  
2 rowers seeking secured loans that meet—

3 “(i) the terms under paragraph (2);

4 and

5 “(ii) the additional criteria described  
6 in subparagraph (B).

7 “(B) ADDITIONAL CRITERIA.—The addi-  
8 tional criteria referred to in subparagraph  
9 (A)(ii) are the following:

10 “(i) The secured loan is made on  
11 terms and conditions that substantially  
12 conform to the conventional terms and  
13 conditions established by the National Sur-  
14 face Transportation Innovative Finance  
15 Bureau.

16 “(ii) The secured loan is rated in the  
17 A category or higher.

18 “(iii) The TIFIA program share of el-  
19 igible project costs is 33 percent or less.

20 “(iv) The applicant demonstrates a  
21 reasonable expectation that the contracting  
22 process for the project can commence by  
23 not later than 90 days after the date on  
24 which a Federal credit instrument is obli-

1 gated for the project under the TIFIA pro-  
2 gram.

3 “(v) The project has received a cat-  
4 egorical exclusion, a finding of no signifi-  
5 cant impact, or a record of decision under  
6 the National Environmental Policy Act of  
7 1969 (42 U.S.C. 4321 et seq.).

8 “(C) WRITTEN NOTICE.—The Secretary  
9 shall provide to an applicant seeking a secured  
10 loan under the expedited decision process under  
11 this paragraph a written notice informing the  
12 applicant whether the Secretary has approved  
13 or disapproved the application by not later than  
14 180 days after the date on which the Secretary  
15 submits to the applicant a letter indicating that  
16 the National Surface Transportation Innovative  
17 Finance Bureau has commenced the credit-  
18 worthiness review of the project.”.

19 (i) FUNDING.—

20 (1) IN GENERAL.—Section 608(a) of title 23,  
21 United States Code, is amended—

22 (A) by redesignating paragraphs (4) and  
23 (5) as paragraphs (5) and (6), respectively;

24 (B) by inserting after paragraph (3) the  
25 following:

1 “(4) LIMITATION FOR CERTAIN PROJECTS.—

2 “(A) TRANSIT-ORIENTED DEVELOPMENT  
3 PROJECTS.—For each fiscal year, the Secretary  
4 may use to carry out projects described in sec-  
5 tion 601(a)(12)(E) not more than 15 percent of  
6 the amounts made available to carry out the  
7 TIFIA program for that fiscal year.

8 “(B) AIRPORT-RELATED PROJECTS.—The  
9 Secretary may use to carry out projects de-  
10 scribed in section 601(a)(12)(G)—

11 “(i) for each fiscal year, not more  
12 than 15 percent of the amounts made  
13 available to carry out the TIFIA program  
14 under the Infrastructure Investment and  
15 Jobs Act for that fiscal year; and

16 “(ii) for the period of fiscal years  
17 2022 through 2026, not more than 15 per-  
18 cent of the unobligated carryover balances  
19 (as of October 1, 2021).”; and

20 (C) by striking paragraph (6) (as so reded-  
21 igned) and inserting the following:

22 “(6) ADMINISTRATIVE COSTS.—Of the amounts  
23 made available to carry out the TIFIA program, the  
24 Secretary may use not more than \$10,000,000 for

1 each of fiscal years 2022 through 2026 for the ad-  
2 ministration of the TIFLA program.”.

3 (2) CONFORMING AMENDMENT.—Section  
4 605(f)(1) of title 23, United States Code, is amend-  
5 ed by striking “section 608(a)(5)” and inserting  
6 “section 608(a)(6)”.

7 (j) STATUS REPORTS.—Section 609 of title 23,  
8 United States Code, is amended by adding at the end the  
9 following:

10 “(c) STATUS REPORTS.—

11 “(1) IN GENERAL.—The Secretary shall publish  
12 on the website for the TIFLA program—

13 “(A) on a monthly basis, a current status  
14 report on all submitted letters of interest and  
15 applications received for assistance under the  
16 TIFLA program; and

17 “(B) on a quarterly basis, a current status  
18 report on all approved applications for assist-  
19 ance under the TIFLA program.

20 “(2) INCLUSIONS.—Each monthly and quar-  
21 terly status report under paragraph (1) shall in-  
22 clude, at a minimum, with respect to each project in-  
23 cluded in the status report—

24 “(A) the name of the party submitting the  
25 letter of interest or application;

1 “(B) the name of the project;

2 “(C) the date on which the letter of inter-  
3 est or application was received;

4 “(D) the estimated project eligible costs;

5 “(E) the type of credit assistance sought;

6 and

7 “(F) the anticipated fiscal year and quar-  
8 ter for closing of the credit assistance.”.

9 (k) STATE INFRASTRUCTURE BANK PROGRAM.—Sec-  
10 tion 610 of title 23, United States Code, is amended—

11 (1) in subsection (d)—

12 (A) in paragraph (1)(A), by striking “fis-  
13 cal years 2016 through 2020” and inserting  
14 “fiscal years 2022 through 2026”;

15 (B) in paragraph (2), by striking “fiscal  
16 years 2016 through 2020” and inserting “fiscal  
17 years 2022 through 2026”; and

18 (C) in paragraph (3), by striking “fiscal  
19 years 2016 through 2020” and inserting “fiscal  
20 years 2022 through 2026”; and

21 (2) in subsection (k), by striking “fiscal years  
22 2016 through 2020” and inserting “fiscal years  
23 2022 through 2026”.

24 (l) REPORT.—Not later than September 30, 2025,  
25 the Secretary shall submit to the Committee on Environ-

1 ment and Public Works of the Senate and the Committee  
2 on Transportation and Infrastructure of the House of  
3 Representatives a report on the impact of the amendment  
4 relating to airport-related projects under subsection  
5 (a)(2)(C) and subsection (i)(1)(B), including—

6 (1) information on the use of TIFIA program  
7 (as defined in section 601(a) of title 23, United  
8 States Code) funds for eligible airport-related  
9 projects (as defined in section 40117(a) of title 49,  
10 United States Code); and

11 (2) recommendations for modifications to the  
12 TIFIA program.

### 13 **TITLE III—RESEARCH,** 14 **TECHNOLOGY, AND EDUCATION**

#### 15 **SEC. 3001. STRATEGIC INNOVATION FOR REVENUE COL-** 16 **LECTION.**

17 (a) IN GENERAL.—The Secretary shall establish a  
18 program to test the feasibility of a road usage fee and  
19 other user-based alternative revenue mechanisms (referred  
20 to in this section as “user-based alternative revenue mech-  
21 anisms”) to help maintain the long-term solvency of the  
22 Highway Trust Fund, through pilot projects at the State,  
23 local, and regional level.

24 (b) GRANTS.—



1           (1) IN GENERAL.—The Secretary shall provide  
2 grants to eligible entities to carry out pilot projects  
3 under this section.

4           (2) APPLICATIONS.—To be eligible for a grant  
5 under this section, an eligible entity shall submit to  
6 the Secretary an application at such time, in such  
7 manner, and containing such information as the Sec-  
8 retary may require.

9           (3) OBJECTIVES.—The Secretary shall ensure  
10 that, in the aggregate, the pilot projects carried out  
11 using funds provided under this section meet the fol-  
12 lowing objectives:

13                   (A) To test the design, acceptance, equity,  
14 and implementation of user-based alternative  
15 revenue mechanisms, including among—

16                           (i) differing income groups; and

17                           (ii) rural and urban drivers, as appli-  
18 cable.

19                   (B) To provide recommendations regarding  
20 adoption and implementation of user-based al-  
21 ternative revenue mechanisms.

22                   (C) To quantify and minimize the adminis-  
23 trative costs of any potential user-based alter-  
24 native revenue mechanisms.

1 (D) To test a variety of solutions, includ-  
2 ing the use of independent and private third-  
3 party vendors, for the collection of data and  
4 fees from user-based alternative revenue mecha-  
5 nisms, including the reliability and security of  
6 those solutions and vendors.

7 (E) To test solutions to ensure the privacy  
8 and security of data collected for the purpose of  
9 implementing a user-based alternative revenue  
10 mechanism.

11 (F) To conduct public education and out-  
12 reach to increase public awareness regarding  
13 the need for user-based alternative revenue  
14 mechanisms for surface transportation pro-  
15 grams.

16 (G) To evaluate the ease of compliance and  
17 enforcement of a variety of implementation ap-  
18 proaches for different users of the surface  
19 transportation system.

20 (H) To ensure, to the greatest extent prac-  
21 ticable, the use of innovation.

22 (I) To consider, to the greatest extent  
23 practicable, the potential for revenue collection  
24 along a network of alternative fueling stations.

1 (J) To evaluate the impacts of the imposi-  
2 tion of a user-based alternative revenue mecha-  
3 nism on—

4 (i) transportation revenues;

5 (ii) personal mobility, driving pat-  
6 terns, congestion, and transportation costs;

7 and

8 (iii) freight movement and costs.

9 (K) To evaluate options for the integration  
10 of a user-based alternative revenue mechanism  
11 with—

12 (i) nationwide transportation revenue  
13 collections and regulations;

14 (ii) toll revenue collection platforms;

15 (iii) transportation network company  
16 fees; and

17 (iv) any other relevant transportation  
18 revenue mechanisms.

19 (4) ELIGIBLE ENTITY.—An entity eligible to  
20 apply for a grant under this section is—

21 (A) a State or a group of States;

22 (B) a local government or a group of local  
23 governments; or

24 (C) a metropolitan planning organization  
25 (as defined in section 134(b) of title 23, United

1 States Code) or a group of metropolitan plan-  
2 ning organizations.

3 (5) USE OF FUNDS.—An eligible entity that re-  
4 ceives a grant under this section shall use the grant  
5 to carry out a pilot project to address 1 or more of  
6 the objectives described in paragraph (3).

7 (6) CONSIDERATION.—The Secretary shall con-  
8 sider geographic diversity in awarding grants under  
9 this subsection.

10 (7) FEDERAL SHARE.—The Federal share of  
11 the cost of a pilot project carried out under this sec-  
12 tion may not exceed—

13 (A) 80 percent of the total cost of a  
14 project carried out by an eligible entity that has  
15 not otherwise received a grant under this sec-  
16 tion; and

17 (B) 70 percent of the total cost of a  
18 project carried out by an eligible entity that has  
19 received at least 1 grant under this section.

20 (c) LIMITATION ON REVENUE COLLECTED.—Any  
21 revenue collected through a user-based alternative revenue  
22 mechanism established using funds provided under this  
23 section shall not be considered a toll under section 301  
24 of title 23, United States Code.

1 (d) RECOMMENDATIONS AND REPORT.—Not later  
2 than 3 years after the date of enactment of this Act, the  
3 Secretary, in coordination with the Secretary of the Treas-  
4 ury and the Federal System Funding Alternative Advisory  
5 Board established under section 3002(g)(1), shall submit  
6 to the Committee on Environment and Public Works of  
7 the Senate and the Committee on Transportation and In-  
8 frastructure of the House of Representatives a report  
9 that—

10 (1) summarizes the results of the pilot projects  
11 under this section and the national pilot program  
12 under section 3002; and

13 (2) provides recommendations, if applicable, to  
14 enable potential implementation of a nationwide  
15 user-based alternative revenue mechanism.

16 (e) FUNDING.—

17 (1) IN GENERAL.—Of the funds made available  
18 to carry out section 503(b) of title 23, United States  
19 Code, for each of fiscal years 2022 through 2026  
20 \$15,000,000 shall be used for pilot projects under  
21 this section.

22 (2) FLEXIBILITY.—If, by August 1 of each fis-  
23 cal year, the Secretary determines that there are not  
24 enough grant applications to meet the requirements  
25 of this section for that fiscal year, the Secretary

1 shall transfer to the national pilot program under  
2 section 3002 or to the highway research and devel-  
3 opment program under section 503(b) of title 23,  
4 United States Code—

5 (A) any funds reserved for a fiscal year  
6 under paragraph (1) that the Secretary has not  
7 yet awarded under this section; and

8 (B) an amount of obligation limitation  
9 equal to the amount of funds that the Secretary  
10 transfers under subparagraph (A).

11 (f) REPEAL.—

12 (1) IN GENERAL.—Section 6020 of the FAST  
13 Act (23 U.S.C. 503 note; Public Law 114–94) is re-  
14 pealed.

15 (2) CLERICAL AMENDMENT.—The table of con-  
16 tents in section 1(b) of the FAST Act (Public Law  
17 114–94; 129 Stat. 1312) is amended by striking the  
18 item relating to section 6020.

19 **SEC. 3002. NATIONAL MOTOR VEHICLE PER-MILE USER FEE**  
20 **PILOT.**

21 (a) DEFINITIONS.—In this section:

22 (1) ADVISORY BOARD.—The term “advisory  
23 board” means the Federal System Funding Alter-  
24 native Advisory Board established under subsection  
25 (g)(1).

1           (2) COMMERCIAL VEHICLE.—The term “com-  
2           mercial vehicle” has the meaning given the term  
3           commercial motor vehicle in section 31101 of title  
4           49, United States Code.

5           (3) HIGHWAY TRUST FUND.—The term “High-  
6           way Trust Fund” means the Highway Trust Fund  
7           established under section 9503 of the Internal Rev-  
8           enue Code of 1986.

9           (4) LIGHT TRUCK.—The term “light truck” has  
10          the meaning given the term in section 523.2 of title  
11          49, Code of Federal Regulations (or successor regu-  
12          lations).

13          (5) MEDIUM- AND HEAVY-DUTY TRUCK.—The  
14          term “medium- and heavy-duty truck” has the  
15          meaning given the term “commercial medium- and  
16          heavy-duty on-highway vehicle” in section 32901(a)  
17          of title 49, United States Code.

18          (6) PASSENGER MOTOR VEHICLE.—The term  
19          “passenger motor vehicle” has the meaning given  
20          the term in section 32101 of title 49, United States  
21          Code.

22          (7) PER-MILE USER FEE.—The term “per-mile  
23          user fee” means a revenue mechanism that—

1 (A) is applied to road users operating  
2 motor vehicles on the surface transportation  
3 system; and

4 (B) is based on the number of vehicle miles  
5 traveled by an individual road user.

6 (8) PILOT PROGRAM.—The term “pilot pro-  
7 gram” means the pilot program established under  
8 subsection (b)(1).

9 (9) VOLUNTEER PARTICIPANT.—The term “vol-  
10 unteer participant” means—

11 (A) an owner or lessee of a private, per-  
12 sonal motor vehicle who volunteers to partici-  
13 pate in the pilot program;

14 (B) a commercial vehicle operator who vol-  
15 unteers to participate in the pilot program; or

16 (C) an owner of a motor vehicle fleet who  
17 volunteers to participate in the pilot program.

18 (b) ESTABLISHMENT.—

19 (1) IN GENERAL.—The Secretary, in coordina-  
20 tion with the Secretary of the Treasury, and con-  
21 sistent with the recommendations of the advisory  
22 board, shall establish a pilot program to demonstrate  
23 a national motor vehicle per-mile user fee—

24 (A) to restore and maintain the long-term  
25 solvency of the Highway Trust Fund; and



1 (B) to improve and maintain the surface  
2 transportation system.

3 (2) OBJECTIVES.—The objectives of the pilot  
4 program are—

5 (A) to test the design, acceptance, imple-  
6 mentation, and financial sustainability of a na-  
7 tional motor vehicle per-mile user fee;

8 (B) to address the need for additional rev-  
9 enue for surface transportation infrastructure  
10 and a national motor vehicle per-mile user fee;  
11 and

12 (C) to provide recommendations relating to  
13 the adoption and implementation of a national  
14 motor vehicle per-mile user fee.

15 (c) PARAMETERS.—In carrying out the pilot pro-  
16 gram, the Secretary, in coordination with the Secretary  
17 of the Treasury, shall—

18 (1) provide different methods that volunteer  
19 participants can choose from to track motor vehicle  
20 miles traveled;

21 (2) solicit volunteer participants from all 50  
22 States, the District of Columbia, and the Common-  
23 wealth of Puerto Rico;

24 (3) ensure an equitable geographic distribution  
25 by population among volunteer participants;

1 (4) include commercial vehicles and passenger  
2 motor vehicles; and

3 (5) use components of and, where appropriate,  
4 coordinate with—

5 (A) the States that received a grant under  
6 section 6020 of the FAST Act (23 U.S.C. 503  
7 note; Public Law 114–94) (as in effect on the  
8 day before the date of enactment of this Act);  
9 and

10 (B) eligible entities that received a grant  
11 under section 3001.

12 (d) METHODS.—

13 (1) TOOLS.—In selecting the methods described  
14 in subsection (c)(1), the Secretary shall coordinate  
15 with entities that voluntarily provide to the Sec-  
16 retary for use under the pilot program any of the  
17 following vehicle-miles-traveled collection tools:

18 (A) Third-party on-board diagnostic  
19 (OBD-II) devices.

20 (B) Smart phone applications.

21 (C) Telemetric data collected by auto-  
22 makers.

23 (D) Motor vehicle data obtained by car in-  
24 surance companies.

1 (E) Data from the States that received a  
2 grant under section 6020 of the FAST Act (23  
3 U.S.C. 503 note; Public Law 114–94) (as in ef-  
4 fect on the day before the date of enactment of  
5 this Act).

6 (F) Motor vehicle data obtained from fuel-  
7 ing stations.

8 (G) Any other method that the Secretary  
9 considers appropriate.

10 (2) COORDINATION.—

11 (A) SELECTION.—The Secretary shall de-  
12 termine which collection tools under paragraph  
13 (1) are selected for the pilot program.

14 (B) VOLUNTEER PARTICIPANTS.—In a  
15 manner that the Secretary considers appro-  
16 priate, the Secretary shall enable each volunteer  
17 participant to choose 1 of the selected collection  
18 tools under paragraph (1).

19 (e) MOTOR VEHICLE PER-MILE USER FEES.—For  
20 the purposes of the pilot program, the Secretary of the  
21 Treasury shall establish, on an annual basis, per-mile user  
22 fees for passenger motor vehicles, light trucks, and  
23 medium- and heavy-duty trucks, which amount may vary  
24 between vehicle types and weight classes to reflect esti-

1 mated impacts on infrastructure, safety, congestion, the  
2 environment, or other related social impacts.

3 (f) VOLUNTEER PARTICIPANTS.—The Secretary, in  
4 coordination with the Secretary of the Treasury, shall—

5 (1)(A) ensure, to the extent practicable, that  
6 the greatest number of volunteer participants par-  
7 ticipate in the pilot program; and

8 (B) ensure that such volunteer participants rep-  
9 resent geographically diverse regions of the United  
10 States, including from urban and rural areas; and

11 (2) issue policies relating to the protection of  
12 volunteer participants, including policies that—

13 (A) protect the privacy of volunteer partici-  
14 pants; and

15 (B) secure the data provided by volunteer  
16 participants.

17 (g) FEDERAL SYSTEM FUNDING ALTERNATIVE AD-  
18 VISORY BOARD.—

19 (1) IN GENERAL.—Not later than 90 days after  
20 the date of enactment of this Act, the Secretary  
21 shall establish an advisory board, to be known as the  
22 “Federal System Funding Alternative Advisory  
23 Board”, to assist with—

24 (A) providing the Secretary with rec-  
25 ommendations related to the structure, scope,

1 and methodology for developing and imple-  
2 menting the pilot program;

3 (B) carrying out the public awareness cam-  
4 paign under subsection (h); and

5 (C) developing the report under subsection  
6 (n).

7 (2) MEMBERSHIP.—The advisory board shall  
8 include, at a minimum, the following representatives  
9 and entities, to be appointed by the Secretary:

10 (A) State departments of transportation.

11 (B) Any public or nonprofit entity that led  
12 a surface transportation system funding alter-  
13 natives pilot project under section 6020 of the  
14 FAST Act (23 U.S.C. 503 note; Public Law  
15 114–94) (as in effect on the day before the date  
16 of enactment of this Act).

17 (C) Representatives of the trucking indus-  
18 try, including owner-operator independent driv-  
19 ers.

20 (D) Data security experts with expertise in  
21 personal privacy.

22 (E) Academic experts on surface transpor-  
23 tation systems.

24 (F) Consumer advocates, including privacy  
25 experts.

- 1 (G) Advocacy groups focused on equity.
- 2 (H) Owners of motor vehicle fleets.
- 3 (I) Owners and operators of toll facilities.
- 4 (J) Tribal groups or representatives.
- 5 (K) Any other representatives or entities,
- 6 as determined appropriate by the Secretary.

7 (3) RECOMMENDATIONS.—Not later than 1

8 year after the date on which the advisory board is

9 established under paragraph (1), the advisory board

10 shall provide the Secretary with the recommenda-

11 tions described in subparagraph (A) of that para-

12 graph, which the Secretary shall use in imple-

13 menting the pilot program.

14 (h) PUBLIC AWARENESS CAMPAIGN.—

15 (1) IN GENERAL.—The Secretary, with guid-

16 ance from the advisory board, may carry out a pub-

17 lic awareness campaign to increase public awareness

18 regarding a national motor vehicle per-mile user fee,

19 including distributing information—

20 (A) related to the pilot program;

21 (B) from the State surface transportation

22 system funding alternatives pilot program

23 under section 6020 of the FAST Act (23

24 U.S.C. 503 note; Public Law 114–94) (as in ef-

1           fect on the day before the date of enactment of  
2           this Act); and

3                   (C) related to consumer privacy.

4           (2) CONSIDERATIONS.—In carrying out the  
5           public awareness campaign under this subsection,  
6           the Secretary shall consider issues unique to each  
7           State.

8           (i) REVENUE COLLECTION.—The Secretary of the  
9           Treasury, in coordination with the Secretary, shall estab-  
10          lish a mechanism to collect motor vehicle per-mile user  
11          fees established under subsection (e) from volunteer par-  
12          ticipants, which—

13                   (1) may be adjusted as needed to address tech-  
14          nical challenges; and

15                   (2) may allow independent and private third-  
16          party vendors to collect the motor vehicle per-mile  
17          user fees and forward such fees to the Treasury.

18          (j) AGREEMENT.—The Secretary may enter into an  
19          agreement with a volunteer participant containing such  
20          terms and conditions as the Secretary considers necessary  
21          for participation in the pilot program.

22          (k) LIMITATION.—Any revenue collected through the  
23          mechanism established under subsection (i) shall not be  
24          considered a toll under section 301 of title 23, United  
25          States Code.

1 (l) HIGHWAY TRUST FUND.—The Secretary of the  
2 Treasury shall ensure that any revenue collected under  
3 subsection (i) is deposited into the Highway Trust Fund.

4 (m) REFUND.—Not more than 45 days after the end  
5 of each calendar quarter in which a volunteer participant  
6 has participated in the pilot program, the Secretary of the  
7 Treasury shall calculate and issue an equivalent refund  
8 to such volunteer participant for applicable Federal motor  
9 fuel taxes under section 4041 and section 4081 of the In-  
10 ternal Revenue Code of 1986.

11 (n) REPORT TO CONGRESS.—Not later than 1 year  
12 after the date on which volunteer participants begin par-  
13 ticipating in the pilot program, and each year thereafter  
14 for the duration of the pilot program, the Secretary and  
15 the Secretary of the Treasury shall submit to the Com-  
16 mittee on Environment and Public Works of the Senate  
17 and the Committee on Transportation and Infrastructure  
18 of the House of Representatives a report that includes an  
19 analysis of—

20 (1) whether the objectives described in sub-  
21 section (b)(2) were achieved;

22 (2) how volunteer participant protections in  
23 subsection (f)(2) were complied with;

24 (3) whether motor vehicle per-mile user fees can  
25 maintain the long-term solvency of the Highway



1 Trust Fund and improve and maintain the surface  
2 transportation system, which shall include estimates  
3 of administrative costs related to collecting such  
4 motor vehicle per mile user fees;

5 (4) how the privacy of volunteers was main-  
6 tained; and

7 (5) equity impacts of the pilot program, includ-  
8 ing the impacts of the pilot program on low-income  
9 commuters.

10 (o) FUNDING.—

11 (1) IN GENERAL.—Of the funds made available  
12 to carry out section 503(b) of title 23, United States  
13 Code, for each of fiscal years 2022 through 2026  
14 \$10,000,000 shall be used to carry out the pilot pro-  
15 gram under this section.

16 (2) EXCESS FUNDS.—Any excess funds remain-  
17 ing after carrying out the pilot program under this  
18 section shall be available to make grants for pilot  
19 projects under section 3001.

20 **SEC. 3003. PERFORMANCE MANAGEMENT DATA SUPPORT**  
21 **PROGRAM.**

22 Section 6028(c) of the FAST Act (23 U.S.C. 150  
23 note; Public Law 114–94) is amended by striking “fiscal  
24 years 2016 through 2020” and inserting “fiscal years  
25 2022 through 2026”.

1 **SEC. 3004. DATA INTEGRATION PILOT PROGRAM.**

2 (a) ESTABLISHMENT.—The Secretary shall establish  
3 a pilot program—

4 (1) to provide research and develop models that  
5 integrate, in near-real-time, data from multiple  
6 sources, including geolocated—

7 (A) weather conditions;

8 (B) roadway conditions;

9 (C) incidents, work zones, and other non-  
10 recurring events related to emergency planning;  
11 and

12 (D) information from emergency respond-  
13 ers; and

14 (2) to facilitate data integration between the  
15 Department, the National Weather Service, and  
16 other sources of data that provide real-time data  
17 with respect to roadway conditions during or as a re-  
18 sult of severe weather events, including, at a min-  
19 imum—

20 (A) winter weather;

21 (B) heavy rainfall; and

22 (C) tropical weather events.

23 (b) REQUIREMENTS.—In carrying out subsection  
24 (a)(1), the Secretary shall—

25 (1) address the safety, resiliency, and vulner-  
26 ability of the transportation system to disasters; and

1           (2) develop tools for decisionmakers and other  
2           end-users who could use or benefit from the inte-  
3           grated data described in that subsection to improve  
4           public safety and mobility.

5           (c) TREATMENT.—Except as otherwise provided in  
6           this section, the Secretary shall carry out activities under  
7           the pilot program under this section as if—

8           (1) those activities were authorized under chap-  
9           ter 5 of title 23, United States Code; and

10           (2) the funds made available to carry out the  
11           pilot program were made available under that chap-  
12           ter.

13           (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
14           authorized to be appropriated to carry out this section  
15           \$2,500,000 for each of fiscal years 2022 through 2026,  
16           to remain available until expended.

17   **SEC. 3005. EMERGING TECHNOLOGY RESEARCH PILOT**  
18                                   **PROGRAM.**

19           (a) ESTABLISHMENT.—The Secretary shall establish  
20           a pilot program to conduct emerging technology research  
21           in accordance with this section.

22           (b) ACTIVITIES.—The pilot program under this sec-  
23           tion shall include—

24           (1) research and development activities relating  
25           to leveraging advanced and additive manufacturing

1 technologies to increase the structural integrity and  
2 cost-effectiveness of surface transportation infra-  
3 structure; and

4 (2) research and development activities (includ-  
5 ing laboratory and test track supported accelerated  
6 pavement testing research regarding the impacts of  
7 connected, autonomous, and platooned vehicles on  
8 pavement and infrastructure performance)—

9 (A) to reduce the impact of automated and  
10 connected driving systems and advanced driver-  
11 assistance systems on pavement and infrastruc-  
12 ture performance; and

13 (B) to improve transportation infrastruc-  
14 ture design in anticipation of increased usage of  
15 automated driving systems and advanced driv-  
16 er-assistance systems.

17 (c) TREATMENT.—Except as otherwise provided in  
18 this section, the Secretary shall carry out activities under  
19 the pilot program under this section as if—

20 (1) those activities were authorized under chap-  
21 ter 5 of title 23, United States Code; and

22 (2) the funds made available to carry out the  
23 pilot program were made available under that chap-  
24 ter.

1 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
2 authorized to be appropriated to carry out this section  
3 \$5,000,000 for each of fiscal years 2022 through 2026,  
4 to remain available until expended.

5 **SEC. 3006. RESEARCH AND TECHNOLOGY DEVELOPMENT**  
6 **AND DEPLOYMENT.**

7 (a) IN GENERAL.—Section 503 of title 23, United  
8 States Code, is amended—

9 (1) in subsection (a)(2), by striking “section  
10 508” and inserting “section 6503 of title 49”;

11 (2) in subsection (b)—

12 (A) in paragraph (1)—

13 (i) in subparagraph (C), by striking  
14 “and” at the end;

15 (ii) in subparagraph (D), by striking  
16 the period at the end and inserting a semi-  
17 colon; and

18 (iii) by adding at the end the fol-  
19 lowing:

20 “(E) engage with public and private enti-  
21 ties to spur advancement of emerging trans-  
22 formative innovations through accelerated mar-  
23 ket readiness; and

1           “(F) consult frequently with public and  
2 private entities on new transportation tech-  
3 nologies.”;

4           (B) in paragraph (2)(C)—

5           (i) by redesignating clauses (x)  
6 through (xv) as clauses (xi) through (xvi),  
7 respectively; and

8           (ii) by inserting after clause (ix) the  
9 following:

10           “(x) safety measures to reduce the  
11 number of wildlife-vehicle collisions;”;

12           (C) in paragraph (3)—

13           (i) in subparagraph (B)(viii), by in-  
14 serting “, including weather,” after  
15 “events”; and

16           (ii) in subparagraph (C)—

17           (I) in clause (xv), by inserting  
18 “extreme weather events and” after  
19 “withstand”;

20           (II) in clause (xviii), by striking  
21 “and” at the end;

22           (III) in clause (xix), by striking  
23 the period at the end and inserting “;  
24 and”; and

1 (IV) by adding at the end the fol-  
2 lowing:

3 “(xx) studies on the deployment and  
4 revenue potential of the deployment of en-  
5 ergy and broadband infrastructure in high-  
6 way rights-of-way, including potential ad-  
7 verse impacts of the use or nonuse of those  
8 rights-of-way.”;

9 (D) in paragraph (6)—

10 (i) in subparagraph (A), by striking  
11 “and” at the end;

12 (ii) in subparagraph (B), by striking  
13 the period at the end and inserting “;  
14 and”; and

15 (iii) by adding at the end the fol-  
16 lowing:

17 “(C) to support research on non-market-  
18 ready technologies in consultation with public  
19 and private entities.”;

20 (E) in paragraph (7)(B)—

21 (i) in the matter preceding clause (i),  
22 by inserting “innovations by leading” after  
23 “support”;

24 (ii) in clause (iii), by striking “and”  
25 at the end;

1 (iii) in clause (iv), by striking the pe-  
2 riod at the end and inserting “; and”;

3 (iv) by adding at the end the fol-  
4 lowing:

5 “(v) the evaluation of information  
6 from accelerated market readiness efforts,  
7 including non-market-ready technologies,  
8 in consultation with other offices of the  
9 Federal Highway Administration, the Na-  
10 tional Highway Traffic Safety Administra-  
11 tion, and other key partners.”;

12 (F) in paragraph (8)(A), by striking “fu-  
13 ture highway” and all that follows through  
14 “needs.” and inserting the following: “current  
15 conditions and future needs of highways,  
16 bridges, and tunnels of the United States, in-  
17 cluding—

18 “(i) the conditions and performance of  
19 the highway network for freight movement;

20 “(ii) intelligent transportation sys-  
21 tems;

22 “(iii) resilience needs; and

23 “(iv) the backlog of current highway,  
24 bridge, and tunnel needs.”; and

25 (G) by adding at the end the following:



1           “(9) ANALYSIS TOOLS.—The Secretary may de-  
2       velop interactive modeling tools and databases  
3       that—

4           “(A) track the full condition of highway  
5       assets, including interchanges, and the recon-  
6       struction history of those assets;

7           “(B) can be used to assess transportation  
8       options;

9           “(C) allow for the monitoring and mod-  
10      eling of network-level traffic flows on highways;  
11      and

12          “(D) further Federal and State under-  
13      standing of the importance of national and re-  
14      gional connectivity and the need for long-dis-  
15      tance and interregional passenger and freight  
16      travel by highway and other surface transpor-  
17      tation modes.”; and

18      (3) in subsection (c)—

19          (A) in paragraph (1)—

20              (i) in the matter preceding subpara-  
21          graph (A), by inserting “use of rights-of-  
22          way permissible under applicable law,”  
23          after “structures,”;

24              (ii) in subparagraph (D), by striking  
25          “and” at the end;

1 (iii) in subparagraph (E), by striking  
2 the period at the end and inserting “;  
3 and”; and

4 (iv) by adding at the end the fol-  
5 lowing:

6 “(F) disseminating and evaluating infor-  
7 mation from accelerated market readiness ef-  
8 forts, including non-market-ready technologies,  
9 to public and private entities.”;

10 (B) in paragraph (2)—

11 (i) in subparagraph (B)(iii), by strik-  
12 ing “improved tools and methods to accel-  
13 erate the adoption” and inserting “and de-  
14 ploy improved tools and methods to accel-  
15 erate the adoption of early-stage and prov-  
16 en innovative practices and technologies  
17 and, as the Secretary determines to be ap-  
18 propriate, support continued implementa-  
19 tion”; and

20 (ii) by adding at the end the fol-  
21 lowing:

22 “(D) REPORT.—Not later than 2 years  
23 after the date of enactment of this subpara-  
24 graph and every 2 years thereafter, the Sec-  
25 retary shall submit to the Committee on Envi-

1           ronment and Public Works of the Senate and  
2           the Committee on Transportation and Infra-  
3           structure of the House of Representatives and  
4           make publicly available on an internet website  
5           a report that describes—

6                   “(i) the activities the Secretary has  
7                   undertaken to carry out the program es-  
8                   tablished under paragraph (1); and

9                   “(ii) how and to what extent the Sec-  
10                  retary has worked to disseminate non-mar-  
11                  ket-ready technologies to public and pri-  
12                  vate entities.”;

13               (C) in paragraph (3)—

14                   (i) by redesignating subparagraphs  
15                   (C) and (D) as subparagraphs (D) and  
16                   (E), respectively;

17                   (ii) by inserting after subparagraph  
18                   (B) the following:

19                   “(C) HIGH-FRICTION SURFACE TREAT-  
20                  MENT APPLICATION STUDY.—

21                   “(i) DEFINITION OF INSTITUTION.—

22                   In this subparagraph, the term ‘institution’  
23                   means a private sector entity, public agen-  
24                   cy, research university or other research  
25                   institution, or organization representing

1 transportation and technology leaders or  
2 other transportation stakeholders that, as  
3 determined by the Secretary, is capable of  
4 working with State highway agencies, the  
5 Federal Highway Administration, and the  
6 highway construction industry to develop  
7 and evaluate new products, design tech-  
8 nologies, and construction methods that  
9 quickly lead to pavement improvements.

10 “(ii) STUDY.—The Secretary shall  
11 seek to enter into an agreement with an  
12 institution to carry out a study on the use  
13 of natural and synthetic calcined bauxite  
14 as a high-friction surface treatment appli-  
15 cation on pavement.

16 “(iii) REPORT.—Not later than 18  
17 months after the date of enactment of the  
18 Infrastructure Investment and Jobs Act,  
19 the Secretary shall submit a report on the  
20 results of the study under clause (ii) to—

21 “(I) the Committee on Environ-  
22 ment and Public Works of the Senate;

23 “(II) the Committee on Trans-  
24 portation and Infrastructure of the  
25 House of Representatives;

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1 “(III) the Federal Highway Ad-  
2 ministration; and

3 “(IV) the American Association  
4 of State Highway and Transportation  
5 Officials.”;

6 (iii) in subparagraph (D) (as so reded-  
7 icated), by striking “fiscal years 2016  
8 through 2020” and inserting “fiscal years  
9 2022 through 2026”; and

10 (iv) in subparagraph (E) (as so reded-  
11 icated)—

12 (I) in clause (i), by striking “an-  
13 nually” and inserting “once every 3  
14 years”; and

15 (II) in clause (ii)—

16 (aa) in subclause (III), by  
17 striking “and” at the end;

18 (bb) in subclause (IV), by  
19 striking the period at the end  
20 and inserting a semicolon; and

21 (cc) by adding at the end  
22 the following:

23 “(V) pavement monitoring and  
24 data collection practices;

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1 “(VI) pavement durability and  
2 resilience;

3 “(VII) stormwater management;

4 “(VIII) impacts on vehicle effi-  
5 ciency;

6 “(IX) the energy efficiency of the  
7 production of paving materials and  
8 the ability of paving materials to en-  
9 hance the environment and promote  
10 sustainability; and

11 “(X) integration of renewable en-  
12 ergy in pavement designs.”; and

13 (D) by adding at the end the following:

14 “(5) ACCELERATED IMPLEMENTATION AND DE-  
15 PLOYMENT OF ADVANCED DIGITAL CONSTRUCTION  
16 MANAGEMENT SYSTEMS.—

17 “(A) IN GENERAL.—The Secretary shall  
18 establish and implement a program under the  
19 technology and innovation deployment program  
20 established under paragraph (1) to promote,  
21 implement, deploy, demonstrate, showcase, sup-  
22 port, and document the application of advanced  
23 digital construction management systems, prac-  
24 tices, performance, and benefits.

1           “(B) GOALS.—The goals of the accelerated  
2 implementation and deployment of advanced  
3 digital construction management systems pro-  
4 gram established under subparagraph (A) shall  
5 include—

6           “(i) accelerated State adoption of ad-  
7 vanced digital construction management  
8 systems applied throughout the construc-  
9 tion lifecycle (including through the design  
10 and engineering, construction, and oper-  
11 ations phases) that—

12                   “(I) maximize interoperability  
13 with other systems, products, tools, or  
14 applications;

15                   “(II) boost productivity;

16                   “(III) manage complexity;

17                   “(IV) reduce project delays and  
18 cost overruns; and

19                   “(V) enhance safety and quality;

20           “(ii) more timely and productive infor-  
21 mation-sharing among stakeholders  
22 through reduced reliance on paper to man-  
23 age construction processes and deliverables  
24 such as blueprints, design drawings, pro-  
25 curement and supply-chain orders, equip-

1           ment logs, daily progress reports, and  
2           punch lists;

3           “(iii) deployment of digital manage-  
4           ment systems that enable and leverage the  
5           use of digital technologies on construction  
6           sites by contractors, such as state-of-the-  
7           art automated and connected machinery  
8           and optimized routing software that allows  
9           construction workers to perform tasks fast-  
10          er, safer, more accurately, and with mini-  
11          mal supervision;

12          “(iv) the development and deployment  
13          of best practices for use in digital con-  
14          struction management;

15          “(v) increased technology adoption  
16          and deployment by States and units of  
17          local government that enables project spon-  
18          sors—

19                  “(I) to integrate the adoption of  
20                  digital management systems and tech-  
21                  nologies in contracts; and

22                  “(II) to weigh the cost of  
23                  digitization and technology in setting  
24                  project budgets;



1 “(vi) technology training and work-  
2 force development to build the capabilities  
3 of project managers and sponsors that en-  
4 ables States and units of local govern-  
5 ment—

6 “(I) to better manage projects  
7 using advanced construction manage-  
8 ment technologies; and

9 “(II) to properly measure and re-  
10 ward technology adoption across  
11 projects of the State or unit of local  
12 government;

13 “(vii) development of guidance to as-  
14 sist States in updating regulations of the  
15 State to allow project sponsors and con-  
16 tractors—

17 “(I) to report data relating to the  
18 project in digital formats; and

19 “(II) to fully capture the effi-  
20 ciencies and benefits of advanced dig-  
21 ital construction management systems  
22 and related technologies;

23 “(viii) reduction in the environmental  
24 footprint of construction projects using ad-  
25 vanced digital construction management

1 systems resulting from elimination of con-  
2 gestion through more efficient projects;  
3 and

4 “(ix) enhanced worker and pedestrian  
5 safety resulting from increased trans-  
6 parency.

7 “(C) FUNDING.—For each of fiscal years  
8 2022 through 2026, the Secretary shall obligate  
9 from funds made available to carry out this  
10 subsection \$20,000,000 to accelerate the de-  
11 ployment and implementation of advanced dig-  
12 ital construction management systems.

13 “(D) PUBLICATION.—

14 “(i) IN GENERAL.—Not less fre-  
15 quently than annually, the Secretary shall  
16 issue and make available to the public on  
17 a website a report on—

18 “(I) progress made in the imple-  
19 mentation of advanced digital man-  
20 agement systems by States; and

21 “(II) the costs and benefits of  
22 the deployment of new technology and  
23 innovations that substantially and di-  
24 rectly resulted from the program es-  
25 tablished under this paragraph.

1                   “(ii) INCLUSIONS.—The report under  
2                   clause (i) may include an analysis of—

3                   “(I) Federal, State, and local  
4                   cost savings;

5                   “(II) project delivery time im-  
6                   provements;

7                   “(III) congestion impacts; and

8                   “(IV) safety improvements for  
9                   roadway users and construction work-  
10                  ers.”.

11           (b) ADVANCED TRANSPORTATION TECHNOLOGIES  
12 AND INNOVATIVE MOBILITY DEPLOYMENT.—Section  
13 503(c)(4) of title 23, United States Code, is amended—

14           (1) in the heading, by inserting “AND INNOVA-  
15           TIVE MOBILITY” before “DEPLOYMENT”;

16           (2) by striking subparagraph (A) and inserting  
17           the following:

18                   “(A) IN GENERAL.—The Secretary shall  
19                   provide grants to eligible entities to deploy, in-  
20                   stall, and operate advanced transportation tech-  
21                   nologies to improve safety, mobility, efficiency,  
22                   system performance, intermodal connectivity,  
23                   and infrastructure return on investment.”;

24           (3) in subparagraph (B)—

1 (A) in clause (i), by striking “the enhanced  
2 use” and inserting “optimization”;

3 (B) in clause (v)—

4 (i) by striking “transit,” and inserting  
5 “work zone, weather, transit, para-  
6 transit,”; and

7 (ii) by striking “and accessible trans-  
8 portation” and inserting “, accessible, and  
9 integrated transportation and transpor-  
10 tation services”;

11 (C) by redesignating clauses (i) through  
12 (viii) as clauses (iii), (iv), (v), (vi), (vii), (ix),  
13 (x), and (xi), respectively;

14 (D) by inserting before clause (iii) (as so  
15 redesignated) the following:

16 “(i) improve the mobility of people  
17 and goods;

18 “(ii) improve the durability and ex-  
19 tend the life of transportation infrastruc-  
20 ture;”;

21 (E) in clause (iv) (as so redesignated), by  
22 striking “deliver” and inserting “protect the en-  
23 vironment and deliver”;

24 (F) by inserting after clause (vii) (as so re-  
25 designated) the following:

1 “(viii) facilitate account-based pay-  
2 ments for transportation access and serv-  
3 ices and integrate payment systems across  
4 modes;”;

5 (G) in clause (x) (as so redesignated), by  
6 striking “or” at the end;

7 (H) in clause (xi) (as so redesignated)—

8 (i) by inserting “vehicle-to-pedes-  
9 trian,” after “vehicle-to-infrastructure,”;  
10 and

11 (ii) by striking the period at the end  
12 and inserting “; or”; and

13 (I) by adding at the end the following:

14 “(xii) incentivize travelers—

15 “(I) to share trips during periods  
16 in which travel demand exceeds sys-  
17 tem capacity; or

18 “(II) to shift trips to periods in  
19 which travel demand does not exceed  
20 system capacity.”;

21 (4) in subparagraph (C)—

22 (A) in clause (i), by striking “Not later”  
23 and all that follows through “thereafter” and  
24 inserting “Each fiscal year for which funding is

1 made available for activities under this para-  
2 graph”; and

3 (B) in clause (ii)—

4 (i) in subclause (I), by inserting “mo-  
5 bility,” after “safety,”; and

6 (ii) in subclause (II)—

7 (I) in item (bb), by striking  
8 “and” at the end;

9 (II) in item (cc), by striking the  
10 period at the end and inserting “;  
11 and”; and

12 (III) by adding at the end the  
13 following:

14 “(dd) facilitating payment  
15 for transportation services.”;

16 (5) in subparagraph (D)—

17 (A) in clause (i), by striking “Not later”  
18 and all that follows through “thereafter” and  
19 inserting “Each fiscal year for which funding is  
20 made available for activities under this para-  
21 graph”; and

22 (B) in clause (ii)—

23 (i) by striking “In awarding” and in-  
24 serting the following:

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1                   “(I) IN GENERAL.—Subject to  
2                   subclause (II), in awarding”; and  
3                   (ii) by adding at the end the fol-  
4                   lowing:

5                   “(II) RURAL SET-ASIDE.—Not  
6                   less than 20 percent of the amounts  
7                   made available to carry out this para-  
8                   graph shall be reserved for projects  
9                   serving rural areas.”;

10                   (6) in subparagraph (E)—

11                   (A) by redesignating clauses (iii) through  
12                   (ix) as clauses (iv), (v), (vi), (vii), (viii), (xi),  
13                   and (xiv), respectively;

14                   (B) by inserting after clause (ii) the fol-  
15                   lowing:

16                   “(iii) advanced transportation tech-  
17                   nologies to improve emergency evacuation  
18                   and response by Federal, State, and local  
19                   authorities;”;

20                   (C) by inserting after clause (viii) (as so  
21                   redesignated) the following:

22                   “(ix) integrated corridor management  
23                   systems;

24                   “(x) advanced parking reservation or  
25                   variable pricing systems;”;

1 (D) in clause (xi) (as so redesignated)—

2 (i) by inserting “, toll collection,”

3 after “pricing”; and

4 (ii) by striking “or” at the end;

5 (E) by inserting after clause (xi) (as so re-

6 designated) the following:

7 “(xii) technology that enhances high

8 occupancy vehicle toll lanes, cordon prie-

9 ing, or congestion pricing;

10 “(xiii) integration of transportation

11 service payment systems;”;

12 (F) in clause (xiv) (as so redesignated)—

13 (i) by striking “and access” and in-

14 serting “, access, and on-demand transpor-

15 tation service”;

16 (ii) by inserting “and other shared-use

17 mobility applications” after “ridesharing”;

18 and

19 (iii) by striking the period at the end

20 and inserting a semicolon; and

21 (G) by adding at the end the following:

22 “(xv) retrofitting dedicated short-

23 range communications (DSRC) technology

24 deployed as part of an existing pilot pro-

25 gram to cellular vehicle-to-everything (C-



1 V2X) technology, subject to the condition  
2 that the retrofitted technology operates  
3 only within the existing spectrum alloca-  
4 tions for connected vehicle systems; or

5 “(xvi) advanced transportation tech-  
6 nologies, in accordance with the research  
7 areas described in section 6503 of title  
8 49.”;

9 (7) in subparagraph (F)(ii)(IV), by striking “ef-  
10 ficiency and multimodal system performance” and  
11 inserting “mobility, efficiency, multimodal system  
12 performance, and payment system performance”;

13 (8) in subparagraph (G)—

14 (A) by redesignating clauses (vi) through  
15 (viii) as clauses (vii) through (ix), respectively;  
16 and

17 (B) by inserting after clause (v) the fol-  
18 lowing:

19 “(vi) improved integration of payment  
20 systems;”;

21 (9) in subparagraph (I)(i), by striking “fiscal  
22 years 2016 through 2020” and inserting “fiscal  
23 years 2022 through 2026”;

24 (10) in subparagraph (J), by striking “50” and  
25 inserting “80”; and

1 (11) in subparagraph (N)—

2 (A) in the matter preceding clause (i), by  
3 striking “, the following definitions apply”;

4 (B) in clause (i), by striking “representing  
5 a population of over 200,000”; and

6 (C) in clause (iii), in the matter preceding  
7 subclause (I), by striking “a any” and inserting  
8 “any”.

9 (c) CENTER OF EXCELLENCE ON NEW MOBILITY  
10 AND AUTOMATED VEHICLES.—Section 503(c) of title 23,  
11 United States Code (as amended by subsection (a)(3)(D)),  
12 is amended by adding at the end the following:

13 “(6) CENTER OF EXCELLENCE.—

14 “(A) DEFINITIONS.—In this paragraph:

15 “(i) HIGHLY AUTOMATED VEHICLE.—

16 The term ‘highly automated vehicle’ means  
17 a motor vehicle that—

18 “(I) has a taxable gross weight  
19 (as defined in section 41.4482(b)–1 of  
20 title 26, Code of Federal Regulations  
21 (or successor regulations)) of 10,000  
22 pounds or less; and

23 “(II) is equipped with a Level 3,  
24 Level 4, or Level 5 automated driving  
25 system (as defined in the SAE Inter-

1 national Recommended Practice num-  
2 bered J3016 and dated June 15,  
3 2018 (or a subsequent standard  
4 adopted by the Secretary)).

5 “(ii) NEW MOBILITY.—The term ‘new  
6 mobility’ includes shared services such  
7 as—

8 “(I) docked and dockless bicycles;

9 “(II) docked and dockless electric  
10 scooters; and

11 “(III) transportation network  
12 companies.

13 “(B) ESTABLISHMENT.—Not later than 1  
14 year after the date of enactment of the Infra-  
15 structure Investment and Jobs Act, the Sec-  
16 retary shall establish a Center of Excellence to  
17 collect, conduct, and fund research on the im-  
18 pacts of new mobility and highly automated ve-  
19 hicles on land use, urban design, transpor-  
20 tation, real estate, equity, and municipal budg-  
21 ets.

22 “(C) REPORT.—Not later than 1 year  
23 after the date on which the Center of Excel-  
24 lence is established, the Secretary shall submit  
25 a report that describes the results of the re-

1 search regarding the impacts of new mobility  
2 and highly automated vehicles to the Commit-  
3 tees on Environment and Public Works and  
4 Commerce, Science, and Transportation of the  
5 Senate and the Committees on Transportation  
6 and Infrastructure and Energy and Commerce  
7 of the House of Representatives.

8 “(D) PARTNERSHIPS.—In establishing the  
9 Center of Excellence under subparagraph (B),  
10 the Secretary shall enter into appropriate part-  
11 nerships with any institution of higher edu-  
12 cation (as defined in section 101 of the Higher  
13 Education Act of 1965 (20 U.S.C. 1001)) or  
14 public or private research entity.”.

15 (d) ACCELERATED IMPLEMENTATION AND DEPLOY-  
16 MENT OF ADVANCED DIGITAL CONSTRUCTION MANAGE-  
17 MENT SYSTEMS.—Not later than 1 year after the date of  
18 enactment of this Act, the Secretary shall submit to the  
19 Committee on Environment and Public Works of the Sen-  
20 ate and the Committee on Transportation and Infrastruc-  
21 ture of the House of Representatives a report that in-  
22 cludes—

23 (1) a description of—

1 (A) the current status of the use of ad-  
2 vanced digital construction management sys-  
3 tems in each State; and

4 (B) the progress of each State toward ac-  
5 celerating the adoption of advanced digital con-  
6 struction management systems; and

7 (2) an analysis of the savings in project delivery  
8 time and project costs that can be achieved through  
9 the use of advanced digital construction manage-  
10 ment systems.

11 (e) OPEN CHALLENGE AND RESEARCH PROPOSAL  
12 PILOT PROGRAM.—

13 (1) IN GENERAL.—The Secretary shall establish  
14 an open challenge and research proposal pilot pro-  
15 gram under which eligible entities may propose open  
16 highway challenges and research proposals that are  
17 linked to identified or potential research needs.

18 (2) REQUIREMENTS.—A research proposal sub-  
19 mitted to the Secretary by an eligible entity shall ad-  
20 dress—

21 (A) a research need identified by the Sec-  
22 retary or the Administrator of the Federal  
23 Highway Administration; or

24 (B) an issue or challenge that the Sec-  
25 retary determines to be important.

1           (3) ELIGIBLE ENTITIES.—An entity eligible to  
2           submit a research proposal under the pilot program  
3           under paragraph (1) is—

4                   (A) a State;

5                   (B) a unit of local government;

6                   (C) a university transportation center  
7           under section 5505 of title 49, United States  
8           Code;

9                   (D) a private nonprofit organization;

10                  (E) a private sector organization working  
11           in collaboration with an entity described in sub-  
12           paragraphs (A) through (D); and

13                  (F) any other individual or entity that the  
14           Secretary determines to be appropriate.

15           (4) PROJECT REVIEW.—The Secretary shall—

16                   (A) review each research proposal sub-  
17           mitted under the pilot program under para-  
18           graph (1); and

19                   (B) provide to the eligible entity a written  
20           notice that—

21                           (i) if the research proposal is not se-  
22           lected—

23                                   (I) notifies the eligible entity that  
24           the research proposal has not been se-  
25           lected for funding;

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1 (II) provides an explanation as to  
2 why the research proposal was not se-  
3 lected, including if the research pro-  
4 posal does not cover an area of need;  
5 and

6 (III) if applicable, recommend  
7 that the research proposal be sub-  
8 mitted to another research program  
9 and provide guidance and direction to  
10 the eligible entity and the proposed  
11 research program office; and

12 (ii) if the research proposal is se-  
13 lected, notifies the eligible entity that the  
14 research proposal has been selected for  
15 funding.

16 (5) FEDERAL SHARE.—

17 (A) IN GENERAL.—The Federal share of  
18 the cost of an activity carried out under this  
19 subsection shall not exceed 80 percent.

20 (B) NON-FEDERAL SHARE.—All costs di-  
21 rectly incurred by the non-Federal partners, in-  
22 cluding personnel, travel, facility, and hardware  
23 development costs, shall be credited toward the  
24 non-Federal share of the cost of an activity car-  
25 ried out under this subsection.

1 (f) CONFORMING AMENDMENT.—Section 167 of title  
2 23, United States Code, is amended—

3 (1) by striking subsection (h); and

4 (2) by redesignating subsections (i) through (l)  
5 as subsections (h) through (k), respectively.

6 **SEC. 3007. WORKFORCE DEVELOPMENT, TRAINING, AND**  
7 **EDUCATION.**

8 (a) SURFACE TRANSPORTATION WORKFORCE DE-  
9 VELOPMENT, TRAINING, AND EDUCATION.—Section  
10 504(e) of title 23, United States Code, is amended—

11 (1) in paragraph (1)—

12 (A) by redesignating subparagraphs (D)  
13 through (G) as subparagraphs (E), (F), (H),  
14 and (I), respectively;

15 (B) by inserting after subparagraph (C)  
16 the following:

17 “(D) pre-apprenticeships, apprenticeships,  
18 and career opportunities for on-the-job train-  
19 ing;”;

20 (C) in subparagraph (E) (as so redesign-  
21 ated), by striking “or community college” and  
22 inserting “, college, community college, or voca-  
23 tional school”; and

24 (D) by inserting after subparagraph (F)  
25 (as so redesignated) the following:



1           “(G) activities associated with workforce  
2 training and employment services, such as tar-  
3 geted outreach and partnerships with industry,  
4 economic development organizations, workforce  
5 development boards, and labor organizations;”;  
6           (2) in paragraph (2), by striking “paragraph  
7 (1)(G)” and inserting “paragraph (1)(I)”; and  
8           (3) in paragraph (3)—  
9           (A) by striking the period at the end and  
10 inserting a semicolon;  
11           (B) by striking “including activities” and  
12 inserting the following: “including—  
13           “(A) activities”; and  
14           (C) by adding at the end the following:  
15           “(B) activities that address current work-  
16 force gaps, such as work on construction  
17 projects, of State and local transportation agen-  
18 cies;  
19           “(C) activities to develop a robust surface  
20 transportation workforce with new skills result-  
21 ing from emerging transportation technologies;  
22 and  
23           “(D) activities to attract new sources of  
24 job-creating investment.”.

1 (b) TRANSPORTATION EDUCATION AND TRAINING  
2 DEVELOPMENT AND DEPLOYMENT PROGRAM.—Section  
3 504(f) of title 23, United States Code, is amended—

4 (1) in the subsection heading, by striking “DE-  
5 VELOPMENT” and inserting “AND TRAINING DEVEL-  
6 OPMENT AND DEPLOYMENT”;

7 (2) by striking paragraph (1) and inserting the  
8 following:

9 “(1) ESTABLISHMENT.—The Secretary shall es-  
10 tablish a program to make grants to educational in-  
11 stitutions or State departments of transportation, in  
12 partnership with industry and relevant Federal de-  
13 partments and agencies—

14 “(A) to develop, test, and review new cur-  
15ricula and education programs to train individ-  
16uals at all levels of the transportation work-  
17force; or

18 “(B) to implement the new curricula and  
19education programs to provide for hands-on ca-  
20reer opportunities to meet current and future  
21needs.”;

22 (3) in paragraph (2)—

23 (A) in the matter preceding subparagraph  
24 (A), by striking “shall” and inserting “may”;

1 (B) in subparagraph (A), by inserting  
2 “current or future” after “specific”; and

3 (C) in subparagraph (E)—

4 (i) by striking “in nontraditional de-  
5 partments”;

6 (ii) by inserting “construction,” after  
7 “such as”; and

8 (iii) by inserting “or emerging” after  
9 “industrial”;

10 (4) by redesignating paragraph (3) as para-  
11 graph (4); and

12 (5) by inserting after paragraph (2) the fol-  
13 lowing:

14 “(3) REPORTING.—The Secretary shall estab-  
15 lish minimum reporting requirements for grant re-  
16 cipients under this subsection, which may include,  
17 with respect to a program carried out with a grant  
18 under this subsection—

19 “(A) the percentage or number of program  
20 participants that are employed during the sec-  
21 ond quarter after exiting the program;

22 “(B) the percentage or number of program  
23 participants that are employed during the  
24 fourth quarter after exiting the program;

1           “(C) the median earnings of program par-  
2           ticipants that are employed during the second  
3           quarter after exiting the program;

4           “(D) the percentage or number of program  
5           participants that obtain a recognized postsec-  
6           ondary credential or a secondary school diploma  
7           (or a recognized equivalent) during participa-  
8           tion in the program or by not later than 1 year  
9           after exiting the program; and

10           “(E) the percentage or number of program  
11           participants that, during a program year—

12                   “(i) are in an education or training  
13                   program that leads to a recognized post-  
14                   secondary credential or employment; and

15                   “(ii) are achieving measurable skill  
16                   gains toward such a credential or employ-  
17                   ment.”.

18           (c) USE OF FUNDS.—Section 504 of title 23, United  
19           States Code, is amended by adding at the end the fol-  
20           lowing:

21           “(i) USE OF FUNDS.—The Secretary may use funds  
22           made available to carry out this section to carry out activi-  
23           ties related to workforce development and technical assist-  
24           ance and training if—

1           “(1) the activities are authorized by another  
2 provision of this title; and

3           “(2) the activities are for entities other than  
4 employees of the Secretary, such as States, units of  
5 local government, Federal land management agen-  
6 cies, and Tribal governments.”.

7 **SEC. 3008. WILDLIFE-VEHICLE COLLISION RESEARCH.**

8           (a) GENERAL AUTHORITIES AND REQUIREMENTS  
9 REGARDING WILDLIFE AND HABITAT.—Section  
10 515(h)(2) of title 23, United States Code, is amended—

11           (1) in subparagraph (K), by striking “and” at  
12 the end;

13           (2) by redesignating subparagraphs (D), (E),  
14 (F), (G), (H), (I), (J), (K), and (L) as subpara-  
15 graphs (E), (F), (G), (H), (I), (K), (L), (M), and  
16 (O), respectively;

17           (3) by inserting after subparagraph (C) the fol-  
18 lowing:

19           “(D) a representative from a State, local,  
20 or regional wildlife, land use, or resource man-  
21 agement agency;”;

22           (4) by inserting after subparagraph (I) (as so  
23 redesignated) the following:

1                   “(J) an academic researcher who is a bio-  
2                   logical or ecological scientist with expertise in  
3                   transportation issues;”; and

4                   (5) by inserting after subparagraph (M) (as so  
5                   redesignated) the following:

6                   “(N) a representative from a public inter-  
7                   est group concerned with the impact of the  
8                   transportation system on terrestrial and aquatic  
9                   species and the habitat of those species; and”.

10           (b) ANIMAL DETECTION SYSTEMS RESEARCH AND  
11 DEVELOPMENT.—Section 516(b)(6) of title 23, United  
12 States Code, is amended by inserting “, including animal  
13 detection systems to reduce the number of wildlife-vehicle  
14 collisions” after “systems”.

15 **SEC. 3009. TRANSPORTATION RESILIENCE AND ADAPTA-**  
16 **TION CENTERS OF EXCELLENCE.**

17           (a) IN GENERAL.—Chapter 5 of title 23, United  
18 States Code, is amended by adding at the end the fol-  
19 lowing:

20 **“§ 520. Transportation Resilience and Adaptation**  
21 **Centers of Excellence**

22           “(a) DEFINITION OF CENTER OF EXCELLENCE.—In  
23 this section, the term ‘Center of Excellence’ means a Cen-  
24 ter of Excellence for Resilience and Adaptation designated  
25 under subsection (b).

1           “(b) DESIGNATION.—The Secretary shall designate  
2 10 regional Centers of Excellence for Resilience and Adap-  
3 tation and 1 national Center of Excellence for Resilience  
4 and Adaptation, which shall serve as a coordinator for the  
5 regional Centers, to receive grants to advance research  
6 and development that improves the resilience of regions  
7 of the United States to natural disasters and extreme  
8 weather by promoting the resilience of surface transpor-  
9 tation infrastructure and infrastructure dependent on sur-  
10 face transportation.

11           “(c) ELIGIBILITY.—An entity eligible to be des-  
12 igned as a Center of Excellence is—

13                   “(1) an institution of higher education (as de-  
14 fined in section 102 of the Higher Education Act of  
15 1965 (20 U.S.C. 1002)); or

16                   “(2) a consortium of nonprofit organizations led  
17 by an institution of higher education.

18           “(d) APPLICATION.—To be eligible to be designated  
19 as a Center of Excellence, an eligible entity shall submit  
20 to the Secretary an application at such time, in such man-  
21 ner, and containing such information as the Secretary may  
22 require, including a proposal that includes a description  
23 of the activities to be carried out with a grant under this  
24 section.

25           “(e) SELECTION.—

1           “(1) REGIONAL CENTERS OF EXCELLENCE.—  
2           The Secretary shall designate 1 regional Center of  
3           Excellence in each of the 10 Federal regions that  
4           comprise the Standard Federal Regions established  
5           by the Office of Management and Budget in the doc-  
6           ument entitled ‘Standard Federal Regions’ and  
7           dated April 1974 (circular A-105).

8           “(2) NATIONAL CENTER OF EXCELLENCE.—  
9           The Secretary shall designate 1 national Center of  
10          Excellence to coordinate the activities of all 10 re-  
11          gional Centers of Excellence to minimize duplication  
12          and promote coordination and dissemination of re-  
13          search among the Centers.

14          “(3) CRITERIA.—In selecting eligible entities to  
15          designate as a Center of Excellence, the Secretary  
16          shall consider—

17                 “(A) the past experience and performance  
18                 of the eligible entity in carrying out activities  
19                 described in subsection (g);

20                 “(B) the merits of the proposal of an eligi-  
21                 ble entity and the extent to which the proposal  
22                 would—

23                         “(i) advance the state of practice in  
24                         resilience planning and identify innovative



1 resilience solutions for transportation as-  
2 sets and systems;

3 “(ii) support activities carried out  
4 under the PROTECT program under sec-  
5 tion 176;

6 “(iii) support and build on work being  
7 carried out by another Federal agency re-  
8 lating to resilience;

9 “(iv) inform transportation decision-  
10 making at all levels of government;

11 “(v) engage local, regional, Tribal,  
12 State, and national stakeholders, including,  
13 if applicable, stakeholders representing  
14 transportation, transit, urban, and land  
15 use planning, natural resources, environ-  
16 mental protection, hazard mitigation, and  
17 emergency management; and

18 “(vi) engage community groups and  
19 other stakeholders that will be affected by  
20 transportation decisions, including under-  
21 served, economically disadvantaged, rural,  
22 and predominantly minority communities;  
23 and

1                   “(C) the local, regional, Tribal, State, and  
2                   national impacts of the proposal of the eligible  
3                   entity.

4                   “(f) GRANTS.—Subject to the availability of appro-  
5                   priations, the Secretary shall provide to each Center of  
6                   Excellence a grant of not less than \$5,000,000 for each  
7                   of fiscal years 2022 through 2031 to carry out the activi-  
8                   ties described in subsection (g).

9                   “(g) ACTIVITIES.—In carrying out this section, the  
10                  Secretary shall ensure that a Center of Excellence uses  
11                  the funds from a grant under subsection (f) to promote  
12                  resilient transportation infrastructure, including  
13                  through—

14                  “(1) supporting climate vulnerability assess-  
15                  ments informed by climate change science, including  
16                  national climate assessments produced by the United  
17                  States Global Change Research Program under sec-  
18                  tion 106 of the Global Change Research Act of 1990  
19                  (15 U.S.C. 2936), relevant feasibility analyses of re-  
20                  silient transportation improvements, and transpor-  
21                  tation resilience planning;

22                  “(2) development of new design, operations,  
23                  and maintenance standards for transportation infra-  
24                  structure that can inform Federal and State deci-  
25                  sionmaking;

1           “(3) research and development of new materials  
2           and technologies that could be integrated into exist-  
3           ing and new transportation infrastructure;

4           “(4) development, refinement, and piloting of  
5           new and emerging resilience improvements and  
6           strategies, including natural infrastructure ap-  
7           proaches and relocation;

8           “(5) development of and investment in new ap-  
9           proaches for facilitating meaningful engagement in  
10          transportation decisionmaking by local, Tribal, re-  
11          gional, or national stakeholders and communities;

12          “(6) technical capacity building to facilitate the  
13          ability of local, regional, Tribal, State, and national  
14          stakeholders—

15                 “(A) to assess the vulnerability of trans-  
16                 portation infrastructure assets and systems;

17                 “(B) to develop community response strat-  
18                 egies;

19                 “(C) to meaningfully engage with commu-  
20                 nity stakeholders; and

21                 “(D) to develop strategies and improve-  
22                 ments for enhancing transportation infrastruc-  
23                 ture resilience under current conditions and a  
24                 range of potential future conditions;

25          “(7) workforce development and training;

1           “(8) development and dissemination of data,  
2           tools, techniques, assessments, and information that  
3           informs Federal, State, Tribal, and local government  
4           decisionmaking, policies, planning, and investments;

5           “(9) education and outreach regarding trans-  
6           portation infrastructure resilience; and

7           “(10) technology transfer and commercializa-  
8           tion.

9           “(h) FEDERAL SHARE.—The Federal share of the  
10          cost of an activity under this section, including the costs  
11          of establishing and operating a Center of Excellence, shall  
12          be 50 percent.”.

13          (b) CLERICAL AMENDMENT.—The analysis for chap-  
14          ter 5 of title 23, United States Code, is amended by add-  
15          ing at the end the following:

          “520. Transportation Resilience and Adaptation Centers of Excellence.”.

16          **SEC. 3010. TRANSPORTATION ACCESS PILOT PROGRAM.**

17          (a) DEFINITIONS.—In this section:

18                 (1) METROPOLITAN PLANNING ORGANIZA-  
19                 TION.—The term “metropolitan planning organiza-  
20                 tion” has the meaning given the term in section  
21                 134(b) of title 23, United States Code.

22                 (2) STATE.—The term “State” has the mean-  
23                 ing given the term in section 101(a) of title 23,  
24                 United States Code.

1           (3) SURFACE TRANSPORTATION MODES.—The  
2           term “surface transportation modes” means—

3                   (A) driving;

4                   (B) public transportation;

5                   (C) walking;

6                   (D) cycling; and

7                   (E) a combination of any of the modes of  
8           transportation described in subparagraphs (A)  
9           through (D).

10           (4) PILOT PROGRAM.—The term “pilot pro-  
11           gram” means the transportation pilot program es-  
12           tablished under subsection (b).

13           (5) REGIONAL TRANSPORTATION PLANNING OR-  
14           GANIZATION.—The term “regional transportation  
15           planning organization” has the meaning given the  
16           term in section 134(b) of title 23, United States  
17           Code.

18           (b) ESTABLISHMENT.—Not later than 1 year after  
19           the date of enactment of this Act, the Secretary shall es-  
20           tablish a transportation pilot program.

21           (c) PURPOSE.—The purpose of the pilot program is  
22           to develop or procure an accessibility data set and make  
23           that data set available to each eligible entity selected to  
24           participate in the pilot program—

1           (1) to improve the transportation planning of  
2 those eligible entities by—

3           (A) measuring the level of access by sur-  
4 face transportation modes to important destina-  
5 tions, which may include—

6                   (i) jobs;

7                   (ii) health care facilities;

8                   (iii) child care services;

9                   (iv) educational and workforce train-  
10 ing facilities;

11                   (v) housing;

12                   (vi) food sources;

13                   (vii) points within the supply chain for  
14 freight commodities;

15                   (viii) domestic or international mar-  
16 kets; and

17                   (ix) connections between surface  
18 transportation modes; and

19           (B) disaggregating the level of access by  
20 surface transportation modes by a variety of—

21                   (i) population categories, which may  
22 include—

23                           (I) low-income populations;

24                           (II) minority populations;

25                           (III) age;

- 1 (IV) disability; and  
2 (V) geographical location; or  
3 (ii) freight commodities, which may  
4 include—  
5 (I) agricultural commodities;  
6 (II) raw materials;  
7 (III) finished products; and  
8 (IV) energy commodities; and

9 (2) to assess the change in accessibility that  
10 would result from new transportation investments.

11 (d) **ELIGIBLE ENTITIES.**—An entity eligible to par-  
12 ticipate in the pilot program is—

- 13 (1) a State;  
14 (2) a metropolitan planning organization; or  
15 (3) a regional transportation planning organiza-  
16 tion.

17 (e) **APPLICATION.**—To be eligible to participate in  
18 the pilot program, an eligible entity shall submit to the  
19 Secretary an application at such time, in such manner,  
20 and containing such information as the Secretary may re-  
21 quire, including information relating to—

- 22 (1) previous experience of the eligible entity  
23 measuring transportation access or other perform-  
24 ance management experience, if applicable;

1           (2) the types of important destinations to which  
2           the eligible entity intends to measure access;

3           (3) the types of data disaggregation the eligible  
4           entity intends to pursue;

5           (4) a general description of the methodology the  
6           eligible entity intends to apply; and

7           (5) if the applicant does not intend the pilot  
8           program to apply to the full area under the jurisdic-  
9           tion of the applicant, a description of the geographic  
10          area in which the applicant intends the pilot pro-  
11          gram to apply.

12          (f) SELECTION.—

13           (1) IN GENERAL.—The Secretary shall seek to  
14           achieve diversity of participants in the pilot program  
15           by selecting a range of eligible entities that shall in-  
16           clude—

17                   (A) States;

18                   (B) metropolitan planning organizations  
19                   that serve an area with a population of 200,000  
20                   people or fewer;

21                   (C) metropolitan planning organizations  
22                   that serve an area with a population of over  
23                   200,000 people; and

24                   (D) regional transportation planning orga-  
25                   nizations.



1           (2) INCLUSIONS.—The Secretary shall seek to  
2           ensure that, among the eligible entities selected  
3           under paragraph (1), there is—

4                   (A) a range of capacity and previous expe-  
5                   rience with measuring transportation access;  
6                   and

7                   (B) a variety of proposed methodologies  
8                   and focus areas for measuring level of access.

9           (g) DUTIES.—For each eligible entity participating in  
10          the pilot program, the Secretary shall—

11                   (1) develop or acquire an accessibility data set  
12                   described in subsection (c); and

13                   (2) submit the data set to the eligible entity.

14          (h) METHODOLOGY.—In calculating the measures for  
15          the data set under the pilot program, the Secretary shall  
16          ensure that methodology is open source.

17          (i) AVAILABILITY.—The Secretary shall make an ac-  
18          cessibility data set under the pilot program available to—

19                   (1) units of local government within the juris-  
20                   diction of the eligible entity participating in the pilot  
21                   program; and

22                   (2) researchers.

23          (j) REPORT.—Not later than 2 years after the date  
24          of enactment of this Act, and every 2 years thereafter,  
25          the Secretary shall submit to the Committee on Environ-

1 ment and Public Works of the Senate and the Committee  
2 on Transportation and Infrastructure of the House of  
3 Representatives a report on the results of the pilot pro-  
4 gram, including the feasibility of developing and providing  
5 periodic accessibility data sets for all States, regions, and  
6 localities.

7 (k) TRANSPORTATION SYSTEM ACCESS.—

8 (1) IN GENERAL.—The Secretary shall establish  
9 consistent measures that States, metropolitan plan-  
10 ning organizations, and regional transportation plan-  
11 ning organizations may choose to adopt to assess the  
12 level of safe and convenient access by surface trans-  
13 portation modes to important destinations as de-  
14 scribed in subsection (c)(1)(A).

15 (2) SAVINGS PROVISION.—Nothing in this sec-  
16 tion provides the Secretary the authority—

17 (A) to establish a performance measure or  
18 require States or metropolitan planning organi-  
19 zations to set a performance target for access  
20 as described in paragraph (1); or

21 (B) to establish any other Federal require-  
22 ment.

23 (l) FUNDING.—The Secretary shall carry out the  
24 pilot program using amounts made available to the Sec-

1   retary for administrative expenses to carry out programs  
2   under the authority of the Secretary.

3       (m) SUNSET.—The pilot program shall terminate on  
4   the date that is 8 years after the date on which the pilot  
5   program is implemented.

## 6       **TITLE IV—INDIAN AFFAIRS**

### 7   **SEC. 4001. DEFINITION OF SECRETARY.**

8       In this title, the term “Secretary” means the Sec-  
9   retary of the Interior.

### 10   **SEC. 4002. ENVIRONMENTAL REVIEWS FOR CERTAIN TRIB-** 11                   **AL TRANSPORTATION FACILITIES.**

12       (a) DEFINITION OF TRIBAL TRANSPORTATION SAFE-  
13   TY PROJECT.—

14           (1) IN GENERAL.—In this section, the term  
15   “tribal transportation safety project” means a  
16   project described in paragraph (2) that is eligible for  
17   funding under section 202 of title 23, United States  
18   Code.

19           (2) PROJECT DESCRIBED.—A project described  
20   in this paragraph is a project that corrects or im-  
21   proves a hazardous road location or feature or ad-  
22   dresses a highway safety problem through 1 or more  
23   of the activities described in any of the clauses  
24   under section 148(a)(4)(B) of title 23, United States  
25   Code.

1 (b) REVIEWS OF TRIBAL TRANSPORTATION SAFETY  
2 PROJECTS.—

3 (1) IN GENERAL.—The Secretary or the Sec-  
4 retary of Transportation, as applicable, or the head  
5 of another Federal agency responsible for a decision  
6 related to a tribal transportation safety project shall  
7 complete any approval or decision for the review of  
8 the tribal transportation safety project required  
9 under the National Environmental Policy Act of  
10 1969 (42 U.S.C. 4321 et seq.) or any other applica-  
11 ble Federal law on an expeditious basis using the  
12 shortest existing applicable process.

13 (2) REVIEW OF APPLICATIONS.—Not later than  
14 45 days after the date of receipt of a complete appli-  
15 cation by an Indian tribe for approval of a tribal  
16 transportation safety project, the Secretary or the  
17 Secretary of Transportation, as applicable, shall—

18 (A) take final action on the application; or

19 (B) provide the Indian tribe a schedule for  
20 completion of the review described in paragraph  
21 (1), including the identification of any other  
22 Federal agency that has jurisdiction with re-  
23 spect to the project.

24 (3) DECISIONS UNDER OTHER FEDERAL  
25 LAWS.—In any case in which a decision under any

1 other Federal law relating to a tribal transportation  
2 safety project (including the issuance or denial of a  
3 permit or license) is required, not later than 45 days  
4 after the Secretary or the Secretary of Transpor-  
5 tation, as applicable, has made all decisions of the  
6 lead agency under the National Environmental Pol-  
7 icy Act of 1969 (42 U.S.C. 4321 et seq.) with re-  
8 spect to the project, the head of the Federal agency  
9 responsible for the decision shall—

10 (A) make the applicable decision; or

11 (B) provide the Indian tribe a schedule for  
12 making the decision.

13 (4) EXTENSIONS.—The Secretary or the Sec-  
14 retary of Transportation, as applicable, or the head  
15 of the Federal agency may extend the period under  
16 paragraph (2) or (3), as applicable, by an additional  
17 30 days by providing the Indian tribe notice of the  
18 extension, including a statement of the need for the  
19 extension.

20 (5) NOTIFICATION AND EXPLANATION.—In any  
21 case in which a required action is not completed by  
22 the deadline under paragraph (2), (3), or (4), as ap-  
23 plicable, the Secretary, the Secretary of Transpor-  
24 tation, or the head of a Federal agency, as applica-  
25 ble, shall—

1 (A) notify the Committees on Indian Af-  
2 fairs and Environment and Public Works of the  
3 Senate and the Committee on Natural Re-  
4 sources of the House of Representatives of the  
5 failure to comply with the deadline; and

6 (B) provide to the Committees described in  
7 subparagraph (A) a detailed explanation of the  
8 reasons for the failure to comply with the dead-  
9 line.

10 **SEC. 4003. PROGRAMMATIC AGREEMENTS FOR TRIBAL**  
11 **CATEGORICAL EXCLUSIONS.**

12 (a) IN GENERAL.—The Secretary and the Secretary  
13 of Transportation shall enter into programmatic agree-  
14 ments with Indian tribes that establish efficient adminis-  
15 trative procedures for carrying out environmental reviews  
16 for projects eligible for assistance under section 202 of  
17 title 23, United States Code.

18 (b) INCLUSIONS.—A programmatic agreement under  
19 subsection (a)—

20 (1) may include an agreement that allows an  
21 Indian tribe to determine, on behalf of the Secretary  
22 and the Secretary of Transportation, whether a  
23 project is categorically excluded from the prepara-  
24 tion of an environmental assessment or environ-  
25 mental impact statement under the National Envi-

1       ronmental Policy Act of 1969 (42 U.S.C. 4321 et  
2       seq.); and

3             (2) shall—

4                 (A) require that the Indian tribe maintain  
5                 adequate capability in terms of personnel and  
6                 other resources to carry out applicable agency  
7                 responsibilities pursuant to section 1507.2 of  
8                 title 40, Code of Federal Regulations (or suc-  
9                 cessor regulations);

10                (B) set forth the responsibilities of the In-  
11                dian tribe for making categorical exclusion de-  
12                terminations, documenting the determinations,  
13                and achieving acceptable quality control and  
14                quality assurance;

15                (C) allow—

16                         (i) the Secretary and the Secretary of  
17                         Transportation to monitor compliance of  
18                         the Indian tribe with the terms of the  
19                         agreement; and

20                         (ii) the Indian tribe to execute any  
21                         needed corrective action;

22                 (D) contain stipulations for amendments,  
23                 termination, and public availability of the agree-  
24                 ment once the agreement has been executed;  
25                 and

1 (E) have a term of not more than 5 years,  
2 with an option for renewal based on a review by  
3 the Secretary and the Secretary of Transpor-  
4 tation of the performance of the Indian tribe.

5 **SEC. 4004. USE OF CERTAIN TRIBAL TRANSPORTATION**  
6 **FUNDS.**

7 Section 202(d) of title 23, United States Code, is  
8 amended by striking paragraph (2) and inserting the fol-  
9 lowing:

10 “(2) USE OF FUNDS.—Funds made available to  
11 carry out this subsection shall be used—

12 “(A) to carry out any planning, design, en-  
13 gineering, preconstruction, construction, and in-  
14 spection of new or replacement tribal transpor-  
15 tation facility bridges;

16 “(B) to replace, rehabilitate, seismically  
17 retrofit, paint, apply calcium magnesium ace-  
18 tate, sodium acetate/formate, or other environ-  
19 mentally acceptable, minimally corrosive anti-  
20 icing and deicing composition; or

21 “(C) to implement any countermeasure for  
22 tribal transportation facility bridges classified  
23 as in poor condition, having a low load capacity,  
24 or needing geometric improvements, including  
25 multiple-pipe culverts.”.



1 **SEC. 4005. BUREAU OF INDIAN AFFAIRS ROAD MAINTENANCE PROGRAM.**  
2

3 There are authorized to be appropriated to the Director of the Bureau of Indian Affairs to carry out the road  
4 maintenance program of the Bureau—

6 (1) \$50,000,000 for fiscal year 2022;

7 (2) \$52,000,000 for fiscal year 2023;

8 (3) \$54,000,000 for fiscal year 2024;

9 (4) \$56,000,000 for fiscal year 2025; and

10 (5) \$58,000,000 for fiscal year 2026.

11 **SEC. 4006. STUDY OF ROAD MAINTENANCE ON INDIAN LAND.**  
12

13 (a) DEFINITIONS.—In this section:

14 (1) INDIAN LAND.—The term “Indian land”  
15 has the meaning given the term “Indian lands” in  
16 section 3 of the Native American Business Development, Trade Promotion, and Tourism Act of 2000  
17 (25 U.S.C. 4302).

19 (2) INDIAN TRIBE.—The term “Indian tribe”  
20 has the meaning given the term in section 4 of the  
21 Indian Self-Determination and Education Assistance  
22 Act (25 U.S.C. 5304).

23 (3) ROAD.—The term “road” means a road  
24 managed in whole or in part by the Bureau of Indian  
25 Affairs.

1           (4) SECRETARY.—The term “Secretary” means  
2           the Secretary, acting through the Assistant Sec-  
3           retary for Indian Affairs.

4           (b) STUDY.—Not later than 2 years after the date  
5           of enactment of this Act, the Secretary, in consultation  
6           with the Secretary of Transportation, shall carry out a  
7           study to evaluate—

8           (1) the long-term viability and useful life of ex-  
9           isting roads on Indian land;

10          (2) any steps necessary to achieve the goal of  
11          addressing the deferred maintenance backlog of ex-  
12          isting roads on Indian land;

13          (3) programmatic reforms and performance en-  
14          hancements necessary to achieve the goal of restruc-  
15          turing and streamlining road maintenance programs  
16          on existing or future roads located on Indian land;  
17          and

18          (4) recommendations on how to implement ef-  
19          forts to coordinate with States, counties, municipali-  
20          ties, and other units of local government to maintain  
21          roads on Indian land.

22          (c) TRIBAL CONSULTATION AND INPUT.—Before be-  
23          ginning the study under subsection (b), the Secretary  
24          shall—

1           (1) consult with any Indian tribes that have ju-  
2           risdiction over roads eligible for funding under the  
3           road maintenance program of the Bureau of Indian  
4           Affairs; and

5           (2) solicit and consider the input, comments,  
6           and recommendations of the Indian tribes described  
7           in paragraph (1).

8           (d) REPORT.—On completion of the study under sub-  
9           section (b), the Secretary, in consultation with the Sec-  
10          retary of Transportation, shall submit to the Committees  
11          on Indian Affairs and Environment and Public Works of  
12          the Senate and the Committees on Natural Resources and  
13          Transportation and Infrastructure of the House of Rep-  
14          resentatives a report on the results and findings of the  
15          study.

16          (e) STATUS REPORT.—Not later than 2 years after  
17          the date of enactment of this Act, and not less frequently  
18          than every 2 years thereafter, the Secretary, in consulta-  
19          tion with the Secretary of Transportation, shall submit to  
20          the Committees on Indian Affairs and Environment and  
21          Public Works of the Senate and the Committees on Nat-  
22          ural Resources and Transportation and Infrastructure of  
23          the House of Representatives a report that includes a de-  
24          scription of—

1 (1) the progress made toward addressing the  
2 deferred maintenance needs of the roads on Indian  
3 land, including a list of projects funded during the  
4 fiscal period covered by the report;

5 (2) the outstanding needs of the roads that  
6 have been provided funding to address the deferred  
7 maintenance needs;

8 (3) the remaining needs of any of the projects  
9 referred to in paragraph (1);

10 (4) how the goals described in subsection (b)  
11 have been met, including—

12 (A) an identification and assessment of  
13 any deficiencies or shortfalls in meeting the  
14 goals; and

15 (B) a plan to address the deficiencies or  
16 shortfalls in meeting the goals; and

17 (5) any other issues or recommendations pro-  
18 vided by an Indian tribe under the consultation and  
19 input process under subsection (c) that the Sec-  
20 retary determines to be appropriate.

21 **SEC. 4007. MAINTENANCE OF CERTAIN INDIAN RESERVA-**  
22 **TION ROADS.**

23 The Commissioner of U.S. Customs and Border Pro-  
24 tection may transfer funds to the Director of the Bureau  
25 of Indian Affairs to maintain, repair, or reconstruct roads

1 under the jurisdiction of the Director, subject to the condi-  
2 tion that the Commissioner and the Director shall mutu-  
3 ally agree that the primary user of the subject road is U.S.  
4 Customs and Border Protection.

5 **SEC. 4008. TRIBAL TRANSPORTATION SAFETY NEEDS.**

6 (a) DEFINITIONS.—In this section:

7 (1) ALASKA NATIVE.—The term “Alaska Na-  
8 tive” has the meaning given the term “Native” in  
9 section 3 of the Alaska Native Claims Settlement  
10 Act (43 U.S.C. 1602).

11 (2) ALASKA NATIVE VILLAGE.—The term  
12 “Alaska Native village” has the meaning given the  
13 term “Native village” in section 3 of the Alaska Na-  
14 tive Claims Settlement Act (43 U.S.C. 1602).

15 (3) INDIAN TRIBE.—The term “Indian tribe”  
16 has the meaning given the term in section 4 of the  
17 Indian Self-Determination and Education Assistance  
18 Act (25 U.S.C. 5304).

19 (b) BEST PRACTICES, STANDARDIZED CRASH RE-  
20 PORT FORM.—

21 (1) IN GENERAL.—Not later than 1 year after  
22 the date of enactment of this Act, the Secretary of  
23 Transportation, in consultation with the Secretary,  
24 Indian tribes, Alaska Native villages, and State de-  
25 partments of transportation shall develop—

1 (A) best practices for the compiling, anal-  
2 ysis, and sharing of motor vehicle crash data  
3 for crashes occurring on Indian reservations  
4 and in Alaska Native communities; and

5 (B) a standardized form for use by Indian  
6 tribes and Alaska Native communities to carry  
7 out those best practices.

8 (2) PURPOSE.—The purpose of the best prac-  
9 tices and standardized form developed under para-  
10 graph (1) shall be to improve the quality and quan-  
11 tity of crash data available to and used by the Fed-  
12 eral Highway Administration, State departments of  
13 transportation, Indian tribes, and Alaska Native vil-  
14 lages.

15 (3) REPORT.—On completion of the develop-  
16 ment of the best practices and standardized form  
17 under paragraph (1), the Secretary of Transpor-  
18 tation shall submit to the Committees on Indian Af-  
19 fairs and Environment and Public Works of the Sen-  
20 ate and the Committees on Natural Resources and  
21 Transportation and Infrastructure of the House of  
22 Representatives a report describing the best prac-  
23 tices and standardized form.

24 (c) USE OF IMARS.—The Director of the Bureau of  
25 Indian Affairs shall require all law enforcement offices of

1 the Bureau, for the purpose of reporting motor vehicle  
2 crash data for crashes occurring on Indian reservations  
3 and in Alaska Native communities—

4 (1) to use the crash report form of the applica-  
5 ble State; and

6 (2) to upload the information on that form to  
7 the Incident Management Analysis and Reporting  
8 System (IMARS) of the Department of the Interior.

9 (d) TRIBAL TRANSPORTATION PROGRAM SAFETY  
10 FUNDING.—Section 202(e)(1) of title 23, United States  
11 Code, is amended by striking “2 percent” and inserting  
12 “4 percent”.

13 **SEC. 4009. OFFICE OF TRIBAL GOVERNMENT AFFAIRS.**

14 Section 102 of title 49, United States Code, is  
15 amended—

16 (1) in subsection (e)(1)—

17 (A) in the matter preceding subparagraph  
18 (A), by striking “6 Assistant” and inserting “7  
19 Assistant”;

20 (B) in subparagraph (C), by striking  
21 “and” after the semicolon;

22 (C) by redesignating subparagraph (D) as  
23 subparagraph (E); and

24 (D) by inserting after subparagraph (C)  
25 the following:

1           “(D) an Assistant Secretary for Tribal  
2           Government Affairs, who shall be appointed by  
3           the President; and”;

4           (2) in subsection (f), by striking the subsection  
5           designation and heading and all that follows through  
6           the end of paragraph (1) and inserting the following:

7           “(f) OFFICE OF TRIBAL GOVERNMENT AFFAIRS.—

8           “(1) ESTABLISHMENT.—There is established in  
9           the Department an Office of Tribal Government Af-  
10          fairs, under the Assistant Secretary for Tribal Gov-  
11          ernment Affairs—

12           “(A) to oversee the tribal self-governance  
13           program under section 207 of title 23;

14           “(B) to plan, coordinate, and implement  
15           policies and programs serving Indian Tribes  
16           and Tribal organizations;

17           “(C) to coordinate Tribal transportation  
18           programs and activities in all offices and ad-  
19           ministrations of the Department; and

20           “(D) to be a participant in any negotiated  
21           rulemakings relating to, or having an impact  
22           on, projects, programs, or funding associated  
23           with the Tribal transportation program under  
24           section 202 of title 23.”.



# TITLE V—PUBLIC TRANSPORTATION

## 3 SEC. 5001. DEFINITIONS.

4 (a) IN GENERAL.—Section 5302 of title 49, United  
5 States Code, is amended—

6 (1) by redesignating paragraphs (1) through  
7 (24) as paragraphs (2), (3), (4), (5), (6), (7), (8),  
8 (9), (10), (11), (12), (13), (14), (15), (16), (17),  
9 (18), (19), (20), (21), (22), (23), (24), and (25), re-  
10 spectively; and

11 (2) by inserting before paragraph (2) (as so re-  
12 designated) the following:

13 “(1) ASSAULT ON A TRANSIT WORKER.—The  
14 term ‘assault on a transit worker’ means a cir-  
15 cumstance in which an individual knowingly, without  
16 lawful authority or permission, and with intent to  
17 endanger the safety of any individual, or with a  
18 reckless disregard for the safety of human life, inter-  
19 feres with, disables, or incapacitates a transit worker  
20 while the transit worker is performing the duties of  
21 the transit worker.”; and

22 (3) in subparagraph (G) of paragraph (4) (as  
23 so redesignated)—

24 (A) in clause (iii), by inserting “and, in the  
25 case of technology to fuel a zero-emission vehi-

1           cle, a recipient of assistance under this chapter  
2           shall receive recoverable construction, mainte-  
3           nance, and operations costs associated with that  
4           project” after “public transportation”; and

5                   (B) in clause (v)—

6                           (i) in subclause (XIII), by striking  
7                           “and” at the end;

8                           (ii) in subclause (XIV), by adding  
9                           “and” after the semicolon; and

10                           (iii) by adding at the end the fol-  
11                           lowing:

12                                   “(XV) technology to fuel a zero-  
13                                   emission vehicle;”.

14           (b) CONFORMING AMENDMENTS.—

15                   (1) Section 601(a)(12)(E) of title 23, United  
16                   States Code, is amended by striking “section  
17                   5302(3)(G)(v)” and inserting “section  
18                   5302(4)(G)(v)”.

19                   (2) Section 5323(e)(3) of title 49, United  
20                   States Code, is amended by striking “section  
21                   5302(3)(J)” and inserting “section 5302(4)(J)”.

22                   (3) Section 5336(e) of title 49, United States  
23                   Code, is amended by striking “, as defined in section  
24                   5302(4)”.

1 (4) Section 28501(4) of title 49, United States  
2 Code, is amended by amended by striking “section  
3 5302(a)(6)” and inserting “section 5302”.

4 **SEC. 5002. METROPOLITAN TRANSPORTATION PLANNING.**

5 (a) IN GENERAL.—Section 5303 of title 49, United  
6 States Code, is amended—

7 (1) in subsection (a)(1), by inserting “and bet-  
8 ter connect housing and employment” after “urban-  
9 ized areas”;

10 (2) in subsection (g)(3)(A), by inserting “hous-  
11 ing,” after “economic development,”;

12 (3) in subsection (h)(1)(E), by inserting “,  
13 housing,” after “growth”;

14 (4) in subsection (i)—

15 (A) in paragraph (4)(B)—

16 (i) by redesignating clauses (iii)  
17 through (vi) as clauses (iv) through (vii),  
18 respectively; and

19 (ii) by inserting after clause (ii) the  
20 following:

21 “(iii) assumed distribution of popu-  
22 lation and housing;” and

23 (B) in paragraph (6)(A), by inserting “af-  
24 fordable housing organizations,” after “dis-  
25 abled,”; and

1 (5) in subsection (k)—

2 (A) by redesignating paragraphs (4) and  
3 (5) as paragraphs (5) and (6), respectively; and

4 (B) by inserting after paragraph (3) the  
5 following:

6 “(4) HOUSING COORDINATION PROCESS.—

7 “(A) IN GENERAL.—Within a metropolitan  
8 planning area serving a transportation manage-  
9 ment area, the transportation planning process  
10 under this section may address the integration  
11 of housing, transportation, and economic devel-  
12 opment strategies through a process that pro-  
13 vides for effective integration, based on a coop-  
14 eratively developed and implemented strategy,  
15 of new and existing transportation facilities eli-  
16 gible for funding under this chapter and title  
17 23.

18 “(B) COORDINATION IN INTEGRATED  
19 PLANNING PROCESS.—In carrying out the proc-  
20 ess described in subparagraph (A), a metropoli-  
21 tan planning organization may—

22 “(i) consult with—

23 “(I) State and local entities re-  
24 sponsible for land use, economic devel-  
25 opment, housing, management of road

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1 networks, or public transportation;  
2 and

3 “(II) other appropriate public or  
4 private entities; and

5 “(ii) coordinate, to the extent prac-  
6 ticable, with applicable State and local en-  
7 tities to align the goals of the process with  
8 the goals of any comprehensive housing af-  
9 fordability strategies established within the  
10 metropolitan planning area pursuant to  
11 section 105 of the Cranston-Gonzalez Na-  
12 tional Affordable Housing Act (42 U.S.C.  
13 12705) and plans developed under section  
14 5A of the United States Housing Act of  
15 1937 (42 U.S.C. 1437c-1).

16 “(C) HOUSING COORDINATION PLAN.—

17 “(i) IN GENERAL.—A metropolitan  
18 planning organization serving a transpor-  
19 tation management area may develop a  
20 housing coordination plan that includes  
21 projects and strategies that may be consid-  
22 ered in the metropolitan transportation  
23 plan of the metropolitan planning organi-  
24 zation.

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1                   “(ii) CONTENTS.—A plan described in  
2 clause (i) may—

3                   “(I) develop regional goals for  
4 the integration of housing, transpor-  
5 tation, and economic development  
6 strategies to—

7                   “(aa) better connect housing  
8 and employment while mitigating  
9 commuting times;

10                  “(bb) align transportation  
11 improvements with housing  
12 needs, such as housing supply  
13 shortages, and proposed housing  
14 development;

15                  “(cc) align planning for  
16 housing and transportation to ad-  
17 dress needs in relationship to  
18 household incomes within the  
19 metropolitan planning area;

20                  “(dd) expand housing and  
21 economic development within the  
22 catchment areas of existing  
23 transportation facilities and pub-  
24 lic transportation services when  
25 appropriate, including higher-

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1 density development, as locally  
2 determined;

3 “(ee) manage effects of  
4 growth of vehicle miles traveled  
5 experienced in the metropolitan  
6 planning area related to housing  
7 development and economic devel-  
8 opment;

9 “(ff) increase share of  
10 households with sufficient and af-  
11 fordable access to the transpor-  
12 tation networks of the metropoli-  
13 tan planning area;

14 “(II) identify the location of ex-  
15 isting and planned housing and em-  
16 ployment, and transportation options  
17 that connect housing and employment;  
18 and

19 “(III) include a comparison of  
20 transportation plans to land use man-  
21 agement plans, including zoning  
22 plans, that may affect road use, public  
23 transportation ridership and housing  
24 development.”.

1 (b) ADDITIONAL CONSIDERATION AND COORDINA-  
2 TION.—Section 5303 of title 49, United States Code, is  
3 amended—

4 (1) in subsection (d)—

5 (A) in paragraph (3), by adding at the end  
6 the following:

7 “(D) CONSIDERATIONS.—In designating  
8 officials or representatives under paragraph (2)  
9 for the first time, subject to the bylaws or ena-  
10 bling statute of the metropolitan planning orga-  
11 nization, the metropolitan planning organization  
12 shall consider the equitable and proportional  
13 representation of the population of the metro-  
14 politan planning area.”; and

15 (B) in paragraph (7)—

16 (i) by striking “an existing metropoli-  
17 tan planning area” and inserting “an ex-  
18 isting urbanized area (as defined by the  
19 Bureau of the Census)”; and

20 (ii) by striking “the existing metro-  
21 politan planning area” and inserting “the  
22 area”;

23 (2) in subsection (g)—

24 (A) in paragraph (1), by striking “a met-  
25 ropolitan area” and inserting “an urbanized



1 area (as defined by the Bureau of the Census)”;  
2 and

3 (B) by adding at the end the following:

4 “(4) COORDINATION BETWEEN MPOS.—If more  
5 than 1 metropolitan planning organization is des-  
6 ignated within an urbanized area (as defined by the  
7 Bureau of the Census) under subsection (d)(7), the  
8 metropolitan planning organizations designated with-  
9 in the area shall ensure, to the maximum extent  
10 practicable, the consistency of any data used in the  
11 planning process, including information used in fore-  
12 casting travel demand.

13 “(5) SAVINGS CLAUSE.—Nothing in this sub-  
14 section requires metropolitan planning organizations  
15 designated within a single urbanized area to jointly  
16 develop planning documents, including a unified  
17 long-range transportation plan or unified TIP.”;

18 (3) in subsection (i)(6), by adding at the end  
19 the following:

20 “(D) USE OF TECHNOLOGY.—A metropoli-  
21 tan planning organization may use social media  
22 and other web-based tools—

23 “(i) to further encourage public par-  
24 ticipation; and

1                   “(ii) to solicit public feedback during  
2                   the transportation planning process.”; and  
3                   (4) in subsection (p), by striking “section  
4                   104(b)(5)” and inserting “section 104(b)(6)”.

5 **SEC. 5003. STATEWIDE AND NONMETROPOLITAN TRANS-**  
6 **PORTATION PLANNING.**

7                   (a) **TECHNICAL AMENDMENTS.**—Section 5304 of  
8 title 49, United States Code, is amended—

9                   (1) in subsection (e), in the matter preceding  
10 paragraph (1), by striking the quotation marks be-  
11 fore “In”; and

12                   (2) in subsection (i), by striking “this this” and  
13 inserting “this”.

14                   (b) **USE OF TECHNOLOGY.**—Section 5304(f)(3) of  
15 title 49, United States Code, is amended by adding at the  
16 end the following:

17                   “(C) **USE OF TECHNOLOGY.**—A State may  
18 use social media and other web-based tools—

19                   “(i) to further encourage public par-  
20 ticipation; and

21                   “(ii) to solicit public feedback during  
22 the transportation planning process.”.

23 **SEC. 5004. PLANNING PROGRAMS.**

24                   Section 5305 of title 49, United States Code, is  
25 amended—

1 (1) in subsection (e)(1)(A), in the matter pre-  
2 ceding clause (i), by striking “this section and sec-  
3 tion” and inserting “this section and sections”; and

4 (2) by striking subsection (f) and inserting the  
5 following:

6 “(f) GOVERNMENT SHARE OF COSTS.—

7 “(1) IN GENERAL.—Except as provided in para-  
8 graph (2), the Government share of the cost of an  
9 activity funded using amounts made available under  
10 this section may not exceed 80 percent of the cost  
11 of the activity unless the Secretary determines that  
12 it is in the interests of the Government—

13 “(A) not to require a State or local match;

14 or

15 “(B) to allow a Government share greater  
16 than 80 percent.

17 “(2) CERTAIN ACTIVITIES.—

18 “(A) IN GENERAL.—The Government  
19 share of the cost of an activity funded using  
20 amounts made available under this section shall  
21 be not less than 90 percent for an activity that  
22 assists parts of an urbanized area or rural area  
23 with lower population density or lower average  
24 income levels compared to—

25 “(i) the applicable urbanized area;

1 “(ii) the applicable rural area;

2 “(iii) an adjoining urbanized area; or

3 “(iv) an adjoining rural area.

4 “(B) REPORT.—A State or metropolitan  
5 planning organization that carries out an activ-  
6 ity described in subparagraph (A) with an in-  
7 creased Government share described in that  
8 subparagraph shall report to the Secretary, in  
9 a form as determined by the Secretary, how the  
10 increased Government share for transportation  
11 planning activities benefits commuting and  
12 other essential travel in parts of the applicable  
13 urbanized area or rural area described in sub-  
14 paragraph (A) with lower population density or  
15 lower average income levels.”.

16 **SEC. 5005. FIXED GUIDEWAY CAPITAL INVESTMENT**  
17 **GRANTS.**

18 (a) IN GENERAL.—Section 5309 of title 49, United  
19 States Code, is amended—

20 (1) in subsection (a)—

21 (A) by striking paragraph (6);

22 (B) by redesignating paragraph (7) as  
23 paragraph (6); and

24 (C) in paragraph (6) (as so redesign-  
25 nated)—

1 (i) in subparagraph (A), by striking  
2 “\$100,000,000” and inserting  
3 “\$150,000,000”; and

4 (ii) in subparagraph (B), by striking  
5 “\$300,000,000” and inserting  
6 “\$400,000,000”;

7 (2) in subsection (c)(1)—

8 (A) in subparagraph (A), by striking  
9 “and” at the end;

10 (B) in subparagraph (B)(iii), by striking  
11 the period at the end and inserting “; and”;  
12 and

13 (C) by adding at the end the following:

14 “(C) the applicant has made progress to-  
15 ward meeting the performance targets in sec-  
16 tion 5326(c)(2).”;

17 (3) in subsection (e)(2)(A)(iii)(II), by striking  
18 “the next 5 years” and inserting “the next 10 years,  
19 without regard to any temporary measures employed  
20 by the applicant expected to increase short-term ca-  
21 pacity within the next 10 years”;

22 (4) in subsection (g)—

23 (A) in paragraph (3)(A), by striking “ex-  
24 ceed” and all that follows through “50 percent”  
25 and inserting “exceed 50 percent”;

1 (B) by redesignating paragraph (7) as  
2 paragraph (8); and

3 (C) by inserting after paragraph (6) the  
4 following:

5 “(7) PROJECT RE-ENTRY.—In carrying out rat-  
6 ings and evaluations under this subsection, the Sec-  
7 retary shall provide full and fair consideration to  
8 projects that seek an updated rating after a period  
9 of inactivity following an earlier rating and evalua-  
10 tion.”;

11 (5) in subsection (i), by striking paragraphs (1)  
12 through (8) and inserting the following:

13 “(1) FUTURE BUNDLING.—

14 “(A) DEFINITION.—In this paragraph, the  
15 term ‘future bundling request’ means a letter  
16 described in subparagraph (B) that requests fu-  
17 ture funding for additional projects.

18 “(B) REQUEST.—When an applicant sub-  
19 mits a letter to the Secretary requesting entry  
20 of a project into the project development phase  
21 under subsection (d)(1)(A)(i)(I), (e)(1)(A)(i)(I),  
22 or (h)(2)(A)(i)(I), the applicant may include a  
23 description of other projects for consideration  
24 for future funding under this section. An appli-  
25 cant shall include in the request the amount of

1 funding requested under this section for each  
2 additional project and the estimated capital cost  
3 of each project.

4 “(C) READINESS.—Other projects included  
5 in the request shall be ready to enter the  
6 project development phase under subsection  
7 (d)(1)(A), (e)(1)(A), or (h)(2)(A), within 5  
8 years of the initial project submitted as part of  
9 the request.

10 “(D) PLANNING.—Projects in the future  
11 bundling request shall be included in the metro-  
12 politan transportation plan in accordance with  
13 section 5303(i).

14 “(E) PROJECT SPONSOR.—The applicant  
15 that submits a future bundling request shall be  
16 the project sponsor for each project included in  
17 the request.

18 “(F) PROGRAM AND PROJECT SHARE.—A  
19 future bundling request submitted under this  
20 paragraph shall include a proposed share of  
21 each of the request’s projects that is consistent  
22 with the requirements of subsections  
23 (k)(2)(C)(ii) or (h)(7), as applicable.

24 “(G) BENEFITS.—The bundling of projects  
25 under this subsection—

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1 “(i) shall enhance, or increase the ca-  
2 pacity of—

3 “(I) the total transportation sys-  
4 tem of the applicant; or

5 “(II) the transportation system  
6 of the region the applicant serves  
7 (which, in the case of a State whose  
8 request addresses a single region,  
9 means that region); and

10 “(ii) shall—

11 “(I) streamline procurements for  
12 the applicant; or

13 “(II) enable time or cost savings  
14 for the projects.

15 “(H) EVALUATION.—Each project sub-  
16 mitted for consideration for funding in a future  
17 bundling request shall be subject to the applica-  
18 ble evaluation criteria under this section for the  
19 project type, including demonstrating the avail-  
20 ability of local resources to recapitalize, main-  
21 tain, and operate the overall existing and pro-  
22 posed public transportation system pursuant to  
23 subsection (f)(1)(C).

24 “(I) LETTER OF INTENT.—



1           “(i) IN GENERAL.—Upon entering  
2           into a grant agreement for the initial  
3           project for which an applicant submits a  
4           future bundling request, the Secretary may  
5           issue a letter of intent to the applicant  
6           that announces an intention to obligate,  
7           for 1 or more additional projects included  
8           in the request, an amount from future  
9           available budget authority specified in law  
10          that is not more than the amount stipu-  
11          lated as the financial participation of the  
12          Secretary in the additional project or  
13          projects in the future bundling. Such letter  
14          may include a condition that the project or  
15          projects must meet the evaluation criteria  
16          in this subsection before a grant agreement  
17          can be executed.

18          “(ii) AMOUNT.—The amount that the  
19          Secretary announces an intention to obli-  
20          gate for an additional project in the future  
21          bundling request through a letter of intent  
22          issued under clause (i) shall be sufficient  
23          to complete at least an operable segment of  
24          the project.

1                   “(iii) TREATMENT.—The issuance of  
2                   a letter of intent under clause (i) shall not  
3                   be deemed to be an obligation under sec-  
4                   tions 1108(c), 1501, and 1502(a) of title  
5                   31 or an administrative commitment.

6                   “(2) IMMEDIATE BUNDLING.—

7                   “(A) DEFINITION.—In this paragraph, the  
8                   term ‘immediate bundling request’ means a let-  
9                   ter described in subparagraph (B) that requests  
10                  immediate funding for multiple projects.

11                  “(B) REQUEST.—An applicant may submit  
12                  a letter to the Secretary requesting entry of  
13                  multiple projects into the project development  
14                  phase under subsection (d)(1)(A)(i)(I),  
15                  (e)(1)(A)(i)(I), or (h)(2)(A)(i)(I), for consider-  
16                  ation for funding under this section. An appli-  
17                  cant shall include in the request the amount of  
18                  funding requested under this section for each  
19                  additional project and the estimated capital cost  
20                  of each project.

21                  “(C) READINESS.—Projects included in  
22                  the request must be ready to enter the project  
23                  development phase under subsection (d)(1)(A),  
24                  (e)(1)(A), or (h)(2)(A) at the same time.

1           “(D) PLANNING.—Projects in the bundle  
2 shall be included in the metropolitan transpor-  
3 tation plan in accordance with section 5303(i).

4           “(E) PROJECT SPONSOR.—The applicant  
5 that submits an immediate bundling request  
6 shall be the project sponsor for each project in-  
7 cluded in the request.

8           “(F) PROGRAM AND PROJECT SHARE.—An  
9 immediate bundling request submitted under  
10 this subsection shall include a proposed share of  
11 each of the request’s projects that is consistent  
12 with the requirements of subsections  
13 (k)(2)(C)(ii) or (h)(7), as applicable.

14           “(G) BENEFITS.—The bundling of projects  
15 under this subsection—

16           “(i) shall enhance, or increase the ca-  
17 pacity of—

18           “(I) the total transportation sys-  
19 tem of the applicant; or

20           “(II) the transportation system  
21 of the region the applicant serves  
22 (which, in the case of a State whose  
23 request addresses a single region,  
24 means that region); and

25           “(ii) shall—

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1                   “(I) streamline procurements for  
2                   the applicant; or

3                   “(II) enable time or cost savings  
4                   for the projects.

5                   “(H) EVALUATION.—A project submitted  
6                   for consideration for immediate funding in an  
7                   immediate bundling request shall be subject to  
8                   the applicable evaluation criteria under this sec-  
9                   tion for the project type, including dem-  
10                  onstrating the availability of local resources to  
11                  recapitalize, maintain, and operate the overall  
12                  existing and proposed public transportation sys-  
13                  tem pursuant to subsection (f)(1)(C).

14                  “(I) LETTER OF INTENT OR SINGLE  
15                  GRANT AGREEMENT.—

16                  “(i) IN GENERAL.—Upon entering  
17                  into a grant agreement for the initial  
18                  project for which an applicant submits a  
19                  request, the Secretary may issue a letter of  
20                  intent or single, combined grant agreement  
21                  to the applicant.

22                  “(ii) LETTER OF INTENT.—

23                  “(I) IN GENERAL.—A letter of  
24                  intent announces an intention to obli-  
25                  gate, for 1 or more additional projects

1 included in the request, an amount  
2 from future available budget authority  
3 specified in law that is not more than  
4 the amount stipulated as the financial  
5 participation of the Secretary in the  
6 additional project or projects. Such  
7 letter may include a condition that the  
8 project or projects must meet the  
9 evaluation criteria in this subsection  
10 before a grant agreement can be exe-  
11 cuted.

12 “(II) AMOUNT.—The amount  
13 that the Secretary announces an in-  
14 tention to obligate for an additional  
15 project in a letter of intent issued  
16 under clause (i) shall be sufficient to  
17 complete at least an operable segment  
18 of the project.

19 “(III) TREATMENT.—The  
20 issuance of a letter of intent under  
21 clause (i) shall not be deemed to be an  
22 obligation under sections 1108(c),  
23 1501, and 1502(a) of title 31 or an  
24 administrative commitment.

1           “(3) EVALUATION CRITERIA.—When the Sec-  
2           retary issues rules or policy guidance under this sec-  
3           tion, the Secretary may request comment from the  
4           public regarding potential changes to the evaluation  
5           criteria for project justification and local financial  
6           commitment under subsections (d), (e), (f), and (h)  
7           for the purposes of streamlining the evaluation proc-  
8           ess for projects included in a future bundling re-  
9           quest or an immediate bundling request, including  
10          changes to enable simultaneous evaluation of mul-  
11          tiple projects under 1 or more evaluation criteria.  
12          Notwithstanding paragraphs (1)(H) and (2)(H),  
13          such criteria may be utilized for projects included in  
14          a future bundling request or an immediate bundling  
15          request under this subsection upon promulgation of  
16          the applicable rule or policy guidance.

17           “(4) GRANT AGREEMENTS.—

18           “(A) NEW START AND CORE CAPACITY IM-  
19           PROVEMENT PROJECTS.—A new start project or  
20           core capacity improvement project in an imme-  
21           diate bundling request or future bundling re-  
22           quest shall be carried out through a full fund-  
23           ing grant agreement or expedited grant agree-  
24           ment pursuant to subsection (k)(2).

1           “(B) SMALL START.—A small start project  
2 shall be carried out through a grant agreement  
3 pursuant to subsection (h)(7).

4           “(C) REQUIREMENT.—A combined grant  
5 agreement described in paragraph (2)(I)(i)  
6 shall—

7           “(i) include only projects in an imme-  
8 diate future bundling request that are  
9 ready to receive a grant agreement under  
10 this section,

11           “(ii) be carried out through a full  
12 funding grant agreement or expedited  
13 grant agreement pursuant to subsection  
14 (k)(2) for the included projects, if a project  
15 seeking assistance under the combined  
16 grant agreement is a new start project or  
17 core capacity improvement project; and

18           “(iii) be carried out through a grant  
19 agreement pursuant to subsection (h)(7)  
20 for the included projects, if the projects  
21 seeking assistance under the combined  
22 grant agreement consist entirely of small  
23 start projects.

24           “(D) SAVINGS PROVISION.—The use of a  
25 combined grant agreement shall not waive or

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1 amend applicable evaluation criteria under this  
2 section for projects included in the combined  
3 grant agreement.”;

4 (6) in subsection (k)—

5 (A) in paragraph (2)(E)—

6 (i) by striking “(E) BEFORE AND  
7 AFTER STUDY.—” and all that follows  
8 through “(I) SUBMISSION OF PLAN.—”  
9 and inserting the following: “(E) INFOR-  
10 MATION COLLECTION AND ANALYSIS  
11 PLAN.—

12 “(i) SUBMISSION OF PLAN.—”;

13 (ii) by redesignating subclause (II) of  
14 clause (i) (as so designated) as clause (ii),  
15 and adjusting the margin accordingly; and

16 (iii) in clause (ii) (as so redesign-  
17 ated)—

18 (I) by redesignating items (aa)  
19 through (dd) as subclauses (I)  
20 through (IV), respectively, and adjust-  
21 ing the margins accordingly; and

22 (II) in the matter preceding sub-  
23 clause (I) (as so redesignated), by  
24 striking “subclause (I)” and inserting  
25 “clause (i)”; and



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1 (B) in paragraph (5), by striking “At least  
2 30” and inserting “Not later than 15”;

3 (7) in subsection (m), by adding at the end the  
4 following:

5 “(3) COST OF CARRYING OUT PLANNING AND  
6 ACTIVITIES REQUIRED UNDER THE NATIONAL ENVI-  
7 RONMENTAL POLICY ACT OF 1969.—

8 “(A) IN GENERAL.—Subject to subpara-  
9 graph (B), the cost of carrying out the planning  
10 and activities required under the National Envi-  
11 ronmental Policy Act of 1969 (42 U.S.C. 4321  
12 et seq.), including planning and activities car-  
13 ried out prior to a project entering into the  
14 project development phase, shall be counted to-  
15 ward the net capital project cost for purposes of  
16 paragraph (1).

17 “(B) GUIDANCE.—The Secretary shall pro-  
18 vide guidance to applicants on the costs of plan-  
19 ning and activities required under the National  
20 Environmental Policy Act of 1969 (42 U.S.C.  
21 4321 et seq.) that are eligible to be counted  
22 under subparagraph (A).”;

23 (8) in subsection (o)—

24 (A) by striking paragraph (2);

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1 (B) by redesignating paragraph (3) as  
2 paragraph (2); and

3 (C) in paragraph (2) (as so redesign-  
4 nated)—

5 (i) in subparagraph (A)—

6 (I) in the matter preceding clause  
7 (i), by striking “of” and inserting  
8 “that”;

9 (II) by redesignating clauses (i)  
10 and (ii) as subclauses (I) and (II), re-  
11 spectively, and adjusting the margins  
12 accordingly;

13 (III) by inserting before sub-  
14 clause (I) (as so redesignated), the  
15 following:

16 “(i) assesses—”;

17 (IV) in clause (i) (as so des-  
18 ignated)—

19 (aa) in subclause (I) (as so  
20 redesignated), by striking “new  
21 fixed guideway capital projects  
22 and core capacity improvement  
23 projects” and inserting “all new  
24 fixed guideway capital projects  
25 and core capacity improvement

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1 projects for grant agreements  
2 under this section and section  
3 3005(b) of the Federal Public  
4 Transportation Act of 2015 (49  
5 U.S.C. 5309 note; Public Law  
6 114–94)”; and

7 (bb) in subclause (II) (as so  
8 redesignated), by striking “and”  
9 at the end; and

10 (V) by adding at the end the fol-  
11 lowing:

12 “(ii) includes, with respect to projects  
13 that entered into revenue service since the  
14 previous biennial review—

15 “(I) a description and analysis of  
16 the impacts of the projects on public  
17 transportation services and public  
18 transportation ridership;

19 “(II) a description and analysis  
20 of the consistency of predicted and ac-  
21 tual benefits and costs of the innova-  
22 tive project development and delivery  
23 methods of, or innovative financing  
24 for, the projects; and

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1                   “(III) an identification of the  
2                   reasons for any differences between  
3                   predicted and actual outcomes for the  
4                   projects; and

5                   “(iii) in conducting the review under  
6                   clause (ii), incorporates information from  
7                   the plans submitted by applicants under  
8                   subsection (k)(2)(E)(i); and”;

9                   (ii) in subparagraph (B), by striking  
10                  “each year” and inserting “the applicable  
11                  year”;

12                  (9) by adding at the end the following:

13                  “(r) CAPITAL INVESTMENT GRANT DASHBOARD.—

14                  “(1) IN GENERAL.—The Secretary shall make  
15                  publicly available in an easily identifiable location on  
16                  the website of the Department of Transportation a  
17                  dashboard containing the following information for  
18                  each project seeking a grant agreement under this  
19                  section:

20                         “(A) Project name.

21                         “(B) Project sponsor.

22                         “(C) City or urbanized area and State in  
23                  which the project will be located.

24                         “(D) Project type.

25                         “(E) Project mode.

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1           “(F) Project length and number of stops,  
2 including length of exclusive bus rapid transit  
3 lanes, if applicable.

4           “(G) Anticipated total project cost.

5           “(H) Anticipated share of project costs to  
6 be sought under this section.

7           “(I) Date of compliance with the National  
8 Environmental Policy Act of 1969 (42 U.S.C.  
9 4321 et seq.).

10          “(J) Date on which the project entered the  
11 project development phase.

12          “(K) Date on which the project entered  
13 the engineering phase, if applicable.

14          “(L) Date on which a Letter of No Preju-  
15 dice was requested, and date on which a Letter  
16 of No Prejudice was issued or denied, if appli-  
17 cable.

18          “(M) Date of the applicant’s most recent  
19 project ratings, including date of request for  
20 updated ratings, if applicable.

21          “(N) Status of the project sponsor in se-  
22 curing non-Federal matching funds.

23          “(O) Date on which a project grant agree-  
24 ment is anticipated to be executed.

1           “(2) UPDATES.—The Secretary shall update  
2           the information provided under paragraph (1) not  
3           less frequently than monthly.

4           “(3) PROJECT PROFILES.—The Secretary shall  
5           continue to make profiles for projects that have ap-  
6           plied for or are receiving assistance under this sec-  
7           tion publicly available in an easily identifiable loca-  
8           tion on the website of the Department of Transpor-  
9           tation, in the same manner as the Secretary did as  
10          of the day before the date of enactment of this sub-  
11          section.”.

12          (b) EXPEDITED PROJECT DELIVERY FOR CAPITAL  
13 INVESTMENT GRANTS PILOT PROGRAM.—Section  
14 3005(b) of the Federal Public Transportation Act of 2015  
15 (49 U.S.C. 5309 note; Public Law 114–94) is amended—

16           (1) in paragraph (1)(I)—

17           (A) in clause (i), by striking  
18           “\$75,000,000” and inserting “\$150,000,000”;

19           and

20           (B) in clause (ii), by striking  
21           “\$300,000,000” and inserting “\$400,000,000”;

22           (2) in paragraph (8)(D)(i), by striking “30  
23          days” and inserting “10 days”;

24           (3) by striking paragraph (12); and

1 (4) by redesignating paragraph (13) as para-  
2 graph (12).

3 **SEC. 5006. FORMULA GRANTS FOR RURAL AREAS.**

4 Section 5311 of title 49, United States Code, is  
5 amended—

6 (1) in subsection (c)—

7 (A) by redesignating paragraphs (2) and  
8 (3) as paragraphs (3) and (4), respectively;

9 (B) by striking paragraph (1) and insert-  
10 ing the following:

11 “(1) IN GENERAL.—Of the amounts made  
12 available or appropriated for each fiscal year pursu-  
13 ant to section 5338(a)(2)(F) to carry out this para-  
14 graph—

15 “(A) an amount equal to 5 percent shall be  
16 available to carry out paragraph (2); and

17 “(B) 3 percent shall be available to carry  
18 out paragraph (3).

19 “(2) PUBLIC TRANSPORTATION ON INDIAN RES-  
20 ERVATIONS.—For each fiscal year, the amounts  
21 made available under paragraph (1)(A) shall be ap-  
22 portioned for grants to Indian tribes for any purpose  
23 eligible under this section, under such terms and  
24 conditions as may be established by the Secretary, of  
25 which—

1                   “(A) 20 percent shall be distributed by the  
2           Secretary on a competitive basis; and

3                   “(B) 80 percent shall be apportioned as  
4           formula grants as provided in subsection (j).”;  
5           and

6           (2) in subsection (j)(1)(A), in the matter pre-  
7           ceding clause (i), by striking “subsection (c)(1)(B)”  
8           and inserting “subsection (c)(2)(B)”.

9   **SEC. 5007. PUBLIC TRANSPORTATION INNOVATION.**

10           (a) IN GENERAL.—Section 5312 of title 49, United  
11   States Code, is amended—

12           (1) by striking the first subsection designated  
13           as subsection (g), relating to annual reports on re-  
14           search, as so designated by section 3008(a)(6)(A) of  
15           the FAST Act (Public Law 114–94; 129 Stat. 1468)  
16           and inserting the following:

17           “(f) ANNUAL REPORT ON RESEARCH.—

18           “(1) IN GENERAL.—Not later than the first  
19           Monday in February of each year, the Secretary  
20           shall make available to the public on the Web site  
21           of the Department of Transportation, a report that  
22           includes—

23           “(A) a description of each project that re-  
24           ceived assistance under this section during the  
25           preceding fiscal year;



1           “(B) an evaluation of each project de-  
2           scribed in paragraph (1), including any evalua-  
3           tion conducted under subsection (e)(4) for the  
4           preceding fiscal year; and

5           “(C) a strategic research roadmap proposal  
6           for allocations of amounts for assistance under  
7           this section for the current and subsequent fis-  
8           cal year, including anticipated work areas, pro-  
9           posed demonstrations and strategic partnership  
10          opportunities;

11          “(2) UPDATES.—Not less than every 3 months,  
12          the Secretary shall update on the Web site of the  
13          Department of Transportation the information de-  
14          scribed in paragraph (1)(C) to reflect any changes  
15          to the Secretary’s plans to make assistance available  
16          under this section.

17          “(3) LONG-TERM RESEARCH PLANS.—The Sec-  
18          retary is encouraged to develop long-term research  
19          plans and shall identify in the annual report under  
20          paragraph (1) and in updates under paragraph (2)  
21          allocations of amounts for assistance and notices of  
22          funding opportunities to execute long-term strategic  
23          research roadmap plans.”; and

24                 (2) in subsection (h)—

25                         (A) in paragraph (2)—

1 (i) by striking subparagraph (A) and  
2 inserting the following:

3 “(A) IN GENERAL.—The Secretary shall  
4 competitively select at least 1 facility—

5 “(i) to conduct testing, evaluation,  
6 and analysis of low or no emission vehicle  
7 components intended for use in low or no  
8 emission vehicles; and

9 “(ii) to conduct directed technology  
10 research.”;

11 (ii) by striking subparagraph (B) and  
12 inserting the following:

13 “(B) TESTING, EVALUATION, AND ANAL-  
14 YSIS.—

15 “(i) IN GENERAL.—The Secretary  
16 shall enter into a contract or cooperative  
17 agreement with, or make a grant to, at  
18 least 1 institution of higher education to  
19 operate and maintain a facility to conduct  
20 testing, evaluation, and analysis of low or  
21 no emission vehicle components, and new  
22 and emerging technology components, in-  
23 tended for use in low or no emission vehi-  
24 cles.

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1                   “(ii) REQUIREMENTS.—An institution  
2 of higher education described in clause (i)  
3 shall have—

4                   “(I) capacity to carry out trans-  
5 portation-related advanced component  
6 and vehicle evaluation;

7                   “(II) laboratories capable of test-  
8 ing and evaluation; and

9                   “(III) direct access to or a part-  
10 nership with a testing facility capable  
11 of emulating real-world circumstances  
12 in order to test low or no emission ve-  
13 hicle components installed on the in-  
14 tended vehicle.”; and

15                   (iii) by adding at the end the fol-  
16 lowing:

17                   “(H) CAPITAL EQUIPMENT AND DIRECTED  
18 RESEARCH.—A facility operated and maintained  
19 under subparagraph (A) may use funds made  
20 available under this subsection for—

21                   “(i) acquisition of equipment and cap-  
22 ital projects related to testing low or no  
23 emission vehicle components; or

24                   “(ii) research related to advanced ve-  
25 hicle technologies that provides advance-

1                   ments to the entire public transportation  
2                   industry.

3                   “(I) COST SHARE.—The cost share for ac-  
4                   tivities described in subparagraph (H) shall be  
5                   subject to the terms in subsection (g).”; and

6                   (B) in paragraph (3), by inserting “, as  
7                   applicable” before the period at the end.

8                   (b) LOW OR NO EMISSION VEHICLE COMPONENT AS-  
9                   SESSMENT.—

10                   (1) IN GENERAL.—Institutions of higher edu-  
11                   cation selected to operate and maintain a facility to  
12                   conduct testing, evaluation, and analysis of low or  
13                   no emission vehicle components pursuant to section  
14                   5312(h) of title 49, United States Code, shall not  
15                   carry out testing for a new bus model under section  
16                   5318 of that title.

17                   (2) USE OF FUNDS.—Funds made available to  
18                   institutions of higher education described in para-  
19                   graph (1) for testing under section 5318 of title 49,  
20                   United States Code, may be used for eligible activi-  
21                   ties under section 5312(h) of that title.

22                   **SEC. 5008. BUS TESTING FACILITIES.**

23                   Section 5318 of title 49, United States Code, is  
24                   amended by adding at the end the following:

1       “(f) CAPITAL EQUIPMENT.—A facility operated and  
2 maintained under this section may use funds made avail-  
3 able under this section for the acquisition of equipment  
4 and capital projects related to testing new bus models.”.

5 **SEC. 5009. TRANSIT-ORIENTED DEVELOPMENT.**

6       Section 20005(b) of MAP–21 (49 U.S.C. 5303 note;  
7 Public Law 112–141) is amended—

8           (1) in paragraph (2), in the matter preceding  
9 subparagraph (A), by inserting “or site-specific”  
10 after “comprehensive”; and

11           (2) in paragraph (3)—

12               (A) in subparagraph (B), by inserting “or  
13 a site-specific plan” after “comprehensive  
14 plan”;

15               (B) in subparagraph (C), by inserting “or  
16 the proposed site-specific plan” after “proposed  
17 comprehensive plan”;

18               (C) in subparagraph (D), by inserting “or  
19 the site-specific plan” after “comprehensive  
20 plan”; and

21               (D) in subparagraph (E)(iii), by inserting  
22 “or the site-specific plan” after “comprehensive  
23 plan”.

1 **SEC. 5010. GENERAL PROVISIONS.**

2 Section 5323(u) of title 49, United States Code, is  
3 amended by striking paragraph (2) and inserting the fol-  
4 lowing:

5 “(2) EXCEPTION.—For purposes of paragraph  
6 (1), the term ‘otherwise related legally or financially’  
7 does not include—

8 “(A) a minority relationship or investment;  
9 or

10 “(B) relationship with or investment in a  
11 subsidiary, joint venture, or other entity based  
12 in a country described in paragraph (1)(B) that  
13 does not export rolling stock or components of  
14 rolling stock for use in the United States.”.

15 **SEC. 5011. PUBLIC TRANSPORTATION EMERGENCY RELIEF**  
16 **PROGRAM.**

17 Section 5324 of title 49, United States Code, is  
18 amended by adding at the end the following:

19 “(f) INSURANCE.—Before receiving a grant under  
20 this section following an emergency, an applicant shall—

21 “(1) submit to the Secretary documentation  
22 demonstrating proof of insurance required under  
23 Federal law for all structures related to the grant  
24 application; and

1           “(2) certify to the Secretary that the applicant  
2           has insurance required under State law for all struc-  
3           tures related to the grant application.”.

4 **SEC. 5012. PUBLIC TRANSPORTATION SAFETY PROGRAM.**

5           (a) IN GENERAL.—Section 5329 of title 49, United  
6 States Code, is amended—

7           (1) in subsection (b)—

8           (A) in paragraph (2)—

9           (i) in subparagraph (A), by striking  
10           “criteria” and inserting “measures, includ-  
11           ing measures related to the risk reduction  
12           program under subsection (d)(1)(I)”;

13           (ii) in subparagraph (C)(ii)—

14           (I) in subclause (I), by striking  
15           “and” at the end;

16           (II) in subclause (II), by adding  
17           “and” at the end; and

18           (III) by adding at the end the  
19           following:

20           “(III) innovations in driver as-  
21           sistance technologies and driver pro-  
22           tection infrastructure, where appro-  
23           priate, and a reduction in visibility  
24           impairments that contribute to pedes-  
25           trian fatalities;”;

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1 (iii) in subparagraph (D)(ii)(V), by  
2 striking “and” at the end;

3 (iv) in subparagraph (E), by striking  
4 the period at the end and inserting “;  
5 and”;

6 (v) by redesignating subparagraphs  
7 (D) and (E) as subparagraphs (E) and  
8 (F), respectively;

9 (vi) by inserting after subparagraph  
10 (C) the following:

11 “(D) in consultation with the Secretary of  
12 Health and Human Services, precautionary and  
13 reactive actions required to ensure public and  
14 personnel safety and health during an emer-  
15 gency (as defined in section 5324(a));” and

16 (vii) by adding at the end the fol-  
17 lowing:

18 “(G) consideration, where appropriate, of  
19 performance-based and risk-based methodolo-  
20 gies.”; and

21 (B) by adding at the end the following:

22 “(3) PLAN UPDATES.—The Secretary shall up-  
23 date the national public transportation safety plan  
24 under paragraph (1) as necessary.”;

25 (2) in subsection (c)—



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1 (A) by striking paragraph (2); and

2 (B) by striking the subsection designation  
3 and heading and all that follows through “The  
4 Secretary” in paragraph (1) and inserting the  
5 following:

6 “(c) PUBLIC TRANSPORTATION SAFETY CERTIFI-  
7 CATION TRAINING PROGRAM.—The Secretary”;

8 (3) in subsection (d)—

9 (A) in paragraph (1)—

10 (i) in the matter preceding subpara-  
11 graph (A), by striking “Effective 1 year”  
12 and all that follows through “each recipi-  
13 ent” and inserting “Each recipient”;

14 (ii) in subparagraph (A), by striking  
15 “the board of directors (or equivalent enti-  
16 ty) of the recipient” and inserting “the  
17 safety committee of the entity established  
18 under paragraph (4), followed by the board  
19 of directors (or equivalent entity) of the re-  
20 cipient,”;

21 (iii) by redesignating subparagraphs  
22 (B) through (G) as subparagraphs (C)  
23 through (H), respectively;

24 (iv) by inserting after subparagraph  
25 (A) the following:

1           “(B) for each recipient serving an urban-  
2           ized area with a population of fewer than  
3           200,000, a requirement that the agency safety  
4           plan be developed in cooperation with frontline  
5           employee representatives;”.

6           (v) in subparagraph (D) (as so redes-  
7           ignated), by inserting “, and, consistent  
8           with guidelines of the Centers for Disease  
9           Control and Prevention, minimize exposure  
10          to infectious diseases” after “public, per-  
11          sonnel, and property to hazards and unsafe  
12          conditions”;

13          (vi) in subparagraph (F) (as so redes-  
14          ignated), by striking “criteria” and all that  
15          follows through the semicolon at the end  
16          and inserting “measures established under  
17          the national public transportation safety  
18          plan, as described in subsection  
19          (b)(2)(A);”;

20          (vii) in subparagraph (G) (as so re-  
21          designated), by striking “and” at the end;  
22          and

23          (viii) by striking subparagraph (H)  
24          (as so redesignated) and inserting the fol-  
25          lowing:

1           “(H) a comprehensive staff training pro-  
2           gram for the operations and maintenance per-  
3           sonnel and personnel directly responsible for  
4           safety of the recipient that includes—

5                   “(i) the completion of a safety train-  
6                   ing program;

7                   “(ii) continuing safety education and  
8                   training; and

9                   “(iii) de-escalation training; and

10           “(I) a risk reduction program for transit  
11           operations to improve safety by reducing the  
12           number and rates of accidents, injuries, and as-  
13           saults on transit workers based on data sub-  
14           mitted to the national transit database under  
15           section 5335, including—

16                   “(i) a reduction of vehicular and pe-  
17                   destrian accidents involving buses that in-  
18                   cludes measures to reduce visibility impair-  
19                   ments for bus operators that contribute to  
20                   accidents, including retrofits to buses in  
21                   revenue service and specifications for fu-  
22                   ture procurements that reduce visibility  
23                   impairments; and

24                   “(ii) the mitigation of assaults on  
25                   transit workers, including the deployment

1 of assault mitigation infrastructure and  
2 technology on buses, including barriers to  
3 restrict the unwanted entry of individuals  
4 and objects into the workstations of bus  
5 operators when a risk analysis performed  
6 by the safety committee of the recipient es-  
7 tablished under paragraph (4) determines  
8 that such barriers or other measures would  
9 reduce assaults on transit workers and in-  
10 juries to transit workers.”;

11 (B) by striking paragraph (2) and insert-  
12 ing the following:

13 “(2) RISK REDUCTION PERFORMANCE TAR-  
14 GETS.—

15 “(A) IN GENERAL.—The safety committee  
16 of a recipient established under paragraph (4)  
17 or a State shall establish performance targets  
18 for the risk reduction program required under  
19 paragraph (1)(I) using a 3-year rolling average  
20 of the data submitted by the recipient to the  
21 national transit database under section 5335.

22 “(B) SAFETY SET ASIDE.—With respect to  
23 a recipient serving an urbanized area that re-  
24 ceives funds under section 5307, the recipient  
25 shall allocate not less than 0.75 percent of

1 those funds to safety-related projects eligible  
2 under section 5307.

3 “(C) FAILURE TO MEET PERFORMANCE  
4 TARGETS.—A recipient that receives funds  
5 under section 5307 that does not meet the per-  
6 formance targets established under subpara-  
7 graph (A) shall allocate the amount made avail-  
8 able in subparagraph (B) in the following fiscal  
9 year to projects described in subparagraph (D).

10 “(D) ELIGIBLE PROJECTS.—Funds set  
11 aside under subparagraph (C) shall be used for  
12 projects that are reasonably likely to assist the  
13 recipient in meeting the performance targets es-  
14 tablished in subparagraph (A), including modi-  
15 fications to rolling stock and de-escalation  
16 training.”; and

17 (C) by adding at the end the following:

18 “(4) SAFETY COMMITTEE.—For purposes of  
19 this subsection, the safety committee of a recipient  
20 shall—

21 “(A) be convened—

22 “(i) for each recipient serving an ur-  
23 banized area with a population of 200,000  
24 or greater; and

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1                   “(ii) by a joint labor-management  
2 process;

3                   “(B) consist of an equal number of—

4                   “(i) frontline employee representa-  
5 tives, selected by a labor organization rep-  
6 resenting the plurality of the frontline  
7 workforce employed by the recipient or, if  
8 applicable, a contractor to the recipient, to  
9 the extent frontline employees are rep-  
10 resented by labor organizations; and

11                   “(ii) management representatives; and

12                   “(C) have, at a minimum, responsibility  
13 for—

14                   “(i) identifying and recommending  
15 risk-based mitigations or strategies nec-  
16 essary to reduce the likelihood and severity  
17 of consequences identified through the  
18 agency’s safety risk assessment;

19                   “(ii) identifying mitigations or strate-  
20 gies that may be ineffective, inappropriate,  
21 or were not implemented as intended; and

22                   “(iii) identifying safety deficiencies for  
23 purposes of continuous improvement.”;

24                   (4) in subsection (e)—

1 (A) in paragraph (4)(A)(v), by inserting “,  
2 inspection,” after “investigative”; and

3 (B) by adding at the end the following:

4 “(11) EFFECTIVENESS OF ENFORCEMENT AU-  
5 THORITIES AND PRACTICES.—The Secretary shall  
6 develop and disseminate to State safety oversight  
7 agencies the process and methodology that the Sec-  
8 retary will use to monitor the effectiveness of the en-  
9 forcement authorities and practices of State safety  
10 oversight agencies.”; and

11 (5) by striking subsection (k) and inserting the  
12 following:

13 “(k) INSPECTIONS.—

14 “(1) INSPECTION ACCESS.—

15 “(A) IN GENERAL.—A State safety over-  
16 sight program shall provide the State safety  
17 oversight agency established by the program  
18 with the authority and capability to enter the  
19 facilities of each rail fixed guideway public  
20 transportation system that the State safety  
21 oversight agency oversees to inspect infrastruc-  
22 ture, equipment, records, personnel, and data,  
23 including the data that the rail fixed guideway  
24 public transportation agency collects when iden-  
25 tifying and evaluating safety risks.

1           “(B) POLICIES AND PROCEDURES.—A  
2 State safety oversight agency, in consultation  
3 with each rail fixed guideway public transpor-  
4 tation agency that the State safety oversight  
5 agency oversees, shall establish policies and pro-  
6 cedures regarding the access of the State safety  
7 oversight agency to conduct inspections of the  
8 rail fixed guideway public transportation sys-  
9 tem, including access for inspections that occur  
10 without advance notice to the rail fixed guide-  
11 way public transportation agency.

12           “(2) DATA COLLECTION.—

13           “(A) IN GENERAL.—A rail fixed guideway  
14 public transportation agency shall provide the  
15 applicable State safety oversight agency with  
16 the data that the rail fixed guideway public  
17 transportation agency collects when identifying  
18 and evaluating safety risks, in accordance with  
19 subparagraph (B).

20           “(B) POLICIES AND PROCEDURES.—A  
21 State safety oversight agency, in consultation  
22 with each rail fixed guideway public transpor-  
23 tation agency that the State safety oversight  
24 agency oversees, shall establish policies and pro-  
25 cedures for collecting data described in sub-



1 paragraph (A) from a rail fixed guideway public  
2 transportation agency, including with respect to  
3 frequency of collection, that is commensurate  
4 with the size and complexity of the rail fixed  
5 guideway public transportation system.

6 “(3) INCORPORATION.—Policies and procedures  
7 established under this subsection shall be incor-  
8 porated into—

9 “(A) the State safety oversight program  
10 standard adopted by a State safety oversight  
11 agency under section 674.27 of title 49, Code of  
12 Federal Regulations (or any successor regula-  
13 tion); and

14 “(B) the public transportation agency safe-  
15 ty plan established by a rail fixed guideway  
16 public transportation agency under subsection  
17 (d).

18 “(4) ASSESSMENT BY SECRETARY.—In assess-  
19 ing the capability of a State safety oversight agency  
20 to conduct inspections as required under paragraph  
21 (1), the Secretary shall ensure that—

22 “(A) the inspection practices of the State  
23 safety oversight agency are commensurate with  
24 the number, size, and complexity of the rail

1 fixed guideway public transportation systems  
2 that the State safety oversight agency oversees;

3 “(B) the inspection program of the State  
4 safety oversight agency is risk-based; and

5 “(C) the State safety oversight agency has  
6 sufficient resources to conduct the inspections.

7 “(5) SPECIAL DIRECTIVE.—The Secretary shall  
8 issue a special directive to each State safety over-  
9 sight agency on the development and implementation  
10 of risk-based inspection programs under this sub-  
11 section.

12 “(6) ENFORCEMENT.—The Secretary may use  
13 any authority under this section, including any en-  
14 forcement action authorized under subsection (g), to  
15 ensure the compliance of a State safety oversight  
16 agency or State safety oversight program with this  
17 subsection.”.

18 (b) DEADLINE; EFFECTIVE DATE.—

19 (1) SPECIAL DIRECTIVE ON RISK-BASED IN-  
20 SPECTION PROGRAMS.—Not later than 1 year after  
21 the date of enactment of this Act, the Secretary  
22 shall issue each special directive required under sec-  
23 tion 5329(k)(5) of title 49, United States Code (as  
24 added by subsection (a)).



1 value of \$5,000 or less per unit and un-  
2 used supplies with a total aggregate fair  
3 market value of \$5,000 or less that was  
4 purchased using Federal financial assist-  
5 ance under this chapter, the rolling stock,  
6 equipment, and supplies may be retained,  
7 sold, or otherwise disposed of at the end of  
8 the service life of the rolling stock, equip-  
9 ment, or supplies without any obligation to  
10 reimburse the Federal Transit Administra-  
11 tion.

12 “(ii) FAIR MARKET VALUE OF MORE  
13 THAN \$5,000.—

14 “(I) IN GENERAL.—With respect  
15 to rolling stock and equipment with a  
16 unit fair market value of more than  
17 \$5,000 per unit and unused supplies  
18 with a total aggregate fair market  
19 value of more than \$5,000 that was  
20 purchased using Federal financial as-  
21 sistance under this chapter, the roll-  
22 ing stock, equipment, and supplies  
23 may be retained or sold at the end of  
24 the service life of the rolling stock,  
25 equipment, or supplies.

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1                   “(II) REIMBURSEMENT RE-  
2                   QUIRED.—If rolling stock, equipment,  
3                   or supplies described in subclause (I)  
4                   is sold, of the proceeds from the  
5                   sale—

6                   “(aa) the recipient shall re-  
7                   tain an amount equal to the sum  
8                   of—

9                   “(AA) \$5,000; and

10                   “(BB) of the remaining  
11                   proceeds, a percentage of  
12                   the amount equal to the  
13                   non-Federal share expended  
14                   by the recipient in making  
15                   the original purchase; and

16                   “(bb) any amounts remain-  
17                   ing after application of item (aa)  
18                   shall be returned to the Federal  
19                   Transit Administration.

20                   “(iii) ROLLING STOCK AND EQUIP-  
21                   MENT RETAINED.—Rolling stock, equip-  
22                   ment, or supplies described in clause (i) or  
23                   (ii) that is retained by a recipient under  
24                   those clauses may be used by the recipient  
25                   for other public transportation projects or

1 programs with no obligation to reimburse  
2 the Federal Transit Administration, and  
3 no approval of the Secretary to retain that  
4 rolling stock, equipment, or supplies is re-  
5 quired.”.

6 **SEC. 5014. NATIONAL TRANSIT DATABASE.**

7 Section 5335 of title 49, United States Code, is  
8 amended—

9 (1) in subsection (a), in the first sentence, by  
10 inserting “geographic service area coverage,” after  
11 “operating,”; and

12 (2) by striking subsection (c) and inserting the  
13 following:

14 “(c) DATA REQUIRED TO BE REPORTED.—Each re-  
15 cipient of a grant under this chapter shall report to the  
16 Secretary, for inclusion in the national transit database  
17 under this section—

18 “(1) any information relating to a transit asset  
19 inventory or condition assessment conducted by the  
20 recipient;

21 “(2) any data on assaults on transit workers of  
22 the recipients; and

23 “(3) any data on fatalities that result from an  
24 impact with a bus.”.

1 **SEC. 5015. APPORTIONMENT OF APPROPRIATIONS FOR**  
2 **FORMULA GRANTS.**

3 (a) SMALL URBANIZED AREAS.—Section 5336(h)(3)  
4 of title 49, United States Code, is amended by striking  
5 “paragraphs (1) and (2)” and all that follows through “2  
6 percent” in subparagraph (B) and inserting “paragraphs  
7 (1) and (2), 3 percent”.

8 (b) FUNDING FOR STATE SAFETY OVERSIGHT PRO-  
9 GRAM GRANTS.—

10 (1) IN GENERAL.—Section 5336(h)(4) of title  
11 49, United States Code, is amended by striking “0.5  
12 percent” and inserting “0.75 percent”.

13 (2) APPLICABILITY.—The amendment made by  
14 paragraph (1) shall apply with respect to fiscal year  
15 2022 and each fiscal year thereafter.

16 **SEC. 5016. STATE OF GOOD REPAIR GRANTS.**

17 Section 5337 of title 49, United States Code, is  
18 amended by adding at the end the following:

19 “(f) COMPETITIVE GRANTS FOR RAIL VEHICLE RE-  
20 PLACEMENT.—

21 “(1) IN GENERAL.—The Secretary may make  
22 grants under this subsection to assist State and local  
23 governmental authorities in financing capital  
24 projects for the replacement of rail rolling stock.

25 “(2) GRANT REQUIREMENTS.—Except as other-  
26 wise provided in this subsection, a grant under this

1 subsection shall be subject to the same terms and  
2 conditions as a grant under subsection (b).

3 “(3) COMPETITIVE PROCESS.—The Secretary  
4 shall solicit grant applications and make not more  
5 than 3 new awards to eligible projects under this  
6 subsection on a competitive basis each fiscal year.

7 “(4) CONSIDERATION.—In awarding grants  
8 under this subsection, the Secretary shall consider—

9 “(A) the size of the rail system of the ap-  
10 plicant;

11 “(B) the amount of funds available to the  
12 applicant under this subsection;

13 “(C) the age and condition of the rail roll-  
14 ing stock of the applicant that has exceeded or  
15 will exceed the useful service life of the rail roll-  
16 ing stock in the 5-year period following the  
17 grant; and

18 “(D) whether the applicant has identified  
19 replacement of the rail vehicles as a priority in  
20 the investment prioritization portion of the  
21 transit asset management plan of the recipient  
22 pursuant to part 625 of title 49, Code of Fed-  
23 eral Regulations (or successor regulations).

24 “(5) MAXIMUM SHARE OF COMPETITIVE GRANT  
25 ASSISTANCE.—The amount of grant assistance pro-



1 vided by the Secretary under this subsection, as a  
2 share of eligible project costs, shall be not more than  
3 50 percent.

4 “(6) GOVERNMENT SHARE OF COST.—The Gov-  
5 ernment share of the cost of an eligible project car-  
6 ried out under this subsection shall not exceed 80  
7 percent.

8 “(7) MULTI-YEAR GRANT AGREEMENTS.—

9 “(A) IN GENERAL.—An eligible project for  
10 which a grant is provided under this subsection  
11 may be carried out through a multi-year grant  
12 agreement in accordance with this paragraph.

13 “(B) REQUIREMENTS.—A multi-year grant  
14 agreement under this paragraph shall—

15 “(i) establish the terms of participa-  
16 tion by the Federal Government in the  
17 project; and

18 “(ii) establish the maximum amount  
19 of Federal financial assistance for the  
20 project that may be provided through  
21 grant payments to be provided in not more  
22 than 3 consecutive fiscal years.

23 “(C) FINANCIAL RULES.—A multi-year  
24 grant agreement under this paragraph—

1 “(i) shall obligate an amount of avail-  
2 able budget authority specified in law; and

3 “(ii) may include a commitment, con-  
4 tingent on amounts to be specified in law  
5 in advance for commitments under this  
6 paragraph, to obligate an additional  
7 amount from future available budget au-  
8 thority specified in law.

9 “(D) STATEMENT OF CONTINGENT COM-  
10 MITMENT.—A multi-year agreement under this  
11 paragraph shall state that the contingent com-  
12 mitment is not an obligation of the Federal  
13 Government.”.

14 **SEC. 5017. AUTHORIZATIONS.**

15 Section 5338 of title 49, United States Code, is  
16 amended to read as follows:

17 **“§ 5338. Authorizations**

18 “(a) GRANTS.—

19 “(1) IN GENERAL.—There shall be available  
20 from the Mass Transit Account of the Highway  
21 Trust Fund to carry out sections 5305, 5307, 5310,  
22 5311, 5312, 5314, 5318, 5335, 5337, 5339, and  
23 5340, section 20005(b) of the Federal Public Trans-  
24 portation Act of 2012 (49 U.S.C. 5303 note; Public  
25 Law 112–141), and section 3006(b) of the Federal

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1 Public Transportation Act of 2015 (49 U.S.C. 5310  
2 note; Public Law 114–94)—

3 “(A) \$13,355,000,000 for fiscal year 2022;

4 “(B) \$13,634,000,000 for fiscal year 2023;

5 “(C) \$13,990,000,000 for fiscal year 2024;

6 “(D) \$14,279,000,000 for fiscal year

7 2025; and

8 “(E) \$14,642,000,000 for fiscal year 2026.

9 “(2) ALLOCATION OF FUNDS.—Of the amounts  
10 made available under paragraph (1)—

11 “(A) \$184,647,343 for fiscal year 2022,

12 \$188,504,820 for fiscal year 2023,

13 \$193,426,906 for fiscal year 2024,

14 \$197,422,644 for fiscal year 2025, and

15 \$202,441,512 for fiscal year 2026 shall be

16 available to carry out section 5305;

17 “(B) \$13,157,184 for fiscal year 2022,

18 \$13,432,051 for fiscal year 2023, \$13,782,778

19 for fiscal year 2024, \$14,067,497 for fiscal year

20 2025, and \$14,425,121 for fiscal year 2026

21 shall be available to carry out section 20005(b)

22 of the Federal Public Transportation Act of

23 2012 (49 U.S.C. 5303 note; Public Law 112–

24 141);

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1           “(C) \$6,434,878,596 for fiscal year 2022,  
2           \$6,569,309,979 for fiscal year 2023,  
3           \$6,740,842,498 for fiscal year 2024,  
4           \$6,880,092,210 for fiscal year 2025, and  
5           \$7,054,997,559 for fiscal year 2026 shall be al-  
6           located in accordance with section 5336 to pro-  
7           vide financial assistance for urbanized areas  
8           under section 5307;

9           “(D) \$371,247,094 for fiscal year 2022,  
10           \$379,002,836 for fiscal year 2023,  
11           \$388,899,052 for fiscal year 2024,  
12           \$396,932,778 for fiscal year 2025, and  
13           \$407,023,583 for fiscal year 2026 shall be  
14           available to provide financial assistance for  
15           services for the enhanced mobility of seniors  
16           and individuals with disabilities under section  
17           5310;

18           “(E) \$4,605,014 for fiscal year 2022,  
19           \$4,701,218 for fiscal year 2023, \$4,823,972 for  
20           fiscal year 2024, \$4,923,624 for fiscal year  
21           2025, and \$5,048,792 for fiscal year 2026 shall  
22           be available for the pilot program for innovative  
23           coordinated access and mobility under section  
24           3006(b) of the Federal Public Transportation

1 Act of 2015 (49 U.S.C. 5310 note; Public Law  
2 114–94);

3 “(F) \$875,289,555 for fiscal year 2022,  
4 \$893,575,275 for fiscal year 2023,  
5 \$916,907,591 for fiscal year 2024,  
6 \$935,848,712 for fiscal year 2025, and  
7 \$959,639,810 for fiscal year 2026 shall be  
8 available to provide financial assistance for  
9 rural areas under section 5311;

10 “(G) \$36,840,115 for fiscal year 2022,  
11 \$37,609,743 for fiscal year 2023, \$38,591,779  
12 for fiscal year 2024, \$39,388,993 for fiscal year  
13 2025, and \$40,390,337 for fiscal year 2026  
14 shall be available to carry out section 5312, of  
15 which—

16 “(i) \$5,000,000 for each of fiscal  
17 years 2022 through 2026 shall be available  
18 to carry out section 5312(h); and

19 “(ii) \$6,578,592 for fiscal year 2022,  
20 \$6,716,026 for fiscal year 2023,  
21 \$6,891,389 for fiscal year 2024,  
22 \$7,033,749 for fiscal year 2025, and  
23 \$7,212,560 for fiscal year 2026 shall be  
24 available to carry out section 5312(i);

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1           “(H) \$11,841,465 for fiscal year 2022,  
2           \$12,088,846 for fiscal year 2023, \$12,404,500  
3           for fiscal year 2024, \$12,660,748 for fiscal year  
4           2025, and \$12,982,608 for fiscal year 2026  
5           shall be available to carry out section 5314, of  
6           which \$6,578,592 for fiscal year 2022,  
7           \$6,716,026 for fiscal year 2023, \$6,891,389 for  
8           fiscal year 2024, \$7,033,749 for fiscal year  
9           2025, and \$7,212,560 for fiscal year 2026 shall  
10          be available for the national transit institute  
11          under section 5314(c);

12           “(I) \$5,000,000 for each of fiscal years  
13          2022 through 2026 shall be available for bus  
14          testing under section 5318;

15           “(J) \$131,000,000 for fiscal year 2022,  
16          \$133,736,728 for fiscal year 2023,  
17          \$137,228,753 for fiscal year 2024,  
18          \$140,063,572 for fiscal year 2025, and  
19          \$143,624,261 for fiscal year 2026 shall be  
20          available to carry out section 5334;

21           “(K) \$5,262,874 for fiscal year 2022,  
22          \$5,372,820 for fiscal year 2023, \$5,513,111 for  
23          fiscal year 2024, \$5,626,999 for fiscal year  
24          2025, and \$5,770,048 for fiscal year 2026 shall  
25          be available to carry out section 5335;

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1           “(L) \$3,488,937,880 for fiscal year 2022,  
2           \$3,561,825,463 for fiscal year 2023,  
3           \$3,654,828,973 for fiscal year 2024,  
4           \$3,730,329,014 for fiscal year 2025, and  
5           \$3,825,161,246 for fiscal year 2026 shall be  
6           available to carry out section 5337, of which  
7           \$300,000,000 for each of fiscal years 2022  
8           through 2026 shall be available to carry out  
9           section 5337(f);

10           “(M) \$603,992,657 for fiscal year 2022,  
11           \$616,610,699 for fiscal year 2023,  
12           \$632,711,140 for fiscal year 2024,  
13           \$645,781,441 for fiscal year 2025, and  
14           \$662,198,464 for fiscal year 2026 shall be  
15           available for the bus and buses facilities pro-  
16           gram under section 5339(a);

17           “(N) \$447,257,433 for fiscal year 2022,  
18           \$456,601,111 for fiscal year 2023,  
19           \$468,523,511 for fiscal year 2024,  
20           \$478,202,088 for fiscal year 2025, and  
21           \$490,358,916 for fiscal year 2026 shall be  
22           available for buses and bus facilities competitive  
23           grants under section 5339(b) and no or low  
24           emission grants under section 5339(c), of which  
25           16 percent for each of fiscal years 2022

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1 through 2026 shall be available to carry out  
2 section 5339(e); and

3 “(O) \$741,042,792 for fiscal year 2022,  
4 \$756,523,956 for fiscal year 2023,  
5 \$776,277,698 for fiscal year 2024,  
6 \$792,313,742 for fiscal year 2025, and  
7 \$812,455,901 for fiscal year 2026, to carry out  
8 section 5340 to provide financial assistance for  
9 urbanized areas under section 5307 and rural  
10 areas under section 5311, of which—

11 “(i) \$392,752,680 for fiscal year  
12 2022, \$400,957,696 for fiscal year 2023,  
13 \$411,427,180 for fiscal year 2024,  
14 \$419,926,283 for fiscal year 2025, and  
15 \$430,601,628 for fiscal year 2026 shall be  
16 for growing States under section 5340(c);  
17 and

18 “(ii) \$348,290,112 for fiscal year  
19 2022, \$355,566,259 for fiscal year 2023,  
20 \$364,850,518 for fiscal year 2024,  
21 \$372,387,459 for fiscal year 2025, and  
22 \$381,854,274 for fiscal year 2026 shall be  
23 for high density States under section  
24 5340(d).



1       “(b) CAPITAL INVESTMENT GRANTS.—There are au-  
2 thORIZED to be appropriated to carry out section 5309 of  
3 this title and section 3005(b) of the Federal Public Trans-  
4 portation Act of 2015 (49 U.S.C. 5309 note; Public Law  
5 114–94), \$4,600,000,000 for each of fiscal years 2022  
6 through 2026.

7       “(c) OVERSIGHT.—

8           “(1) IN GENERAL.—Of the amounts made  
9 available to carry out this chapter for a fiscal year,  
10 the Secretary may use not more than the following  
11 amounts for the activities described in paragraph  
12 (2):

13           “(A) 0.5 percent of amounts made avail-  
14 able to carry out section 5305.

15           “(B) 0.75 percent of amounts made avail-  
16 able to carry out section 5307.

17           “(C) 1 percent of amounts made available  
18 to carry out section 5309.

19           “(D) 1 percent of amounts made available  
20 to carry out section 601 of the Passenger Rail  
21 Investment and Improvement Act of 2008  
22 (Public Law 110–432; 126 Stat. 4968).

23           “(E) 0.5 percent of amounts made avail-  
24 able to carry out section 5310.

1           “(F) 0.5 percent of amounts made avail-  
2           able to carry out section 5311.

3           “(G) 1 percent of amounts made available  
4           to carry out section 5337, of which not less  
5           than 0.25 percent of amounts made available  
6           for this subparagraph shall be available to carry  
7           out section 5329.

8           “(H) 0.75 percent of amounts made avail-  
9           able to carry out section 5339.

10          “(2) ACTIVITIES.—The activities described in  
11          this paragraph are as follows:

12                 “(A) Activities to oversee the construction  
13                 of a major capital project.

14                 “(B) Activities to review and audit the  
15                 safety and security, procurement, management,  
16                 and financial compliance of a recipient or sub-  
17                 recipient of funds under this chapter.

18                 “(C) Activities to provide technical assist-  
19                 ance generally, and to provide technical assist-  
20                 ance to correct deficiencies identified in compli-  
21                 ance reviews and audits carried out under this  
22                 section.

23                 “(D) Activities to carry out section 5334.

1           “(3) GOVERNMENT SHARE OF COSTS.—The  
2           Government shall pay the entire cost of carrying out  
3           a contract under this subsection.

4           “(4) AVAILABILITY OF CERTAIN FUNDS.—  
5           Funds made available under paragraph (1)(C) shall  
6           be made available to the Secretary before allocating  
7           the funds appropriated to carry out any project  
8           under a full funding grant agreement.

9           “(d) GRANTS AS CONTRACTUAL OBLIGATIONS.—

10           “(1) GRANTS FINANCED FROM HIGHWAY TRUST  
11           FUND.—A grant or contract that is approved by the  
12           Secretary and financed with amounts made available  
13           from the Mass Transit Account of the Highway  
14           Trust Fund pursuant to this section is a contractual  
15           obligation of the Government to pay the Government  
16           share of the cost of the project.

17           “(2) GRANTS FINANCED FROM GENERAL  
18           FUND.—A grant or contract that is approved by the  
19           Secretary and financed with amounts appropriated  
20           in advance from the General Fund of the Treasury  
21           pursuant to this section is a contractual obligation  
22           of the Government to pay the Government share of  
23           the cost of the project only to the extent that  
24           amounts are appropriated for such purpose by an  
25           Act of Congress.

1 “(e) AVAILABILITY OF AMOUNTS.—Amounts made  
2 available by or appropriated under this section shall re-  
3 main available until expended.”.

4 **SEC. 5018. GRANTS FOR BUSES AND BUS FACILITIES.**

5 Section 5339 of title 49, United States Code, is  
6 amended—

7 (1) in subsection (a)—

8 (A) in paragraph (5)(A)—

9 (i) by striking “\$90,500,000 for each  
10 of fiscal years 2016 through 2020” and in-  
11 sserting “\$206,000,000 each fiscal year”;

12 (ii) by striking “\$1,750,000” and in-  
13 sserting “\$4,000,000”; and

14 (iii) by striking “\$500,000” and in-  
15 sserting “\$1,000,000”; and

16 (B) by adding at the end the following:

17 “(10) MAXIMIZING USE OF FUNDS.—

18 “(A) IN GENERAL.—Eligible recipients and  
19 subrecipients under this subsection should, to  
20 the extent practicable, seek to utilize the pro-  
21 curement tools authorized under section 3019  
22 of the FAST Act (49 U.S.C. 5325 note; Public  
23 Law 114–94).

24 “(B) WRITTEN EXPLANATION.—If an eligi-  
25 ble recipient or subrecipient under this sub-

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1 section purchases less than 5 buses through a  
2 standalone procurement, the eligible recipient or  
3 subrecipient shall provide to the Secretary a  
4 written explanation regarding why the tools au-  
5 thorized under section 3019 of the FAST Act  
6 (49 U.S.C. 5325 note; Public Law 114–94)  
7 were not utilized.”;

8 (2) in subsection (b)—

9 (A) by striking paragraph (5) and insert-  
10 ing the following:

11 “(5) RURAL PROJECTS.—

12 “(A) IN GENERAL.—Subject to subpara-  
13 graph (B), not less than 15 percent of the  
14 amounts made available under this subsection  
15 in a fiscal year shall be distributed to projects  
16 in rural areas.

17 “(B) UNUTILIZED AMOUNTS.—The Sec-  
18 retary may use less than 15 percent of the  
19 amounts made available under this subsection  
20 in a fiscal year for the projects described in  
21 subparagraph (A) if the Secretary cannot meet  
22 the requirement of that subparagraph due to  
23 insufficient eligible applications.”; and

24 (B) by adding at the end the following:

1           “(9) COMPETITIVE PROCESS.—The Secretary  
2 shall—

3           “(A) not later than 30 days after the date  
4 on which amounts are made available for obli-  
5 gation under this subsection for a full fiscal  
6 year, solicit grant applications for eligible  
7 projects on a competitive basis; and

8           “(B) award a grant under this subsection  
9 based on the solicitation under subparagraph  
10 (A) not later than the earlier of—

11           “(i) 75 days after the date on which  
12 the solicitation expires; or

13           “(ii) the end of the fiscal year in  
14 which the Secretary solicited the grant ap-  
15 plications.

16           “(10) CONTINUED USE OF PARTNERSHIPS.—

17           “(A) IN GENERAL.—An eligible recipient  
18 of a grant under this subsection may submit an  
19 application in partnership with other entities,  
20 including a transit vehicle manufacturer that  
21 intends to participate in the implementation of  
22 a project under this subsection and subsection  
23 (c).

24           “(B) COMPETITIVE PROCUREMENT.—  
25 Projects awarded with partnerships under this

1 subsection shall be considered to satisfy the re-  
2 quirement for a competitive procurement under  
3 section 5325.

4 “(11) MAXIMIZING USE OF FUNDS.—

5 “(A) IN GENERAL.—Eligible recipients  
6 under this subsection should, to the extent  
7 practicable, seek to utilize the procurement  
8 tools authorized under section 3019 of the  
9 FAST Act (49 U.S.C. 5325 note; Public Law  
10 114–94).

11 “(B) WRITTEN EXPLANATION.—If an eligi-  
12 ble recipient under this subsection purchases  
13 less than 5 buses through a standalone procure-  
14 ment, the eligible recipient shall provide to the  
15 Secretary a written explanation regarding why  
16 the tools authorized under section 3019 of the  
17 FAST Act (49 U.S.C. 5325 note; Public Law  
18 114–94) were not utilized.”;

19 (3) in subsection (c)—

20 (A) in paragraph (3)—

21 (i) by amending subparagraph (A) to  
22 read as follows:

23 “(A) IN GENERAL.—A grant under this  
24 subsection shall be subject to—

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1 “(i) with respect to eligible recipients  
2 in urbanized areas, section 5307; and

3 “(ii) with respect to eligible recipients  
4 in rural areas, section 5311.”; and

5 (ii) by adding at the end the fol-  
6 lowing:

7 “(D) FLEET TRANSITION PLAN.—In  
8 awarding grants under this subsection or under  
9 subsection (b) for projects related to zero emis-  
10 sion vehicles, the Secretary shall require the ap-  
11 plicant to submit a zero emission transition  
12 plan, which, at a minimum—

13 “(i) demonstrates a long-term fleet  
14 management plan with a strategy for how  
15 the applicant intends to use the current  
16 application and future acquisitions;

17 “(ii) addresses the availability of cur-  
18 rent and future resources to meet costs;

19 “(iii) considers policy and legislation  
20 impacting technologies;

21 “(iv) includes an evaluation of existing  
22 and future facilities and their relationship  
23 to the technology transition;



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1 “(v) describes the partnership of the  
2 applicant with the utility or alternative fuel  
3 provider of the applicant; and

4 “(vi) examines the impact of the tran-  
5 sition on the applicant’s current workforce  
6 by identifying skill gaps, training needs,  
7 and retraining needs of the existing work-  
8 ers of the applicant to operate and main-  
9 tain zero emission vehicles and related in-  
10 frastructure and avoids the displacement of  
11 the existing workforce.”;

12 (B) by striking paragraph (5) and insert-  
13 ing the following:

14 “(5) CONSIDERATION.—In awarding grants  
15 under this subsection, the Secretary—

16 “(A) shall consider eligible projects relat-  
17 ing to the acquisition or leasing of low or no  
18 emission buses or bus facilities that make  
19 greater reductions in energy consumption and  
20 harmful emissions, including direct carbon  
21 emissions, than comparable standard buses or  
22 other low or no emission buses; and

23 “(B) shall, for no less than 25 percent of  
24 the funds made available to carry out this sub-  
25 section, only consider eligible projects related to

1 the acquisition of low or no emission buses or  
2 bus facilities other than zero emission vehicles  
3 and related facilities.”; and

4 (C) by adding at the end the following:

5 “(8) CONTINUED USE OF PARTNERSHIPS.—

6 “(A) IN GENERAL.—A recipient of a grant  
7 under this subsection may submit an applica-  
8 tion in partnership with other entities, including  
9 a transit vehicle manufacturer, that intends to  
10 participate in the implementation of an eligible  
11 project under this subsection.

12 “(B) COMPETITIVE PROCUREMENT.—Eligi-  
13 ble projects awarded with partnerships under  
14 this subsection shall be considered to satisfy the  
15 requirement for a competitive procurement  
16 under section 5325.”; and

17 (4) by adding at the end the following:

18 “(d) WORKFORCE DEVELOPMENT TRAINING ACTIVI-  
19 TIES.—5 percent of grants related to zero emissions vehi-  
20 cles (as defined in subsection (c)(1)) or related infrastruc-  
21 ture under subsection (b) or (c) shall be used by recipients  
22 to fund workforce development training, as described in  
23 section 5314(b)(2) (including registered apprenticeships  
24 and other labor-management training programs) under  
25 the recipient’s plan to address the impact of the transition

1 to zero emission vehicles on the applicant’s current work-  
2 force under subsection (c)(3)(D), unless the recipient cer-  
3 tifies a smaller percentage is necessary to carry out that  
4 plan.”.

5 **SEC. 5019. WASHINGTON METROPOLITAN AREA TRANSIT**  
6 **AUTHORITY SAFETY, ACCOUNTABILITY, AND**  
7 **INVESTMENT.**

8 (a) DEFINITIONS.—In this section:

9 (1) BOARD.—The term “Board” means the  
10 Board of Directors of the Transit Authority.

11 (2) COMPACT.—The term “Compact” means  
12 the Washington Metropolitan Area Transit Author-  
13 ity Compact consented to by Congress under Public  
14 Law 89–774 (80 Stat. 1324).

15 (3) COVERED RECIPIENT.—The term “covered  
16 recipient” means—

17 (A)(i) the Committee on Banking, Hous-  
18 ing, and Urban Affairs of the Senate;

19 (ii) the Committee on Homeland Security  
20 and Governmental Affairs of the Senate;

21 (iii) the Committee on Transportation and  
22 Infrastructure of the House of Representatives;  
23 and

24 (iv) the Committee on Oversight and Re-  
25 form of the House of Representatives;

- 1 (B)(i) the Governor of Maryland;  
2 (ii) the President of the Maryland Senate;  
3 and  
4 (iii) the Speaker of the Maryland House of  
5 Delegates;
- 6 (C)(i) the Governor of Virginia;  
7 (ii) the President of the Virginia Senate;  
8 and  
9 (iii) the Speaker of the Virginia House of  
10 Delegates;
- 11 (D)(i) the Mayor of the District of Colum-  
12 bia; and  
13 (ii) the Chairman of the Council of the  
14 District of Columbia; and
- 15 (E) the Chairman of the Northern Virginia  
16 Transportation Commission.

17 (4) INSPECTOR GENERAL; OFFICE OF THE IN-  
18 SPECTOR GENERAL.—The terms “Inspector Gen-  
19 eral” and “Office of Inspector General” mean the  
20 Inspector General and the Office of Inspector Gen-  
21 eral, respectively, of the Transit Authority.

22 (5) TRANSIT AUTHORITY.—The term “Transit  
23 Authority” means the Washington Metropolitan  
24 Area Transit Authority established under Article III  
25 of the Compact.

1 (b) REAUTHORIZATION OF CAPITAL AND PREVEN-  
2 TIVE MAINTENANCE GRANTS TO WASHINGTON METRO-  
3 POLITAN AREA TRANSIT AUTHORITY.—Section 601(f) of  
4 the Passenger Rail Investment and Improvement Act of  
5 2008 (division B of Public Law 110–432; 122 Stat. 4970)  
6 is amended by striking “an aggregate amount” and all  
7 that follows through the period at the end and inserting  
8 “\$150,000,000 for each of fiscal years 2022 through  
9 2030.”.

10 (c) FUNDS FOR WASHINGTON METROPOLITAN AREA  
11 TRANSIT AUTHORITY’S INSPECTOR GENERAL.—Title VI  
12 of the Passenger Rail Investment and Improvement Act  
13 of 2008 (division B of Public Law 110–432; 122 Stat.  
14 4968) is amended by adding at the end the following:

15 **“SEC. 602. FUNDING FOR INSPECTOR GENERAL.**

16 “(a) DEFINITIONS.—In this section:

17 “(1) COMPACT.—The term ‘Compact’ means  
18 the Washington Metropolitan Area Transit Author-  
19 ity Compact consented to by Congress under Public  
20 Law 89–774 (80 Stat. 1324).

21 “(2) SECRETARY.—The term ‘Secretary’ means  
22 the Secretary of Transportation.

23 “(3) TRANSIT AUTHORITY.—The term ‘Transit  
24 Authority’ has the meaning given the term in section  
25 601(a)(2).

1           “(b) FUNDING FOR OFFICE OF INSPECTOR GENERAL  
2 OF THE WASHINGTON METROPOLITAN AREA TRANSIT  
3 AUTHORITY.—Subject to subsection (c), of the amounts  
4 authorized to be appropriated for a fiscal year under sub-  
5 section (c), the Secretary shall use \$5,000,000 for grants  
6 to the Transit Authority for use exclusively by the Office  
7 of Inspector General of the Transit Authority for the oper-  
8 ations of the Office in accordance with Section 9 of Article  
9 III of the Compact, to remain available until expended.

10           “(c) MATCHING INSPECTOR GENERAL FUNDS RE-  
11 QUIRED FROM TRANSIT AUTHORITY.—The Secretary may  
12 not provide any amounts to the Transit Authority for a  
13 fiscal year under subsection (b) until the Transit Author-  
14 ity notifies the Secretary that the Transit Authority has  
15 made available \$5,000,000 in non-Federal funds for that  
16 fiscal year for use exclusively by the Office of Inspector  
17 General of the Transit Authority for the operations of the  
18 Office in accordance with Section 9 of Article III of the  
19 Compact.”.

20           (d) REFORMS TO OFFICE OF INSPECTOR GEN-  
21 ERAL.—

22           (1) SENSE OF CONGRESS.—Congress recognizes  
23 the importance of the Transit Authority having a  
24 strong and independent Office of Inspector General,

1 as codified in subsections (a) and (d) of Section 9  
2 of Article III of the Compact.

3 (2) REFORMS.—The Secretary may not provide  
4 any amounts to the Transit Authority under section  
5 602(b) of the Passenger Rail Investment and Im-  
6 provement Act of 2008 (division B of Public Law  
7 110–432; 122 Stat. 4968) (as added by subsection  
8 (c)), until the Secretary certifies that the Board has  
9 passed a resolution that—

10 (A) provides that, for each fiscal year, the  
11 Office of Inspector General shall transmit a  
12 budget estimate and request to the Board speci-  
13 fying the aggregate amount of funds requested  
14 for the fiscal year for the operations of the Of-  
15 fice of Inspector General;

16 (B) delegates to the Inspector General, to  
17 the extent possible under the Compact and in  
18 accordance with each applicable Federal law or  
19 regulation, contracting officer authority, subject  
20 to the requirement that the Inspector General  
21 exercise that authority—

22 (i) in accordance with Section 73 of  
23 Article XVI of the Compact, after working  
24 with the Transit Authority to amend pro-  
25 curement policies and procedures to give

1 the Inspector General approving authority  
2 for exceptions to those policies and proce-  
3 dures; and

4 (ii) only as is necessary to carry out  
5 the duties of the Office of Inspector Gen-  
6 eral;

7 (C) delegates to the Inspector General, to  
8 the extent possible under the Compact and in  
9 accordance with each applicable Federal law or  
10 regulation—

11 (i) the authority to select, appoint,  
12 and employ such officers and employees as  
13 may be necessary for carrying out the du-  
14 ties of the Office of Inspector General,  
15 subject to the requirement that the Inspec-  
16 tor General exercise that authority in ac-  
17 cordance with—

18 (I) subsections (g) and (h) of  
19 Section 12 of Article V of the Com-  
20 pact; and

21 (II) personnel policies and proce-  
22 dures of the Transit Authority; and

23 (ii) approving authority, subject to the  
24 approval of the Board, for exceptions to  
25 policies that impact the independence of



1 the Office of Inspector General, but those  
2 exceptions may not include the use of em-  
3 ployee benefits and pension plans other  
4 than the employee benefits and pension  
5 plans of the Transit Authority;

6 (D)(i) ensures that the Inspector General  
7 obtains legal advice from a counsel reporting di-  
8 rectly to the Inspector General; and

9 (ii) prohibits the counsel described in  
10 clause (i) from—

11 (I) providing legal advice for or on be-  
12 half of the Transit Authority;

13 (II) issuing a legal opinion on behalf  
14 of the Transit Authority or making a  
15 statement about a legal position of the  
16 Transit Authority; or

17 (III) waiving any privilege or protec-  
18 tion from disclosure on any matter under  
19 the jurisdiction of the Transit Authority;  
20 and

21 (E) requires the Inspector General to—

22 (i) post any report containing a rec-  
23 ommendation for corrective action to the  
24 website of the Office of Inspector General  
25 not later than 3 days after the report is

1 submitted in final form to the Board, ex-  
2 cept that—

3 (I) the Inspector General shall, if  
4 required by law or otherwise appro-  
5 priate, redact—

6 (aa) personally identifiable  
7 information;

8 (bb) legally privileged infor-  
9 mation;

10 (cc) information legally pro-  
11 hibited from disclosure; and

12 (dd) information that, in the  
13 determination of the Inspector  
14 General, would pose a security  
15 risk to the systems of the Transit  
16 Authority; and

17 (II) with respect to any investiga-  
18 tive findings in a case involving ad-  
19 ministrative misconduct, whether in-  
20 cluded in a recommendation or other-  
21 wise, the Inspector General shall pub-  
22 lish only a summary of the findings,  
23 which summary shall be redacted in  
24 accordance with the procedures set  
25 forth in subclause (I);

1           (ii) submit a semiannual report con-  
2           taining recommendations of corrective ac-  
3           tion to the Board, which the Board shall  
4           transmit not later than 30 days after re-  
5           ceipt of the report, together with any com-  
6           ments the Board determines appropriate,  
7           to—

8                   (I) each covered recipient de-  
9                   scribed in subsection (a)(3)(A); and

10                   (II) any other recipients that the  
11                   Board determines appropriate; and

12           (iii) not later than 2 years after the  
13           date of enactment of this Act and 5 years  
14           after the date of enactment of this Act,  
15           submit to each covered recipient a report  
16           that—

17                   (I) describes the implementation  
18                   by the Transit Authority of the re-  
19                   forms required under, and the use by  
20                   the Transit Authority of the funding  
21                   authorized under—

22                           (aa) chapter 34 of title 33.2  
23                           of the Code of Virginia;

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1 (bb) section 10–205 of the  
2 Transportation Article of the  
3 Code of Maryland; and

4 (cc) section 6002 of the  
5 Dedicated WMATA Funding and  
6 Tax Changes Affecting Real  
7 Property and Sales Amendment  
8 Act of 2018 (1–325.401, D.C.  
9 Official Code); and

10 (II) contains—

11 (aa) an assessment of the  
12 effective use of the funding de-  
13 scribed in subclause (I) to ad-  
14 dress major capital improvement  
15 projects;

16 (bb) a discussion of compli-  
17 ance with strategic plan dead-  
18 lines;

19 (cc) an examination of com-  
20 pliance with the reform require-  
21 ments under the laws described  
22 in subclause (I), including identi-  
23 fying any challenges to compli-  
24 ance or implementation; and

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1 (dd) recommendations to the  
2 Transit Authority to improve im-  
3 plementation.

4 (e) CAPITAL PROGRAM AND PLANNING.—

5 (1) CAPITAL PLANNING PROCEDURES.—The  
6 Transit Authority may not expend any amounts re-  
7 ceived under section 602(b) of the Passenger Rail  
8 Investment and Improvement Act of 2008 (division  
9 B of Public Law 110–432; 122 Stat. 4968), (as  
10 added by subsection (c)), until the General Manager  
11 of the Transit Authority certifies to the Secretary  
12 that the Transit Authority has implemented—

13 (A) documented policies and procedures for  
14 the capital planning process that include—

15 (i) a process that aligns projects to  
16 the strategic goals of the Transit Author-  
17 ity; and

18 (ii) a process to develop total project  
19 costs and alternatives for all major capital  
20 projects (as defined in section 633.5 of  
21 title 49, Code of Federal Regulations (or  
22 successor regulations));

23 (B) a transit asset management planning  
24 process that includes —

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1 (i) asset inventory and condition as-  
2 sessment procedures; and

3 (ii) procedures to develop a data set of  
4 track, guideway, and infrastructure sys-  
5 tems, including tunnels, bridges, and com-  
6 munications assets, that complies with the  
7 transit asset management regulations of  
8 the Secretary under part 625 of title 49,  
9 Code of Federal Regulations (or successor  
10 regulations); and

11 (C) performance measures, aligned with  
12 the strategic goals of the Transit Authority, to  
13 assess the effectiveness and outcomes of major  
14 capital projects.

15 (2) ANNUAL REPORT.—As a condition of receiv-  
16 ing amounts under section 602(b) of the Passenger  
17 Rail Investment and Improvement Act of 2008 (divi-  
18 sion B of Public Law 110–432; 122 Stat. 4968) (as  
19 added by subsection (c)), the Transit Authority shall  
20 submit an annual report detailing the Capital Im-  
21 provement Program of the Transit Agency approved  
22 by the Board and compliance with the transit asset  
23 management regulations of the Secretary under part  
24 625 of title 49, Code of Federal Regulations (or suc-  
25 cessor regulations), to—

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1 (A) each covered recipient; and

2 (B) any other recipient that the Board de-  
3 termines appropriate.

4 (f) SENSE OF CONGRESS.—It is the sense of Con-  
5 gress that the Transit Authority should—

6 (1) continue to prioritize the implementation of  
7 new technological systems that include robust cyber-  
8 security protections; and

9 (2) prioritize continued integration of new wire-  
10 less services and emergency communications net-  
11 works, while also leveraging partnerships with mobil-  
12 ity services to improve the competitiveness of the  
13 core business.

14 (g) ADDITIONAL REPORTING.—

15 (1) IN GENERAL.—Not later than 3 years after  
16 the date of enactment of this Act, the Comptroller  
17 General of the United States shall submit to the  
18 congressional committees described in paragraph (2)  
19 a report that—

20 (A) assesses whether the reforms required  
21 under subsection (d) (relating to strengthening  
22 the independence of the Office of Inspector  
23 General) have been implemented; and

24 (B) assesses—

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1 (i) whether the reforms required  
2 under subsection (g) have been imple-  
3 mented; and

4 (ii) the impact of those reforms on the  
5 capital planning process of the Transit Au-  
6 thority.

7 (2) CONGRESSIONAL COMMITTEES.—The con-  
8 gressional committees described in this paragraph  
9 are—

10 (A) the Committee on Banking, Housing,  
11 and Urban Affairs of the Senate;

12 (B) the Committee on Homeland Security  
13 and Governmental Affairs of the Senate;

14 (C) the Committee on Transportation and  
15 Infrastructure of the House of Representatives;  
16 and

17 (D) the Committee on Oversight and Re-  
18 form of the House of Representatives.



1       **TITLE VI—MULTIMODAL AND**  
2       **FREIGHT TRANSPORTATION**  
3       **Subtitle A—Multimodal Freight**  
4               **Policy**

5       **SEC. 6101. OFFICE OF MULTIMODAL FREIGHT INFRASTRUC-**  
6               **TURE AND POLICY.**

7           (a) IN GENERAL.—Chapter 1 of title 49, United  
8 States Code, is amended by adding at the end the fol-  
9 lowing:

10       **“§ 118. Office of Multimodal Freight Infrastructure**  
11               **and Policy**

12           “(a) DEFINITIONS.—In this section:

13               “(1) DEPARTMENT.—The term ‘Department’  
14 means the Department of Transportation.

15               “(2) FREIGHT OFFICE.—The term ‘Freight Of-  
16 fice’ means the Office of Multimodal Freight Infra-  
17 structure and Policy established under subsection

18 (b).

19               “(3) SECRETARY.—The term ‘Secretary’ means  
20 the Secretary of Transportation.

21           “(b) ESTABLISHMENT.—The Secretary shall estab-  
22 lish within the Department an Office of Multimodal  
23 Freight Infrastructure and Policy.

24           “(c) PURPOSES.—The purposes of the Freight Office  
25 shall be—

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1           “(1) to carry out the national multimodal  
2 freight policy described in section 70101;

3           “(2) to administer and oversee certain  
4 multimodal freight grant programs within the De-  
5 partment in accordance with subsection (d);

6           “(3) to promote and facilitate the sharing of in-  
7 formation between the private and public sectors  
8 with respect to freight issues;

9           “(4) to conduct research on improving  
10 multimodal freight mobility, and to oversee the  
11 freight research activities of the various agencies  
12 within the Department;

13           “(5) to assist cities and States in developing  
14 freight mobility and supply chain expertise;

15           “(6) to liaise and coordinate with other Federal  
16 departments and agencies; and

17           “(7) to carry out other duties, as prescribed by  
18 the Secretary.

19           “(d) ADMINISTRATION OF POLICIES AND PRO-  
20 GRAMS.—The Freight Office shall—

21           “(1) develop and manage—

22                   “(A) the national freight strategic plan de-  
23 scribed in section 70102; and

24                   “(B) the National Multimodal Freight  
25 Network established under section 70103;

1           “(2)(A) oversee the development and updating  
2 of the State freight plans described in section  
3 70202; and

4           “(B) provide guidance or best practices relating  
5 to the development and updating of State freight  
6 plans under that section;

7           “(3)(A) administer multimodal freight grant  
8 programs, including multimodal freight grants estab-  
9 lished under section 117 of title 23; and

10           “(B) establish procedures for analyzing and  
11 evaluating applications for grants under those pro-  
12 grams;

13           “(4) assist States in the establishment of—

14           “(A) State freight advisory committees  
15 under section 70201; and

16           “(B) multi-State freight mobility compacts  
17 under section 70204; and

18           “(5) provide to the Bureau of Transportation  
19 Statistics input regarding freight data and planning  
20 tools.

21           “(e) ASSISTANT SECRETARY.—

22           “(1) IN GENERAL.—The Freight Office shall be  
23 headed by an Assistant Secretary for Multimodal  
24 Freight, who shall—

1           “(A) be appointed by the President, by and  
2           with the advice and consent of the Senate; and

3           “(B) have professional standing and dem-  
4           onstrated knowledge in the field of freight  
5           transportation.

6           “(2) DUTIES.—The Assistant Secretary shall—

7           “(A) report to the Under Secretary of  
8           Transportation for Policy;

9           “(B) be responsible for the management  
10          and oversight of the activities, decisions, oper-  
11          ations, and personnel of the Freight Office;

12          “(C) work with the modal administrations  
13          of the Department to encourage multimodal col-  
14          laboration; and

15          “(D) carry out such additional duties as  
16          the Secretary may prescribe.

17          “(f) CONSOLIDATION AND ELIMINATION OF DUPLI-  
18          CATIVE OFFICES.—

19          “(1) CONSOLIDATION OF OFFICES AND OFFICE  
20          FUNCTIONS.—The Secretary may consolidate into  
21          the Freight Office any office or office function with-  
22          in the Department that the Secretary determines  
23          has duties, responsibilities, resources, or expertise  
24          that support the purposes of the Freight Office.

1           “(2) ELIMINATION OF OFFICES.—The Sec-  
2           retary may eliminate any office within the Depart-  
3           ment if the Secretary determines that—

4                   “(A) the purposes of the office are duplica-  
5                   tive of the purposes of the Freight Office;

6                   “(B) the office or the functions of the of-  
7                   fice have been substantially consolidated with  
8                   the Freight Office pursuant to paragraph (1);

9                   “(C) the elimination of the office will not  
10                  adversely affect the requirements of the Sec-  
11                  retary under any Federal law; and

12                  “(D) the elimination of the office will im-  
13                  prove the efficiency and effectiveness of the pro-  
14                  grams and functions conducted by the office.

15           “(g) STAFFING AND BUDGETARY RESOURCES.—

16                   “(1) IN GENERAL.—The Secretary shall ensure  
17                  that the Freight Office is adequately staffed and  
18                  funded.

19                   “(2) STAFFING.—

20                           “(A) TRANSFER OF POSITIONS TO  
21                           FREIGHT OFFICE.—Subject to subparagraph  
22                           (B), the Secretary may transfer to the Freight  
23                           Office any position within any other office of  
24                           the Department if the Secretary determines

1           that the position is necessary to carry out the  
2           purposes of the Freight Office.

3           “(B) REQUIREMENT.—If the Secretary  
4           transfers a position to the Freight Office pursu-  
5           ant to subparagraph (A), the Secretary, in co-  
6           ordination with the appropriate modal adminis-  
7           tration of the Department, shall ensure that the  
8           transfer of the position does not adversely af-  
9           fect the requirements of the modal administra-  
10          tion under any Federal law.

11          “(3) BUDGETARY RESOURCES.—

12           “(A) TRANSFER OF FUNDS FROM CON-  
13          SOLIDATED OR ELIMINATED OFFICES.—

14           “(i) IN GENERAL.—To carry out the  
15           purposes of the Freight Office, the Sec-  
16           retary may transfer to the Freight Office  
17           from any office or office function that is  
18           consolidated or eliminated under sub-  
19           section (f) any funds allocated for the con-  
20           solidated or eliminated office or office  
21           function.

22           “(ii) RETRANSFER.—Any portion of  
23           any funds or limitations of obligations  
24           transferred to the Freight Office pursuant

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1 to clause (i) may be transferred back to,  
2 and merged with, the original account.

3 “(B) TRANSFER OF FUNDS ALLOCATED  
4 FOR ADMINISTRATIVE COSTS.—

5 “(i) IN GENERAL.—The Secretary  
6 may transfer to the Freight Office any  
7 funds allocated for the administrative costs  
8 of the programs referred to in subsection  
9 (d)(3).

10 “(ii) RETRANSFER.—Any portion of  
11 any funds or limitations of obligations  
12 transferred to the Freight Office pursuant  
13 to clause (i) may be transferred back to,  
14 and merged with, the original account.

15 “(h) WEBSITE.—

16 “(1) DESCRIPTION OF FREIGHT OFFICE.—The  
17 Secretary shall make publicly available on the  
18 website of the Department a description of the  
19 Freight Office, including a description of—

20 “(A) the programs managed or made avail-  
21 able by the Freight Office; and

22 “(B) the eligibility requirements for those  
23 programs.

24 “(2) CLEARINGHOUSE.—The Secretary may es-  
25 tablish a clearinghouse for tools, templates, guid-

1           ance, and best practices on a page of the website of  
2           the Department that supports the purposes of this  
3           section.

4           “(i) NOTIFICATION TO CONGRESS.—Not later than  
5 1 year after the date of enactment of this section, and  
6 not less frequently than once every 180 days thereafter  
7 until the date on which the Secretary determines that the  
8 requirements of this section have been met, the Secretary  
9 shall submit to the Committee on Commerce, Science, and  
10 Transportation of the Senate and the Committee on  
11 Transportation and Infrastructure of the House of Rep-  
12 resentatives a notification that—

13                   “(1) describes—

14                           “(A) the programs and activities adminis-  
15                           tered or overseen by the Freight Office; and

16                           “(B) the status of those programs and ac-  
17                           tivities;

18                   “(2) identifies—

19                           “(A) the number of employees working in  
20                           the Freight Office as of the date of the notifica-  
21                           tion;

22                           “(B) the total number of employees ex-  
23                           pected to join the Freight Office to support the  
24                           programs and activities described in paragraph  
25                           (1); and



1           “(C) the total number of positions that, as  
2           a result of the consolidation of offices under  
3           this section, were—

4                   “(i) eliminated; or

5                   “(ii) transferred, assigned, or joined  
6                   to the Freight Office;

7           “(3)(A) indicates whether the Secretary has  
8           consolidated into the Freight Office any office or of-  
9           fice function pursuant to subsection (f)(1); and

10           “(B) if the Secretary has consolidated such an  
11           office or function, describes the rationale for the  
12           consolidation;

13           “(4)(A) indicates whether the Secretary has  
14           eliminated any office pursuant to subsection (f)(2);  
15           and

16           “(B) if the Secretary has eliminated such an of-  
17           fice, describes the rationale for the elimination;

18           “(5) describes any other actions carried out by  
19           the Secretary to implement this section; and

20           “(6) describes any recommendations of the Sec-  
21           retary for legislation that may be needed to further  
22           implement this section.

23           “(j) SAVINGS PROVISIONS.—

24           “(1) EFFECT ON OTHER LAW.—Except as oth-  
25           erwise provided in this section, nothing in this sec-

1       tion alters or affects any law (including regulations)  
2       with respect to a program referred to in subsection  
3       (d).

4               “(2) EFFECT ON RESPONSIBILITIES OF OTHER  
5       AGENCIES.—Except as otherwise provided in this  
6       section, nothing in this section abrogates the respon-  
7       sibilities of any agency, operating administration, or  
8       office within the Department that is otherwise  
9       charged by law (including regulations) with any as-  
10      pect of program administration, oversight, or project  
11      approval or implementation with respect to a pro-  
12      gram or project subject to the responsibilities of the  
13      Freight Office under this section.

14              “(3) EFFECT ON PENDING APPLICATIONS.—  
15      Nothing in this section affects any pending applica-  
16      tion under a program referred to in subsection (d)  
17      that was received by the Secretary on or before the  
18      date of enactment of the Infrastructure Investment  
19      and Jobs Act.

20              “(k) AUTHORIZATION OF APPROPRIATIONS.—

21              “(1) IN GENERAL.—There are authorized to be  
22      appropriated to the Secretary such sums as are nec-  
23      essary to carry out this section.

1           “(2) CERTAIN ACTIVITIES.—Authorizations  
2           under subsections (f) and (g) are subject to appro-  
3           priations.”.

4           (b) GAO REVIEW.—The Comptroller General of the  
5           United States shall—

6           (1) conduct a review of the activities carried out  
7           by the Secretary pursuant to section 118 of title 49,  
8           United States Code; and

9           (2) develop recommendations regarding addi-  
10          tional activities—

11           (A) to improve the consolidation of dupli-  
12           cative functions within the Department; and

13           (B) to promote increased staff efficiency  
14           for program management within the Depart-  
15           ment.

16          (c) CLERICAL AMENDMENT.—The analysis for chap-  
17          ter 1 of title 49, United States Code, is amended by insert-  
18          ing after the item relating to section 117 the following:

          “118. Office of Multimodal Freight Infrastructure and Policy.”.

19          (d) CONFORMING AMENDMENTS.—

20           (1) Section 70101(c) of title 49, United States  
21           Code, is amended, in the matter preceding para-  
22           graph (1), by striking “Under Secretary of Trans-  
23           portation for Policy” and inserting “Assistant Sec-  
24           retary for Multimodal Freight”.

1           (2) Section 70102 of title 49, United States  
2 Code, is amended—

3           (A) in subsection (a), in the matter pre-  
4 ceding paragraph (1), by striking “Not later”  
5 and all that follows through “the Under Sec-  
6 retary of Transportation for Policy” and insert-  
7 ing “The Assistant Secretary for Multimodal  
8 Freight (referred to in this section as the ‘As-  
9 sistant Secretary)’”;

10           (B) in subsection (b)(4), in the matter pre-  
11 ceding subparagraph (A), by striking “Under  
12 Secretary” and inserting “Assistant Secretary”;

13           (C) in subsection (c), by striking “Under  
14 Secretary” and inserting “Assistant Secretary”;  
15 and

16           (D) in subsection (d), in the matter pre-  
17 ceding paragraph (1), by striking “Under Sec-  
18 retary” and inserting “Assistant Secretary”.

19           (3) Section 70103 of title 49, United States  
20 Code, is amended—

21           (A) in subsection (a), in the matter pre-  
22 ceding paragraph (1), by striking “Under Sec-  
23 retary of Transportation for Policy” and insert-  
24 ing “Assistant Secretary for Multimodal

1 Freight (referred to in this section as the ‘As-  
2 sistant Secretary’);

3 (B) by striking subsection (b);

4 (C) by redesignating subsections (c) and  
5 (d) as subsections (b) and (c), respectively;

6 (D) in subsection (b) (as so redesign-  
7 nated)—

8 (i) in the subsection heading, by strik-  
9 ing “FINAL NETWORK” and inserting  
10 “DESIGNATION OF NATIONAL  
11 MULTIMODAL FREIGHT NETWORK”;

12 (ii) in paragraph (1), in the matter  
13 preceding subparagraph (A), by striking  
14 “Not later” and all that follows through  
15 “Under Secretary” and inserting “The As-  
16 sistant Secretary”;

17 (iii) in paragraph (2), in the matter  
18 preceding subparagraph (A), by striking  
19 “Under Secretary” and inserting “Assist-  
20 ant Secretary”; and

21 (iv) in paragraph (3), in the matter  
22 preceding subparagraph (A), by striking  
23 “Under Secretary” and inserting “Assist-  
24 ant Secretary”; and

1 (E) in subsection (c) (as so redesign-  
2 nated)—

3 (i) by striking “subsection (c)” each  
4 place it appears and inserting “subsection  
5 (b)”;

6 (ii) by striking “Under Secretary”  
7 and inserting “Assistant Secretary”.

8 (4) Section 116(d)(1) of title 49, United States  
9 Code, is amended by striking subparagraph (D).

10 **SEC. 6102. UPDATES TO NATIONAL FREIGHT PLAN.**

11 Section 70102(b) of title 49, United States Code, is  
12 amended—

13 (1) in paragraph (10), by striking “and” at the  
14 end;

15 (2) in paragraph (11), by striking the period at  
16 the end and inserting a semicolon; and

17 (3) by adding at the end the following:

18 “(12) best practices for reducing environmental  
19 impacts of freight movement (including reducing  
20 local air pollution from freight movement,  
21 stormwater runoff, and wildlife habitat loss resulting  
22 from freight facilities, freight vehicles, or freight ac-  
23 tivity);

24 “(13) possible strategies to increase the resil-  
25 ience of the freight system, including the ability to

1 anticipate, prepare for, or adapt to conditions, or  
2 withstand, respond to, or recover rapidly from dis-  
3 ruptions, including extreme weather and natural dis-  
4 asters;

5 “(14) strategies to promote United States eco-  
6 nomic growth and international competitiveness;

7 “(15) consideration of any potential unique im-  
8 pacts of the national freight system on rural and  
9 other underserved and historically disadvantaged  
10 communities;

11 “(16) strategies for decarbonizing freight move-  
12 ment, as appropriate; and

13 “(17) consideration of the impacts of e-com-  
14 merce on the national multimodal freight system.”.

15 **SEC. 6103. STATE COLLABORATION WITH NATIONAL**  
16 **MULTIMODAL FREIGHT NETWORK.**

17 Subsection (b) of section 70103 of title 49, United  
18 States Code (as redesignated by section 6101(d)(3)(C)),  
19 is amended—

20 (1) in paragraph (3), by striking subparagraph  
21 (C) and inserting the following:

22 “(C) provide to the States an opportunity  
23 to submit proposed designations from the  
24 States in accordance with paragraph (4).”; and

25 (2) in paragraph (4)—

1 (A) in subparagraph (C)(i), by striking  
2 “20 percent” and inserting “30 percent”; and  
3 (B) by adding at the end the following:  
4 “(E) CONDITION FOR ACCEPTANCE.—The  
5 Secretary shall accept from a State a designa-  
6 tion under subparagraph (D) only if the Sec-  
7 retary determines that the designation meets  
8 the applicable requirements of subparagraph  
9 (A).”.

10 **SEC. 6104. IMPROVING STATE FREIGHT PLANS.**

11 (a) IN GENERAL.—Section 70202 of title 49, United  
12 States Code, is amended—

13 (1) in subsection (b)—

14 (A) in paragraph (9), by striking “and” at  
15 the end;

16 (B) by redesignating paragraph (10) as  
17 paragraph (17); and

18 (C) by inserting after paragraph (9) the  
19 following:

20 “(10) the most recent commercial motor vehicle  
21 parking facilities assessment conducted by the State  
22 under subsection (f);

23 “(11) the most recent supply chain cargo flows  
24 in the State, expressed by mode of transportation;



1           “(12) an inventory of commercial ports in the  
2           State;

3           “(13) if applicable, consideration of the findings  
4           or recommendations made by any multi-State freight  
5           compact to which the State is a party under section  
6           70204;

7           “(14) the impacts of e-commerce on freight in-  
8           frastructure in the State;

9           “(15) considerations of military freight;

10          “(16) strategies and goals to decrease—

11                 “(A) the severity of impacts of extreme  
12                 weather and natural disasters on freight mobil-  
13                 ity;

14                 “(B) the impacts of freight movement on  
15                 local air pollution;

16                 “(C) the impacts of freight movement on  
17                 flooding and stormwater runoff; and

18                 “(D) the impacts of freight movement on  
19                 wildlife habitat loss; and”;

20          (2) by adding at the end the following:

21          “(f) **COMMERCIAL MOTOR VEHICLE PARKING FA-**  
22          **CILITIES ASSESSMENTS.**—As part of the development or  
23          updating, as applicable, of a State freight plan under this  
24          section, each State that receives funding under section 167

1 of title 23, in consultation with relevant State motor car-  
2 rier safety personnel, shall conduct an assessment of—

3 “(1) the capability of the State, together with  
4 the private sector in the State, to provide adequate  
5 parking facilities and rest facilities for commercial  
6 motor vehicles engaged in interstate transportation;

7 “(2) the volume of commercial motor vehicle  
8 traffic in the State; and

9 “(3) whether there exist any areas within the  
10 State with a shortage of adequate commercial motor  
11 vehicle parking facilities, including an analysis (eco-  
12 nomic or otherwise, as the State determines to be  
13 appropriate) of the underlying causes of such a  
14 shortage.

15 “(g) PRIORITY.—Each State freight plan under this  
16 section shall include a requirement that the State, in car-  
17 rying out activities under the State freight plan—

18 “(1) enhance reliability or redundancy of  
19 freight transportation; or

20 “(2) incorporate the ability to rapidly restore  
21 access and reliability with respect to freight trans-  
22 portation.

23 “(h) APPROVAL.—

24 “(1) IN GENERAL.—The Secretary of Transpor-  
25 tation shall approve a State freight plan described in

1 subsection (a) if the plan achieves compliance with  
2 the requirements of this section.

3 “(2) SAVINGS PROVISION.—Nothing in this sub-  
4 section establishes new procedural requirements for  
5 the approval of a State freight plan described in  
6 subsection (a).”.

7 (b) STUDIES.—For the purpose of facilitating the in-  
8 tegration of intelligent transportation systems into the  
9 freight transportation network powered by electricity, the  
10 Secretary, acting through the Assistant Secretary for  
11 Multimodal Freight, shall conduct a study relating to—

12 (1) preparing to supply power to applicable  
13 electrical freight infrastructure; and

14 (2) safely integrating freight into intelligent  
15 transportation systems.

16 (c) ALIGNMENT OF TRANSPORTATION PLANNING.—  
17 Section 70202 of title 49, United States Code, is amend-  
18 ed—

19 (1) in subsection (d), by striking “5-year” and  
20 inserting “8-year”; and

21 (2) in subsection (e)(1), by striking “5 years”  
22 and inserting “4 years”.

1 **SEC. 6105. IMPLEMENTATION OF NATIONAL MULTIMODAL**  
2 **FREIGHT NETWORK.**

3 Not later than 30 days after the date of enactment  
4 of this Act, the Secretary shall submit to the Committee  
5 on Commerce, Science, and Transportation of the Senate  
6 and the Committee on Transportation and Infrastructure  
7 of the House of Representatives a report that—

8 (1) describes the status of the designation of  
9 the final National Multimodal Freight Network re-  
10 quired under section 70103 of title 49, United  
11 States Code;

12 (2) explains the reasons why the designation of  
13 the network referred to in paragraph (1) has not  
14 been finalized, if applicable; and

15 (3) estimates the date by which that network  
16 will be designated.

17 **SEC. 6106. MULTI-STATE FREIGHT CORRIDOR PLANNING.**

18 (a) IN GENERAL.—Chapter 702 of title 49, United  
19 States Code, is amended—

20 (1) by redesignating section 70204 as section  
21 70206; and

22 (2) by inserting after section 70203 the fol-  
23 lowing:

24 **“§ 70204. Multi-State freight corridor planning**

25 **“(a) CONSENT TO MULTI-STATE FREIGHT MOBILITY**  
26 **COMPACTS.—Congress recognizes the right of States, cit-**

1 ies, regional planning organizations, federally recognized  
2 Indian Tribes, and local public authorities (including pub-  
3 lic port authorities) that are regionally linked with an in-  
4 terest in a specific nationally or regionally significant  
5 multi-State freight corridor to enter into multi-State com-  
6 pacts to promote the improved mobility of goods, includ-  
7 ing—

8           “(1) identifying projects along the corridor that  
9           benefit multiple States;

10           “(2) assembling rights-of-way; and

11           “(3) performing capital improvements.

12           “(b) FINANCING.—A multi-State freight compact es-  
13 tablished by entities under subsection (a) may provide  
14 that, in order to carry out the compact, the relevant States  
15 or other entities may—

16           “(1) accept contributions from a unit of State  
17           or local government;

18           “(2) use any Federal or State funds made  
19           available for freight mobility infrastructure planning  
20           or construction, including applying for grants;

21           “(3) subject to such terms and conditions as  
22           the States consider to be advisable—

23                   “(A) borrow money on a short-term basis;

24                   and

25                   “(B) issue—

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1                   “(i) notes for borrowing under sub-  
2                   paragraph (A); and

3                   “(ii) bonds; and

4                   “(4) obtain financing by other means permitted  
5                   under applicable Federal or State law.

6                   “(c) ADVISORY COMMITTEES.—

7                   “(1) IN GENERAL.—A multi-State freight com-  
8                   pact under this section may establish a multi-State  
9                   freight corridor advisory committee, which shall in-  
10                  clude representatives of State departments of trans-  
11                  portation and other public and private sector entities  
12                  with an interest in freight mobility, such as—

13                   “(A) ports;

14                   “(B) freight railroads;

15                   “(C) shippers;

16                   “(D) carriers;

17                   “(E) freight-related associations;

18                   “(F) third-party logistics providers;

19                   “(G) the freight industry workforce;

20                   “(H) environmental organizations;

21                   “(I) community organizations; and

22                   “(J) units of local government.

23                   “(2) ACTIVITIES.—An advisory committee es-  
24                  tablished under paragraph (1) may—

1           “(A) advise the parties to the applicable  
2 multi-State freight compact with respect to  
3 freight-related priorities, issues, projects, and  
4 funding needs that impact multi-State—

5                   “(i) freight mobility; and

6                   “(ii) supply chains;

7           “(B) serve as a forum for States, Indian  
8 Tribes, and other public entities to discuss deci-  
9 sions affecting freight mobility;

10           “(C) communicate and coordinate multi-  
11 State freight priorities with other organizations;

12           “(D) promote the sharing of information  
13 between the private and public sectors with re-  
14 spect to freight issues; and

15           “(E) provide information for consideration  
16 in the development of State freight plans under  
17 section 70202.

18           “(d) GRANTS.—

19                   “(1) ESTABLISHMENT.—The Secretary of  
20 Transportation (referred to in this section as the  
21 ‘Secretary’) shall establish a program under which  
22 the Secretary shall provide grants to multi-State  
23 freight compacts, or States seeking to form a multi-  
24 State freight compact, that seek to improve a route

1 or corridor that is a part of the National Multimodal  
2 Freight Network established under section 70103.

3 “(2) NEW COMPACTS.—

4 “(A) IN GENERAL.—To incentivize the es-  
5 tablishment of multi-State freight compacts, the  
6 Secretary may award a grant for operations  
7 costs in an amount of not more than  
8 \$2,000,000 to—

9 “(i) a multi-State freight compact es-  
10 tablished under subsection (a) during the  
11 2-year period beginning on the date of es-  
12 tablishment of the multi-State freight com-  
13 pact; or

14 “(ii) States seeking to form a multi-  
15 State freight compact described in that  
16 subsection.

17 “(B) ELIGIBILITY.—

18 “(i) NEW MULTI-STATE FREIGHT  
19 COMPACTS.—A multi-State freight compact  
20 shall be eligible for a grant under this  
21 paragraph only during the initial 2 years  
22 of operation of the compact.

23 “(ii) STATES SEEKING TO FORM A  
24 COMPACT.—States seeking to form a multi-



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1 State freight compact shall be eligible for  
2 a grant under this paragraph during—

3 “(I) the 2-year period beginning  
4 on the date on which an application  
5 for a grant under this paragraph with  
6 respect to the proposed compact is  
7 submitted to the Secretary; or

8 “(II) if the compact is formed be-  
9 fore the date on which a grant under  
10 this paragraph is awarded in accord-  
11 ance with subclause (I), the initial 2  
12 years of operation of the compact.

13 “(C) REQUIREMENTS.—To be eligible to  
14 receive a grant under this paragraph, a multi-  
15 State freight compact or the applicable States  
16 seeking to form a multi-State freight compact  
17 shall—

18 “(i) submit to the Secretary an appli-  
19 cation at such time, in such manner, and  
20 containing such information as the Sec-  
21 retary may require;

22 “(ii) provide a non-Federal match  
23 equal to not less than 25 percent of the op-  
24 erating costs of the multi-State freight  
25 compact; and

1                   “(iii) commit to establishing a multi-  
2                   State freight corridor advisory committee  
3                   under subsection (c)(1) during the initial  
4                   2-year period of operation of the compact.

5                   “(3) EXISTING COMPACTS.—

6                   “(A) IN GENERAL.—The Secretary may  
7                   award a grant to multi-State freight compacts  
8                   that are not eligible to receive a grant under  
9                   paragraph (2) for operations costs in an  
10                  amount of not more than \$1,000,000.

11                  “(B) REQUIREMENTS.—To be eligible to  
12                  receive a grant under this paragraph, a multi-  
13                  State freight compact shall—

14                   “(i) submit to the Secretary an appli-  
15                   cation at such time, in such manner, and  
16                   containing such information as the Sec-  
17                   retary may require;

18                   “(ii) provide a non-Federal match of  
19                   not less than 50 percent of the operating  
20                   costs of the compact; and

21                   “(iii) demonstrate that the compact  
22                   has established a multi-State freight cor-  
23                   ridor advisory committee under subsection  
24                   (c)(1).

1           “(4) AUTHORIZATION OF APPROPRIATIONS.—  
2           There is authorized to be appropriated to the Sec-  
3           retary \$5,000,000 for each fiscal year to carry out  
4           this subsection.”.

5           (b) CLERICAL AMENDMENT.—The analysis for chap-  
6           ter 702 of title 49, United States Code, is amended by  
7           striking the item relating to section 70204 and inserting  
8           the following:

          “70204. Multi-State freight corridor planning.  
          “70206. Savings provision.”.

9           **SEC. 6107. STATE FREIGHT ADVISORY COMMITTEES.**

10          Section 70201 of title 49, United States Code, is  
11          amended—

12                 (1) in subsection (a), by striking “representa-  
13                 tives of ports, freight railroads,” and all that follows  
14                 through the period at the end and inserting the fol-  
15                 lowing: “representatives of—

16                         “(1) ports, if applicable;

17                         “(2) freight railroads, if applicable;

18                         “(3) shippers;

19                         “(4) carriers;

20                         “(5) freight-related associations;

21                         “(6) third-party logistics providers;

22                         “(7) the freight industry workforce;

23                         “(8) the transportation department of the  
24           State;

1 “(9) metropolitan planning organizations;

2 “(10) local governments;

3 “(11) the environmental protection department  
4 of the State, if applicable;

5 “(12) the air resources board of the State, if  
6 applicable;

7 “(13) economic development agencies of the  
8 State; and

9 “(14) not-for-profit organizations or community  
10 organizations.”;

11 (2) in subsection (b)(5), by striking “70202.”  
12 and inserting “70202, including by providing advice  
13 regarding the development of the freight investment  
14 plan.”;

15 (3) by redesignating subsection (b) as sub-  
16 section (c); and

17 (4) by inserting after subsection (a) the fol-  
18 lowing:

19 “(b) **QUALIFICATIONS.**—Each member of a freight  
20 advisory committee established under subsection (a) shall  
21 have qualifications sufficient to serve on a freight advisory  
22 committee, including, as applicable—

23 “(1) general business and financial experience;

24 “(2) experience or qualifications in the areas of  
25 freight transportation and logistics;

1 “(3) experience in transportation planning;

2 “(4) experience representing employees of the  
3 freight industry;

4 “(5) experience representing a State, local gov-  
5 ernment, or metropolitan planning organization; or

6 “(6) experience representing the views of a  
7 community group or not-for-profit organization.”.

## 8 **Subtitle B—Multimodal Investment**

### 9 **SEC. 6201. NATIONAL INFRASTRUCTURE PROJECT ASSIST- 10 ANCE.**

11 Subtitle III of title 49, United States Code, is amend-  
12 ed by adding at the end the following:

### 13 **“CHAPTER 67—MULTIMODAL 14 INFRASTRUCTURE INVESTMENTS**

“6701. National infrastructure project assistance.

“6702. Local and regional project assistance.

#### 15 **“§ 6701. National infrastructure project assistance**

16 “(a) DEFINITIONS.—In this section:

17 “(1) DEPARTMENT.—The term ‘Department’  
18 means the Department of Transportation.

19 “(2) ELIGIBLE ENTITY.—The term ‘eligible en-  
20 tity’ means—

21 “(A) a State or a group of States;

22 “(B) a metropolitan planning organization;

23 “(C) a unit of local government;

24 “(D) a political subdivision of a State;

1           “(E) a special purpose district or public  
2 authority with a transportation function, includ-  
3 ing a port authority;

4           “(F) a Tribal government or a consortium  
5 of Tribal governments;

6           “(G) a partnership between Amtrak and 1  
7 or more entities described in subparagraphs (A)  
8 through (F); and

9           “(H) a group of entities described in any  
10 of subparagraphs (A) through (G).

11           “(3) PROGRAM.—The term ‘program’ means  
12 the program established by subsection (b).

13           “(4) SECRETARY.—The term ‘Secretary’ means  
14 the Secretary of Transportation.

15           “(5) STATE.—The term ‘State’ means—

16           “(A) any of the several States;

17           “(B) the District of Columbia;

18           “(C) the Commonwealth of Puerto Rico;

19           “(D) the Commonwealth of the Northern  
20 Mariana Islands;

21           “(E) the United States Virgin Islands;

22           “(F) Guam;

23           “(G) American Samoa; and

24           “(H) any other territory or possession of  
25 the United States.

1           “(b) ESTABLISHMENT.—There is established a pro-  
2 gram under which the Secretary shall provide to eligible  
3 entities grants, on a competitive basis pursuant to single-  
4 year or multiyear grant agreements, for projects described  
5 in subsection (d).

6           “(c) APPLICATIONS.—

7                 “(1) IN GENERAL.—To be eligible for a grant  
8 under the program, an eligible entity shall submit to  
9 the Secretary an application at such time, in such  
10 manner, and containing such information as the Sec-  
11 retary determines to be appropriate.

12                 “(2) PLAN FOR DATA COLLECTION.—An appli-  
13 cation under paragraph (1) shall include a plan for  
14 data collection and analysis described in subsection  
15 (g).

16           “(d) ELIGIBLE PROJECTS.—The Secretary may pro-  
17 vide a grant under the program only for a project—

18                 “(1) that is—

19                         “(A) a highway or bridge project carried  
20 out on—

21                                 “(i) the National Multimodal Freight  
22 Network established under section 70103;

23                                 “(ii) the National Highway Freight  
24 Network established under section 167 of  
25 title 23; or

1 “(iii) the National Highway System  
2 (as defined in section 101(a) of title 23);

3 “(B) a freight intermodal (including public  
4 ports) or freight rail project that provides a  
5 public benefit;

6 “(C) a railway-highway grade separation  
7 or elimination project;

8 “(D) an intercity passenger rail project;

9 “(E) a public transportation project that  
10 is—

11 “(i) eligible for assistance under chap-  
12 ter 53; and

13 “(ii) part of a project described in any  
14 of subparagraphs (A) through (D); or

15 “(F) a grouping, combination, or program  
16 of interrelated, connected, or dependent projects  
17 of any of the projects described in subpara-  
18 graphs (A) through (E); and

19 “(2) the eligible project costs of which are—

20 “(A) reasonably anticipated to equal or ex-  
21 ceed \$500,000,000; or

22 “(B) for any project funded by the set-  
23 aside under subsection (m)(2)—

24 “(i) more than \$100,000,000; but

25 “(ii) less than \$500,000,000.





1           “(E) the applicant has, or will have, suffi-  
2           cient legal, financial, and technical capacity to  
3           carry out the project.

4           “(2) EVALUATION CRITERIA.—In awarding a  
5           grant under the program, the Secretary shall evalu-  
6           ate—

7           “(A) the extent to which a project supports  
8           achieving a state of good repair for each exist-  
9           ing asset to be improved by the project;

10          “(B) the level of benefits a project is ex-  
11          pected to generate, including—

12               “(i) the costs avoided by the preven-  
13               tion of closure or reduced use of the asset  
14               to be improved by the project;

15               “(ii) reductions in maintenance costs  
16               over the life of the applicable asset;

17               “(iii) safety benefits, including the re-  
18               duction of serious injuries and fatalities  
19               and related costs;

20               “(iv) improved person or freight  
21               throughput, including improved mobility  
22               and reliability; and

23               “(v) environmental benefits and  
24               health impacts, such as—

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1                   “(I) reductions in greenhouse gas  
2                   emissions;

3                   “(II) air quality benefits;

4                   “(III) preventing stormwater  
5                   runoff that would be a detriment to  
6                   aquatic species; and

7                   “(IV) improved infrastructure re-  
8                   silience;

9                   “(C) the benefits of the project, as com-  
10                  pared to the costs of the project;

11                  “(D) the number of persons or volume of  
12                  freight, as applicable, supported by the project;  
13                  and

14                  “(E) national and regional economic bene-  
15                  fits of the project, including with respect to  
16                  short- and long-term job access, growth, or cre-  
17                  ation.

18                  “(3) ADDITIONAL CONSIDERATIONS.—In select-  
19                  ing projects to receive grants under the program, the  
20                  Secretary shall take into consideration—

21                  “(A) contributions to geographical diver-  
22                  sity among grant recipients, including a balance  
23                  between the needs of rural and urban commu-  
24                  nities;

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1                   “(B) whether multiple States would benefit  
2                   from a project;

3                   “(C) whether, and the degree to which, a  
4                   project uses—

5                   “(i) construction materials or ap-  
6                   proaches that have—

7                   “(I) demonstrated reductions in  
8                   greenhouse gas emissions; or

9                   “(II) reduced the need for main-  
10                  tenance of other projects; or

11                  “(ii) technologies that will allow for  
12                  future connectivity and automation;

13                  “(D) whether a project would benefit—

14                  “(i) a historically disadvantaged com-  
15                  munity or population; or

16                  “(ii) an area of persistent poverty;

17                  “(E) whether a project benefits users of  
18                  multiple modes of transportation, including—

19                  “(i) pedestrians;

20                  “(ii) bicyclists; and

21                  “(iii) users of nonvehicular rail and  
22                  public transportation, including intercity  
23                  and commuter rail; and

24                  “(F) whether a project improves  
25                  connectivity between modes of transportation

1 moving persons or goods nationally or region-  
2 ally.

3 “(4) RATINGS.—

4 “(A) IN GENERAL.—In evaluating applica-  
5 tions for a grant under the program, the Sec-  
6 retary shall assign the project proposed in the  
7 application a rating described in subparagraph  
8 (B), based on the information contained in the  
9 applicable notice published under paragraph  
10 (5).

11 “(B) RATINGS.—

12 “(i) HIGHLY RECOMMENDED.—The  
13 Secretary shall assign a rating of ‘highly  
14 recommended’ to projects that, in the de-  
15 termination of the Secretary—

16 “(I) are exemplary projects of  
17 national or regional significance; and

18 “(II) would provide significant  
19 public benefit, as determined based on  
20 the applicable criteria described in  
21 this subsection, if funded under the  
22 program.

23 “(ii) RECOMMENDED.—The Secretary  
24 shall assign a rating of ‘recommended’ to

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1 projects that, in the determination of the  
2 Secretary—

3 “(I) are of national or regional  
4 significance; and

5 “(II) would provide public ben-  
6 efit, as determined based on the appli-  
7 cable criteria described in this sub-  
8 section, if funded under the program.

9 “(iii) NOT RECOMMENDED.—The Sec-  
10 retary shall assign a rating of ‘not rec-  
11 ommended’ to projects that, in the deter-  
12 mination of the Secretary, should not re-  
13 ceive a grant under the program, based on  
14 the applicable criteria described in this  
15 subsection.

16 “(C) TECHNICAL ASSISTANCE.—

17 “(i) IN GENERAL.—On request of an  
18 eligible entity that submitted an applica-  
19 tion under subsection (c) for a project that  
20 is not selected to receive a grant under the  
21 program, the Secretary shall provide to the  
22 eligible entity technical assistance and  
23 briefings relating to the project.

24 “(ii) TREATMENT.—Technical assist-  
25 ance provided under this subparagraph

1 shall not be considered a guarantee of fu-  
2 ture selection of the applicable project  
3 under the program.

4 “(5) PUBLICATION OF PROJECT EVALUATION  
5 AND SELECTION CRITERIA.—Not later than 90 days  
6 after the date of enactment of this chapter, the Sec-  
7 retary shall publish and make publicly available on  
8 the website of the Department a notice that contains  
9 a detailed explanation of—

10 “(A) the method by which the Secretary  
11 will determine whether a project satisfies the  
12 applicable requirements described in paragraph  
13 (1);

14 “(B) any additional ratings the Secretary  
15 may assign to determine the means by which a  
16 project addresses the selection criteria and ad-  
17 ditional considerations described in paragraphs  
18 (2) and (3); and

19 “(C) the means by which the project re-  
20 quirements and ratings referred to in subpara-  
21 graphs (A) and (B) will be used to assign an  
22 overall rating for the project under paragraph  
23 (4).

24 “(6) PROJECT SELECTION PRIORITY.—In  
25 awarding grants under the program, the Secretary

1 shall give priority to projects to which the Secretary  
2 has assigned a rating of ‘highly recommended’ under  
3 paragraph (4)(B)(i).

4 “(g) DATA COLLECTION AND ANALYSIS.—

5 “(1) PLAN.—

6 “(A) IN GENERAL.—An eligible entity  
7 seeking a grant under the program shall submit  
8 to the Secretary, together with the grant appli-  
9 cation, a plan for the collection and analysis of  
10 data to identify in accordance with the frame-  
11 work established under paragraph (2)—

12 “(i) the impacts of the project; and

13 “(ii) the accuracy of any forecast pre-  
14 pared during the development phase of the  
15 project and included in the grant applica-  
16 tion.

17 “(B) CONTENTS.—A plan under subpara-  
18 graph (A) shall include—

19 “(i) an approach to measuring—

20 “(I) the criteria described in sub-  
21 section (f)(2); and

22 “(II) if applicable, the additional  
23 requirements described in subsection  
24 (f)(3);



1                   “(ii) an approach for analyzing the  
2 consistency of predicted project character-  
3 istics with actual outcomes; and

4                   “(iii) any other elements that the Sec-  
5 retary determines to be necessary.

6                   “(2) FRAMEWORK.—The Secretary may publish  
7 a standardized framework for the contents of the  
8 plans under paragraph (1), which may include, as  
9 appropriate—

10                   “(A) standardized forecasting and meas-  
11 urement approaches;

12                   “(B) data storage system requirements;  
13 and

14                   “(C) any other requirements the Secretary  
15 determines to be necessary to carry out this  
16 section.

17                   “(3) MULTIYEAR GRANT AGREEMENTS.—The  
18 Secretary shall require an eligible entity, as a condi-  
19 tion of receiving funding pursuant to a multiyear  
20 grant agreement under the program, to collect addi-  
21 tional data to measure the impacts of the project  
22 and to accurately track improvements made by the  
23 project, in accordance with a plan described in para-  
24 graph (1).

25                   “(4) REPORTS.—

1           “(A) PROJECT BASELINE.—Before the  
2           date of completion of a project for which a  
3           grant is provided under the program, the eligi-  
4           ble entity carrying out the project shall submit  
5           to the Secretary a report providing baseline  
6           data for the purpose of analyzing the long-term  
7           impact of the project in accordance with the  
8           framework established under paragraph (2).

9           “(B) UPDATED REPORT.—Not later than 6  
10          years after the date of completion of a project  
11          for which a grant is provided under the pro-  
12          gram, the eligible entity carrying out the  
13          project shall submit to the Secretary a report  
14          that compares the baseline data included in the  
15          report under subparagraph (A) to project data  
16          collected during the period—

17                 “(i) beginning on the date that is 5  
18                 years after the date of completion of the  
19                 project; and

20                 “(ii) ending on the date on which the  
21                 updated report is submitted.

22          “(h) ELIGIBLE PROJECT COSTS.—

23                 “(1) IN GENERAL.—An eligible entity may use  
24                 a grant provided under the program for—

1           “(A) development-phase activities and  
2 costs, including planning, feasibility analysis,  
3 revenue forecasting, alternatives analysis, data  
4 collection and analysis, environmental review  
5 and activities to support environmental review,  
6 preliminary engineering and design work, and  
7 other preconstruction activities, including the  
8 preparation of a data collection and post-con-  
9 struction analysis plan under subsection (g);  
10 and

11           “(B) construction, reconstruction, rehabili-  
12 tation, acquisition of real property (including  
13 land relating to the project and improvements  
14 to that land), environmental mitigation (includ-  
15 ing projects to replace or rehabilitate culverts  
16 or reduce stormwater runoff for the purpose of  
17 improving habitat for aquatic species), con-  
18 struction contingencies, acquisition of equip-  
19 ment, protection, and operational improvements  
20 directly relating to the project.

21           “(2) INTEREST AND OTHER FINANCING  
22 COSTS.—The interest and other financing costs of  
23 carrying out any part of a project under a multiyear  
24 grant agreement within a reasonable period of time  
25 shall be considered to be an eligible project cost only

1 if the applicable eligible entity certifies to the Sec-  
2 retary that the eligible entity has demonstrated rea-  
3 sonable diligence in seeking the most favorable fi-  
4 nancing terms.

5 “(i) COST SHARING.—

6 “(1) IN GENERAL.—The total amount awarded  
7 for a project under the program may not exceed 60  
8 percent of the total eligible project costs described in  
9 subsection (h).

10 “(2) MAXIMUM FEDERAL INVOLVEMENT.—

11 “(A) IN GENERAL.—Subject to subpara-  
12 graph (B), Federal assistance other than a  
13 grant awarded under the program may be pro-  
14 vided for a project for which a grant is awarded  
15 under the program.

16 “(B) LIMITATION.—The total amount of  
17 Federal assistance provided for a project for  
18 which a grant is awarded under the program  
19 shall not exceed 80 percent of the total cost of  
20 the project.

21 “(C) NON-FEDERAL SHARE.—Secured  
22 loans or financing provided under section 603  
23 of title 23 or section 22402 of this title and re-  
24 paid with local funds or revenues shall be con-

1           sidered to be part of the local share of the cost  
2           of a project.

3           “(3) APPLICATION TO MULTIYEAR AGREE-  
4           MENTS.—Notwithstanding any other provision of  
5           this title, in any case in which amounts are provided  
6           under the program pursuant to a multiyear agree-  
7           ment, the disbursed Federal share of the cost of the  
8           project may exceed the limitations described in para-  
9           graphs (1) and (2)(B) for 1 or more years if the  
10          total amount of the Federal share of the cost of the  
11          project, once completed, does not exceed those limi-  
12          tations.

13          “(j) GRANT AGREEMENTS.—

14                 “(1) IN GENERAL.—A project for which an eli-  
15                 gible entity receives a multiyear grant under the pro-  
16                 gram shall be carried out in accordance with this  
17                 subsection.

18                 “(2) TERMS.—A multiyear grant agreement  
19                 under this subsection shall—

20                         “(A) establish the terms of Federal partici-  
21                         pation in the applicable project;

22                         “(B) establish the maximum amount of  
23                         Federal financial assistance for the project;

1           “(C) establish a schedule of anticipated  
2 Federal obligations for the project that provides  
3 for obligation of the full grant amount;

4           “(D) describe the period of time for com-  
5 pleting the project, regardless of whether that  
6 period extends beyond the period of an author-  
7 ization; and

8           “(E) facilitate timely and efficient manage-  
9 ment of the applicable project by the eligible en-  
10 tity carrying out the project, in accordance with  
11 applicable law.

12           “(3) SPECIAL RULES.—

13           “(A) IN GENERAL.—A multiyear grant  
14 agreement under this subsection—

15           “(i) shall provide for the obligation of  
16 an amount of available budget authority  
17 specified in law;

18           “(ii) may include a commitment, con-  
19 tingent on amounts to be specified in law  
20 in advance for commitments under this  
21 paragraph, to obligate an additional  
22 amount from future available budget au-  
23 thority specified in law; and

24           “(iii) shall provide that any funds dis-  
25 bursed under the program for the project

1 before the completion of any review re-  
2 quired under the National Environmental  
3 Policy Act of 1969 (42 U.S.C. 4321 et  
4 seq.) may only cover costs associated with  
5 development-phase activities described in  
6 subsection (h)(1)(A).

7 “(B) CONTINGENT COMMITMENT.—A con-  
8 tingent commitment under this paragraph is  
9 not an obligation of the Federal Government,  
10 including for purposes of section 1501 of title  
11 31.

12 “(4) SINGLE-YEAR GRANTS.—The Secretary  
13 may only provide to an eligible entity a full grant  
14 under the program in a single year if all reviews re-  
15 quired under the National Environmental Policy Act  
16 of 1969 (42 U.S.C. 4321 et seq.) with respect to the  
17 applicable project have been completed before the re-  
18 ceipt of any program funds.

19 “(k) CONGRESSIONAL NOTIFICATION.—

20 “(1) IN GENERAL.—Not later than 30 days be-  
21 fore the date on which the Secretary publishes the  
22 selection of projects to receive grants under the pro-  
23 gram, the Secretary shall submit to the Committee  
24 on Commerce, Science, and Transportation of the  
25 Senate and the Committee on Transportation and

1 Infrastructure of the House of Representatives a  
2 written notice that includes—

3 “(A) a list of all project applications re-  
4 viewed by the Secretary as part of the selection  
5 process;

6 “(B) the rating assigned to each project  
7 under subsection (f)(4);

8 “(C) an evaluation and justification with  
9 respect to each project for which the Secretary  
10 will—

11 “(i) provide a grant under the pro-  
12 gram; and

13 “(ii) enter into a multiyear grant  
14 agreement under the program;

15 “(D) a description of the means by which  
16 the Secretary anticipates allocating among se-  
17 lected projects the amounts made available to  
18 the Secretary to carry out the program; and

19 “(E) anticipated funding levels required  
20 for the 3 fiscal years beginning after the date  
21 of submission of the notice for projects selected  
22 for grants under the program, based on infor-  
23 mation available to the Secretary as of that  
24 date.



1           “(2) CONGRESSIONAL DISAPPROVAL.—The Sec-  
2           retary may not provide a grant or any other obliga-  
3           tion or commitment to fund a project under the pro-  
4           gram if a joint resolution is enacted disapproving  
5           funding for the project before the last day of the 30-  
6           day period described in paragraph (1).

7           “(1) REPORTS.—

8           “(1) TRANSPARENCY.—Not later than 60 days  
9           after the date on which the grants are announced  
10          under the program, the Secretary shall publish on  
11          the website of the Department a report that in-  
12          cludes—

13                 “(A) a list of all project applications re-  
14                 viewed by the Secretary as part of the selection  
15                 process under the program;

16                 “(B) the rating assigned to each project  
17                 under subsection (f)(4); and

18                 “(C) a description of each project for  
19                 which a grant has been provided under the pro-  
20                 gram.

21          “(2) COMPTROLLER GENERAL.—

22                 “(A) ASSESSMENT.—The Comptroller Gen-  
23                 eral of the United States shall conduct an as-  
24                 sessment of the administrative establishment,  
25                 solicitation, selection, and justification process

1 with respect to the funding of grants under the  
2 program.

3 “(B) REPORT.—Not later than 18 months  
4 after the date on which the initial grants are  
5 awarded for projects under the program, the  
6 Comptroller General shall submit to the Com-  
7 mittee on Commerce, Science, and Transpor-  
8 tation of the Senate and the Committee on  
9 Transportation and Infrastructure of the House  
10 of Representatives a report that describes, as  
11 applicable—

12 “(i) the adequacy and fairness of the  
13 process by which the projects were se-  
14 lected; and

15 “(ii) the justification and criteria used  
16 for the selection of the projects.

17 “(m) AUTHORIZATION OF APPROPRIATIONS.—

18 “(1) IN GENERAL.—There is authorized to be  
19 appropriated to the Secretary to carry out the pro-  
20 gram \$2,000,000,000 for each of fiscal years 2022  
21 through 2026.

22 “(2) OTHER PROJECTS.—Of the amounts made  
23 available under paragraph (1), 50 percent shall be  
24 set aside for projects that have a project cost of—

25 “(A) more than \$100,000,000; but

1                   “(B) less than \$500,000,000.

2                   “(3) ADMINISTRATIVE EXPENSES.—Of the  
3 amounts made available to carry out the program  
4 for each fiscal year, the Secretary may reserve not  
5 more than 2 percent for the costs of—

6                   “(A) administering and overseeing the pro-  
7 gram; and

8                   “(B) hiring personnel for the program, in-  
9 cluding personnel dedicated to processing per-  
10 mitting and environmental review issues.

11                   “(4) TRANSFER OF AUTHORITY.—The Sec-  
12 retary may transfer any portion of the amounts re-  
13 served under paragraph (3) for a fiscal year to the  
14 Administrator of any of the Federal Highway Ad-  
15 ministration, the Federal Transit Administration,  
16 the Federal Railroad Administration, or the Mari-  
17 time Administration to award and oversee grants in  
18 accordance with this section.

19                   “(n) ADDITIONAL REQUIREMENTS.—

20                   “(1) IN GENERAL.—Each project that receives  
21 a grant under this chapter shall achieve compliance  
22 with the applicable requirements of—

23                   “(A) subchapter IV of chapter 31 of title  
24 40;

1 “(B) title VI of the Civil Rights Act of  
2 1964 (42 U.S.C. 2000d et seq.); and

3 “(C) the National Environmental Policy  
4 Act of 1969 (42 U.S.C. 4321 et seq.).

5 “(2) MODAL REQUIREMENTS.—The Secretary  
6 shall, with respect to a project funded by a grant  
7 under this section, apply—

8 “(A) the requirements of title 23 to a high-  
9 way, road, or bridge project;

10 “(B) the requirements of chapter 53 to a  
11 transit project; and

12 “(C) the requirements of section 22905 to  
13 a rail project.

14 “(3) MULTIMODAL PROJECTS.—

15 “(A) IN GENERAL.—Except as otherwise  
16 provided in this paragraph, if an eligible project  
17 is a multimodal project, the Secretary shall—

18 “(i) determine the predominant modal  
19 component of the project; and

20 “(ii) apply the applicable requirements  
21 described in paragraph (2) of the predomi-  
22 nant modal component to the project.

23 “(B) EXCEPTIONS.—

24 “(i) PASSENGER OR FREIGHT RAIL  
25 COMPONENT.—The requirements of section

1 22905 shall apply to any passenger or  
2 freight rail component of a project.

3 “(ii) PUBLIC TRANSPORTATION COM-  
4 PONENT.—The requirements of section  
5 5333 shall apply to any public transpor-  
6 tation component of a project.”.

7 **SEC. 6202. LOCAL AND REGIONAL PROJECT ASSISTANCE.**

8 (a) IN GENERAL.—Chapter 67 of subtitle III of title  
9 49, United States Code (as added by section 6201), is  
10 amended by adding at the end the following:

11 **“§ 6702. Local and regional project assistance**

12 “(a) DEFINITIONS.—In this section:

13 “(1) AREA OF PERSISTENT POVERTY.—The  
14 term ‘area of persistent poverty’ means—

15 “(A) any county (or equivalent jurisdic-  
16 tion) in which, during the 30-year period ending  
17 on the date of enactment of this chapter, 20  
18 percent or more of the population continually  
19 lived in poverty, as measured by—

20 “(i) the 1990 decennial census;

21 “(ii) the 2000 decennial census; and

22 “(iii) the most recent annual small  
23 area income and poverty estimate of the  
24 Bureau of the Census;

1           “(B) any census tract with a poverty rate  
2 of not less than 20 percent, as measured by the  
3 5-year data series available from the American  
4 Community Survey of the Bureau of the Census  
5 for the period of 2014 through 2018; and

6           “(C) any territory or possession of the  
7 United States.

8           “(2) ELIGIBLE ENTITY.—The term ‘eligible en-  
9 tity’ means—

10           “(A) a State;

11           “(B) the District of Columbia;

12           “(C) any territory or possession of the  
13 United States;

14           “(D) a unit of local government;

15           “(E) a public agency or publicly chartered  
16 authority established by 1 or more States;

17           “(F) a special purpose district or public  
18 authority with a transportation function, includ-  
19 ing a port authority;

20           “(G) a federally recognized Indian Tribe or  
21 a consortium of such Indian Tribes;

22           “(H) a transit agency; and

23           “(I) a multi-State or multijurisdictional  
24 group of entities described in any of subpara-  
25 graphs (A) through (H).

1           “(3) ELIGIBLE PROJECT.—The term ‘eligible  
2 project’ means—

3           “(A) a highway or bridge project eligible  
4 for assistance under title 23;

5           “(B) a public transportation project eligi-  
6 ble for assistance under chapter 53;

7           “(C) a passenger rail or freight rail trans-  
8 portation project eligible for assistance under  
9 this title;

10           “(D) a port infrastructure investment, in-  
11 cluding—

12           “(i) inland port infrastructure; and

13           “(ii) a land port-of-entry;

14           “(E) the surface transportation compo-  
15 nents of an airport project eligible for assist-  
16 ance under part B of subtitle VII;

17           “(F) a project for investment in a surface  
18 transportation facility located on Tribal land,  
19 the title or maintenance responsibility of which  
20 is vested in the Federal Government;

21           “(G) a project to replace or rehabilitate a  
22 culvert or prevent stormwater runoff for the  
23 purpose of improving habitat for aquatic species  
24 that will advance the goal of the program de-  
25 scribed in subsection (b)(2); and

1           “(H) any other surface transportation in-  
2           frastructure project that the Secretary con-  
3           siders to be necessary to advance the goal of  
4           the program.

5           “(4) PROGRAM.—The term ‘program’ means  
6           the Local and Regional Project Assistance Program  
7           established under subsection (b)(1).

8           “(5) RURAL AREA.—The term ‘rural area’  
9           means an area that is located outside of an urban-  
10          ized area.

11          “(6) SECRETARY.—The term ‘Secretary’ means  
12          the Secretary of Transportation.

13          “(7) URBANIZED AREA.—The term ‘urbanized  
14          area’ means an area with a population of more than  
15          200,000 residents, based on the most recent decen-  
16          nial census.

17          “(b) ESTABLISHMENT.—

18                 “(1) IN GENERAL.—The Secretary shall estab-  
19                 lish and carry out a program, to be known as the  
20                 ‘Local and Regional Project Assistance Program’, to  
21                 provide for capital investments in surface transpor-  
22                 tation infrastructure.

23                 “(2) GOAL.—The goal of the program shall be  
24                 to fund eligible projects that will have a significant



1 local or regional impact and improve transportation  
2 infrastructure.

3 “(c) GRANTS.—

4 “(1) IN GENERAL.—In carrying out the pro-  
5 gram, the Secretary may make grants to eligible en-  
6 tities, on a competitive basis, in accordance with this  
7 section.

8 “(2) AMOUNT.—Except as otherwise provided  
9 in this section, each grant made under the program  
10 shall be in an amount equal to—

11 “(A) not less than \$5,000,000 for an ur-  
12 banized area;

13 “(B) not less than \$1,000,000 for a rural  
14 area; and

15 “(C) not more than \$25,000,000.

16 “(3) LIMITATION.—Not more than 15 percent  
17 of the funds made available to carry out the pro-  
18 gram for a fiscal year may be awarded to eligible  
19 projects in a single State during that fiscal year.

20 “(d) SELECTION OF ELIGIBLE PROJECTS.—

21 “(1) NOTICE OF FUNDING OPPORTUNITY.—Not  
22 later than 60 days after the date on which funds are  
23 made available to carry out the program, the Sec-  
24 retary shall publish a notice of funding opportunity  
25 for the funds.

1           “(2) APPLICATIONS.—To be eligible to receive a  
2 grant under the program, an eligible entity shall  
3 submit to the Secretary an application—

4           “(A) in such form and containing such in-  
5 formation as the Secretary considers to be ap-  
6 propriate; and

7           “(B) by such date as the Secretary may  
8 establish, subject to the condition that the date  
9 shall be not later than 90 days after the date  
10 on which the Secretary issues the solicitation  
11 under paragraph (1).

12           “(3) PRIMARY SELECTION CRITERIA.—In  
13 awarding grants under the program, the Secretary  
14 shall evaluate the extent to which a project—

15           “(A) improves safety;

16           “(B) improves environmental sustain-  
17 ability;

18           “(C) improves the quality of life of rural  
19 areas or urbanized areas;

20           “(D) increases economic competitiveness  
21 and opportunity, including increasing tourism  
22 opportunities;

23           “(E) contributes to a state of good repair;  
24 and

1                   “(F) improves mobility and community  
2                   connectivity.

3                   “(4) ADDITIONAL SELECTION CRITERIA.—In  
4                   selecting projects to receive grants under the pro-  
5                   gram, the Secretary shall take into consideration the  
6                   extent to which—

7                   “(A) the project sponsors collaborated with  
8                   other public and private entities;

9                   “(B) the project adopts innovative tech-  
10                  nologies or techniques, including—

11                   “(i) innovative technology;

12                   “(ii) innovative project delivery tech-  
13                  niques; and

14                   “(iii) innovative project financing;

15                   “(C) the project has demonstrated readi-  
16                  ness; and

17                   “(D) the project is cost effective.

18                   “(5) TRANSPARENCY.—

19                   “(A) IN GENERAL.—The Secretary, shall  
20                  evaluate, through a methodology that is discern-  
21                  ible and transparent to the public, the means by  
22                  which each application submitted under para-  
23                  graph (2) addresses the criteria under para-  
24                  graphs (3) and (4) or otherwise established by  
25                  the Secretary.

1           “(B) PUBLICATION.—The methodology  
2           under subparagraph (A) shall be published by  
3           the Secretary as part of the notice of funding  
4           opportunity under the program.

5           “(6) AWARDS.—Not later than 270 days after  
6           the date on which amounts are made available to  
7           provide grants under the program for a fiscal year,  
8           the Secretary shall announce the selection by the  
9           Secretary of eligible projects to receive the grants in  
10          accordance with this section.

11          “(7) TECHNICAL ASSISTANCE.—

12                 “(A) IN GENERAL.—On request of an eligi-  
13                 ble entity that submitted an application under  
14                 paragraph (2) for a project that is not selected  
15                 to receive a grant under the program, the Sec-  
16                 retary shall provide to the eligible entity tech-  
17                 nical assistance and briefings relating to the  
18                 project.

19                 “(B) TREATMENT.—Technical assistance  
20                 provided under this paragraph shall not be con-  
21                 sidered a guarantee of future selection of the  
22                 applicable project under the program.

23          “(e) FEDERAL SHARE.—

24                 “(1) IN GENERAL.—Except as provided in para-  
25                 graph (2), the Federal share of the cost of an eligi-

1 ble project carried out using a grant provided under  
2 the program shall not exceed 80 percent.

3 “(2) EXCEPTION.—The Federal share of the  
4 cost of an eligible project carried out in a rural area,  
5 a historically disadvantaged community, or an area  
6 of persistent poverty using a grant under this sub-  
7 section may exceed 80 percent, at the discretion of  
8 the Secretary.

9 “(3) TREATMENT OF OTHER FEDERAL  
10 FUNDS.—Amounts provided under any of the fol-  
11 lowing programs shall be considered to be a part of  
12 the non-Federal share for purposes of this sub-  
13 section:

14 “(A) The tribal transportation program  
15 under section 202 of title 23.

16 “(B) The Federal lands transportation  
17 program under section 203 of title 23.

18 “(C) The TIFIA program (as defined in  
19 section 601(a) of title 23).

20 “(D) The Railroad Rehabilitation and Im-  
21 provement Financing Program under chapter  
22 224.

23 “(f) OTHER CONSIDERATIONS.—

1           “(1) IN GENERAL.—Of the total amount made  
2 available to carry out the program for each fiscal  
3 year—

4           “(A) not more than 50 percent shall be al-  
5 located for eligible projects located in rural  
6 areas; and

7           “(B) not more than 50 percent shall be al-  
8 located for eligible projects located in urbanized  
9 areas.

10           “(2) HISTORICALLY DISADVANTAGED COMMU-  
11 NITIES AND AREAS OF PERSISTENT POVERTY.—Of  
12 the total amount made available to carry out the  
13 program for each fiscal year, not less than 1 percent  
14 shall be awarded for projects in historically dis-  
15 advantaged communities or areas of persistent pov-  
16 erty.

17           “(3) MULTIMODAL AND GEOGRAPHICAL CON-  
18 siderations.—In selecting projects to receive  
19 grants under the program, the Secretary shall take  
20 into consideration geographical and modal diversity.

21           “(g) PROJECT PLANNING.—Of the amounts made  
22 available to carry out the program for each fiscal year,  
23 not less than 5 percent shall be made available for the  
24 planning, preparation, or design of eligible projects.

1       “(h) TRANSFER OF AUTHORITY.—Of the amounts  
2 made available to carry out the program for each fiscal  
3 year, the Secretary may transfer not more than 2 percent  
4 for a fiscal year to the Administrator of any of the Federal  
5 Highway Administration, the Federal Transit Administra-  
6 tion, the Federal Railroad Administration, or the Mari-  
7 time Administration to award and oversee grants and  
8 credit assistance in accordance with this section.

9       “(i) CREDIT PROGRAM COSTS.—

10           “(1) IN GENERAL.—Subject to paragraph (2),  
11 at the request of an eligible entity, the Secretary  
12 may use a grant provided to the eligible entity under  
13 the program to pay the subsidy or credit risk pre-  
14 mium, and the administrative costs, of an eligible  
15 project that is eligible for Federal credit assistance  
16 under—

17                   “(A) chapter 224; or

18                   “(B) chapter 6 of title 23.

19           “(2) LIMITATION.—Not more than 20 percent  
20 of the funds made available to carry out the pro-  
21 gram for a fiscal year may be used to carry out  
22 paragraph (1).

23       “(j) AUTHORIZATION OF APPROPRIATIONS.—There  
24 is authorized to be appropriated to carry out this section  
25 \$1,500,000,000 for each of fiscal years 2022 through

1 2026, to remain available for a period of 3 fiscal years  
2 following the fiscal year for which the amounts are appro-  
3 priated.

4 “(k) REPORTS.—

5 “(1) ANNUAL REPORT.—The Secretary shall  
6 make available on the website of the Department of  
7 Transportation at the end of each fiscal year an an-  
8 nual report that describes each eligible project for  
9 which a grant was provided under the program dur-  
10 ing that fiscal year.

11 “(2) COMPTROLLER GENERAL.—Not later than  
12 1 year after the date on which the initial grants are  
13 awarded for eligible projects under the program, the  
14 Comptroller General of the United States shall—

15 “(A) review the administration of the pro-  
16 gram, including—

17 “(i) the solicitation process; and

18 “(ii) the selection process, including—

19 “(I) the adequacy and fairness of  
20 the process; and

21 “(II) the selection criteria; and

22 “(B) submit to the Committee on Com-  
23 merce, Science, and Transportation of the Sen-  
24 ate and the Committee on Transportation and  
25 Infrastructure of the House of Representatives



1 a report describing the findings of the review  
2 under subparagraph (A), including rec-  
3 ommendations for improving the administration  
4 of the program, if any.”.

5 (b) STUDY.—Not later than 1 year after the date of  
6 enactment of this Act, the Comptroller General of the  
7 United States shall conduct, and submit to the Committee  
8 on Commerce, Science, and Transportation of the Senate  
9 and the Committee on Transportation and Infrastructure  
10 of the House of Representatives a report describing the  
11 results of, a study of how changes to Federal share match-  
12 ing requirements and selection criteria, such as using  
13 State population data in Department discretionary pro-  
14 grams, may impact the allocations made to States.

15 (c) CLERICAL AMENDMENT.—The analysis for sub-  
16 title III of title 49, United States Code, is amended by  
17 adding at the end the following:

“CHAPTER 67—MULTIMODAL INFRASTRUCTURE INVESTMENTS

“6701. National infrastructure project assistance.

“6702. Local and regional project assistance.”.

18 **SEC. 6203. NATIONAL CULVERT REMOVAL, REPLACEMENT,**  
19 **AND RESTORATION GRANT PROGRAM.**

20 (a) IN GENERAL.—Chapter 67 of title 49, United  
21 States Code (as amended by section 6202(a)), is amended  
22 by adding at the end the following:

1 **“§ 6703. National culvert removal, replacement, and**  
2 **restoration grant program**

3 “(a) DEFINITIONS.—In this section:

4 “(1) DIRECTOR.—The term ‘Director’ means  
5 the Director of the United States Fish and Wildlife  
6 Service.

7 “(2) INDIAN TRIBE.—The term ‘Indian Tribe’  
8 has the meaning given the term in section 4 of the  
9 Indian Self-Determination and Education Assistance  
10 Act (25 U.S.C. 5304).

11 “(3) PROGRAM.—The term ‘program’ means  
12 the annual competitive grant program established  
13 under subsection (b).

14 “(4) SECRETARY.—The term ‘Secretary’ means  
15 the Secretary of Transportation.

16 “(5) UNDERSECRETARY.—The term ‘Undersec-  
17 retary’ means the Undersecretary of Commerce for  
18 Oceans and Atmosphere.

19 “(b) ESTABLISHMENT.—The Secretary, in consulta-  
20 tion with the Undersecretary, shall establish an annual  
21 competitive grant program to award grants to eligible enti-  
22 ties for projects for the replacement, removal, and repair  
23 of culverts or weirs that—

24 “(1) would meaningfully improve or restore fish  
25 passage for anadromous fish; and

26 “(2) with respect to weirs, may include—

1                   “(A) infrastructure to facilitate fish pas-  
2                   sage around or over the weir; and

3                   “(B) weir improvements.

4           “(c) ELIGIBLE ENTITIES.—An entity eligible to re-  
5           ceive a grant under the program is—

6                   “(1) a State;

7                   “(2) a unit of local government; or

8                   “(3) an Indian Tribe.

9           “(d) GRANT SELECTION PROCESS.—The Secretary,  
10           in consultation with the Undersecretary and the Director,  
11           shall establish a process for determining criteria for  
12           awarding grants under the program, subject to subsection  
13           (e).

14           “(e) PRIORITIZATION.—The Secretary, in consulta-  
15           tion with the Undersecretary and the Director, shall estab-  
16           lish procedures to prioritize awarding grants under the  
17           program to—

18                   “(1) projects that would improve fish passage  
19           for—

20                   “(A) anadromous fish stocks listed as an  
21                   endangered species or a threatened species  
22                   under section 4 of the Endangered Species Act  
23                   of 1973 (16 U.S.C. 1533);

24                   “(B) anadromous fish stocks identified by  
25                   the Undersecretary or the Director that could

1 reasonably become listed as an endangered spe-  
2 cies or a threatened species under that section;

3 “(C) anadromous fish stocks identified by  
4 the Undersecretary or the Director as prey for  
5 endangered species, threatened species, or pro-  
6 tected species, including Southern resident  
7 orcas (*Orcinus orcas*); or

8 “(D) anadromous fish stocks identified by  
9 the Undersecretary or the Director as climate  
10 resilient stocks; and

11 “(2) projects that would open up more than  
12 200 meters of upstream habitat before the end of  
13 the natural habitat.

14 “(f) FEDERAL SHARE.—The Federal share of the  
15 cost of a project carried out with a grant to a State or  
16 a unit of local government under the program shall be not  
17 more than 80 percent.

18 “(g) TECHNICAL ASSISTANCE.—The Secretary, in  
19 consultation with the Undersecretary and the Director,  
20 shall develop a process to provide technical assistance to  
21 Indian Tribes and underserved communities to assist in  
22 the project design and grant process and procedures.

23 “(h) ADMINISTRATIVE EXPENSES.—Of the amounts  
24 made available for each fiscal year to carry out the pro-  
25 gram, the Secretary, the Undersecretary, and the Director

1 may use not more than 2 percent to pay the administrative  
2 expenses necessary to carry out this section.

3 “(i) AUTHORIZATION OF APPROPRIATIONS.—There is  
4 authorized to be appropriated to carry out the program  
5 \$800,000,000 for each of fiscal years 2022 through  
6 2026.”.

7 (b) CLERICAL AMENDMENT.—The analysis for chap-  
8 ter 67 of title 49, United States Code (as added by section  
9 6202(c)), is amended by adding at the end the following:  
“6703. National culvert removal, replacement, and restoration grant program.”.

10 **SEC. 6204. NATIONAL MULTIMODAL COOPERATIVE**  
11 **FREIGHT RESEARCH PROGRAM.**

12 (a) IN GENERAL.—Chapter 702 of title 49, United  
13 States Code (as amended by section 6106(a)), is amended  
14 by inserting after section 70204 the following:

15 **“§ 70205. National multimodal cooperative freight re-**  
16 **search program**

17 “(a) ESTABLISHMENT.—Not later than 1 year after  
18 the date of enactment of this section, the Secretary of  
19 Transportation (referred to in this section as the ‘Sec-  
20 retary’) shall establish and support a national cooperative  
21 freight transportation research program.

22 “(b) ADMINISTRATION BY NATIONAL ACADEMY OF  
23 SCIENCES.—

24 “(1) IN GENERAL.—The Secretary shall enter  
25 into an agreement with the National Academy of

1 Sciences to support and carry out administrative  
2 and management activities under the program estab-  
3 lished under subsection (a).

4 “(2) ADVISORY COMMITTEE.—To assist the Na-  
5 tional Academy of Sciences in carrying out this sub-  
6 section, the National Academy shall establish an ad-  
7 visory committee, the members of which represent a  
8 cross-section of multimodal freight stakeholders, in-  
9 cluding—

10 “(A) the Department of Transportation  
11 and other relevant Federal departments and  
12 agencies;

13 “(B) State (including the District of Co-  
14 lumbia) departments of transportation;

15 “(C) units of local government, including  
16 public port authorities;

17 “(D) nonprofit entities;

18 “(E) institutions of higher education;

19 “(F) labor organizations representing em-  
20 ployees in freight industries; and

21 “(G) private sector entities representing  
22 various transportation modes.

23 “(c) ACTIVITIES.—

24 “(1) NATIONAL RESEARCH AGENDA.—

1           “(A) IN GENERAL.—The advisory com-  
2           mittee established under subsection (b)(2), in  
3           consultation with interested parties, shall rec-  
4           ommend a national research agenda for the  
5           program in accordance with subsection (d),  
6           which shall include a multiyear strategic plan.

7           “(B) ACTION BY INTERESTED PARTIES.—  
8           For purposes of subparagraph (A), an inter-  
9           ested party may—

10                   “(i) submit to the advisory committee  
11                   research proposals;

12                   “(ii) participate in merit reviews of re-  
13                   search proposals and peer reviews of re-  
14                   search products; and

15                   “(iii) receive research results.

16           “(2) RESEARCH CONTRACTS AND GRANTS.—

17           “(A) IN GENERAL.—The National Acad-  
18           emy of Sciences may award research contracts  
19           and grants under the program established  
20           under subsection (a) through—

21                   “(i) open competition; and

22                   “(ii) merit review, conducted on a reg-  
23                   ular basis.

24           “(B) EVALUATION.—

1                   “(i) PEER REVIEW.—A contract or  
2                   grant for research under subparagraph (A)  
3                   may allow peer review of the research re-  
4                   sults.

5                   “(ii) PROGRAMMATIC EVALUATIONS.—  
6                   The National Academy of Sciences may  
7                   conduct periodic programmatic evaluations  
8                   on a regular basis of a contract or grant  
9                   for research under subparagraph (A).

10                   “(C) DISSEMINATION OF FINDINGS.—The  
11                   National Academy of Sciences shall disseminate  
12                   the findings of any research conducted under  
13                   this paragraph to relevant researchers, practi-  
14                   tioners, and decisionmakers through—

15                   “(i) conferences and seminars;

16                   “(ii) field demonstrations;

17                   “(iii) workshops;

18                   “(iv) training programs;

19                   “(v) presentations;

20                   “(vi) testimony to government offi-  
21                   cials;

22                   “(vii) publicly accessible websites;

23                   “(viii) publications for the general  
24                   public; and

25                   “(ix) other appropriate means.



1           “(3) REPORT.—Not later than 1 year after the  
2           date of establishment of the program under sub-  
3           section (a), and annually thereafter, the Secretary  
4           shall make available on a public website a report  
5           that describes the ongoing research and findings  
6           under the program.

7           “(d) AREAS FOR RESEARCH.—The national research  
8           agenda under subsection (c)(1) shall consider research in  
9           the following areas:

10           “(1) Improving the efficiency and resiliency of  
11           freight movement, including—

12                   “(A) improving the connections between  
13                   rural areas and domestic and foreign markets;

14                   “(B) maximizing infrastructure utility, in-  
15                   cluding improving urban curb-use efficiency;

16                   “(C) quantifying the national impact of  
17                   blocked railroad crossings;

18                   “(D) improved techniques for estimating  
19                   and quantifying public benefits derived from  
20                   freight transportation projects; and

21                   “(E) low-cost methods to reduce conges-  
22                   tion at bottlenecks.

23           “(2) Adapting to future trends in freight, in-  
24           cluding—

1           “(A) considering the impacts of e-com-  
2 merce;

3           “(B) automation; and

4           “(C) zero-emissions transportation.

5           “(3) Workforce considerations in freight, in-  
6 cluding—

7           “(A) diversifying the freight transportation  
8 industry workforce; and

9           “(B) creating and transitioning a work-  
10 force capable of designing, deploying, and oper-  
11 ating emerging technologies.

12       “(e) FEDERAL SHARE.—

13           “(1) IN GENERAL.—The Federal share of the  
14 cost of an activity carried out under this section  
15 shall be up to 100 percent.

16           “(2) USE OF NON-FEDERAL FUNDS.—In addi-  
17 tion to using funds made available to carry out this  
18 section, the National Academy of Sciences may seek  
19 and accept additional funding from public and pri-  
20 vate entities capable of accepting funding from the  
21 Department of Transportation, States, units of local  
22 government, nonprofit entities, and the private sec-  
23 tor.

24       “(f) AUTHORIZATION OF APPROPRIATIONS.—There  
25 is authorized to be appropriated to the Secretary

1 \$3,750,000 for each fiscal year to carry out the program  
2 established under subsection (a), to remain available until  
3 expended.

4 “(g) SUNSET.—The program established under sub-  
5 section (a) shall terminate 5 years after the date of enact-  
6 ment of this section.”.

7 (b) CLERICAL AMENDMENT.—The analysis for chap-  
8 ter 702 of title 49, United States Code (as amended by  
9 section 6106(b)), is amended by inserting after the item  
10 relating to section 70204 the following:

“70205. National multimodal cooperative freight research program.”.

11 **SEC. 6205. RURAL AND TRIBAL INFRASTRUCTURE AD-**  
12 **VANCEMENT.**

13 (a) DEFINITIONS.—In this section:

14 (1) BUILD AMERICA BUREAU.—The term  
15 “Build America Bureau” means the National Sur-  
16 face Transportation and Innovative Finance Bureau  
17 established under section 116 of title 49, United  
18 States Code.

19 (2) ELIGIBLE ENTITY.—The term “eligible enti-  
20 ty” means—

21 (A) a unit of local government or political  
22 subdivision that is located outside of an urban-  
23 ized area with a population of more than  
24 150,000 residents, as determined by the Bureau  
25 of the Census;

1 (B) a State seeking to advance a project  
2 located in an area described in subparagraph  
3 (A);

4 (C) a federally recognized Indian Tribe;  
5 and

6 (D) the Department of Hawaiian Home  
7 Lands.

8 (3) ELIGIBLE PROGRAM.—The term “eligible  
9 program” means any program described in—

10 (A) subparagraph (A) or (B) of section  
11 116(d)(1) of title 49, United States Code;

12 (B) section 118(d)(3)(A) of that title (as  
13 added by section 6101(a)); or

14 (C) chapter 67 of that title (as added by  
15 section 6201).

16 (4) PILOT PROGRAM.—The term “pilot pro-  
17 gram” means the Rural and Tribal Assistance Pilot  
18 Program established under subsection (b)(1).

19 (b) ESTABLISHMENT.—

20 (1) IN GENERAL.—The Secretary shall establish  
21 within the Build America Bureau a pilot program,  
22 to be known as the “Rural and Tribal Assistance  
23 Pilot Program”, to provide to eligible entities the as-  
24 sistance and information described in paragraph (2).

1           (2) ASSISTANCE AND INFORMATION.—In car-  
2           rying out the pilot program, the Secretary may pro-  
3           vide to an eligible entity the following:

4                   (A) Financial, technical, and legal assist-  
5                   ance to evaluate potential projects reasonably  
6                   expected to be eligible to receive funding or fi-  
7                   nancing assistance under an eligible program.

8                   (B) Assistance with development-phase ac-  
9                   tivities, including—

- 10                           (i) project planning;
- 11                           (ii) feasibility studies;
- 12                           (iii) revenue forecasting and funding  
13                           and financing options analyses;
- 14                           (iv) environmental review;
- 15                           (v) preliminary engineering and de-  
16                           sign work;
- 17                           (vi) economic assessments and cost-  
18                           benefit analyses;
- 19                           (vii) public benefit studies;
- 20                           (viii) statutory and regulatory frame-  
21                           work analyses;
- 22                           (ix) value for money studies;
- 23                           (x) evaluations of costs to sustain the  
24                           project;

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1 (xi) evaluating opportunities for pri-  
2 vate financing and project bundling; and

3 (xii) any other activity determined to  
4 be appropriate by the Secretary.

5 (C) Information regarding innovative fi-  
6 nancing best practices and case studies, if the  
7 eligible entity is interested in using innovative  
8 financing methods.

9 (c) ASSISTANCE FROM EXPERT FIRMS.—The Sec-  
10 retary may retain the services of expert firms, including  
11 counsel, in the field of municipal and project finance to  
12 assist in providing financial, technical, and legal assistance  
13 to eligible entities under the pilot program.

14 (d) WEBSITE.—

15 (1) DESCRIPTION OF PILOT PROGRAM.—

16 (A) IN GENERAL.—The Secretary shall  
17 make publicly available on the website of the  
18 Department a description of the pilot program,  
19 including—

20 (i) the resources available to eligible  
21 entities under the pilot program; and

22 (ii) the application process established  
23 under paragraph (2)(A).

24 (B) CLEARINGHOUSE.—The Secretary may  
25 establish a clearinghouse for tools, templates,

1 and best practices on the page of the website of  
2 the Department that contains the information  
3 described in subparagraph (A).

4 (2) APPLICATIONS.—

5 (A) IN GENERAL.—Not later than 180  
6 days after the date of enactment of this Act,  
7 the Secretary shall establish a process by which  
8 an eligible entity may submit to the Secretary  
9 an application under the pilot program, in such  
10 form and containing such information as the  
11 Secretary may require.

12 (B) ONLINE PORTAL.—The Secretary shall  
13 develop and make available to the public an on-  
14 line portal through which the Secretary may re-  
15 ceive applications under subparagraph (A), on a  
16 rolling basis.

17 (C) APPROVAL.—

18 (i) IN GENERAL.—Not later than 60  
19 days after the date on which the Secretary  
20 receives a complete application under sub-  
21 paragraph (A), the Secretary shall provide  
22 to each eligible entity that submitted the  
23 application a notice describing whether the  
24 application is approved or disapproved.

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1 (ii) ADDITIONAL WRITTEN NOTIFICA-  
2 TION.—

3 (I) IN GENERAL.—Not later than  
4 30 days after the date on which the  
5 Secretary provides to an eligible entity  
6 a notification under clause (i), the  
7 Secretary shall provide to the eligible  
8 entity an additional written notifica-  
9 tion of the approval or disapproval of  
10 the application.

11 (II) DISAPPROVED APPLICA-  
12 TIONS.—If the application of an eligi-  
13 ble entity is disapproved under this  
14 subparagraph, the additional written  
15 notification provided to the eligible en-  
16 tity under subclause (I) shall include  
17 an offer for a written or telephonic  
18 debrief by the Secretary that will pro-  
19 vide an explanation of, and guidance  
20 regarding, the reasons why the appli-  
21 cation was disapproved.

22 (iii) INSUFFICIENT APPLICATIONS.—  
23 The Secretary shall not approve an appli-  
24 cation under this subparagraph if the ap-



1 application fails to meet the applicable cri-  
2 teria established under this section.

3 (3) DASHBOARD.—The Secretary shall publish  
4 on the website of the Department a monthly report  
5 that includes, for each application received under the  
6 pilot program—

7 (A) the type of eligible entity that sub-  
8 mitted the application;

9 (B) the location of each potential project  
10 described in the application;

11 (C) a brief description of the assistance re-  
12 quested;

13 (D) the date on which the Secretary re-  
14 ceived the application; and

15 (E) the date on which the Secretary pro-  
16 vided the notice of approval or disapproval  
17 under paragraph (2)(C)(i).

18 (e) EXPERTS.—An eligible entity that receives assist-  
19 ance under the pilot program may retain the services of  
20 an expert for any phase of a project carried out using the  
21 assistance, including project development, regardless of  
22 whether the expert is retained by the Secretary under sub-  
23 section (c).

24 (f) FUNDING.—

1           (1) IN GENERAL.—For each of fiscal years  
2           2022 through 2026, the Secretary may use to carry  
3           out the pilot program, including to retain the serv-  
4           ices of expert firms under subsection (c), any  
5           amount made available to the Secretary to provide  
6           credit assistance under an eligible program that is  
7           not otherwise obligated, subject to paragraph (2).

8           (2) LIMITATION.—The amount used under  
9           paragraph (1) to carry out the pilot program shall  
10          be not more than—

11                   (A) \$1,600,000 for fiscal year 2022;

12                   (B) \$1,800,000 for fiscal year 2023;

13                   (C) \$2,000,000 for fiscal year 2024;

14                   (D) \$2,200,000 for fiscal year 2025; and

15                   (E) \$2,400,000 for fiscal year 2026.

16          (3) GEOGRAPHICAL DISTRIBUTION.—Not more  
17          than 20 percent of the funds made available to carry  
18          out the pilot program for a fiscal year may be used  
19          for projects in a single State during that fiscal year.

20          (g) SUNSET.—The pilot program shall terminate on  
21          the date that is 5 years after the date of enactment of  
22          this Act.

23          (h) NONAPPLICABILITY.—Nothing in this section  
24          limits the ability of the Build America Bureau or the Sec-

1 retary to establish or carry out any other assistance pro-  
2 gram under title 23 or title 49, United States Code.

3 (i) ADMINISTRATION BY BUILD AMERICA BUREAU.—  
4 Section 116(d)(1) of title 49, United States Code (as  
5 amended by section 6101(d)(4)), is amended by adding  
6 at the end the following:

7 “(D) The Rural and Tribal Assistance  
8 Pilot Program established under section  
9 6205(b)(1) of the Infrastructure Investment  
10 and Jobs Act.”.

11 **Subtitle C—Railroad Rehabilita-**  
12 **tion and Improvement Financ-**  
13 **ing Reforms**

14 **SEC. 6301. RRIF CODIFICATION AND REFORMS.**

15 (a) CODIFICATION OF TITLE V OF THE RAILROAD  
16 REVITALIZATION AND REGULATORY REFORM ACT OF  
17 1976.—Part B of subtitle V of title 49, United States  
18 Code, is amended—

19 (1) by inserting after chapter 223 the following  
20 chapter analysis:

“CHAPTER 224—RAILROAD REHABILITATION AND IMPROVEMENT FINANCING

“Sec.

“22401. Definitions.

“22402. Direct loans and loan guarantees.

“22403. Administration of direct loans and loan guarantees.

“22404. Employee protection.

“22405. Substantive criteria and standards.

“22406. Authorization of appropriations.”;

1 (2) by inserting after the chapter analysis the  
2 following section headings:

3 **“§ 22401. Definitions**

4 **“§ 22402. Direct loans and loan guarantees**

5 **“§ 22403. Administration of direct loans and loan**  
6 **guarantees**

7 **“§ 22404. Employee protection”;**

8 (3) by inserting after the section heading for  
9 section 22401, as added by paragraph (2), the text  
10 of section 501 of the Railroad Revitalization and  
11 Regulatory Reform Act of 1976 (45 U.S.C. 821);

12 (4) by inserting after the section heading for  
13 section 22402, as added by paragraph (2), the text  
14 of section 502 of the Railroad Revitalization and  
15 Regulatory Reform Act of 1976 (45 U.S.C. 822);

16 (5) by inserting after the section heading for  
17 section 22403, as added by paragraph (2), the text  
18 of section 503 of the Railroad Revitalization and  
19 Regulatory Reform Act of 1976 (45 U.S.C. 823);  
20 and

21 (6) by inserting after the section heading for  
22 section 22404, as added by paragraph (2), the text  
23 of section 504 of the Railroad Revitalization and  
24 Regulatory Reform Act of 1976 (45 U.S.C. 836).

25 (b) CONFORMING REPEALS.—

1 (1) REPEALS.—

2 (A) Sections 501, 502, 503, and 504 of the  
3 Railroad Revitalization and Regulatory Reform  
4 Act of 1976 (45 U.S.C. 821, 822, 823, and  
5 836) are repealed.

6 (B) Section 9003(j) of the Safe, Account-  
7 able, Flexible, Efficient Transportation Equity  
8 Act: A Legacy for Users (45 U.S.C. 822 note)  
9 is repealed.

10 (2) SAVINGS PROVISION.—The repeals under  
11 paragraph (1) shall not affect the rights and duties  
12 that matured under the repealed sections, the pen-  
13 alties that were incurred under such sections, or any  
14 proceeding authorized under any such section that  
15 commenced before the date of enactment of this Act.

16 (c) DEFINITIONS.—

17 (1) HEADINGS.—Section 22401 of title 49,  
18 United States Code, as added by subsection (a)(2),  
19 and amended by subsection (a)(3), is further amend-  
20 ed—

21 (A) in paragraph (1)—

22 (i) by striking “(1)(A) The” and in-  
23 serting the following:

24 “(1) COST.—

25 “(A) The”; and

1 (ii) by indenting subparagraphs (B)  
2 through (F) appropriately; and  
3 (B) in each of paragraphs (2) through  
4 (14), by inserting a paragraph heading, the text  
5 of which is comprised of the term defined in the  
6 paragraph.

7 (2) OTHER TECHNICAL AMENDMENTS.—Section  
8 22401 of title 49, United States Code, as added by  
9 subsection (a)(2), and amended by subsection (a)(3)  
10 and paragraph (1) of this subsection, is further  
11 amended—

12 (A) in the matter preceding paragraph (1),  
13 by striking “For purposes of this title:” and in-  
14 serting “In this chapter:”;

15 (B) in paragraph (11), by striking “under  
16 this title” and inserting “under this chapter”;

17 (C) by amending paragraph (12) to read  
18 as follows:

19 “(12) RAILROAD.—The term ‘railroad’ in-  
20 cludes—

21 “(A) any railroad or railroad carrier (as  
22 such terms are defined in section 20102); and

23 “(B) any rail carrier (as defined in section  
24 24102).”;

1 (D) by redesignating paragraph (14) as  
2 paragraph (15); and

3 (E) by inserting after paragraph (13) the  
4 following:

5 “(14) SECRETARY.—The term ‘Secretary’  
6 means the Secretary of Transportation.”.

7 (d) DIRECT LOANS AND LOAN GUARANTEES.—Sec-  
8 tion 22402 of title 49, United States Code, as added by  
9 subsection (a)(2), and amended by subsection (a)(4), is  
10 further amended—

11 (1) in subsection (a)—

12 (A) in paragraph (2), by inserting “entities  
13 implementing” before “interstate compacts”;

14 (B) in paragraph (5)—

15 (i) by inserting “entities participating  
16 in” before “joint ventures”; and

17 (ii) by striking “and” at the end; and

18 (C) by striking paragraph (6) and insert-  
19 ing the following:

20 “(6) limited option freight shippers that own or  
21 operate a plant or other facility, solely for the pur-  
22 pose of constructing a rail connection between a  
23 plant or facility and a railroad; and

1           “(7) private entities with controlling ownership  
2           in 1 or more freight railroads other than Class I car-  
3           riers.”;

4           (2) in subsection (b)—

5           (A) by amending paragraph (1) to read as  
6           follows:

7           “(1) IN GENERAL.—Direct loans and loan guar-  
8           antees authorized under this section shall be used—

9           “(A) to acquire, improve, or rehabilitate  
10           intermodal or rail equipment or facilities, in-  
11           cluding track, components of track, cuts and  
12           fills, stations, tunnels, bridges, yards, buildings,  
13           and shops, and to finance costs related to those  
14           activities, including pre-construction costs;

15           “(B) to develop or establish new inter-  
16           modal or railroad facilities;

17           “(C) to develop landside port infrastruc-  
18           ture for seaports serviced by rail;

19           “(D) to refinance outstanding debt in-  
20           curred for the purposes described in subpara-  
21           graph (A) , (B), or (C);

22           “(E) to reimburse planning, permitting,  
23           and design expenses relating to activities de-  
24           scribed in subparagraph (A), (B), or (C); or



1           “(F) to finance economic development, in-  
2           cluding commercial and residential development,  
3           and related infrastructure and activities, that—

4                   “(i) incorporates private investment of  
5                   greater than 20 percent of total project  
6                   costs;

7                   “(ii) is physically connected to, or is  
8                   within 1/2 mile of, a fixed guideway transit  
9                   station, an intercity bus station, a pas-  
10                  senger rail station, or a multimodal sta-  
11                  tion, provided that the location includes  
12                  service by a railroad;

13                  “(iii) demonstrates the ability of the  
14                  applicant to commence the contracting  
15                  process for construction not later than 90  
16                  days after the date on which the direct  
17                  loan or loan guarantee is obligated for the  
18                  project under this chapter; and

19                  “(iv) demonstrates the ability to gen-  
20                  erate new revenue for the relevant pas-  
21                  senger rail station or service by increasing  
22                  ridership, increasing tenant lease pay-  
23                  ments, or carrying out other activities that  
24                  generate revenue exceeding costs.”; and

25           (B) by striking paragraph (3);

1 (3) in subsection (c)—

2 (A) in paragraph (1), by striking “of title  
3 49, United States Code”; and

4 (B) in paragraph (5), by striking “title 49,  
5 United States Code,” and inserting “this title”;

6 (4) in subsection (e), by amending paragraph  
7 (1) to read as follows:

8 “(1) DIRECT LOANS.—The interest rate on a  
9 direct loan under this section shall be not less than  
10 the yield on United States Treasury securities of a  
11 similar maturity to the maturity of the secured loan  
12 on the date of execution of the loan agreement.”;

13 (5) in subsection (f)—

14 (A) in paragraph (3)—

15 (i) in the matter preceding subpara-  
16 graph (A)—

17 (I) by striking “An applicant  
18 may propose and” and inserting  
19 “Upon receipt of a proposal from an  
20 applicant under this section,”; and

21 (II) by striking “tangible asset”  
22 and inserting “collateral described in  
23 paragraph (6)”;

24 (ii) in subparagraph (B)(ii), by insert-  
25 ing “, including operating or tenant

1 charges, facility rents, or other fees paid  
2 by transportation service providers or oper-  
3 ators for access to, or the use of, infra-  
4 structure, including rail lines, bridges, tun-  
5 nels, yards, or stations” after “user fees”;

6 (iii) in subparagraph (C), by striking  
7 “\$75,000,000” and inserting  
8 “\$150,000,000”; and

9 (iv) by adding at the end the fol-  
10 lowing:

11 “(D) Revenue from projected freight or  
12 passenger demand for the project based on re-  
13 gionally developed economic forecasts, including  
14 projections of any modal diversion resulting  
15 from the project.”; and

16 (B) by adding at the end the following:

17 “(5) COHORTS OF LOANS.—Subject to the  
18 availability of funds appropriated by Congress under  
19 section 22406(a)(2), for any direct loan issued be-  
20 fore the date of enactment of the Fixing America’s  
21 Surface Transportation Act (Public Law 114–94)  
22 pursuant to sections 501 through 504 of the Rail-  
23 road Revitalization and Regulatory Reform Act of  
24 1976 (Public Law 94-210), the Secretary shall repay

1 the credit risk premiums of such loan, with interest  
2 accrued thereon, not later than—

3 “(A) 60 days after the date of enactment  
4 of the Infrastructure Investment and Jobs Act  
5 if the borrower has satisfied all obligations at-  
6 tached to such loan; or

7 “(B) if the borrower has not yet satisfied  
8 all obligations attached to such loan, 60 days  
9 after the date on which all obligations attached  
10 to such loan have been satisfied.

11 “(6) COLLATERAL.—

12 “(A) TYPES OF COLLATERAL.—An appli-  
13 cant or infrastructure partner may propose tan-  
14 gible and intangible assets as collateral, exclu-  
15 sive of goodwill. The Secretary, after evaluating  
16 each such asset—

17 “(i) shall accept a net liquidation  
18 value of collateral; and

19 “(ii) shall consider and may accept—

20 “(I) the market value of collat-  
21 eral; or

22 “(II) in the case of a blanket  
23 pledge or assignment of an entire op-  
24 erating asset or basket of assets as  
25 collateral, the market value of assets,

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1 or, the market value of the going con-  
2 cern, considering—

3 “(aa) inclusion in the pledge  
4 of all the assets necessary for  
5 independent operational utility of  
6 the collateral, including tangible  
7 assets such as real property,  
8 track and structure, motive  
9 power, equipment and rolling  
10 stock, stations, systems and  
11 maintenance facilities and intan-  
12 gible assets such as long-term  
13 shipping agreements, easements,  
14 leases and access rights such as  
15 for trackage and haulage;

16 “(bb) interchange commit-  
17 ments; and

18 “(cc) the value of the asset  
19 as determined through the cost  
20 or market approaches, or the  
21 market value of the going con-  
22 cern, with the latter considering  
23 discounted cash flows for a pe-  
24 riod not to exceed the term of the  
25 direct loan or loan guarantee.

1           “(B) APPRAISAL STANDARDS.—In evalu-  
2           ating appraisals of collateral under subpara-  
3           graph (A), the Secretary shall consider—

4                   “(i) adherence to the substance and  
5                   principles of the Uniform Standards of  
6                   Professional Appraisal Practice, as devel-  
7                   oped by the Appraisal Standards Board of  
8                   the Appraisal Foundation; and

9                   “(ii) the qualifications of the apprais-  
10                  ers to value the type of collateral offered.

11           “(7) REPAYMENT OF CREDIT RISK PRE-  
12           MIUMS.—The Secretary shall return credit risk pre-  
13           miums paid, and interest accrued on such premiums,  
14           to the original source when all obligations of a loan  
15           or loan guarantee have been satisfied. This para-  
16           graph applies to any project that has been granted  
17           assistance under this section after the date of enact-  
18           ment of the Infrastructure Investment and Jobs  
19           Act.”;

20           (6) in subsection (g), by amending paragraph  
21           (1) the read as follows:

22                   “(1) repayment of the obligation is required to  
23                   be made within a term that is not longer than the  
24                   shorter of—

1           “(A) 75 years after the date of substantial  
2 completion of the project;

3           “(B) the estimated useful life of the rail  
4 equipment or facilities to be acquired, rehabili-  
5 tated, improved, developed, or established, sub-  
6 ject to an adequate determination of long-term  
7 risk; or

8           “(C) for projects determined to have an es-  
9 timated useful life that is longer than 35 years,  
10 the period that is equal to the sum of—

11                   “(i) 35 years; and

12                   “(ii) the product of—

13                           “(I) the difference between the  
14 estimated useful life and 35 years;  
15 multiplied by

16                           “(II) 75 percent.”;

17           (7) in subsection (h)—

18                   (A) in paragraph (3)—

19                           (i) in subparagraph (A)—

20                                   (I) by striking “of title 49,  
21 United States Code”;

22                                   (II) by striking “the National  
23 Railroad Passenger Corporation” and  
24 inserting “Amtrak”; and

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1 (III) by striking “of that title”;

2 and

3 (ii) in subparagraph (B), by striking

4 “section 504 of this Act” and inserting

5 “section 22404”; and

6 (B) in paragraph (4), by striking

7 “(b)(1)(E)” and inserting “(b)(1)(F)”;

8 (8) in subsection (i)—

9 (A) by amending paragraph (4) to read as

10 follows:

11 “(4) STREAMLINED APPLICATION REVIEW

12 PROCESS.—

13 “(A) IN GENERAL.—Not later than 180

14 days after the date of enactment of the Infra-

15 structure Investment and Jobs Act, the Sec-

16 retary shall implement procedures and meas-

17 ures to economize and make available an

18 streamlined application process or processes at

19 the request of applicants seeking loans or loan

20 guarantees.

21 “(B) CRITERIA.—Applicants seeking loans

22 and loan guarantees under this section shall—

23 “(i) seek a total loan or loan guar-

24 antee value not exceeding \$150,000,000;



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1 “(ii) meet eligible project purposes de-  
2 scribed in subparagraphs (A) and (B) of  
3 subsection (b)(1); and

4 “(iii) meet other criteria considered  
5 appropriate by the Secretary, in consulta-  
6 tion with the Council on Credit and Fi-  
7 nance of the Department of Transpor-  
8 tation.

9 “(C) EXPEDITED CREDIT REVIEW.—The  
10 total period between the submission of an appli-  
11 cation and the approval or disapproval of an  
12 application for a direct loan or loan guarantee  
13 under this paragraph may not exceed 90 days.  
14 If an application review conducted under this  
15 paragraph exceeds 90 days, the Secretary  
16 shall—

17 “(i) provide written notice to the ap-  
18 plicant, including a justification for the  
19 delay and updated estimate of the time  
20 needed for approval or disapproval; and

21 “(ii) publish the notice on the dash-  
22 board described in paragraph (5).”;

23 (B) in paragraph (5)—

24 (i) in subparagraph (E), by striking  
25 “and” at the end;

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1 (ii) in subparagraph (F), by adding “;  
2 and” at the end; and

3 (iii) by adding at the end the fol-  
4 lowing:

5 “(G) whether the project utilized the  
6 streamlined application process under para-  
7 graph (4).”; and

8 (C) by adding at the end the following:

9 “(6) CREDITWORTHINESS REVIEW STATUS.—

10 “(A) IN GENERAL.—The Secretary shall  
11 maintain status information related to each ap-  
12 plication for a loan or loan guarantee, which  
13 shall be provided to the applicant upon request,  
14 including—

15 “(i) the total value of the proposed  
16 loan or loan guarantee;

17 “(ii) the name of the applicant or ap-  
18 plicants submitting the application;

19 “(iii) the proposed capital structure of  
20 the project to which the loan or loan guar-  
21 antee would be applied, including the pro-  
22 posed Federal and non-Federal shares of  
23 the total project cost;

24 “(iv) the type of activity to receive  
25 credit assistance, including whether the

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1 project is new construction, the rehabilita-  
2 tion of existing rail equipment or facilities,  
3 or the refinancing an existing loan or loan  
4 guarantee;

5 “(v) if a deferred payment is pro-  
6 posed, the length of such deferment;

7 “(vi) the credit rating or ratings pro-  
8 vided for the applicant;

9 “(vii) if other credit instruments are  
10 involved, the proposed subordination rela-  
11 tionship and a description of such other  
12 credit instruments;

13 “(viii) a schedule for the readiness of  
14 proposed investments for financing;

15 “(ix) a description of any Federal per-  
16 mits required, including under the Na-  
17 tional Environmental Policy Act of 1969  
18 (42 U.S.C. 4321 et seq.) and any waivers  
19 under section 5323(j) (commonly known as  
20 the ‘Buy America Act’);

21 “(x) other characteristics of the pro-  
22 posed activity to be financed, borrower, key  
23 agreements, or the nature of the credit  
24 that the Secretary considers to be funda-  
25 mental to the creditworthiness review;

1                   “(xi) the status of the application in  
2 the pre-application review and selection  
3 process;

4                   “(xii) the cumulative amounts paid by  
5 the Secretary to outside advisors related to  
6 the application, including financial and  
7 legal advisors;

8                   “(xiii) a description of the key rating  
9 factors used by the Secretary to determine  
10 credit risk, including—

11                   “(I) the factors used to deter-  
12 mine risk for the proposed applica-  
13 tion;

14                   “(II) an adjectival risk rating for  
15 each identified factor, ranked as ei-  
16 ther low, moderate, or high;

17                   “(xiv) a nonbinding estimate of the  
18 credit risk premium, which may be in the  
19 form of—

20                   “(I) a range, based on the assess-  
21 ment of risk factors described in  
22 clause (xiii); or

23                   “(II) a justification for why the  
24 estimate of the credit risk premium

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1 cannot be determined based on avail-  
2 able information; and

3 “(xv) a description of the key infor-  
4 mation the Secretary needs from the appli-  
5 cant to complete the credit review process  
6 and make a final determination of the  
7 credit risk premium.

8 “(B) REPORT UPON REQUEST.—The Sec-  
9 retary shall provide the information described  
10 in subparagraph (A) not later than 30 days  
11 after a request from the applicant.

12 “(C) EXCEPTION.—Applications processed  
13 using the streamlined application review process  
14 under paragraph (4) are not subject to the re-  
15 quirements under this paragraph.”;

16 (9) in subsection (l)(2)(A)(iii), by striking  
17 “under this title” and inserting “under this chap-  
18 ter”;

19 (10) in subsection (m)(1), by striking “under  
20 this title” and inserting “under this chapter”; and

21 (11) by adding at the end the following:

22 “(n) NON-FEDERAL SHARE.—The proceeds of a loan  
23 provided under this section may be used as the non-Fed-  
24 eral share of project costs for any grant program adminis-

1 tered by the Secretary if such loan is repayable from non-  
2 Federal funds.”.

3 (e) ADMINISTRATION OF DIRECT LOANS AND LOAN  
4 GUARANTEES.—Section 22403 of title 49, United States  
5 Code, as added by subsection (a)(2), and amended by sub-  
6 section (a)(5), is further amended—

7 (1) in subsection (a)—

8 (A) by striking “The Secretary shall” and  
9 inserting the following:

10 “(1) IN GENERAL.—The Secretary shall”;

11 (B) in paragraph (1), as designated by  
12 subparagraph (A), by striking “section 502”  
13 and inserting “section 22402”; and

14 (C) by adding at the end the following:

15 “(2) DOCUMENTATION.—An applicant meeting  
16 the size standard for small business concerns estab-  
17 lished under section 3(a)(2) of the Small Business  
18 Act (15 U.S.C. 632(a)(2)) may provide unaudited fi-  
19 nancial statements as documentation of historical fi-  
20 nancial information if such statements are accom-  
21 panied by the applicant’s Federal tax returns and  
22 Internal Revenue Service tax verifications for the  
23 corresponding years.”;

24 (2) in subsection (d)(3), by striking “section  
25 502(f)” and inserting “section 22402(f)”;

1           (3) in subsection (l)(3)(B), by striking “serving  
2           a direct loan” and inserting “servicing a direct  
3           loan”; and

4           (4) in each of subsections (b) through (m), as  
5           applicable—

6                   (A) by striking “section 502” each place it  
7                   appears and inserting “section 22402”; and

8                   (B) by striking “this title” each place it  
9                   appears and inserting “this chapter”.

10          (f) EMPLOYEE PROTECTION.—Section 22404 of title  
11          49, United States Code, as added by subsection (a)(2),  
12          and amended by subsection (a)(6), is further amended—

13               (1) in subsection (a)—

14                   (A) by striking “not otherwise protected  
15                   under title V of the Regional Rail Reorganiza-  
16                   tion Act of 1973 (45 U.S.C. 771 et seq.),”;

17                   (B) by striking “under this title” and in-  
18                   serting “under this chapter”;

19                   (C) by striking “within 120 days after the  
20                   date of enactment of this title” and inserting  
21                   “not later than 120 days after February 5,  
22                   1976”; and

23                   (D) by striking “within 150 days after the  
24                   date of enactment of this title” and inserting

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1 “not later than 150 days after February 5,  
2 1976”;

3 (2) in subsection (b)—

4 (A) in the matter preceding paragraph  
5 (1)—

6 (i) by striking “applicable financial  
7 assistance under this title” and inserting  
8 “applicable financial assistance under this  
9 chapter”; and

10 (ii) by striking “from financial assist-  
11 ance under this title” and inserting “from  
12 financial assistance under this chapter”;

13 (B) in paragraph (3), by striking “under  
14 this title” and inserting “under this chapter”;  
15 and

16 (C) in paragraph (4), by striking “to this  
17 title” and inserting “to this chapter”; and

18 (3) in subsection (c), by striking “to this title”  
19 and inserting “to this chapter”.

20 (g) **SUBSTANTIVE CRITERIA AND STANDARDS.—**

21 Chapter 224 of title 49, United States Code, as added by  
22 subsection (a), and amended by subsections (c) through  
23 (f), is further amended by adding at the end the following:

24 **“§ 22405. Substantive criteria and standards**

25 “The Secretary shall—



1           “(1) publish in the Federal Register and post  
2           on a website of the Department of Transportation  
3           the substantive criteria and standards used by the  
4           Secretary to determine whether to approve or dis-  
5           approve applications submitted under section 22402;  
6           and

7           “(2) ensure that adequate procedures and  
8           guidelines are in place to permit the filing of com-  
9           plete applications not later than 30 days after the  
10          publication referred to in paragraph (1).”.

11          (h) AUTHORIZATION OF APPROPRIATIONS.—Chapter  
12 224 of title 49, United States Code, as added by sub-  
13 section (a), and amended by subsections (c) through (g),  
14 is further amended by adding at the end the following:

15          “**§ 22406. Authorization of appropriations.**

16          “(a) AUTHORIZATION.—

17               “(1) IN GENERAL.—There is authorized to be  
18               appropriated for credit assistance under this chap-  
19               ter, which shall be provided at the discretion of the  
20               Secretary, \$50,000,000 for each of fiscal years 2022  
21               through 2026.

22               “(2) REFUND OF PREMIUM.—There is author-  
23               ized to be appropriated to the Secretary  
24               \$70,000,000 to repay the credit risk premium in ac-  
25               cordance with section 22402(f)(5).

1           “(3) AVAILABILITY.—Amounts appropriated  
2 pursuant to this subsection shall remain available  
3 until expended.

4           “(b) USE OF FUNDS.—

5                 “(1) IN GENERAL.—Credit assistance provided  
6 under subsection (a) may not exceed \$20,000,000  
7 for any loan or loan guarantee.

8                 “(2) ADMINISTRATIVE COSTS.—Not less than 3  
9 percent of the amounts appropriated pursuant to  
10 subsection (a) in each fiscal year shall be made  
11 available to the Secretary for use in place of charges  
12 collected under section 22403(l)(1) for passenger  
13 railroads and freight railroads other than Class I  
14 carriers.

15                 “(3) SHORT LINE SET-ASIDE.—Not less than  
16 50 percent of the amounts appropriated pursuant to  
17 subsection (a)(1) for each fiscal year shall be set  
18 aside for freight railroads other than Class I car-  
19 riers.”.

20           (i) CLERICAL AMENDMENT.—The analysis for title  
21 49, United States Code, is amended by inserting after the  
22 item relating to chapter 223 the following:

**“224 . Railroad rehabilitation and improvement financ-**  
          **ing .....22401”.**

23           (j) TECHNICAL AND CONFORMING AMENDMENTS.—

1           (1) NATIONAL TRAILS SYSTEM ACT.—Section  
2           8(d) of the National Trails System Act (16 U.S.C.  
3           1247(d)) is amended by inserting “(45 U.S.C. 801  
4           et seq.) and chapter 224 of title 49, United States  
5           Code” after “1976”.

6           (2) PASSENGER RAIL REFORM AND INVEST-  
7           MENT ACT.—Section 11315(e) of the Passenger Rail  
8           Reform and Investment Act of 2015 (23 U.S.C. 322  
9           note; Public Law 114–94) is amended by striking  
10          “sections 502 and 503 of the Railroad Revitalization  
11          and Regulatory Reform Act of 1976” and inserting  
12          “sections 22402 and 22403 of title 49, United  
13          States Code”.

14          (3) PROVISIONS CLASSIFIED IN TITLE 45,  
15          UNITED STATES CODE.—

16                 (A) RAILROAD REVITALIZATION AND REG-  
17                 ULATORY REFORM ACT OF 1976.—Section 101  
18                 of the Railroad Revitalization and Regulatory  
19                 Reform Act of 1976 (45 U.S.C. 801) is amend-  
20                 ed—

21                         (i) in subsection (a), in the matter  
22                         preceding paragraph (1), by striking “It is  
23                         the purpose of the Congress in this Act to”  
24                         and inserting “The purpose of this Act and

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1 chapter 224 of title 49, United States  
2 Code, is to”]; and

3 (ii) in subsection (b), in the matter  
4 preceding paragraph (1), by striking “It is  
5 declared to be the policy of the Congress in  
6 this Act” and inserting “The policy of this  
7 Act and chapter 224 of title 49, United  
8 States Code, is”.

9 (B) RAILROAD INFRASTRUCTURE FINANC-  
10 ING IMPROVEMENT ACT.—The Railroad Infra-  
11 structure Financing Improvement Act (subtitle  
12 F of title XI of Public Law 114–94) is amend-  
13 ed—

14 (i) in section 11607(b) (45 U.S.C.  
15 821 note), by striking “All provisions  
16 under sections 502 through 504 of the  
17 Railroad Revitalization and Regulatory Re-  
18 form Act of 1976 (45 U.S.C. 801 et seq.)”  
19 and inserting “All provisions under section  
20 22402 through 22404 of title 49, United  
21 States Code,”]; and

22 (ii) in section 11610(b) (45 U.S.C.  
23 821 note), by striking “section 502(f) of  
24 the Railroad Revitalization and Regulatory  
25 Reform Act of 1976 (45 U.S.C. 822(f)), as

1           amended by section 11607 of this Act”  
2           and inserting “section 22402(f) of title 49,  
3           United States Code”.

4           (C) TRANSPORTATION EQUITY ACT FOR  
5           THE 21ST CENTURY.—Section 7203(b)(2) of the  
6           Transportation Equity Act for the 21st Century  
7           (Public Law 105–178; 45 U.S.C. 821 note) is  
8           amended by striking “title V of the Railroad  
9           Revitalization and Regulatory Reform Act of  
10          1976 (45 U.S.C. 821 et seq.)” and inserting  
11          “chapter 224 of title 49, United States Code,”.

12          (D) HAMM ALERT MARITIME SAFETY ACT  
13          OF 2018.—Section 212(d)(1) of Hamm Alert  
14          Maritime Safety Act of 2018 (title II of Public  
15          Law 115–265; 45 U.S.C. 822 note) is amended,  
16          in the matter preceding subparagraph (A), by  
17          striking “for purposes of section 502(f)(4) of  
18          the Railroad Revitalization and Regulatory Re-  
19          form Act of 1976 (45 U.S.C. 822(f)(4))” and  
20          inserting “for purposes of section 22402 of title  
21          49, United States Code”.

22          (E) MILWAUKEE RAILROAD RESTRUC-  
23          TURING ACT.—Section 15(f) of the Milwaukee  
24          Railroad Restructuring Act (45 U.S.C. 914(f))  
25          is amended by striking “Section 516 of the

1 Railroad Revitalization and Regulatory Reform  
2 Act of 1976 (45 U.S.C. 836)” and inserting  
3 “Section 22404 of title 49, United States  
4 Code,”.

5 (F) ROCK ISLAND RAILROAD TRANSITION  
6 AND EMPLOYEE ASSISTANCE ACT.—Section  
7 104(b) of the Rock Island Railroad Transition  
8 and Employee Assistance Act (45 U.S.C.  
9 1003(b)) is amended—

10 (i) in paragraph (1)—

11 (I) by striking “title V of the  
12 Railroad Revitalization and Regu-  
13 latory Reform Act of 1976 (45 U.S.C.  
14 821 et seq.)” and inserting “chapter  
15 224 of title 49, United States Code,”;  
16 and

17 (II) by striking “and section  
18 18(b) of the Milwaukee Railroad Re-  
19 structuring Act”; and

20 (ii) in paragraph (2), by striking  
21 “title V of the Railroad Revitalization and  
22 Regulatory Reform Act of 1976, and sec-  
23 tion 516 of such Act (45 U.S.C. 836)” and  
24 inserting “chapter 224 of title 49, United

1 States Code, including section 22404 of  
2 such title,”.

3 (4) TITLE 49.—

4 (A) NATIONAL SURFACE TRANSPORTATION  
5 AND INNOVATIVE FINANCE BUREAU.—Section  
6 116(d)(1)(B) of title 49, United States Code, is  
7 amended by striking “sections 501 through 503  
8 of the Railroad Revitalization and Regulatory  
9 Reform Act of 1976 (45 U.S.C. 821–823)” and  
10 inserting “sections 22401 through 22403”.

11 (B) PROHIBITED DISCRIMINATION.—Sec-  
12 tion 306(b) of title 49, United States Code, is  
13 amended—

14 (i) by striking “chapter 221 or 249 of  
15 this title,” and inserting “chapter 221,  
16 224, or 249 of this title, or”; and

17 (ii) by striking “, or title V of the  
18 Railroad Revitalization and Regulatory Re-  
19 form Act of 1976 (45 U.S.C. 821 et  
20 seq.)”.

21 (C) PASSENGER RAIL REFORM AND IN-  
22 VESTMENT ACT OF 2015.—Section 11311(d) of  
23 the Passenger Rail Reform and Investment Act  
24 of 2015 (Public Law 114–94; 49 U.S.C. 20101  
25 note) is amended by striking “, and section 502

1 of the Railroad Revitalization and Regulatory  
2 Reform Act of 1976 (45 U.S.C. 822)”.

3 (D) GRANT CONDITIONS.—Section  
4 22905(c)(2)(B) of title 49, United States Code,  
5 is amended by striking “section 504 of the Rail-  
6 road Revitalization and Regulatory Reform Act  
7 of 1976 (45 U.S.C. 836)” and inserting “sec-  
8 tion 22404”.

9 (E) PASSENGER RAIL INVESTMENT AND  
10 IMPROVEMENT ACT OF 2008.—Section 205(g) of  
11 the Passenger Rail Investment and Improve-  
12 ment Act of 2008 (division B of Public Law  
13 110–432; 49 U.S.C. 24101 note) is amended by  
14 striking “title V of the Railroad Revitalization  
15 and Regulatory Reform Act of 1976 (45 U.S.C.  
16 821 et seq.)” and inserting “chapter 224 of  
17 title 49, United States Code”.

18 (F) AMTRAK AUTHORITY.—Section 24903  
19 of title 49, United States Code, is amended—

20 (i) in subsection (a)(6), by striking  
21 “and the Railroad Revitalization and Reg-  
22 ulatory Reform Act of 1976 (45 U.S.C.  
23 801 et seq.)” and inserting “, the Railroad  
24 Revitalization and Regulatory Reform Act



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1 of 1976 (45 U.S.C. 801 et seq.), and chap-  
2 ter 224 of this title”; and

3 (ii) in subsection (c)(2), by striking  
4 “and the Railroad Revitalization and Reg-  
5 ulatory Reform Act of 1976 (45 U.S.C.  
6 801 et seq.)” and inserting “, the Railroad  
7 Revitalization and Regulatory Reform Act  
8 of 1976 (45 U.S.C. 801 et seq.), and chap-  
9 ter 224 of this title”.

10 **SEC. 6302. SUBSTANTIVE CRITERIA AND STANDARDS.**

11 Not later than 180 days after the date of enactment  
12 of this Act, the Secretary shall update the publicly avail-  
13 able credit program guide in accordance with the provi-  
14 sions of chapter 224 of title 49, United States Code, as  
15 added by section 6301.

16 **SEC. 6303. SEMIANNUAL REPORT ON TRANSIT-ORIENTED**  
17 **DEVELOPMENT ELIGIBILITY.**

18 Not later than 6 months after the date of enactment  
19 of this Act, and every 6 months thereafter, the Secretary  
20 shall submit a report to the Committee on Commerce,  
21 Science, and Transportation of the Senate and the Com-  
22 mittee on Transportation and Infrastructure of the House  
23 of Representatives that identifies—

24 (1) the number of applications submitted to the  
25 Department for a direct loan or loan guarantee

1 under section 22402(b)(1)(E) of title 49, United  
2 States Code, as amended by section 6301;

3 (2) the number of such loans or loan guaran-  
4 tees that were provided to the applicants; and

5 (3) for each such application, the reasons for  
6 providing or declining to provide the requested loan  
7 or loan guarantee.

## 8 **TITLE VII—RAIL**

### 9 **SEC. 7001. SHORT TITLE.**

10 This title may be cited as the “Passenger Rail Expan-  
11 sion and Rail Safety Act of 2021”.

## 12 **Subtitle A—Authorization of** 13 **Appropriations**

### 14 **SEC. 7101. GRANTS TO AMTRAK.**

15 (a) NORTHEAST CORRIDOR.—There are authorized  
16 to be appropriated to the Secretary for grants to Amtrak  
17 for activities associated with the Northeast Corridor the  
18 following amounts:

19 (1) For fiscal year 2022, \$1,570,000,000.

20 (2) For fiscal year 2023, \$1,100,000,000.

21 (3) For fiscal year 2024, \$1,200,000,000.

22 (4) For fiscal year 2025, \$1,300,000,000.

23 (5) For fiscal year 2026, \$1,400,000,000.

24 (b) NATIONAL NETWORK.—There are authorized to  
25 be appropriated to the Secretary for grants to Amtrak for

1 activities associated with the National Network the fol-  
2 lowing amounts:

3 (1) For fiscal year 2022, \$2,300,000,000.

4 (2) For fiscal year 2023, \$2,200,000,000.

5 (3) For fiscal year 2024, \$2,450,000,000.

6 (4) For fiscal year 2025, \$2,700,000,000.

7 (5) For fiscal year 2026, \$3,000,000,000.

8 (c) OVERSIGHT.—The Secretary may withhold up to  
9 0.5 percent from the amount appropriated for each fiscal  
10 year pursuant to subsections (a) and (b) for the costs of  
11 oversight of Amtrak.

12 (d) STATE-SUPPORTED ROUTE COMMITTEE.—The  
13 Secretary may withhold up to \$3,000,000 from the  
14 amount appropriated for each fiscal year pursuant to sub-  
15 section (b) for use by the State-Supported Route Com-  
16 mittee established under section 24712(a) of title 49,  
17 United States Code.

18 (e) NORTHEAST CORRIDOR COMMISSION.—The Sec-  
19 retary may withhold up to \$6,000,000 from the amount  
20 appropriated for each fiscal year pursuant to subsection  
21 (a) for use by the Northeast Corridor Commission estab-  
22 lished under section 24905(a) of title 49, United States  
23 Code.

24 (f) INTERSTATE RAIL COMPACTS.—The Secretary  
25 may withhold up to \$3,000,000 from the amount appro-

1 priated for each fiscal year pursuant to subsection (b) for  
2 grants authorized under section 22910 of title 49, United  
3 States Code.

4 (g) ACCESSIBILITY UPGRADES.—

5 (1) IN GENERAL.—The Secretary shall withhold  
6 \$50,000,000 from the amount appropriated for each  
7 fiscal year pursuant to subsections (a) and (b) for  
8 grants to assist Amtrak in financing capital projects  
9 to upgrade the accessibility of the national rail pas-  
10 senger transportation system by increasing the num-  
11 ber of existing facilities that are compliant with the  
12 requirements under the Americans with Disabilities  
13 Act of 1990 (42 U.S.C. 12101 et seq.) until the Sec-  
14 retary determines Amtrak’s existing facilities are in  
15 compliance with such requirements.

16 (2) SAVINGS PROVISION.—Nothing in para-  
17 graph (1) may be construed to prevent Amtrak from  
18 using additional funds appropriated pursuant to this  
19 section to carry out the activities authorized under  
20 such paragraph.

21 (h) CORRIDOR DEVELOPMENT.—In addition to the  
22 activities authorized under subsection (b), Amtrak may  
23 use up to 10 percent of the amounts appropriated under  
24 subsection (b) in each fiscal year to support Amtrak-oper-  
25 ated corridors selected under section 7306 for—

- 1 (1) planning and capital costs; and  
2 (2) operating assistance consistent with the  
3 Federal funding limitations under section 22908 of  
4 title 49, United States Code.

5 **SEC. 7102. FEDERAL RAILROAD ADMINISTRATION.**

6 (a) SAFETY AND OPERATIONS.—There are author-  
7 ized to be appropriated to the Secretary for the operations  
8 of the Federal Railroad Administration and to carry out  
9 railroad safety activities the following amounts:

- 10 (1) For fiscal year 2022, \$248,000,000.  
11 (2) For fiscal year 2023, \$254,000,000.  
12 (3) For fiscal year 2024, \$263,000,000.  
13 (4) For fiscal year 2025, \$271,000,000.  
14 (5) For fiscal year 2026, \$279,000,000.

15 (b) RAILROAD RESEARCH AND DEVELOPMENT.—  
16 There are authorized to be appropriated to the Secretary  
17 for the use of the Federal Railroad Administration for ac-  
18 tivities associated with railroad research and development  
19 the following amounts:

- 20 (1) For fiscal year 2022, \$43,000,000.  
21 (2) For fiscal year 2023, \$44,000,000.  
22 (3) For fiscal year 2024, \$45,000,000.  
23 (4) For fiscal year 2025, \$46,000,000.  
24 (5) For fiscal year 2026, \$47,000,000.

1 (c) TRANSPORTATION TECHNOLOGY CENTER.—The  
2 Secretary may withhold up to \$3,000,000 from the  
3 amount appropriated for each fiscal year pursuant to sub-  
4 section (b) for activities authorized under section  
5 20108(d) of title 49, United States Code.

6 (d) RAIL RESEARCH AND DEVELOPMENT CENTER OF  
7 EXCELLENCE.—The Secretary may withhold up to 10 per-  
8 cent of the amount appropriated for each fiscal year under  
9 subsection (b) for grants authorized under section  
10 20108(j) of title 49, United States Code.

11 **SEC. 7103. CONSOLIDATED RAIL INFRASTRUCTURE AND**  
12 **SAFETY IMPROVEMENTS GRANTS.**

13 (a) IN GENERAL.—There is authorized to be appro-  
14 priated to the Secretary for grants under section 22907  
15 of title 49, United States Code, \$1,000,000,000 for each  
16 of fiscal years 2022 through 2026.

17 (b) OVERSIGHT.—The Secretary may withhold up to  
18 2 percent from the amount appropriated for each fiscal  
19 year pursuant to subsection (a) for the costs of project  
20 management oversight of grants authorized under title 49,  
21 United States Code.

22 **SEC. 7104. RAILROAD CROSSING ELIMINATION PROGRAM.**

23 (a) IN GENERAL.—There is authorized to be appro-  
24 priated to the Secretary for grants under section 22909

1 of title 49, United States Code, as added by section 7305,  
2 \$500,000,000 for each of fiscal years 2022 through 2026.

3 (b) PLANNING PROJECTS.—Not less than 3 percent  
4 of the amount appropriated in each fiscal year pursuant  
5 to subsection (a) year shall be used for planning projects  
6 described in section 22909(d)(6) of title 49, United States  
7 Code.

8 (c) HIGHWAY-RAIL GRADE CROSSING SAFETY IN-  
9 FORMATION AND EDUCATION PROGRAM.—Of the amount  
10 appropriated under subsection (a) in each fiscal year, 0.25  
11 percent shall be used for contracts or grants to carry out  
12 a highway-rail grade crossing safety information and edu-  
13 cation program—

14 (1) to help prevent and reduce pedestrian,  
15 motor vehicle, and other accidents, incidents, inju-  
16 ries, and fatalities; and

17 (2) to improve awareness along railroad rights-  
18 of-way and at highway-rail grade crossings.

19 (d) OVERSIGHT.—The Secretary may withhold up to  
20 2 percent from the amount appropriated for each fiscal  
21 year pursuant to subsection (a) for the costs of project  
22 management oversight of grants authorized under title 49,  
23 United States Code.

1 **SEC. 7105. RESTORATION AND ENHANCEMENT GRANTS.**

2 (a) IN GENERAL.—There is authorized to be appro-  
3 priated to the Secretary for grants under section 22908  
4 of title 49, United States Code, \$50,000,000 for each of  
5 fiscal years 2022 through 2026.

6 (b) OVERSIGHT.—The Secretary may withhold up to  
7 1 percent of the amount appropriated for each fiscal year  
8 pursuant to subsection (a) for the costs of project manage-  
9 ment oversight of grants authorized under title 49, United  
10 States Code.

11 **SEC. 7106. FEDERAL-STATE PARTNERSHIP FOR INTERCITY**  
12 **PASSENGER RAIL GRANTS.**

13 (a) IN GENERAL.—There is authorized to be appro-  
14 priated to the Secretary for grants under section 24911  
15 of title 49, United States Code, \$1,500,000,000 for each  
16 of fiscal years 2022 through 2026.

17 (b) OVERSIGHT.—The Secretary may withhold up to  
18 2 percent of the amount appropriated under subsection  
19 (a) for the costs of project management oversight of  
20 grants authorized under title 49, United States Code.

21 **SEC. 7107. AMTRAK OFFICE OF INSPECTOR GENERAL.**

22 There are authorized to be appropriated to the Office  
23 of Inspector General of Amtrak the following amounts:

- 24 (1) For fiscal year 2022, \$26,500,000.  
25 (2) For fiscal year 2023, \$27,000,000.  
26 (3) For fiscal year 2024, \$27,500,000.



1 (4) For fiscal year 2025, \$28,000,000.

2 (5) For fiscal year 2026, \$28,500,000.

### 3 **Subtitle B—Amtrak Reforms**

#### 4 **SEC. 7201. AMTRAK FINDINGS, MISSION, AND GOALS.**

5 (a) FINDINGS.—Section 24101(a) of title 49, United  
6 States Code, is amended—

7 (1) in paragraph (1), by striking “between  
8 crowded urban areas and in other areas of” and in-  
9 serting “throughout”;

10 (2) in paragraph (4), by striking “to Amtrak to  
11 achieve a performance level sufficient to justify ex-  
12 pending public money” and inserting “in order to  
13 meet the intercity passenger rail needs of the United  
14 States”;

15 (3) in paragraph (5)—

16 (A) by inserting “intercity passenger and”  
17 before “commuter”; and

18 (B) by inserting “and rural” after “major  
19 urban;” and

20 (4) by adding at the end the following:

21 “(9) Long-distance routes are valuable resources of  
22 the United States that are used by rural and urban com-  
23 munities.”.

24 (b) GOALS.—Section 24101(c) of title 49, United  
25 States Code, is amended—

1           (1) by amending paragraph (1) to read as fol-  
2           lows:

3           “(1) use its best business judgment in acting to  
4           maximize the benefits of Federal investments, in-  
5           cluding—

6                     “(A) offering competitive fares;

7                     “(B) increasing revenue from the transpor-  
8           tation of mail and express;

9                     “(C) offering food service that meets the  
10          needs of its customers;

11                    “(D) improving its contracts with rail car-  
12          riers over whose tracks Amtrak operates;

13                    “(E) controlling or reducing management  
14          and operating costs; and

15                    “(F) providing economic benefits to the  
16          communities it serves;”;

17           (2) in paragraph (11), by striking “and” at the  
18          end;

19           (3) in paragraph (12), by striking the period at  
20          the end and inserting “; and”; and

21           (4) by adding at the end the following:

22                    “(13) support and maintain established long-  
23          distance routes to provide value to the Nation by  
24          serving customers throughout the United States and  
25          connecting urban and rural communities.”.

1 (c) INCREASING REVENUES.—Section 24101(d) of  
2 title 49, United States Code, is amended to read as fol-  
3 lows:

4 “(d) INCREASING REVENUES.—Amtrak is encour-  
5 aged to make agreements with private sector entities and  
6 to undertake initiatives that are consistent with good busi-  
7 ness judgment and designed to generate additional reve-  
8 nues to advance the goals described in subsection (c).”.

9 **SEC. 7202. COMPOSITION OF AMTRAK’S BOARD OF DIREC-**  
10 **TORS.**

11 (a) SELECTION; COMPOSITION; CHAIR.—Section  
12 24302(a) of title 49, United States Code, is amended—

13 (1) in paragraph (1)—

14 (A) in subparagraph (B), by striking  
15 “President” and inserting “Chief Executive Of-  
16 ficer”; and

17 (B) in subparagraph (C), by inserting “, at  
18 least 1 of whom shall be an individual with a  
19 disability (as defined in section 3 of the Ameri-  
20 cans with Disabilities Act of 1990 (42 U.S.C.  
21 12102)) who has a demonstrated history of, or  
22 experience with, accessibility, mobility, and in-  
23 clusive transportation in passenger rail or com-  
24 muter rail” before the period at the end;

1           (2) in paragraph (2), by striking “and try to  
2 provide adequate and balanced representation of the  
3 major geographic regions of the United States  
4 served by Amtrak”;

5           (3) by redesignating paragraph (5) as para-  
6 graph (7); and

7           (4) by striking paragraph (4) and inserting the  
8 following:

9           “(4) Of the individuals appointed pursuant to  
10 paragraph (1)(C)—

11                 “(A) 2 individuals shall reside in or near  
12 a location served by a regularly scheduled Am-  
13 trak service along the Northeast Corridor;

14                 “(B) 4 individuals shall reside in or near  
15 regions of the United States that are geographi-  
16 cally distributed outside of the Northeast Cor-  
17 ridor, of whom—

18                         “(i) 2 individuals shall reside in  
19 States served by a long-distance route op-  
20 erated by Amtrak;

21                         “(ii) 2 individuals shall reside in  
22 States served by a State-supported route  
23 operated by Amtrak; and

24                         “(iii) an individual who resides in a  
25 State that is served by a State-supported

1 route and a long-distance route may be ap-  
2 pointed to serve either position referred to  
3 in clauses (i) and (ii);

4 “(C) 2 individuals shall reside either—

5 “(i) in or near a location served by a  
6 regularly scheduled Amtrak service on the  
7 Northeast Corridor; or

8 “(ii) in a State served by long-dis-  
9 tance or a State-supported route; and

10 “(D) each individual appointed to the  
11 Board pursuant to this paragraph may only fill  
12 1 of the allocations set forth in subparagraphs  
13 (A) through (C).

14 “(5) The Board shall elect a chairperson and  
15 vice chairperson, other than the Chief Executive Of-  
16 ficer of Amtrak, from among its membership. The  
17 vice chairperson shall act as chairperson in the ab-  
18 sence of the chairperson.

19 “(6) The Board shall meet at least annually  
20 with—

21 “(A) representatives of Amtrak employees;

22 “(B) representatives of persons with dis-  
23 abilities; and

1           “(C) the general public, in an open meet-  
2           ing with a virtual attendance option, to discuss  
3           financial performance and service results.”.

4           (b) **RULE OF CONSTRUCTION.**—None of the amend-  
5           ments made by subsection (a) may be construed as affect-  
6           ing the term of any director serving on the Amtrak Board  
7           of Directors under section 24302(a)(1)(C) of title 49,  
8           United States Code, as of the date of enactment of this  
9           Act.

10 **SEC. 7203. STATION AGENTS.**

11           Section 24312 of title 49, United States Code, is  
12           amended by adding at the end the following:

13           “(c) **AVAILABILITY OF STATION AGENTS.**—

14           “(1) **IN GENERAL.**—Except as provided in para-  
15           graph (2), beginning on the date that is 1 year after  
16           the date of enactment of the Passenger Rail Expans-  
17           sion and Rail Safety Act of 2021, Amtrak shall en-  
18           sure that at least 1 Amtrak ticket agent is employed  
19           at each station building—

20           “(A) that Amtrak owns, or operates service  
21           through, as part of a long-distance or Northeast  
22           Corridor passenger service route;

23           “(B) where at least 1 Amtrak ticket agent  
24           was employed on or after October 1, 2017; and

1           “(C) for which an average of 40 pas-  
2           sengers boarded or deboarded an Amtrak train  
3           per day during all of the days in fiscal year  
4           2017 when the station was serviced by Amtrak,  
5           regardless of the number of Amtrak trains serv-  
6           icing the station per day.

7           “(2) EXCEPTION.—Paragraph (1) shall not  
8           apply to any station building in which a commuter  
9           rail ticket agent has the authority to sell Amtrak  
10          tickets.”.

11 **SEC. 7204. INCREASING OVERSIGHT OF CHANGES TO AM-**  
12 **TRAK LONG-DISTANCE ROUTES AND OTHER**  
13 **INTERCITY SERVICES.**

14          (a) AMTRAK ANNUAL OPERATIONS REPORT.—Sec-  
15 tion 24315(a)(1) of title 49, United States Code, is  
16 amended—

17           (1) in subparagraph (G), by striking “and” at  
18          the end;

19           (2) in subparagraph (H), by adding “and” at  
20          the end; and

21           (3) by adding at the end the following:

22                   “(I) any change made to a route’s or serv-  
23                   ice’s frequency or station stops;”.

24          (b) 5-YEAR BUSINESS LINE PLANS.—Section  
25 24320(b)(2) of title 49, United States Code, is amended—

1           (1) by redesignating subparagraphs (B)  
2 through (L) as subparagraphs (C) through (M), re-  
3 spectively; and

4           (2) by inserting after subparagraph (A) the fol-  
5 lowing:

6                   “(B) a detailed description of any plans to  
7 permanently change a route’s or service’s fre-  
8 quency or station stops for the service line;”.

9 **SEC. 7205. IMPROVED OVERSIGHT OF AMTRAK ACCOUNT-**  
10 **ING.**

11 Section 24317 of title 49, United States Code, is  
12 amended—

13           (1) in subsection (a)(2), by striking “and costs  
14 among Amtrak business lines” and inserting “, in-  
15 cluding Federal grant funds, and costs among Am-  
16 trak service lines”;

17           (2) by amending subsection (b) to read as fol-  
18 lows:

19           “(b) ACCOUNT STRUCTURE.—

20                   “(1) IN GENERAL.—The Secretary of Transpor-  
21 tation, in consultation with Amtrak, shall define,  
22 maintain, and periodically update an account struc-  
23 ture and improvements to accounting methodologies,  
24 as necessary, to support the Northeast Corridor and  
25 the National Network.



1           “(2) NOTIFICATION OF SUBSTANTIVE  
2 CHANGES.—The Secretary shall notify the Com-  
3 mittee on Commerce, Science, and Transportation of  
4 the Senate, the Committee on Appropriations of the  
5 Senate, the Committee on Transportation and Infra-  
6 structure of the House of Representatives, and the  
7 Committee on Appropriations of the House of Rep-  
8 resentatives regarding any substantive changes made  
9 to the account structure, including changes to—

10                   “(A) the service lines described in section  
11                   24320(b)(1); and

12                   “(B) the asset lines described in section  
13                   24320(c)(1).”;

14           (3) in subsection (e), in the matter preceding  
15 paragraph (1), by inserting “, maintaining, and up-  
16 dating” after “defining”;

17           (4) in subsection (d), in the matter preceding  
18 paragraph (1), by inserting “, maintaining, and up-  
19 dating” after “defining”;

20           (5) by amending subsection (e) to read as fol-  
21 lows:

22           “(e) IMPLEMENTATION AND REPORTING.—

23                   “(1) IN GENERAL.—Amtrak, in consultation  
24 with the Secretary of Transportation, shall maintain  
25 and implement any account structures and improve-

1       ments defined under subsection (b) to enable Am-  
2       trak to produce sources and uses statements for  
3       each of the service lines described in section  
4       24320(b)(1) and, as appropriate, each of the asset  
5       lines described in section 24320(c)(1), that identify  
6       sources and uses of revenues, appropriations, and  
7       transfers between accounts.

8               “(2) UPDATED SOURCES AND USES STATE-  
9       MENTS.—Not later than 30 days after the imple-  
10       mentation of subsection (b), and monthly thereafter,  
11       Amtrak shall submit to the Secretary of Transpor-  
12       tation updated sources and uses statements for each  
13       of the service lines and asset lines referred to in  
14       paragraph (1). The Secretary and Amtrak may  
15       agree to a different frequency of reporting.”;

16               (6) by striking subsection (h); and

17               (7) by redesignating subsection (i) as subsection  
18       (h).

19       **SEC. 7206. IMPROVED OVERSIGHT OF AMTRAK SPENDING.**

20               (a) ALLOCATION OF COSTS AND REVENUES.—Sec-  
21       tion 24318(a) of title 49, United States Code, is amended  
22       by striking “Not later than 180 days after the date of  
23       enactment of the Passenger Rail Reform and Investment  
24       Act of 2015,”.

1 (b) GRANT PROCESS AND REPORTING.—Section  
2 24319 of title 49, United States Code, is amended—

3 (1) in the section heading, by inserting “**and**  
4 **reporting**” after “**process**”;

5 (2) by amending subsection (a) to read as fol-  
6 lows:

7 “(a) PROCEDURES FOR GRANT REQUESTS.—The  
8 Secretary of Transportation shall—

9 “(1) establish and maintain substantive and  
10 procedural requirements, including schedules, for  
11 grant requests under this section; and

12 “(2) report any changes to such procedures  
13 to—

14 “(A) the Committee on Commerce,  
15 Science, and Transportation of the Senate;

16 “(B) the Committee on Appropriations of  
17 the Senate;

18 “(C) the Committee on Transportation and  
19 Infrastructure of the House of Representatives;  
20 and

21 “(D) the Committee on Appropriations of  
22 the House of Representatives.”;

23 (3) in subsection (b), by striking “grant re-  
24 quests” and inserting “a grant request annually, or  
25 as additionally required,”;

1           (4) by amending subsection (c) to read as fol-  
2           lows:

3           “(c) CONTENTS.—

4           “(1) IN GENERAL.—Each grant request under  
5           subsection (b) shall, as applicable—

6           “(A) categorize and identify, by source, the  
7           Federal funds and program income that will be  
8           used for the upcoming fiscal year for each of  
9           the Northeast Corridor and National Network  
10          in 1 of the categories or subcategories set forth  
11          in paragraph (2);

12          “(B) describe the operations, services, pro-  
13          grams, projects, and other activities to be fund-  
14          ed within each of the categories set forth in  
15          paragraph (2), including—

16                 “(i) the estimated scope, schedule,  
17                 and budget necessary to complete each  
18                 project and program; and

19                 “(ii) the performance measures used  
20                 to quantify expected and actual project  
21                 outcomes and benefits, aggregated by fiscal  
22                 year, project milestone, and any other ap-  
23                 propriate grouping; and

24          “(C) describe the status of efforts to im-  
25          prove Amtrak’s safety culture.

1 “(2) GRANT CATEGORIES.—

2 “(A) OPERATING EXPENSES.—Each grant  
3 request to use Federal funds for operating ex-  
4 penses shall—

5 “(i) include estimated net operating  
6 costs not covered by other Amtrak revenue  
7 sources;

8 “(ii) specify Federal funding re-  
9 quired for each service line described in  
10 section 24320(b)(1); and

11 “(iii) be itemized by route.

12 “(B) DEBT SERVICE.—A grant request to  
13 use Federal funds for expenses related to debt,  
14 including payment of principle and interest, as  
15 allowed under section 205 of the Passenger Rail  
16 Investment and Improvement Act of 2008  
17 (Public Law 110–432; 49 U.S.C. 24101 note).

18 “(C) CAPITAL.—A grant request to use  
19 Federal funds and program income for capital  
20 expenses shall include capital projects and pro-  
21 grams primarily associated with—

22 “(i) normalized capital replacement  
23 programs, including regularly recurring  
24 work programs implemented on a system-  
25 atic basis on classes of physical railroad

1 assets, such as track, structures, electric  
2 traction and power systems, rolling stock,  
3 and communications and signal systems, to  
4 maintain and sustain the condition and  
5 performance of such assets to support con-  
6 tinued railroad operations;

7 “(ii) improvement projects to support  
8 service and safety enhancements, including  
9 discrete projects implemented in accord-  
10 ance with a fixed scope, schedule, and  
11 budget that result in enhanced or new in-  
12 frastructure, equipment, or facilities;

13 “(iii) backlog capital replacement  
14 projects, including discrete projects imple-  
15 mented in accordance with a fixed scope,  
16 schedule, and budget that primarily replace  
17 or rehabilitate major infrastructure assets,  
18 including tunnels, bridges, stations, and  
19 similar assets, to reduce the state of good  
20 repair backlog on the Amtrak network;

21 “(iv) strategic initiative projects, in-  
22 cluding discrete projects implemented in  
23 accordance with a fixed scope, schedule,  
24 and budget that primarily improve overall  
25 operational performance, lower costs, or

1 otherwise improve Amtrak’s corporate effi-  
2 ciency; and

3 “(v) statutory, regulatory, or other le-  
4 gally mandated projects, including discrete  
5 projects implemented in accordance with a  
6 fixed scope, schedule, and budget that en-  
7 able Amtrak to fulfill specific legal or regu-  
8 latory mandates.

9 “(D) CONTINGENCY.—A grant request to  
10 use Federal funds for operating and capital ex-  
11 pense contingency shall include—

12 “(i) contingency levels for specified  
13 activities and operations; and

14 “(ii) a process for the utilization of  
15 such contingency.

16 “(3) MODIFICATION OF CATEGORIES.—The  
17 Secretary of Transportation and Amtrak may jointly  
18 agree to modify the categories set forth in paragraph  
19 (2) if such modifications are necessary to improve  
20 the transparency, oversight, or delivery of projects  
21 funded through grant requests under this section.”;

22 (5) in subsection (d)(1)(A)—

23 (A) by inserting “complete” after “submits  
24 a”;

1 (B) by striking “shall complete” and in-  
2 serting “shall finish”; and

3 (C) in clause (ii), by striking “incomplete  
4 or”;

5 (6) in subsection (e)—

6 (A) in paragraph (1)—

7 (i) by striking “and other activities to  
8 be funded by the grant” and inserting  
9 “programs, projects, and other activities to  
10 be funded by the grant, consistent with the  
11 categories required for Amtrak in a grant  
12 request under subsection (e)(1)(A)”; and

13 (ii) by striking “or activities” and in-  
14 serting “programs, projects, and other ac-  
15 tivities”; and

16 (B) in paragraph (3)—

17 (i) by redesignating subparagraphs  
18 (A) and (B) as subparagraphs (B) and  
19 (C), respectively; and

20 (ii) by inserting before subparagraph  
21 (B), as redesignated, the following:

22 “(A) using an otherwise allowable ap-  
23 proach to the method prescribed for a specific  
24 project or category of projects under paragraph  
25 (2) if the Secretary and Amtrak agree that a



1 different payment method is necessary to more  
2 successfully implement and report on an oper-  
3 ation, service, program, project, or other activ-  
4 ity;”;

5 (7) by redesignating subsection (h) as sub-  
6 section (j); and

7 (8) by inserting after subsection (g) the fol-  
8 lowing:

9 “(h) APPLICABLE LAWS AND REGULATIONS.—

10 “(1) SINGLE AUDIT ACT OF 1984.—Notwith-  
11 standing section 24301(a)(3) of this title and section  
12 7501(a)(13) of title 31, Amtrak shall be deemed a  
13 ‘non-Federal entity’ for purposes of chapter 75 of  
14 title 31.

15 “(2) REGULATIONS AND GUIDANCE.—The Sec-  
16 retary of Transportation may apply some or all of  
17 the requirements set forth in the regulations and  
18 guidance promulgated by the Secretary relating to  
19 the management, administration, cost principles, and  
20 audit requirements for Federal awards.

21 “(i) AMTRAK GRANT REPORTING.—The Secretary of  
22 Transportation shall determine the varying levels of detail  
23 and information that will be included in reports for oper-  
24 ations, services, program, projects, program income, cash

1 on hand, and other activities within each of the grant cat-  
2 egories described in subsection (c)(2).”.

3 (c) CONFORMING AMENDMENTS.—

4 (1) REPORTS AND AUDITS.—Section  
5 24315(b)(1) of title 49, United States Code, is  
6 amended—

7 (A) in subparagraph (A), by striking “the  
8 goal of section 24902(b) of this title; and” and  
9 inserting “the goal described in section  
10 24902(a);”;

11 (B) in subparagraph (B), by striking the  
12 period at the end and inserting “; and”; and

13 (C) by adding at the end the following:

14 “(C) shall incorporate the category de-  
15 scribed in section 24319(e)(2)(C).”.

16 (2) CLERICAL AMENDMENT.—The analysis for  
17 chapter 243 of title 49, United States Code, is  
18 amended by striking the item relating to section  
19 24319 and inserting the following:

“24319. Grant process and reporting.”.

20 **SEC. 7207. INCREASING SERVICE LINE AND ASSET LINE**  
21 **PLAN TRANSPARENCY.**

22 (a) IN GENERAL.—Section 24320 of title 49, United  
23 States Code, is amended—

1 (1) in the section heading, by striking “**busi-**  
2 **ness line and asset plans**” and inserting  
3 “**service line and asset line plans**”;

4 (2) in subsection (a)—

5 (A) in paragraph (1)—

6 (i) by striking “of each year” and in-  
7 serting “, 2020, and biennially thereafter”;

8 (ii) by striking “5-year business line  
9 plans and 5-year asset plans” and insert-  
10 ing “5-year service line plans and 5-year  
11 asset line plans”; and

12 (iii) by adding at the end the fol-  
13 lowing: “During each year in which Am-  
14 trak is not required to submit a plan under  
15 this paragraph, Amtrak shall submit to  
16 Congress updated financial sources and  
17 uses statements and forecasts with the an-  
18 nual report required under section  
19 24315(b).”; and

20 (B) in paragraph (2), by striking “asset  
21 plan required in” and inserting “asset line plan  
22 required under”;

23 (3) in subsection (b)—

24 (A) in the subsection heading, by striking  
25 “BUSINESS” and inserting “SERVICE”;

- 1 (B) in paragraph (1)—
- 2 (i) in the paragraph heading, by strik-
- 3 ing “BUSINESS” and inserting “SERVICE”;
- 4 (ii) by striking “business” each place
- 5 such term appears and inserting “service”;
- 6 (iii) by amending subparagraph (B) to
- 7 read as follows:
- 8 “(B) Amtrak State-supported train serv-
- 9 ices.”;
- 10 (iv) in subparagraph (C), by striking
- 11 “routes” and inserting “train services”;
- 12 and
- 13 (v) by adding at the end the following:
- 14 “(E) Infrastructure access services for use
- 15 of Amtrak-owned or Amtrak-controlled infra-
- 16 structure and facilities.”;
- 17 (C) in paragraph (2)—
- 18 (i) in the paragraph heading, by strik-
- 19 ing “BUSINESS” and inserting “SERVICE”;
- 20 (ii) by striking “business” each place
- 21 such term appears and inserting “service”;
- 22 (iii) in subparagraph (A), by striking
- 23 “Strategic Plan and 5-year asset plans”
- 24 and inserting “5-year asset line plans”;

1 (iv) in subparagraph (F) (as redesignig-  
2 nated by section 7204(b)(1)), by striking  
3 “profit and loss” and inserting “sources  
4 and uses”;

5 (v) by striking subparagraph (G) (as  
6 redesignated by section 7204(b)(1));

7 (vi) by redesignating subparagraphs  
8 (H) through (M) (as redesignated by sec-  
9 tion 7204(b)(1)) as subparagraphs (G)  
10 through (L), respectively; and

11 (vii) by amending subparagraph (I)  
12 (as so redesignated) to read as follows:

13 “(I) financial performance for each route,  
14 if deemed applicable by the Secretary, within  
15 each service line, including descriptions of the  
16 cash operating loss or contribution;”;

17 (D) in paragraph (3)—

18 (i) in the paragraph heading, by strik-  
19 ing “BUSINESS” and inserting “SERVICE”;

20 (ii) by striking “business” each place  
21 such term appears and inserting “service”;

22 (iii) by redesignating subparagraphs  
23 (A), (B), (C), and (D) as clauses (i), (ii),  
24 (iii), and (iv), respectively, and moving  
25 such clauses 2 ems to the right;

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1 (iv) by inserting before clause (i), as  
2 redesignated, the following:

3 “(A) not later than 180 days after the date  
4 of enactment of the Passenger Rail Expansion  
5 and Rail Safety Act of 2021, submit to the Sec-  
6 retary, for approval, a consultation process for  
7 the development of each service line plan that  
8 requires Amtrak to—”;

9 (v) in subparagraph (A), as amended  
10 by clause (iv)—

11 (I) in clause (iii), as redesign-  
12 nated, by inserting “and submit the  
13 final service line plan required under  
14 subsection (a)(1) to the State-Sup-  
15 ported Route Committee” before the  
16 semicolon at the end;

17 (II) in clause (iv), as redesign-  
18 nated, by inserting “and” after the  
19 semicolon at the end; and

20 (III) by adding at the end the  
21 following:

22 “(v) for the infrastructure access serv-  
23 ice line plan, consult with the Northeast  
24 Corridor Commission and other entities, as  
25 appropriate, and submit the final asset line

1 plan under subsection (a)(1) to the North-  
2 east Corridor Commission;” and

3 (vi) by redesignating subparagraphs  
4 (E) and (F) as subparagraphs (B) and  
5 (C), respectively;

6 (E) by redesignating paragraph (4) as  
7 paragraph (5); and

8 (F) by inserting after paragraph (3)(C), as  
9 redesignated, the following:

10 “(4) 5-YEAR SERVICE LINE PLANS UPDATES.—  
11 Amtrak may modify the content to be included in  
12 the service line plans described in paragraph (1),  
13 upon the approval of the Secretary, if the Secretary  
14 determines that such modifications are necessary to  
15 improve the transparency, oversight, and delivery of  
16 Amtrak services and the use of Federal funds by  
17 Amtrak.”; and

18 (4) in subsection (c)—

19 (A) in the subsection heading, by inserting  
20 “LINE” after “ASSET”;

21 (B) in paragraph (1)—

22 (i) in the paragraph heading, by strik-  
23 ing “CATEGORIES” and inserting “LINES”;

24 (ii) in the matter preceding subpara-  
25 graph (A), by striking “asset plan for each

1 of the following asset categories” and in-  
2 sserting “asset line plan for each of the fol-  
3 lowing asset lines”;

4 (iii) by redesignating subparagraphs  
5 (A), (B), (C), and (D) as subparagraphs  
6 (B), (C), (D), and (E), respectively;

7 (iv) by inserting before subparagraph  
8 (B), as redesignated, the following:

9 “(A) Transportation, including activities  
10 and resources associated with the operation and  
11 movement of Amtrak trains, onboard services,  
12 and amenities.”;

13 (v) in subparagraph (B), as redesign-  
14 ated, by inserting “and maintenance-of-  
15 way equipment” after “facilities”; and

16 (vi) in subparagraph (C), as redesign-  
17 ated, by striking “Passenger rail equip-  
18 ment” and inserting “Equipment”;

19 (C) in paragraph (2)—

20 (i) in the paragraph heading, by in-  
21 sserting “LINE” after “ASSET”;

22 (ii) in the matter preceding subpara-  
23 graph (A), by inserting “line” after  
24 “asset”;



1 (iii) in subparagraph (A), by striking  
2 “category” and inserting “line”;

3 (iv) in subparagraph (C)(iii)(III), by  
4 striking “and” at the end;

5 (v) by amending subparagraph (D) to  
6 read as follows:

7 “(D) annual sources and uses statements  
8 and forecasts for each asset line; and”;

9 (vi) by adding at the end the fol-  
10 lowing:

11 “(E) other elements that Amtrak elects to  
12 include.”;

13 (D) in paragraph (3)—

14 (i) in the paragraph heading, by in-  
15 serting “LINE” after “ASSET”;

16 (ii) by redesignating subparagraphs  
17 (A) and (B) as clauses (i) and (ii) and  
18 moving such clauses 2 ems to the right;

19 (iii) by inserting before clause (i), as  
20 redesignated, the following:

21 “(A) not later than 180 days after the date  
22 of enactment of the Passenger Rail Expansion  
23 and Rail Safety Act of 2021, submit to the Sec-  
24 retary, for approval, a consultation process for

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1 the development of each asset line plan that re-  
2 quires Amtrak to—”;

3 (iv) in subparagraph (A), as added by  
4 clause (iii)—

5 (I) in clause (i), as redesign-  
6 nated—

7 (aa) by striking “business”  
8 each place such term appears  
9 and inserting “service”;

10 (bb) by inserting “line”  
11 after “asset” each place such  
12 term appears; and

13 (cc) by adding “and” at the  
14 end; and

15 (II) in clause (ii), as redesign-  
16 nated—

17 (aa) by inserting “consult  
18 with the Secretary of Transpor-  
19 tation in the development of  
20 asset line plans and,” before “as  
21 applicable”; and

22 (bb) by inserting “line”  
23 after “5-year asset”;

24 (v) by redesignating subparagraph (C)  
25 as subparagraph (B); and

1 (vi) in subparagraph (B), as redesignig-  
2 nated, by striking “category” and inserting  
3 “line”;

4 (E) by redesignating paragraphs (4), (5),  
5 (6), and (7) as paragraphs (5), (6), (7), and  
6 (8), respectively;

7 (F) by inserting after paragraph (3) the  
8 following:

9 “(4) 5-YEAR ASSET LINE PLAN UPDATES.—Am-  
10 trak may modify the content to be included in the  
11 asset line plans described in paragraph (1), on ap-  
12 proval of the Secretary, if the Secretary determines  
13 that such modifications are necessary to improve the  
14 transparency, oversight, and delivery of Amtrak  
15 services and the use of Federal funds by Amtrak.”;

16 (G) in paragraph (5)(A), as redesignated,  
17 by inserting “, but shall not include corporate  
18 services (as defined pursuant to section  
19 24317(b))” after “national assets”; and

20 (H) in paragraph (7), as redesignated, by  
21 striking “paragraph (4)” and inserting “para-  
22 graph (5)”.

23 (b) CLERICAL AMENDMENT.—The analysis for chap-  
24 ter 243 of title 49, United States Code, is amended by

1 striking the item relating to section 24320 and inserting  
2 the following:

“24320. Amtrak 5-year service line and asset line plans.”.

3 (c) EFFECTIVE DATES.—Section 11203(b) of the  
4 Passenger Rail Reform and Investment Act of 2015 (49  
5 U.S.C. 24320 note) is amended—

6 (1) by striking “business” each place such term  
7 appears and inserting “service”; and

8 (2) by inserting “line” after “asset” each place  
9 such term appears.

10 **SEC. 7208. PASSENGER EXPERIENCE ENHANCEMENT.**

11 (a) IN GENERAL.—Section 24305(c)(4) of title 49,  
12 United States Code, is amended by striking “only if reve-  
13 nues from the services each year at least equal the cost  
14 of providing the services”.

15 (b) FOOD AND BEVERAGE SERVICE WORKING  
16 GROUP.—

17 (1) IN GENERAL.—Section 24321 of title 49,  
18 United States Code, is amended to read as follows:

19 **“§ 24321. Food and beverage service**

20 **“(a) WORKING GROUP.—**

21 **“(1) ESTABLISHMENT.—**Not later than 180  
22 days after enactment of the Passenger Rail Expans-  
23 sion and Rail Safety Act of 2021, Amtrak shall es-  
24 tablish a working group to provide recommendations

1 to improve Amtrak’s onboard food and beverage  
2 service.

3 “(2) MEMBERSHIP.—The working group shall  
4 consist of individuals representing—

5 “(A) Amtrak;

6 “(B) the labor organizations representing  
7 Amtrak employees who prepare or provide on-  
8 board food and beverage service;

9 “(C) nonprofit organizations representing  
10 Amtrak passengers; and

11 “(D) States that are providing funding for  
12 State-supported routes.

13 “(b) REPORT.—Not later than 1 year after the estab-  
14 lishment of the working group pursuant to subsection (a),  
15 the working group shall submit a report to the Committee  
16 on Commerce, Science, and Transportation of the Senate  
17 and the Committee on Transportation and Infrastructure  
18 of the House of Representatives containing recommenda-  
19 tions for improving Amtrak’s food and beverage service,  
20 including—

21 “(1) ways to improve the financial performance  
22 of Amtrak;

23 “(2) ways to increase and retain ridership;

1           “(3) the differing needs of passengers traveling  
2           on long-distance routes, State supported routes, and  
3           the Northeast Corridor;

4           “(4) Amtrak passenger survey data about the  
5           food and beverages offered on Amtrak trains;

6           “(5) ways to incorporate local food and bev-  
7           erage items on State-supported routes; and

8           “(6) any other issue that the working group de-  
9           termines to be appropriate.

10          “(c) IMPLEMENTATION.—Not later than 180 days  
11 after the submission of the report pursuant to subsection  
12 (b), Amtrak shall submit a plan for implementing the rec-  
13 ommendations of the working group, and an explanation  
14 for any of the working group’s recommendations it does  
15 not agree with and does not plan on implementing to the  
16 Committee on Commerce, Science, and Transportation of  
17 the Senate and the Committee on Transportation and In-  
18 frastructure of the House of Representatives.

19          “(d) SAVINGS CLAUSE.—Amtrak shall ensure that no  
20 Amtrak employee who held a position on a long-distance  
21 or Northeast Corridor route as of the date of enactment  
22 of the Passenger Rail Expansion and Rail Safety Act of  
23 2021, is involuntarily separated because of the develop-  
24 ment and implementation of the plan required under this  
25 section.”.

1           (2) CLERICAL AMENDMENT.—The analysis for  
2           chapter 243 of title 49, United States Code, is  
3           amended by striking the item relating to section  
4           24321 and inserting the following:

“24321. Food and beverage service.”.

5 **SEC. 7209. AMTRAK SMOKING POLICY.**

6           (a) IN GENERAL.—Chapter 243 of title 49, United  
7           States Code, is amended by adding at the end the fol-  
8           lowing:

9 **“§ 24323. Prohibition on smoking on Amtrak trains**

10           “(a) PROHIBITION.—Beginning on the date of enact-  
11           ment of this section, Amtrak shall prohibit smoking, in-  
12           cluding the use of electronic cigarettes, onboard all Am-  
13           trak trains.

14           “(b) ELECTRONIC CIGARETTE DEFINED.—In this  
15           section, the term ‘electronic cigarette’ means a device that  
16           delivers nicotine or other substances to a user of the device  
17           in the form of a vapor that is inhaled to simulate the expe-  
18           rience of smoking.”.

19           (b) CLERICAL AMENDMENT.—The analysis for chap-  
20           ter 243 of title 49, United States Code, is amended by  
21           adding at the end the following:

“24323. Prohibition on smoking on Amtrak trains.”.

1 **SEC. 7210. PROTECTING AMTRAK ROUTES THROUGH**  
2 **RURAL COMMUNITIES.**

3 Section 24706 of title 49, United States Code, is  
4 amended—

5 (1) in subsection (a), by striking “subsection  
6 (b) of this section, at least 180 days” and inserting  
7 “subsection (c), not later than 180 days”;

8 (2) by redesignating subsections (b) and (c) as  
9 subsections (c) and (e), respectively;

10 (3) by inserting after subsection (a) the fol-  
11 lowing:

12 “(b) DISCONTINUANCE OR SUBSTANTIAL ALTER-  
13 ATION OF LONG-DISTANCE ROUTES.—Except as provided  
14 in subsection (c), in an emergency, or during maintenance  
15 or construction outages impacting Amtrak routes, Amtrak  
16 may not discontinue, reduce the frequency of, suspend, or  
17 substantially alter the route of rail service on any segment  
18 of any long-distance route in any fiscal year in which Am-  
19 trak receives adequate Federal funding for such route on  
20 the National Network.”; and

21 (4) by inserting after subsection (c), as redesignig-  
22 nated, the following:

23 “(d) CONGRESSIONAL NOTIFICATION OF DIS-  
24 CONTINUANCE.—Except as provided in subsection (c), not  
25 later than 210 days before discontinuing service over a  
26 route, Amtrak shall give written notice of such discontinu-



1 ance to all of the members of Congress representing any  
2 State or district in which the discontinuance would  
3 occur.”.

4 **SEC. 7211. STATE-SUPPORTED ROUTE COMMITTEE.**

5 (a) STATE-SUPPORTED ROUTE COMMITTEE.—Sec-  
6 tion 24712(a) of title 49, United States Code, is amend-  
7 ed—

8 (1) in paragraph (1)—

9 (A) by striking “Not later than 180 days  
10 after the date of enactment of the Passenger  
11 Rail Reform and Investment Act of 2015, the  
12 Secretary of Transportation shall establish”  
13 and inserting “There is established”; and

14 (B) by inserting “current and future” be-  
15 fore “rail operations”;

16 (2) by redesignating paragraphs (4), (5), and  
17 (6) as paragraphs (5), (6), and (7), respectively;

18 (3) by inserting after paragraph (3) the fol-  
19 lowing:

20 “(4) ABILITY TO CONDUCT CERTAIN BUSI-  
21 NESS.—If all of the members of 1 voting bloc de-  
22 scribed in paragraph (3) abstain from a Committee  
23 decision, agreement between the other 2 voting blocs  
24 consistent with the procedures set forth in such

1 paragraph shall be deemed sufficient for purpose of  
2 achieving unanimous consent.”;

3 (4) in paragraph (5), as redesignated, in the  
4 matter preceding subparagraph (A)—

5 (A) by striking “convene a meeting and  
6 shall define and implement” and inserting “de-  
7 fine and periodically update”; and

8 (B) by striking “not later than 180 days  
9 after the date of establishment of the Com-  
10 mittee by the Secretary”; and

11 (5) in paragraph (7), as redesignated—

12 (A) in the paragraph heading, by striking  
13 “ALLOCATION METHODOLOGY” and inserting  
14 “METHODOLOGY POLICY”;

15 (B) in subparagraph (A), by striking “allo-  
16 cation methodology” and inserting “method-  
17 ology policy”;

18 (C) by amending subparagraph (B) to read  
19 as follows:

20 “(B) REVISIONS TO COST METHODOLOGY  
21 POLICY.—

22 “(i) REQUIREMENT TO REVISE AND  
23 UPDATE.—Subject to rules and procedures  
24 established pursuant to clause (iii), not  
25 later than March 31, 2022, the Committee

1 shall revise and update the cost method-  
2 ology policy required and previously ap-  
3 proved under section 209 of the Passenger  
4 Rail Investment and Improvement Act of  
5 2008 (49 U.S.C. 20901 note). The Com-  
6 mittee shall implement a revised cost meth-  
7 odology policy during fiscal year 2023. Not  
8 later than 30 days after the adoption of  
9 the revised cost methodology policy, the  
10 Committee shall submit a report docu-  
11 menting and explaining any changes to the  
12 cost methodology policy and plans for im-  
13 plementation of such policy, including a de-  
14 scription of the improvements to the ac-  
15 counting information provided by Amtrak  
16 to the States, to the Committee on Com-  
17 merce, Science, and Transportation of the  
18 Senate and the Committee on Transpor-  
19 tation and Infrastructure of the House of  
20 Representatives. The revised cost method-  
21 ology policy shall ensure that States will be  
22 responsible for costs attributable to the  
23 provision of service for their routes.

24 “(ii) IMPLEMENTATION IMPACTS ON  
25 FEDERAL FUNDING.—To the extent that a

1 revision developed pursuant to clause (i)  
2 assigns to Amtrak costs that were pre-  
3 viously allocated to States, Amtrak shall  
4 request with specificity such additional  
5 funding in the general and legislative an-  
6 nual report required under section 24315  
7 or in any appropriate subsequent Federal  
8 funding request for the fiscal year in which  
9 the revised cost methodology policy will be  
10 implemented.

11 “(iii) PROCEDURES FOR CHANGING  
12 METHODOLOGY.—Notwithstanding section  
13 209(b) of the Passenger Rail Investment  
14 and Improvement Act of 2008 (49 U.S.C.  
15 20901 note), the rules and procedures im-  
16 plemented pursuant to paragraph (5) shall  
17 include—

18 “(I) procedures for changing the  
19 cost methodology policy in accordance  
20 with clause (i); and

21 “(II) procedures or broad guide-  
22 lines for conducting financial plan-  
23 ning, including operating and capital  
24 forecasting, reporting, data sharing,  
25 and governance.”;

1 (D) in subparagraph (C)—

2 (i) in the matter preceding clause (i),  
3 by striking “allocation methodology” and  
4 inserting “methodology policy”;

5 (ii) in clause (i), by striking “and” at  
6 the end;

7 (iii) in clause (ii)—

8 (I) by striking “allocate” and in-  
9 serting “assign”; and

10 (II) by striking the period and  
11 inserting “; and”; and

12 (iv) by adding at the end the fol-  
13 lowing:

14 “(iii) promote increased efficiency in  
15 Amtrak’s operating and capital activities.”;  
16 and

17 (E) by adding at the end the following:

18 “(D) INDEPENDENT EVALUATION.—Not  
19 later than March 31 of each year, the Com-  
20 mittee shall ensure that an independent entity  
21 selected by the Committee has completed an  
22 evaluation to determine whether State pay-  
23 ments for the most recently concluded fiscal  
24 year are accurate and comply with the applica-  
25 ble cost allocation methodology.”.

1 (b) INVOICES AND REPORTS.—Section 24712(b) of  
2 title 49, United States Code, is amended to read as fol-  
3 lows:

4 “(b) INVOICES AND REPORTS.—

5 “(1) INVOICES.—Amtrak shall provide monthly  
6 invoices to the Committee and to each State that  
7 sponsors a State-supported route that identify the  
8 operating costs for such route, including fixed costs  
9 and third-party costs.

10 “(2) REPORTS.—

11 “(A) IN GENERAL.—The Committee shall  
12 determine the frequency and contents of—

13 “(i) the financial and performance re-  
14 ports that Amtrak is required to provide to  
15 the Committee and the States; and

16 “(ii) the planning and demand reports  
17 that the States are required to provide to  
18 the Committee and Amtrak.

19 “(B) MONTHLY STATISTICAL REPORT.—

20 “(i) DEVELOPMENT.—Consistent with  
21 the revisions to the policy required under  
22 subsection (a)(7)(B), the Committee shall  
23 develop a report that contains the general  
24 ledger data and operating statistics from

1 Amtrak’s accounting systems used to cal-  
2 culate payments to States.

3 “(ii) PROVISION OF NECESSARY  
4 DATA.—Not later than 30 days after the  
5 last day of each month, Amtrak shall pro-  
6 vide to the States and to the Committee  
7 the necessary data to complete the report  
8 developed pursuant to clause (i) for such  
9 month.”.

10 (c) DISPUTE RESOLUTION.—Section 24712(e) of title  
11 49, United States Code, is amended—

12 (1) in paragraph (1)—

13 (A) by striking “(a)(4)” and inserting  
14 “(a)(5)”; and

15 (B) by striking “(a)(6)” and inserting  
16 “(a)(7)”; and

17 (2) in paragraph (4), by inserting “related to a  
18 State-supported route that a State sponsors that is”  
19 after “amount”.

20 (d) PERFORMANCE METRICS.—Section 24712(e) of  
21 title 49, United States Code, is amended by inserting “,  
22 including incentives to increase revenue, reduce costs, fi-  
23 nalize contracts by the beginning of the fiscal year, and  
24 require States to promptly make payments for services de-  
25 livered” before the period at the end.

1 (e) STATEMENT OF GOALS AND OBJECTIVES.—Sec-  
2 tion 24712(f) of title 49, United States Code, is amend-  
3 ed—

4 (1) in paragraph (1), by inserting “, and review  
5 and update, as necessary,” after “shall develop”;

6 (2) in paragraph (2), by striking “Not later  
7 than 2 years after the date of enactment of the Pas-  
8 senger Rail Reform and Investment Act of 2015, the  
9 Committee shall transmit the statement” and insert-  
10 ing “As applicable, based on updates, the Committee  
11 shall submit an updated statement”; and

12 (3) by adding at the end the following:

13 “(3) SENSE OF CONGRESS.—It is the sense of  
14 Congress that—

15 “(A) the Committee shall be the forum  
16 where Amtrak and the States collaborate on the  
17 planning, improvement, and development of cor-  
18 ridor routes across the National Network; and

19 “(B) such collaboration should include reg-  
20 ular consultation with interstate rail compact  
21 parties and other regional planning organiza-  
22 tions that address passenger rail.”.

23 (f) OTHER REFORMS RELATED TO STATE-SUP-  
24 PORTED ROUTES.—Section 24712 of title 49, United



1 States Code, as amended by subsections (a) through (e),  
2 is further amended—

3 (1) by redesignating subsections (g) and (h) as  
4 subsections (k) and (l), respectively; and

5 (2) by inserting after subsection (f) the fol-  
6 lowing:

7 “(g) NEW STATE-SUPPORTED ROUTES.—

8 “(1) CONSULTATION.—In developing a new  
9 State-supported route, Amtrak shall consult with—

10 “(A) the State or States and local municipi-  
11 palities through which such new service would  
12 operate;

13 “(B) commuter authorities and regional  
14 transportation authorities in the areas that  
15 would be served by the planned route;

16 “(C) host railroads;

17 “(D) the Administrator of the Federal  
18 Railroad Administration; and

19 “(E) other stakeholders, as appropriate.

20 “(2) STATE COMMITMENTS.—Notwithstanding  
21 any other provision of law, before beginning con-  
22 struction necessary for, or beginning operation of, a  
23 State-supported route that is initiated on or after  
24 the date of enactment of the Passenger Rail Expans-  
25 sion and Rail Safety Act of 2021, Amtrak shall

1 enter into a memorandum of understanding, or oth-  
2 erwise secure an agreement, with each State that  
3 would be providing funding for such route for shar-  
4 ing—

5 “(A) ongoing operating costs and capital  
6 costs in accordance with the cost methodology  
7 policy referred to in subsection (a)(7) then in  
8 effect; or

9 “(B) ongoing operating costs and capital  
10 costs in accordance with the maximum funding  
11 limitations described in section 22908(e).

12 “(3) APPLICATION OF TERMS.—In this sub-  
13 section, the terms ‘capital costs’ and ‘operating  
14 costs’ shall apply in the same manner as such terms  
15 apply under the cost methodology policy developed  
16 pursuant to subsection (a)(7).

17 “(h) COST METHODOLOGY POLICY UPDATE IMPLE-  
18 MENTATION REPORT.—Not later than 18 months after  
19 the updated cost methodology policy required under sub-  
20 section (a)(7)(B) is implemented, the Committee shall  
21 submit a report to the Committee on Commerce, Science,  
22 and Transportation of the Senate and the Committee on  
23 Transportation and Infrastructure of the House of Rep-  
24 resentatives that assesses the implementation of the up-  
25 dated policy.

1 “(i) IDENTIFICATION OF STATE-SUPPORTED ROUTE  
2 CHANGES.—Amtrak shall—

3 “(1) not later than 120 days before the submis-  
4 sion of the general and legislative annual report re-  
5 quired under section 24315(b), consult with the  
6 Committee and any additional States through which  
7 a State-supported route may operate regarding any  
8 proposed changes to such route; and

9 “(2) include in such report an update of any  
10 planned or proposed changes to State-supported  
11 routes, including the introduction of new State-sup-  
12 ported routes, including—

13 “(A) the timeframe in which such changes  
14 would take effect; and

15 “(B) whether Amtrak has entered into  
16 commitments with the affected States pursuant  
17 subsection (g)(2).

18 “(j) ECONOMIC ANALYSIS.—Not later than 3 years  
19 after the date of enactment of the Passenger Rail Expan-  
20 sion and Rail Safety Act of 2021, the Committee shall  
21 submit a report to the Committee on Commerce, Science,  
22 and Transportation of the Senate and the Committee on  
23 Transportation and Infrastructure of the House of Rep-  
24 resentatives that—

1           “(1) describes the role of the State-supported  
2 routes in economic development; and

3           “(2) examines the impacts of the State-sup-  
4 ported routes on local station areas, job creation,  
5 transportation efficiency, State economies, and the  
6 national economy.”.

7 **SEC. 7212. ENHANCING CROSS BORDER SERVICE.**

8           (a) IN GENERAL.—Not later than 1 year after the  
9 date of enactment of this Act, Amtrak, after consultation  
10 with the Secretary, the Secretary of Homeland Security,  
11 relevant State departments of transportation, Canadian  
12 governmental agencies and entities, and owners of the rel-  
13 evant rail infrastructure and facilities, shall submit a re-  
14 port to the Committee on Commerce, Science, and Trans-  
15 portation of the Senate and the Committee on Transpor-  
16 tation and Infrastructure of the House of Representatives  
17 regarding enhancing Amtrak passenger rail service be-  
18 tween the United States and Canada that—

19           (1) identifies challenges to Amtrak operations  
20 in Canada, including delays associated with custom  
21 and immigration inspections in both the United  
22 States and Canada; and

23           (2) includes recommendations to improve such  
24 cross border service, including the feasibility of and

1 costs associated with a preclearance facility or facili-  
2 ties.

3 (b) ASSISTANCE AND SUPPORT.—The Secretary, the  
4 Secretary of State, and the Secretary of Homeland Secu-  
5 rity may provide assistance and support requested by Am-  
6 trak that is necessary to carry out this section, as deter-  
7 mined appropriate by the respective Secretary.

8 **SEC. 7213. CREATING QUALITY JOBS.**

9 Section 121 of the Amtrak Reform and Account-  
10 ability Act of 1997 (49 U.S.C. 24312 note) is amended—

11 (1) by redesignating subsection (d) as sub-  
12 section (f); and

13 (2) by inserting after subsection (c) the fol-  
14 lowing:

15 “(d) FURLOUGHED WORK.—Amtrak may not con-  
16 tract out work within the classification of work performed  
17 by an employee in a bargaining unit covered by a collective  
18 bargaining agreement entered into between Amtrak and  
19 an organization representing Amtrak employees during  
20 the period such employee has been laid off and has not  
21 been recalled to perform such work.

22 “(e) AGREEMENT PROHIBITIONS ON CONTRACTING  
23 OUT.—This section does not—

24 “(1) supersede a prohibition or limitation on  
25 contracting out work covered by an agreement en-

1       tered into between Amtrak and an organization rep-  
2       resenting Amtrak employees; or

3               “(2) prohibit Amtrak and an organization rep-  
4       resenting Amtrak employees from entering into an  
5       agreement that allows for contracting out the work  
6       of a furloughed employee that would otherwise be  
7       prohibited under subsection (d).”.

8 **SEC. 7214. AMTRAK DAILY LONG-DISTANCE SERVICE**  
9               **STUDY.**

10       (a) IN GENERAL.—The Secretary shall conduct a  
11       study to evaluate the restoration of daily intercity rail pas-  
12       senger service along—

13               (1) any Amtrak long-distance routes that, as of  
14       the date of enactment of this Act, were discontinued;  
15       and

16               (2) any Amtrak long-distance routes that, as of  
17       the date of enactment of this Act, occur on a  
18       nondaily basis.

19       (b) INCLUSIONS.—The study under subsection (a)  
20       shall—

21               (1) evaluate all options for restoring or enhanc-  
22       ing to daily-basis intercity rail passenger service  
23       along each Amtrak route described in that sub-  
24       section;

1           (2) select a preferred option for restoring or en-  
2           hancing the service described in paragraph (1);

3           (3) develop a prioritized inventory of capital  
4           projects and other actions that are required to re-  
5           store or enhance the service described in paragraph  
6           (1), including cost estimates for those projects and  
7           actions;

8           (4) develop recommendations for methods by  
9           which Amtrak could work with local communities  
10          and organizations to develop activities and programs  
11          to continuously improve public use of intercity pas-  
12          senger rail service along each route; and

13          (5) identify Federal and non-Federal funding  
14          sources required to restore or enhance the service  
15          described in paragraph (1), including—

16                 (A) increased Federal funding for Amtrak  
17                 based on applicable reductions or  
18                 discontinuations in service; and

19                 (B) options for entering into public-private  
20                 partnerships to restore that service.

21          (c) OTHER FACTORS WHEN CONSIDERING EXPAN-  
22          SIONS.—In evaluating intercity passenger rail routes  
23          under this section, the Secretary may evaluate potential  
24          new Amtrak long-distance routes, including with specific  
25          attention provided to routes in service as of April 1971

1 but not continued by Amtrak, taking into consideration  
2 whether those new routes would—

3 (1) link and serve large and small communities  
4 as part of a regional rail network;

5 (2) advance the economic and social well-being  
6 of rural areas of the United States;

7 (3) provide enhanced connectivity for the na-  
8 tional long-distance passenger rail system; and

9 (4) reflect public engagement and local and re-  
10 gional support for restored passenger rail service.

11 (d) CONSULTATION.—In conducting the study under  
12 this section, the Secretary shall consult, through working  
13 groups or other forums as the Secretary determines to be  
14 appropriate, with—

15 (1) Amtrak;

16 (2) each State along a relevant route;

17 (3) regional transportation planning organiza-  
18 tions and metropolitan planning organizations, mu-  
19 nicipalities, and communities along those relevant  
20 routes, to be selected by the Secretary;

21 (4) host railroad carriers the tracks of which  
22 may be used for a service described in subsection  
23 (a);

24 (5) organizations representing onboard Amtrak  
25 employees;



1           (6) nonprofit organizations representing Am-  
2           trak passengers;

3           (7) relevant regional passenger rail authorities  
4           and federally recognized Indian Tribes; and

5           (8) such other entities as the Secretary may se-  
6           lect.

7           (e) REPORT.—Not later than 2 years after the date  
8 of enactment of this Act, the Secretary shall submit to  
9 the Committee on Commerce, Science, and Transportation  
10 of the Senate and the Committee on Transportation and  
11 Infrastructure of the House of Representatives a report  
12 that includes—

13           (1) the preferred options selected under sub-  
14           section (b)(2), including the reasons for selecting  
15           each option;

16           (2) the information described in subsection  
17           (b)(3);

18           (3) the funding sources identified pursuant to  
19           subsection (b)(5);

20           (4) the estimated costs and public benefits of  
21           restoring or enhancing intercity rail passenger trans-  
22           portation in the region impacted for each relevant  
23           Amtrak route; and

24           (5) any other information the Secretary deter-  
25           mines to be appropriate.

1 (f) FUNDING.—There are authorized to be appro-  
2 priated to the Secretary to conduct the study under this  
3 section and to carry out the consultations required by sub-  
4 section (d)—

5 (1) \$7,500,000 for fiscal year 2022; and

6 (2) \$7,500,000 for fiscal year 2023.

7 **Subtitle C—Intercity Passenger**  
8 **Rail Policy**

9 **SEC. 7301. NORTHEAST CORRIDOR PLANNING.**

10 Section 24904 of title 49, United States Code, is  
11 amended—

12 (1) by striking subsections (a) and (d);

13 (2) by redesignating subsections (b) and (c) as  
14 subsections (c) and (d), respectively;

15 (3) by inserting before subsection (c), as redес-  
16 igned, the following:

17 “(a) NORTHEAST CORRIDOR SERVICE DEVELOP-  
18 MENT PLAN.—

19 “(1) IN GENERAL.—Not later than March 31,  
20 2022, the Northeast Corridor Commission estab-  
21 lished under section 24905 (referred to in this sec-  
22 tion as the ‘Commission’) shall submit a service de-  
23 velopment plan to Congress.

24 “(2) CONTENTS.—The plan required under  
25 paragraph (1) shall—

1           “(A) identify key state-of-good-repair, ca-  
2           capacity expansion, and capital improvement  
3           projects planned for the Northeast Corridor;

4           “(B) provide a coordinated and consensus-  
5           based plan covering a 15-year period;

6           “(C) identify service objectives and the  
7           capital investments required to meet such objec-  
8           tives;

9           “(D) provide a delivery-constrained strat-  
10          egy that identifies—

11                   “(i) capital investment phasing;

12                   “(ii) an evaluation of workforce needs;

13                   and

14                   “(iii) strategies for managing re-  
15                   sources and mitigating construction im-  
16                   pacts on operations; and

17           “(E) include a financial strategy that iden-  
18           tifies funding needs and potential funding  
19           sources.

20          “(3) UPDATES.—The Commission shall update  
21          the service development plan not less frequently than  
22          once every 5 years.

23          “(b) NORTHEAST CORRIDOR CAPITAL INVESTMENT  
24          PLAN.—

1           “(1) IN GENERAL.—Not later than November 1  
2 of each year, the Commission shall—

3           “(A) develop an annual capital investment  
4 plan for the Northeast Corridor; and

5           “(B) submit the capital investment plan  
6 to—

7           “(i) the Secretary of Transportation;

8           “(ii) the Committee on Commerce,  
9 Science, and Transportation of the Senate;  
10 and

11           “(iii) the Committee on Transpor-  
12 tation and Infrastructure of the House of  
13 Representatives.

14           “(2) CONTENTS.—The plan required under  
15 paragraph (1) shall—

16           “(A) reflect coordination across the entire  
17 Northeast Corridor;

18           “(B) integrate the individual capital plans  
19 developed by Amtrak, States, and commuter au-  
20 thorities in accordance with the cost allocation  
21 policy developed and approved under section  
22 24905(c);

23           “(C) cover a period of 5 fiscal years, begin-  
24 ning with the fiscal year during which the plan  
25 is submitted;

1           “(D) notwithstanding section 24902(b),  
2 document the projects and programs being un-  
3 dertaken to advance the service objectives and  
4 capital investments identified in the Northeast  
5 Corridor service development plan developed  
6 under subsection (a), and the asset condition  
7 needs identified in the Northeast Corridor asset  
8 management plans, after considering—

9                   “(i) the benefits and costs of capital  
10 investments in the plan;

11                   “(ii) project and program readiness;

12                   “(iii) the operational impacts; and

13                   “(iv) Federal and non-Federal fund-  
14 ing availability;

15           “(E) categorize capital projects and pro-  
16 grams as primarily associated with 1 of the cat-  
17 egories listed under section 24319(c)(2)(C);

18           “(F) identify capital projects and pro-  
19 grams that are associated with more than 1  
20 category described in subparagraph (E); and

21           “(G) include a financial plan that identi-  
22 fies—

23                   “(i) funding sources and financing  
24 methods;

1                   “(ii) the status of cost sharing agree-  
2                   ments pursuant to the cost allocation pol-  
3                   icy developed under section 24905(c);

4                   “(iii) the projects and programs that  
5                   the Commission expects will receive Fed-  
6                   eral financial assistance; and

7                   “(iv) the eligible entity or entities that  
8                   the Commission expects—

9                                 “(I) to receive the Federal finan-  
10                                cial assistance referred to in clause  
11                                (iii); and

12                               “(II) to implement each capital  
13                               project.

14                   “(3) REVIEW AND COORDINATION.—The Com-  
15                   mission shall require that the information described  
16                   in paragraph (2) be submitted in a timely manner  
17                   to allow for a reasonable period of review by, and co-  
18                   ordination with, affected agencies before the Com-  
19                   mission submits the capital investment plan pursu-  
20                   ant to paragraph (1).”;

21                   (4) in subsection (c), as redesignated, by strik-  
22                   ing “spent only on—” and all that follows and in-  
23                   serting “spent only on capital projects and programs  
24                   contained in the Commission’s capital investment  
25                   plan for the prior fiscal year.”; and

1           (5) by amending subsection (d), as redesignig-  
2 nated, to read as follows:

3           “(d) NORTHEAST CORRIDOR CAPITAL ASSET MAN-  
4 AGEMENT SYSTEM.—

5           “(1) IN GENERAL.—Amtrak and other infra-  
6 structure owners that provide or support intercity  
7 rail passenger transportation along the Northeast  
8 Corridor shall develop an asset management system  
9 and use and update such system, as necessary, to  
10 develop submissions to the Northeast Corridor cap-  
11 ital investment plan described in subsection (b).

12           “(2) FEATURES.—The system required under  
13 paragraph (1) shall develop submissions that—

14           “(A) are consistent with the transit asset  
15 management system (as defined in section  
16 5326(a)(3)); and

17           “(B) include—

18           “(i) an inventory of all capital assets  
19 owned by the developer of the plan;

20           “(ii) an assessment of condition of  
21 such capital assets;

22           “(iii) a description of the resources  
23 and processes that will be necessary to  
24 bring or to maintain such capital assets in  
25 a state of good repair; and

1                   “(iv) a description of changes in the  
2                   condition of such capital assets since the  
3                   submission of the prior version of the  
4                   plan.”.

5 **SEC. 7302. NORTHEAST CORRIDOR COMMISSION.**

6           Section 24905 of title 49, United States Code, is  
7 amended—

8                   (1) in subsection (a)(1)(D), by inserting “au-  
9                   thorities” after “carriers”;

10                   (2) in subsection (b)(3)(B)—

11                   (A) in clause (i)—

12                           (i) by inserting “, including ridership  
13                           trends,” after “transportation”; and

14                           (ii) by striking “and” at the end;

15                   (B) in clause (ii)—

16                           (i) by inserting “first year of the”  
17                           after “the delivery of the”; and

18                           (ii) by striking the period at the end  
19                           and inserting “; and”; and

20                   (C) by adding at the end the following:

21                           “(iii) progress in assessing and elimi-  
22                           nating the state-of-good-repair backlog.”;

23                   (3) in subsection (c)—

24                   (A) in paragraph (1)—



1 (i) in the paragraph heading, by strik-  
2 ing “DEVELOPMENT OF POLICY” and in-  
3 sserting “POLICY”;

4 (ii) in subparagraph (A), by striking  
5 “develop a standardized policy” and insert-  
6 ing “develop and maintain the standard-  
7 ized policy first approved on September 17,  
8 2015, and update, as appropriate,”;

9 (iii) by amending subparagraph (B) to  
10 read as follows:

11 “(B) develop timetables for implementing  
12 and maintaining the policy;”;

13 (iv) in subparagraph (C), by striking  
14 “the policy and the timetable” and insert-  
15 ing “updates to the policy and timetables”;  
16 and

17 (v) by amending subparagraph (D) to  
18 read as follows:

19 “(D) support the efforts of the members of  
20 the Commission to implement the policy in ac-  
21 cordance with the timetables developed pursu-  
22 ant to subparagraph (B);”;

23 (B) by amending paragraph (2) to read as  
24 follows:

25 “(2) IMPLEMENTATION.—

1           “(A) IN GENERAL.—In accordance with  
2 the timetables developed pursuant to paragraph  
3 (1)(B), Amtrak and commuter authorities on  
4 the Northeast Corridor shall implement the pol-  
5 icy developed under paragraph (1) in their  
6 agreements for usage of facilities or services.

7           “(B) EFFECT OF FAILURE TO IMPLEMENT  
8 OR COMPLY WITH POLICY.—If the entities re-  
9 ferred to in subparagraph (A) fail to implement  
10 the policy in accordance with paragraph (1)(D)  
11 or fail to comply with the policy thereafter, the  
12 Surface Transportation Board shall—

13           “(i) determine the appropriate com-  
14 pensation in accordance with the proce-  
15 dures and procedural schedule applicable  
16 to a proceeding under section 24903(c),  
17 after taking into consideration the policy  
18 developed under paragraph (1); and

19           “(ii) enforce its determination on the  
20 party or parties involved.”; and

21           (C) in paragraph (4), by striking “public  
22 authorities providing commuter rail passenger  
23 transportation” and inserting “commuter au-  
24 thorities”; and

25           (4) in subsection (d)—

1 (A) by striking “2016 through 2020” and  
2 inserting “2022 through 2026”; and

3 (B) by striking “section 11101(g) of the  
4 Passenger Rail Reform and Investment Act of  
5 2015” and inserting “section 7101(e) of the  
6 Passenger Rail Expansion and Rail Safety Act  
7 of 2021”.

8 **SEC. 7303. CONSOLIDATED RAIL INFRASTRUCTURE AND**  
9 **SAFETY IMPROVEMENTS.**

10 (a) IN GENERAL.—Section 22907 of title 49, United  
11 States Code, is amended—

12 (1) in subsection (b)—

13 (A) in paragraph (1), by inserting “(in-  
14 cluding the District of Columbia)” after  
15 “State”;

16 (B) in paragraph (6), by inserting “rail  
17 carrier and intercity rail passenger transpor-  
18 tation are” before “defined”;

19 (C) by redesignating paragraphs (8)  
20 through (11) as paragraphs (10) through (13),  
21 respectively; and

22 (D) by inserting after paragraph (7) the  
23 following:

24 “(8) An association representing 1 or more rail-  
25 roads described in paragraph (7).”;

1 “(9) A federally recognized Indian Tribe.”;

2 (2) in subsection (c)—

3 (A) in paragraph (3), by adding “or safe-  
4 ty” after “congestion”;

5 (B) in paragraph (6), by striking “and”  
6 and inserting “or”;

7 (C) by redesignating paragraphs (11) and  
8 (12) as paragraphs (12) and (13), respectively;

9 (D) by inserting after paragraph (10) the  
10 following:

11 “(11) The development and implementation of  
12 measures to prevent trespassing and reduce associ-  
13 ated injuries and fatalities.”; and

14 (E) by inserting after paragraph (13), as  
15 redesignated, the following:

16 “(14) Research, development, and testing to ad-  
17 vance and facilitate innovative rail projects, includ-  
18 ing projects using electromagnetic guideways in an  
19 enclosure in a very low-pressure environment.

20 “(15) The preparation of emergency plans for  
21 communities through which hazardous materials are  
22 transported by rail.

23 “(16) Rehabilitating, remanufacturing, pro-  
24 curing, or overhauling locomotives, provided that

1 such activities result in a significant reduction of  
2 emissions.”; and

3 (3) in subsection (h), by adding at the end the  
4 following:

5 “(4) GRADE CROSSING AND TRESPASSING  
6 PROJECTS.—Applicants may use costs incurred pre-  
7 viously for preliminary engineering associated with  
8 highway-rail grade crossing improvement projects  
9 under subsection (c)(5) and trespassing prevention  
10 projects under subsection (c)(11) to satisfy the non-  
11 Federal share requirements.”.

12 (b) RULE OF CONSTRUCTION.—The amendments  
13 made by subsection (a) may not be construed to affect  
14 any grant, including any application for a grant, made  
15 under section 22907 of title 49, United States Code, be-  
16 fore the date of enactment of this Act.

17 (c) TECHNICAL CORRECTION.—

18 (1) IN GENERAL.—Section 22907(l)(1)(A) of  
19 title 49, United States Code, is amended by insert-  
20 ing “, including highway construction over rail facili-  
21 ties as an alternative to construction or improvement  
22 of a highway-rail grade crossing,” after “under  
23 chapter 227”.

24 (2) APPLICABILITY.—The amendment made by  
25 paragraph (1) shall apply to amounts remaining

1 under section 22907(l) of title 49, United States  
2 Code, from appropriations for prior fiscal years.

3 **SEC. 7304. RESTORATION AND ENHANCEMENT GRANTS.**

4 Section 22908 of title 49, United States Code, is  
5 amended—

6 (1) by amending subsection (a) to read as fol-  
7 lows:

8 “(a) DEFINITIONS.—In this section:

9 “(1) APPLICANT.—Notwithstanding section  
10 22901(1), the term ‘applicant’ means—

11 “(A) a State, including the District of Co-  
12 lumbia;

13 “(B) a group of States;

14 “(C) an entity implementing an interstate  
15 compact;

16 “(D) a public agency or publicly chartered  
17 authority established by 1 or more States;

18 “(E) a political subdivision of a State;

19 “(F) a federally recognized Indian Tribe;

20 “(G) Amtrak or another rail carrier that  
21 provides intercity rail passenger transportation;

22 “(H) any rail carrier in partnership with  
23 at least 1 of the entities described in subpara-  
24 graphs (A) through (F); and

1                   “(I) any combination of the entities de-  
2                   scribed in subparagraphs (A) through (F).

3                   “(2) OPERATING ASSISTANCE.—The term ‘oper-  
4                   ating assistance’, with respect to any route subject  
5                   to section 209 of the Passenger Rail Investment and  
6                   Improvement Act of 2008 (Public Law 110–432),  
7                   means any cost allocated, or that may be allocated,  
8                   to a route pursuant to the cost methodology estab-  
9                   lished under such section or under section 24712.”;

10                   (2) in subsection (c)(3), by striking “3 years”  
11                   each place such term appears and inserting “6  
12                   years”;

13                   (3) in subsection (d)—

14                   (A) in paragraph (8), by striking “and”;

15                   (B) in paragraph (9), by striking the pe-  
16                   riod at the end and inserting “; and”; and

17                   (C) by adding at the end the following:

18                   “(10) for routes selected under the Corridor  
19                   Identification and Development Program and oper-  
20                   ated by Amtrak.”; and

21                   (4) in subsection (e)—

22                   (A) in paragraph (1)—

23                   (i) by striking “assistance”; and

24                   (ii) by striking “3 years” and insert-  
25                   ing “6 years (including for any such routes

1 selected for funding before the date of en-  
2 actment of the Passenger Rail Expansion  
3 and Rail Safety Act of 2021)”; and

4 (B) in paragraph (3), by striking subpara-  
5 graphs (A), (B), and (C) and inserting the fol-  
6 lowing:

7 “(A) 90 percent of the projected net oper-  
8 ating costs for the first year of service;

9 “(B) 80 percent of the projected net oper-  
10 ating costs for the second year of service;

11 “(C) 70 percent of the projected net oper-  
12 ating costs for the third year of service;

13 “(D) 60 percent of the projected net oper-  
14 ating costs for the fourth year of service;

15 “(E) 50 percent of the projected net oper-  
16 ating costs for the fifth year of service; and

17 “(F) 30 percent of the projected net oper-  
18 ating costs for the sixth year of service.”.

19 **SEC. 7305. RAILROAD CROSSING ELIMINATION PROGRAM.**

20 (a) IN GENERAL.—Chapter 229 of title 49, United  
21 States Code, is amended by adding at the end the fol-  
22 lowing:

23 **“§ 22909. Railroad Crossing Elimination Program**

24 “(a) IN GENERAL.—The Secretary of Transpor-  
25 tation, in cooperation with the Administrator of the Fed-



1 eral Railroad Administration, shall establish a competitive  
2 grant program (referred to in this section as the ‘Pro-  
3 gram’) under which the Secretary shall award grants to  
4 eligible recipients described in subsection (c) for highway-  
5 rail or pathway-rail grade crossing improvement projects  
6 that focus on improving the safety and mobility of people  
7 and goods.

8 “(b) GOALS.—The goals of the Program are—

9 “(1) to eliminate highway-rail grade crossings  
10 that are frequently blocked by trains;

11 “(2) to improve the health and safety of com-  
12 munities;

13 “(3) to reduce the impacts that freight move-  
14 ment and railroad operations may have on under-  
15 served communities; and

16 “(4) to improve the mobility of people and  
17 goods.

18 “(c) ELIGIBLE RECIPIENTS.—The following entities  
19 are eligible to receive a grant under this section:

20 “(1) A State, including the District of Colum-  
21 bia, Puerto Rico, and other United States territories  
22 and possessions.

23 “(2) A political subdivision of a State.

24 “(3) A federally recognized Indian Tribe.

1           “(4) A unit of local government or a group of  
2 local governments.

3           “(5) A public port authority.

4           “(6) A metropolitan planning organization.

5           “(7) A group of entities described in any of  
6 paragraphs (1) through (6).

7           “(d) **ELIGIBLE PROJECTS.**—The Secretary may  
8 award a grant under the Program for a highway-rail or  
9 pathway-rail grade crossing improvement project (includ-  
10 ing acquiring real property interests) involving—

11           “(1) grade separation or closure, including  
12 through the use of a bridge, embankment, tunnel, or  
13 combination thereof;

14           “(2) track relocation;

15           “(3) the improvement or installation of protec-  
16 tive devices, signals, signs, or other measures to im-  
17 prove safety, provided that such activities are related  
18 to a separation or relocation project described in  
19 paragraph (1) or (2);

20           “(4) other means to improve the safety and mo-  
21 bility of people and goods at highway-rail grade  
22 crossings (including technological solutions);

23           “(5) a group of related projects described in  
24 paragraphs (1) through (4) that would collectively  
25 improve the mobility of people and goods; or

1           “(6) the planning, environmental review, and  
2 design of an eligible project described in paragraphs  
3 (1) through (5).

4           “(e) APPLICATION PROCESS.—

5           “(1) IN GENERAL.—An eligible entity seeking a  
6 grant under the Program shall submit an application  
7 to the Secretary at such time, in such manner, and  
8 containing such information as the Secretary may  
9 require.

10           “(2) RAILROAD APPROVALS.—

11           “(A) IN GENERAL.—Except as provided in  
12 subparagraph (B), the Secretary shall require  
13 applicants to obtain the necessary approvals  
14 from any impacted rail carriers or real property  
15 owners before proceeding with the construction  
16 of a project funded by a grant under the Pro-  
17 gram.

18           “(B) EXCEPTION.—The requirement under  
19 subparagraph (A) shall not apply to planning  
20 projects described in subsection (d)(6) if the ap-  
21 plicant agrees to work collaboratively with rail  
22 carriers and right-of-way owners.

23           “(f) PROJECT SELECTION CRITERIA.—

1           “(1) IN GENERAL.—In awarding grants under  
2 the Program, the Secretary shall evaluate the extent  
3 to which proposed projects would—

4           “(A) improve safety at highway-rail or  
5 pathway-rail grade crossings;

6           “(B) grade separate, eliminate, or close  
7 highway-rail or pathway-rail grade crossings;

8           “(C) improve the mobility of people and  
9 goods;

10           “(D) reduce emissions, protect the environ-  
11 ment, and provide community benefits, includ-  
12 ing noise reduction;

13           “(E) improve access to emergency services;

14           “(F) provide economic benefits; and

15           “(G) improve access to communities sepa-  
16 rated by rail crossings.

17           “(2) ADDITIONAL CONSIDERATIONS.—In  
18 awarding grants under the Program, the Secretary  
19 shall consider—

20           “(A) the degree to which the proposed  
21 project will use—

22           “(i) innovative technologies;

23           “(ii) innovative design and construc-  
24 tion techniques; or

1                   “(iii) construction materials that re-  
2                   duce greenhouse gas emissions;

3                   “(B) the applicant’s planned use of con-  
4                   tracting incentives to employ local labor, to the  
5                   extent permissible under Federal law;

6                   “(C) whether the proposed project will im-  
7                   prove the mobility of—

8                   “(i) multiple modes of transportation,  
9                   including ingress and egress from freight  
10                  facilities; or

11                  “(ii) users of nonvehicular modes of  
12                  transportation, such as pedestrians,  
13                  bicyclists, and public transportation;

14                  “(D) whether the proposed project is iden-  
15                  tified in—

16                  “(i) the freight investment plan com-  
17                  ponent of a State freight plan, as required  
18                  under section 70202(b)(9);

19                  “(ii) a State rail plan prepared in ac-  
20                  cordance with chapter 227; or

21                  “(iii) a State highway-rail grade  
22                  crossing action plan, as required under sec-  
23                  tion 11401(b) of the Passenger Rail Re-  
24                  form and Investment Act of 2015 (title XI  
25                  of Public Law 114–94); and

1                   “(E) the level of financial support provided  
2                   by impacted rail carriers.

3                   “(3) AWARD DISTRIBUTION.—In selecting  
4                   grants for Program funds in any fiscal year, the  
5                   Secretary shall comply with the following limitations:

6                   “(A) GRANT FUNDS.—Not less than 20  
7                   percent of the grant funds available for the  
8                   Program in any fiscal year shall be reserved for  
9                   projects located in rural areas or on Tribal  
10                  lands. The requirement under section 22907(l),  
11                  which applies to this section, shall not apply to  
12                  grant funds reserved specifically under this sub-  
13                  paragraph. Not less than 5 percent of the grant  
14                  funds reserved under this subparagraph shall be  
15                  reserved for projects in counties with 20 or  
16                  fewer residents per square mile, according to  
17                  the most recent decennial census, provided that  
18                  sufficient eligible applications have been sub-  
19                  mitted.

20                  “(B) PLANNING GRANTS.—Not less than  
21                  25 percent of the grant funds set aside for  
22                  planning projects in any fiscal year pursuant to  
23                  section 7104(b) of the Passenger Rail Expans-  
24                  sion and Rail Safety Act of 2021 shall be

1 awarded for projects located in rural areas or  
2 on tribal lands.

3 “(C) STATE LIMITATION.—Not more than  
4 20 percent of the grant funds available for the  
5 Program in any fiscal year may be selected for  
6 projects in any single State.

7 “(D) MINIMUM SIZE.—No grant awarded  
8 under this section shall be for less than  
9 \$1,000,000, except for a planning grant de-  
10 scribed in subsection (d)(6).

11 “(g) COST SHARE.—Except as provided in paragraph  
12 (2), the Federal share of the cost of a project carried out  
13 using a grant under the Program may not exceed 80 per-  
14 cent of the total cost of the project. Applicants may count  
15 costs incurred for preliminary engineering associated with  
16 highway-rail and pathway-rail grade crossing improvement  
17 projects as part of the total project costs.

18 “(h) CONGRESSIONAL NOTIFICATION.—Not later  
19 than 3 days before awarding a grant for a project under  
20 the Program, the Secretary shall submit written notifica-  
21 tion of the proposed grant to the Committee on Com-  
22 merce, Science, and Transportation of the Senate and the  
23 Committee on Transportation and Infrastructure of the  
24 House of Representatives, which shall include—

25 “(1) a summary of the project; and

1           “(2) the amount of the proposed grant award.

2           “(i) ANNUAL REPORT.—Not later than 60 days after  
3 each round of award notifications, the Secretary shall  
4 post, on the public website of the Department of Trans-  
5 portation—

6           “(1) a list of all eligible applicants that sub-  
7 mitted an application for funding under the Pro-  
8 gram during the current fiscal year;

9           “(2) a list of the grant recipients and projects  
10 that received grant funding under the Program dur-  
11 ing such fiscal year; and

12           “(3) a list of the proposed projects and appli-  
13 cants that were determined to be ineligible.

14           “(j) COMMUTER RAIL ELIGIBILITY AND GRANT CON-  
15 DITIONS.—

16           “(1) IN GENERAL.—Section 22905(f) shall not  
17 apply to grants awarded under this section for com-  
18 muter rail passenger transportation projects.

19           “(2) ADMINISTRATION OF FUNDS.—The Sec-  
20 retary of Transportation shall transfer amounts  
21 awarded under this section for commuter rail pas-  
22 senger transportation projects to the Federal Tran-  
23 sit Administration, which shall administer such  
24 funds in accordance with chapter 53.

25           “(3) PROTECTIVE ARRANGEMENTS.—



1           “(A) IN GENERAL.—Notwithstanding para-  
2 graph (2) and section 22905(e)(1), as a condi-  
3 tion of receiving a grant under this section, any  
4 employee covered by the Railway Labor Act (45  
5 U.S.C. 151 et seq.) and the Railroad Retire-  
6 ment Act of 1974 (45 U.S.C. 231 et seq.) who  
7 is adversely affected by actions taken in connec-  
8 tion with the project financed in whole or in  
9 part by such grant shall be covered by employee  
10 protective arrangements required to be estab-  
11 lished under section 22905(c)(2)(B).

12           “(B) IMPLEMENTATION.—A grant recipi-  
13 ent under this section, and the successors, as-  
14 signs, and contractors of such grant recipient—

15           “(i) shall be bound by the employee  
16 protective arrangements required under  
17 subparagraph (A); and

18           “(ii) shall be responsible for the im-  
19 plementation of such arrangements and for  
20 the obligations under such arrangements,  
21 but may arrange for another entity to take  
22 initial responsibility for compliance with  
23 the conditions of such arrangement.

24           “(k) DEFINED TERM.—In this section, the term  
25 ‘rural area’ means any area that is not within an area

1 designated as an urbanized area by the Bureau of the Cen-  
2 sus.”.

3 (b) CLERICAL AMENDMENT.—The analysis for chap-  
4 ter 229 of title 49, United States Code, is amended by  
5 adding at the end the following:

“22909. Railroad Crossing Elimination Program.”.

6 **SEC. 7306. INTERSTATE RAIL COMPACTS.**

7 (a) IN GENERAL.—Chapter 229 of title 49, United  
8 States Code (as amended by section 7305(a)), is further  
9 amended by adding at the end the following:

10 **“§ 22910. Interstate Rail Compacts Grant Program**

11 “(a) GRANTS AUTHORIZED.—The Secretary of  
12 Transportation shall establish a competitive grant pro-  
13 gram to provide financial assistance to entities imple-  
14 menting interstate rail compacts pursuant to section 410  
15 of the Amtrak Reform and Accountability Act of 1997 (49  
16 U.S.C. 24101 note) for—

17 “(1) costs of administration;

18 “(2) systems planning, including studying the  
19 impacts on freight rail operations and ridership;

20 “(3) promotion of intercity passenger rail oper-  
21 ation;

22 “(4) preparation of applications for competitive  
23 Federal grant programs; and

24 “(5) operations coordination.

1           “(b) MAXIMUM AMOUNT.—The Secretary may not  
2 award a grant under this section in an amount exceeding  
3 \$1,000,000 per year.

4           “(c) SELECTION CRITERIA.—In selecting a recipient  
5 of a grant for an eligible project under this section, the  
6 Secretary shall consider—

7                   “(1) the amount of funding received (including  
8 funding from a rail carrier (as defined in section  
9 24102)) or other participation by State, local, and  
10 regional governments and the private sector;

11                   “(2) the applicant’s work to foster economic de-  
12 velopment through rail service, particularly in rural  
13 communities;

14                   “(3) whether the applicant seeks to restore  
15 service over routes formerly operated by Amtrak, in-  
16 cluding routes described in section 11304(a) of the  
17 Passenger Rail Reform and Investment Act of 2015  
18 (title XI of division A of Public Law 114–94);

19                   “(4) the applicant’s dedication to providing  
20 intercity passenger rail service to regions and com-  
21 munities that are underserved or not served by other  
22 intercity public transportation;

23                   “(5) whether the applicant is enhancing  
24 connectivity and geographic coverage of the existing  
25 national network of intercity passenger rail service;

1           “(6) whether the applicant has prepared re-  
2           gional rail or corridor service development plans and  
3           corresponding environmental analysis; and

4           “(7) whether the applicant has engaged with  
5           appropriate government entities and transportation  
6           providers to identify projects necessary to enhance  
7           multimodal connections or facilitate service integra-  
8           tion between rail service and other modes, including  
9           between intercity passenger rail service and intercity  
10          bus service or commercial air service.

11          “(d) NUMERICAL LIMITATION.—The Secretary may  
12          not award grants under this section for more than 10  
13          interstate rail compacts in any fiscal year.

14          “(e) OPERATOR LIMITATION.—The Secretary may  
15          only award grants under this section to applicants with  
16          eligible expenses related to intercity passenger rail service  
17          to be operated by Amtrak.

18          “(f) NON-FEDERAL MATCH.—The Secretary shall re-  
19          quire each recipient of a grant under this section to pro-  
20          vide a non-Federal match of not less than 50 percent of  
21          the eligible expenses of carrying out the interstate rail  
22          compact under this section.

23          “(g) REPORT.—Not later than 3 years after the date  
24          of enactment of the Passenger Rail Expansion and Rail  
25          Safety Act of 2021, the Secretary, after consultation with

1 grant recipients under this section, shall submit a report  
2 to the Committee on Commerce, Science, and Transpor-  
3 tation of the Senate and the Committee on Transportation  
4 and Infrastructure of the House of Representatives that  
5 describes—

6 “(1) the implementation of this section;

7 “(2) the status of the planning efforts and co-  
8 ordination funded by grants awarded under this sec-  
9 tion;

10 “(3) the plans of grant recipients for continued  
11 implementation of the interstate rail compacts;

12 “(4) the status of, and data regarding, any  
13 new, restored, or enhanced rail services initiated  
14 under the interstate rail compacts; and

15 “(5) any legislative recommendations.”.

16 (b) CLERICAL AMENDMENT.—The analysis for chap-  
17 ter 229 of title 49, United States Code (as amended by  
18 section 7305(b)), is amended by adding at the end the  
19 following:

“22910. Interstate Rail Compacts Grant Program.”.

20 (c) IDENTIFICATION.—Section 410 of the Amtrak  
21 Reform and Accountability Act of 1997 (Public Law 105–  
22 134; 49 U.S.C. 24101 note) is amended—

23 (1) in subsection (b)(2), by striking “(except  
24 funds made available for Amtrak)”; and

25 (2) by adding at the end the following:

1           “(c) NOTIFICATION REQUIREMENT.—Any State that  
2 enters into an interstate compact pursuant to subsection  
3 (a) shall notify the Secretary of Transportation of such  
4 compact not later than 60 days after it is formed. The  
5 failure of any State to notify the Secretary under this sub-  
6 section shall not affect the status of the interstate com-  
7 pact.

8           “(d) INTERSTATE RAIL COMPACTS PROGRAM.—The  
9 Secretary of Transportation shall—

10           “(1) make available on a publicly accessible  
11 website a list of interstate rail compacts established  
12 under subsection (a) before the date of enactment of  
13 the Passenger Rail Expansion and Rail Safety Act  
14 of 2021 and interstate rail compacts established  
15 after such date; and

16           “(2) make information regarding interstate rail  
17 compacts available to the public, including how  
18 States may establish interstate rail compacts under  
19 subsection (a), and update such information, as nec-  
20 essary.”.

21 **SEC. 7307. FEDERAL-STATE PARTNERSHIP FOR INTERCITY**

22 **PASSENGER RAIL GRANTS.**

23           (a) IN GENERAL.—Section 24911 of title 49, United  
24 States Code, is amended—

1 (1) in the section heading, by striking “**for**  
2 **state of good repair**” and inserting “**for**  
3 **intercity passenger rail**”;

4 (2) in subsection (a)—

5 (A) in paragraph (1)—

6 (i) in subparagraph (F), by striking  
7 “or” at the end;

8 (ii) by redesignating subsection (G) as  
9 subsection (H);

10 (iii) by inserting after subparagraph  
11 (F), the following:

12 “(G) a federally recognized Indian Tribe;  
13 or”; and

14 (iv) in subsection (H), as redesign-  
15 nated, by striking “(F)” and inserting  
16 “(G)”;

17 (B) by striking paragraphs (2) and (5);

18 and

19 (C) by redesignating paragraphs (3) and  
20 (4) as paragraphs (2) and (3), respectively;

21 (3) in subsection (b), by striking “with respect  
22 to qualified railroad assets” and inserting “, improve  
23 performance, or expand or establish new intercity  
24 passenger rail service, including privately operated

1       intercity passenger rail service if an eligible appli-  
2       cant is involved;”;

3               (4) by striking subsections (c) through (e) and  
4       inserting the following:

5       “(c) **ELIGIBLE PROJECTS.**—The following capital  
6       projects, including acquisition of real property interests,  
7       are eligible to receive grants under this section:

8               “(1) A project to replace, rehabilitate, or repair  
9       infrastructure, equipment, or a facility used for pro-  
10       viding intercity passenger rail service to bring such  
11       assets into a state of good repair.

12              “(2) A project to improve intercity passenger  
13       rail service performance, including reduced trip  
14       times, increased train frequencies, higher operating  
15       speeds, improved reliability, expanded capacity, re-  
16       duced congestion, electrification, and other improve-  
17       ments, as determined by the Secretary.

18              “(3) A project to expand or establish new inter-  
19       city passenger rail service.

20              “(4) A group of related projects described in  
21       paragraphs (1) through (3).

22              “(5) The planning, environmental studies, and  
23       final design for a project or group of projects de-  
24       scribed in paragraphs (1) through (4).



1           “(d) PROJECT SELECTION CRITERIA.—In selecting a  
2 project for funding under this section—

3           “(1) for projects located on the Northeast Cor-  
4 rridor, the Secretary shall—

5           “(A) make selections consistent with the  
6 Northeast Corridor Project Inventory published  
7 pursuant to subsection (e)(1), unless when nec-  
8 essary to address materially changed infrastruc-  
9 ture or service conditions, changes in project  
10 sponsor capabilities or commitments, or other  
11 significant changes since the completion of the  
12 most recently issued Northeast Corridor Project  
13 Inventory; and

14           “(B) for projects that benefit intercity and  
15 commuter rail services, only make such selec-  
16 tions when Amtrak and the public authorities  
17 providing commuter rail passenger transpor-  
18 tation at the eligible project location—

19           “(i) are in compliance with section  
20 24905(c)(2); and

21           “(ii) identify funding for the intercity  
22 passenger rail share, the commuter rail  
23 share, and the local share of the eligible  
24 project before the commencement of the  
25 project;

1           “(2) for projects not located on the Northeast  
2 Corridor, the Secretary shall—

3           “(A) give preference to eligible projects—

4               “(i) for which Amtrak is not the sole  
5 applicant;

6               “(ii) that improve the financial per-  
7 formance, reliability, service frequency, or  
8 address the state of good repair of an Am-  
9 trak route; and

10               “(iii) that are identified in, and con-  
11 sistent with, a corridor inventory prepared  
12 under the Corridor Identification and De-  
13 velopment Program pursuant to section  
14 25101; and

15           “(B) take into account—

16               “(i) the cost-benefit analysis of the  
17 proposed project, including anticipated pri-  
18 vate and public benefits relative to the  
19 costs of the proposed project, including—

20                   “(I) effects on system and service  
21 performance, including as measured  
22 by applicable metrics set forth in part  
23 273 of title 49, Code of Federal Regu-  
24 lations (or successor regulations);

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1                   “(II) effects on safety, competi-  
2                   tiveness, reliability, trip or transit  
3                   time, greenhouse gas emissions, and  
4                   resilience;

5                   “(III) anticipated positive eco-  
6                   nomic and employment impacts, in-  
7                   cluding development in areas near  
8                   passenger stations, historic districts,  
9                   or other opportunity zones;

10                   “(IV) efficiencies from improved  
11                   connections with other modes; and

12                   “(V) ability to meet existing or  
13                   anticipated demand;

14                   “(ii) the degree to which the proposed  
15                   project’s business plan considers potential  
16                   private sector participation in the financ-  
17                   ing, construction, or operation of the pro-  
18                   posed project;

19                   “(iii) the applicant’s past performance  
20                   in developing and delivering similar  
21                   projects, and previous financial contribu-  
22                   tions;

23                   “(iv) whether the applicant has, or  
24                   will have—

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1                   “(I) the legal, financial, and tech-  
2                   nical capacity to carry out the project;

3                   “(II) satisfactory continuing ac-  
4                   cess to the equipment or facilities; and

5                   “(III) the capability and willing-  
6                   ness to maintain the equipment or fa-  
7                   cilities;

8                   “(v) if applicable, the consistency of  
9                   the project with planning guidance and  
10                  documents set forth by the Secretary or  
11                  otherwise required by law;

12                  “(vi) whether the proposed project  
13                  serves historically unconnected or under-  
14                  connected communities; and

15                  “(vii) any other relevant factors, as  
16                  determined by the Secretary; and

17                  “(3) the Secretary shall reserve—

18                         “(A) not less than 45 percent of the  
19                         amounts appropriated for grants under this sec-  
20                         tion for projects not located along the North-  
21                         east Corridor, of which not less than 20 percent  
22                         shall be for projects that benefit (in whole or in  
23                         part) a long-distance route; and

24                         “(B) not less than 45 percent of the  
25                         amounts appropriated for grants under this sec-

1           tion for projects listed on the Northeast Cor-  
2           ridor project inventory published pursuant to  
3           subsection (e)(1).

4           “(e) LONG-TERM PLANNING.—Not later than 1 year  
5 after the date of enactment of the Passenger Rail Expan-  
6 sion and Rail Safety Act of 2021, and every 2 years there-  
7 after, the Secretary shall create a predictable project pipe-  
8 line that will assist Amtrak, States, and the public with  
9 long-term capital planning by publishing a Northeast Cor-  
10 ridor project inventory that—

11           “(1) identifies capital projects for Federal in-  
12 vestment, project applicants, and proposed Federal  
13 funding levels under this section;

14           “(2) specifies the order in which the Secretary  
15 will provide grant funding to projects that have iden-  
16 tified sponsors and are located along the Northeast  
17 Corridor, including a method and plan for appor-  
18 tioning funds to project sponsors for the 2-year pe-  
19 riod, which may be altered by the Secretary, as nec-  
20 essary, if recipients are not carrying out projects in  
21 accordance with the anticipated schedule;

22           “(3) takes into consideration the appropriate  
23 sequence and phasing of projects described in the  
24 Northeast Corridor capital investment plan devel-  
25 oped pursuant to section 24904(a);

1           “(4) is consistent with the most recent North-  
2 east Corridor service development plan update de-  
3 scribed in section 24904(d);

4           “(5) takes into consideration the existing com-  
5 mitments and anticipated Federal, project applicant,  
6 sponsor, and other relevant funding levels for the  
7 next 5 fiscal years based on information currently  
8 available to the Secretary; and

9           “(6) is developed in consultation with the  
10 Northeast Corridor Commission and the owners of  
11 Northeast Corridor infrastructure and facilities.”;

12           (5) in subsection (f)(2), by inserting “, except  
13 as specified under paragraph (4)” after “80 per-  
14 cent”;

15           (6) in subsection (g)—

16           (A) in the subsection heading, by inserting  
17 “; PHASED FUNDING AGREEMENTS” after “IN-  
18 TENT”;

19           (B) in paragraph (1)—

20           (i) in the paragraph heading, by strik-  
21 ing “IN GENERAL” and inserting “LET-  
22 TERS OF INTENT”; and

23           (ii) by striking “shall, to the max-  
24 imum extent practicable,” and inserting  
25 “may”;

1 (C) by redesignating paragraphs (2) and  
2 (3) as paragraphs (3) and (4), respectively;

3 (D) by inserting after paragraph (1) the  
4 following:

5 “(2) PHASED FUNDING AGREEMENTS.—

6 “(A) IN GENERAL.—The Secretary may  
7 enter into a phased funding agreement with an  
8 applicant if—

9 “(i) the project is highly rated, based  
10 on the evaluations and ratings conducted  
11 pursuant to this section and the applicable  
12 notice of funding opportunity; and

13 “(ii) the Federal assistance to be pro-  
14 vided for the project under this section is  
15 more than \$80,000,000.

16 “(B) TERMS.—A phased funding agree-  
17 ment shall—

18 “(i) establish the terms of participa-  
19 tion by the Federal Government in the  
20 project;

21 “(ii) establish the maximum amount  
22 of Federal financial assistance for the  
23 project;

24 “(iii) include the period of time for  
25 completing the project, even if such period

1 extends beyond the period for which Fed-  
2 eral financial assistance is authorized;

3 “(iv) make timely and efficient man-  
4 agement of the project easier in accordance  
5 with Federal law; and

6 “(v) if applicable, specify when the  
7 process for complying with the National  
8 Environmental Policy Act of 1969 (42  
9 U.S.C. 4321 et seq.) and related environ-  
10 mental laws will be completed for the  
11 project.

12 “(C) SPECIAL FINANCIAL RULES.—

13 “(i) IN GENERAL.—A phased funding  
14 agreement under this paragraph obligates  
15 an amount of available budget authority  
16 specified in law and may include a commit-  
17 ment, contingent on amounts to be speci-  
18 fied in law in advance for commitments  
19 under this paragraph, to obligate an addi-  
20 tional amount from future available budget  
21 authority specified in law.

22 “(ii) STATEMENT OF CONTINGENT  
23 COMMITMENT.—The agreement shall state  
24 that the contingent commitment is not an  
25 obligation of the Government.



1           “(iii) INTEREST AND OTHER FINANC-  
2           ING COSTS.—Interest and other financing  
3           costs of efficiently carrying out a part of  
4           the project within a reasonable time are a  
5           cost of carrying out the project under a  
6           phased funding agreement, except that eli-  
7           gible costs may not be more than the cost  
8           of the most favorable financing terms rea-  
9           sonably available for the project at the  
10          time of borrowing. The applicant shall cer-  
11          tify, to the satisfaction of the Secretary,  
12          that the applicant has shown reasonable  
13          diligence in seeking the most favorable fi-  
14          nancing terms.

15          “(iv) FAILURE TO CARRY OUT  
16          PROJECT.—If an applicant does not carry  
17          out the project for reasons within the con-  
18          trol of the applicant, the applicant shall  
19          repay all Federal grant funds awarded for  
20          the project from all Federal funding  
21          sources, for all project activities, facilities,  
22          and equipment, plus reasonable interest  
23          and penalty charges allowable by law or es-  
24          tablished by the Secretary in the phased  
25          funding agreement. For purposes of this

1 clause, a process for complying with the  
2 National Environmental Policy Act of  
3 1969 (42 U.S.C. 4321 et seq.) that results  
4 in the selection of the no build alternative  
5 is not within the applicant's control.

6 “(v) CREDITING OF FUNDS RE-  
7 CEIVED.—Any funds received by the Gov-  
8 ernment under this paragraph, except for  
9 interest and penalty charges, shall be cred-  
10 ited to the appropriation account from  
11 which the funds were originally derived.”;  
12 (E) in paragraph (3), as redesignated—

13 (i) in subparagraph (A), in the matter  
14 preceding clause (i), by inserting “a  
15 phased funding agreement under para-  
16 graph (2) or” after “issuing”; and

17 (ii) in subparagraph (B)(i), by insert-  
18 ing “the phased funding agreement or”  
19 after “a copy of”; and

20 (F) in paragraph (4), as redesignated—

21 (i) by striking “An obligation” and in-  
22 serting the following:

23 “(B) APPROPRIATIONS REQUIRED.—An  
24 obligation”; and

1 (ii) by inserting before subparagraph  
2 (B), as added by clause (i), the following:

3 “(A) IN GENERAL.—The Secretary may  
4 enter into phased funding agreements under  
5 this subsection that contain contingent commit-  
6 ments to incur obligations in such amounts as  
7 the Secretary determines are appropriate.”;

8 (7) in subsection (i), by striking “section  
9 22905” and inserting “sections 22903 and 22905”;  
10 and

11 (8) by adding at the end the following:

12 “(j) ANNUAL REPORT ON PHASED FUNDING AGREE-  
13 MENTS AND LETTERS OF INTENT.—Not later than the  
14 first Monday in February of each year, the Secretary shall  
15 submit a report to the Committee on Commerce, Science,  
16 and Transportation of the Senate, the Committee on Ap-  
17 propriations of the Senate, the Committee on Transpor-  
18 tation and Infrastructure of the House of Representatives,  
19 and the Committee on Appropriations of the House of  
20 Representatives that includes—

21 “(1) a proposal for the allocation of amounts to  
22 be available to finance grants for projects under this  
23 section among applicants for such amounts;

1           “(2) evaluations and ratings, as applicable, for  
2           each project that has received a phased funding  
3           agreement or a letter of intent; and

4           “(3) recommendations for each project that has  
5           received a phased funding agreement or a letter of  
6           intent for funding based on the evaluations and rat-  
7           ings, as applicable, and on existing commitments  
8           and anticipated funding levels for the next 3 fiscal  
9           years based on information currently available to the  
10          Secretary.

11          “(k) REGIONAL PLANNING GUIDANCE CORRIDOR  
12          PLANNING.—The Secretary may withhold up to 5 percent  
13          of the total amount made available for this section to carry  
14          out planning and development activities related to section  
15          25101, including—

16               “(1) providing funding to public entities for the  
17               development of service development plans selected  
18               under the Corridor Identification and Development  
19               Program;

20               “(2) facilitating and providing guidance for  
21               intercity passenger rail systems planning; and

22               “(3) providing funding for the development and  
23               refinement of intercity passenger rail systems plan-  
24               ning analytical tools and models.”.

1 (b) CLERICAL AMENDMENT.—The analysis for chap-  
2 ter 249 of title 49, United States Code, is amended by  
3 striking the item relating to section 24911 and inserting  
4 the following:

“24911. Federal-State partnership for intercity passenger rail.”.

5 **SEC. 7308. CORRIDOR IDENTIFICATION AND DEVELOPMENT**  
6 **PROGRAM.**

7 (a) IN GENERAL.—Part C of subtitle V of title 49,  
8 United States Code, is amended by adding at the end the  
9 following:

10 **“CHAPTER 251—PASSENGER RAIL**  
11 **PLANNING**

“Sec.

“25101. Corridor Identification and Development Program.

12 **“§ 25101. Corridor Identification and Development**  
13 **Program**

14 “(a) IN GENERAL.—Not later than 180 days after  
15 the date of enactment of the Passenger Rail Expansion  
16 and Rail Safety Act of 2021, the Secretary of Transpor-  
17 tation shall establish a program to facilitate the develop-  
18 ment of intercity passenger rail corridors. The program  
19 shall include—

20 “(1) a process for eligible entities described in  
21 subsection (b) to submit proposals for the develop-  
22 ment of intercity passenger rail corridors;

1           “(2) a process for the Secretary to review and  
2           select proposals in accordance with subsection (c);

3           “(3) criteria for determining the level of readi-  
4           ness for Federal financial assistance of an intercity  
5           passenger rail corridor, which shall include—

6                   “(A) identification of a service operator  
7                   which may include Amtrak or private rail car-  
8                   riers;

9                   “(B) identification of a service sponsor or  
10                  sponsors;

11                  “(C) identification capital project sponsors;

12                  “(D) engagement with the host railroads;

13                  and

14                  “(E) other criteria as determined appro-  
15                  priate by the Secretary;

16           “(4) a process for preparing service develop-  
17           ment plans in accordance with subsection (d), in-  
18           cluding the identification of planning funds, such as  
19           funds made available under section 24911(k) and  
20           interstate rail compact grants established under sec-  
21           tion 22210;

22           “(5) the creation of a pipeline of intercity pas-  
23           senger rail corridor projects under subsection (g);

24           “(6) planning guidance to achieve the purposes  
25           of this section, including guidance for intercity pas-

1 senger rail corridors not selected under this section;  
2 and

3 “(7) such other features as the Secretary con-  
4 siders relevant to the successful development of  
5 intercity passenger rail corridors.

6 “(b) ELIGIBLE ENTITIES.—The Secretary may re-  
7 ceive proposals under this section from Amtrak, States,  
8 groups of States, entities implementing interstate com-  
9 pacts, regional passenger rail authorities, regional plan-  
10 ning organizations, political subdivisions of a State, feder-  
11 ally recognized Indian Tribes, and other public entities,  
12 as determined by the Secretary.

13 “(c) CORRIDOR SELECTION.—In selecting intercity  
14 passenger rail corridors pursuant to subsection (a), the  
15 Secretary shall consider—

16 “(1) whether the route was identified as part of  
17 a regional or interregional intercity passenger rail  
18 systems planning study;

19 “(2) projected ridership, revenues, capital in-  
20 vestment, and operating funding requirements;

21 “(3) anticipated environmental, congestion miti-  
22 gation, and other public benefits;

23 “(4) projected trip times and their competitive-  
24 ness with other transportation modes;

1           “(5) anticipated positive economic and employ-  
2           ment impacts, including development in the areas  
3           near passenger stations, historic districts, or other  
4           opportunity zones;

5           “(6) committed or anticipated State, regional  
6           transportation authority, or other non-Federal fund-  
7           ing for operating and capital costs;

8           “(7) benefits to rural communities;

9           “(8) whether the corridor is included in a  
10          State’s approved State rail plan developed pursuant  
11          to chapter 227;

12          “(9) whether the corridor serves historically  
13          unserved or underserved and low-income commu-  
14          nities or areas of persistent poverty;

15          “(10) whether the corridor would benefit or im-  
16          prove connectivity with existing or planned transpor-  
17          tation services of other modes;

18          “(11) whether the corridor connects at least 2  
19          of the 100 most populated metropolitan areas;

20          “(12) whether the corridor would enhance the  
21          regional equity and geographic diversity of intercity  
22          passenger rail service;

23          “(13) whether the corridor is or would be inte-  
24          grated into the national rail passenger transpor-  
25          tation system and whether the corridor would create



1 benefits for other passenger rail routes and services;  
2 and

3 “(14) whether a passenger rail operator, includ-  
4 ing a private rail carrier, has expressed support for  
5 the corridor.

6 “(d) SERVICE DEVELOPMENT PLANS.—For each cor-  
7 ridor proposal selected for development under this section,  
8 the Secretary shall partner with the entity that submitted  
9 the proposal, relevant States, and Amtrak, as appropriate,  
10 to prepare a service development plan (or to update an  
11 existing service development plan), which shall include—

12 “(1) a detailed description of the proposed  
13 intercity passenger rail service, including train fre-  
14 quencies, peak and average operating speeds, and  
15 trip times;

16 “(2) a corridor project inventory that—

17 “(A) identifies the capital projects nec-  
18 essary to achieve the proposed intercity pas-  
19 senger rail service, including—

20 “(i) the capital projects for which  
21 Federal investment will be sought;

22 “(ii) the likely project applicants; and

23 “(iii) the proposed Federal funding  
24 levels;

1           “(B) specifies the order in which Federal  
2 funding will be sought for the capital projects  
3 identified under subparagraph (A), after consid-  
4 ering the appropriate sequence and phasing of  
5 projects based on the anticipated availability of  
6 funds; and

7           “(C) is developed in consultation with the  
8 entities listed in subsection (e);

9           “(3) a schedule and any associated phasing of  
10 projects and related service initiation or changes;

11           “(4) project sponsors and other entities ex-  
12 pected to participate in carrying out the plan;

13           “(5) a description of how the corridor would  
14 comply with Federal rail safety and security laws,  
15 orders, and regulations;

16           “(6) the locations of existing and proposed sta-  
17 tions;

18           “(7) the needs for rolling stock and other  
19 equipment;

20           “(8) a financial plan identifying projected—

21           “(A) annual revenues;

22           “(B) annual ridership;

23           “(C) capital investments before service  
24 could be initiated;

1           “(D) capital investments required to main-  
2           tain service;

3           “(E) annual operating and costs; and

4           “(F) sources of capital investment and op-  
5           erating financial support;

6           “(9) a description of how the corridor would  
7           contribute to the development of a multi-State re-  
8           gional network of intercity passenger rail;

9           “(10) an intermodal plan describing how the  
10          new or improved corridor facilitates travel connec-  
11          tions with other passenger transportation services;

12          “(11) a description of the anticipated environ-  
13          mental benefits of the corridor; and

14          “(12) a description of the corridor’s impacts on  
15          highway and aviation congestion, energy consump-  
16          tion, land use, and economic development in the  
17          service area.

18          “(e) CONSULTATION.—In partnering on the prepara-  
19          tion of a service development plan under subsection (d),  
20          the Secretary shall consult with—

21                 “(1) Amtrak;

22                 “(2) appropriate State and regional transpor-  
23          tation authorities and local officials;

1           “(3) representatives of employee labor organiza-  
2           tions representing railroad and other appropriate  
3           employees;

4           “(4) host railroads for the proposed corridor;  
5           and

6           “(5) other stakeholders, as determined by the  
7           Secretary.

8           “(f) UPDATES.—Every 5 years, after the initial devel-  
9           opment of the service development plan under subsection  
10          (d), if at least 40 percent of the work to implement a serv-  
11          ice development plan prepared under subsection (d) has  
12          not yet been completed, the plan’s sponsor, in consultation  
13          with the Secretary, shall determine whether such plan  
14          should be updated.

15          “(g) PROJECT PIPELINE.—Not later than 1 year  
16          after the establishment of the program under this section,  
17          and by February 1st of each year thereafter, the Secretary  
18          shall submit to the Committee on Commerce, Science, and  
19          Transportation of the Senate, the Committee on Appro-  
20          priations of the Senate, and the Committee on Transpor-  
21          tation and Infrastructure of the House of Representatives,  
22          and the Committee on Appropriations of the House of  
23          Representatives a project pipeline, in accordance with this  
24          section, that—

1           “(1) identifies intercity passenger rail corridors  
2 selected for development under this section;

3           “(2) identifies capital projects for Federal in-  
4 vestment, project applicants, and proposed Federal  
5 funding levels, as applicable, consistent with the cor-  
6 ridor project inventory;

7           “(3) specifies the order in which the Secretary  
8 would provide Federal financial assistance, subject  
9 to the availability of funds, to projects that have  
10 identified sponsors, including a method and plan for  
11 apportioning funds to project sponsors for a 5-year  
12 period, which may be altered by the Secretary, as  
13 necessary, if recipients are not carrying out projects  
14 on the anticipated schedule;

15           “(4) takes into consideration the appropriate  
16 sequence and phasing of projects described in the  
17 corridor project inventory;

18           “(5) takes into consideration the existing com-  
19 mitments and anticipated Federal, project applicant,  
20 sponsor, and other relevant funding levels for the  
21 next 5 fiscal years based on information currently  
22 available to the Secretary;

23           “(6) is prioritized based on the level of readi-  
24 ness of the corridor; and

25           “(7) reflects consultation with Amtrak.

1           “(h) DEFINITION.—In this section, the term ‘inter-  
2 city passenger rail corridor’ means—

3                   “(1) a new intercity passenger rail route of less  
4 than 750 miles;

5                   “(2) the enhancement of an existing intercity  
6 passenger rail route of less than 750 miles;

7                   “(3) the restoration of service over all or por-  
8 tions of an intercity passenger rail route formerly  
9 operated by Amtrak; or

10                   “(4) the increase of service frequency of a long-  
11 distance intercity passenger rail route.”.

12           (b) CLERICAL AMENDMENT.—The table of chapters  
13 for subtitle V of title 49, United States Code, is amended  
14 by inserting after the item relating to chapter 249 the fol-  
15 lowing:

**“Chapter 251. Passenger rail planning .....25101”.**

16   **SEC. 7309. SURFACE TRANSPORTATION BOARD PASSENGER**  
17                   **RAIL PROGRAM.**

18           The Surface Transportation Board shall—

19                   (1) establish a passenger rail program with pri-  
20 mary responsibility for carrying out the Board’s pas-  
21 senger rail responsibilities; and

22                   (2) hire up to 10 additional full-time employees  
23 to assist in carrying out the responsibilities referred  
24 to in paragraph (1).

1                   **Subtitle D—Rail Safety**

2   **SEC. 7401. RAILWAY-HIGHWAY CROSSINGS PROGRAM EVAL-**  
3                   **UATION.**

4           (a) IN GENERAL.—Not later than 3 years after the  
5 date of enactment of this Act, the Secretary shall evaluate  
6 the requirements of the railway-highway crossings pro-  
7 gram authorized under section 130 of title 23, United  
8 States Code, to determine whether—

9                   (1) the requirements of the program provide  
10 States sufficient flexibility to adequately address  
11 current and emerging highway-rail grade crossing  
12 safety issues;

13                   (2) the structure of the program provides suffi-  
14 cient incentives and resources to States and local  
15 agencies to make changes at highway-rail grade  
16 crossings that are most effective at reducing deaths  
17 and injuries;

18                   (3) there are appropriate tools and resources to  
19 support States in using data driven programs to de-  
20 termine the most cost-effective use of program  
21 funds; and

22                   (4) any statutory changes are recommended to  
23 improve the effectiveness of the program.

24           (b) REPORT.—Not later than 4 years after the date  
25 of enactment of this Act, the Secretary shall submit a re-

1 port to the Committee on Commerce, Science, and Trans-  
2 portation of the Senate, the Committee on Environment  
3 and Public Works of the Senate, and the Committee on  
4 Transportation and Infrastructure of the House of Rep-  
5 resentatives that summarizes and describes the results of  
6 the evaluation conducted pursuant to subsection (a), in-  
7 cluding any recommended statutory changes.

8 **SEC. 7402. GRADE CROSSING ACCIDENT PREDICTION**  
9 **MODEL.**

10 Not later than 2 years after the date of enactment  
11 of this Act, the Administrator of the Federal Railroad Ad-  
12 ministration shall—

13 (1) update the grade crossing accident pre-  
14 diction and severity model used by the Federal Rail-  
15 road Administration to analyze accident risk at high-  
16 way-rail grade crossings; and

17 (2) provide training on the use of the updated  
18 grade crossing accident prediction and severity  
19 model.

20 **SEC. 7403. PERIODIC UPDATES TO HIGHWAY-RAIL CROSS-**  
21 **ING REPORTS AND PLANS.**

22 (a) HIGHWAY-RAIL GRADE CROSSING SAFETY.—Sec-  
23 tion 11401 of the Fixing America’s Surface Transpor-  
24 tation Act (Public Law 114–94; 49 U.S.C. 22907 note)  
25 is amended—



1 (1) by striking subsection (c); and

2 (2) by redesignating subsections (d) and (e) as  
3 subsections (c) and (d), respectively.

4 (b) REPORTS ON HIGHWAY-RAIL GRADE CROSSING  
5 SAFETY.—

6 (1) IN GENERAL.—Chapter 201 of title 49,  
7 United States Code, is amended by inserting after  
8 section 20166 the following:

9 **“§ 20167. Reports on highway-rail grade crossing**  
10 **safety**

11 “(a) REPORT.—Not later than 4 years after the date  
12 by which States are required to submit State highway-rail  
13 grade crossing action plans under section 11401(b) of the  
14 Fixing America’s Surface Transportation Act (49 U.S.C.  
15 22907 note), the Administrator of the Federal Railroad  
16 Administration, in consultation with the Administrator of  
17 the Federal Highway Administration, shall submit a re-  
18 port to the Committee on Commerce, Science, and Trans-  
19 portation of the Senate and the Committee on Transpor-  
20 tation and Infrastructure of the House of Representatives  
21 that summarizes the State highway-rail grade crossing ac-  
22 tion plans, including—

23 “(1) an analysis and evaluation of each State  
24 railway-highway crossings program under section  
25 130 of title 23, including—

1           “(A) compliance with section 11401 of the  
2           Fixing America’s Surface Transportation Act  
3           and section 130(g) of title 23; and

4           “(B) the specific strategies identified by  
5           each State to improve safety at highway-rail  
6           grade crossings, including crossings with mul-  
7           tiple accidents or incidents;

8           “(2) the progress of each State in implementing  
9           its State highway-rail grade crossings action plan;

10           “(3) the number of highway-rail grade crossing  
11           projects undertaken pursuant to section 130 of title  
12           23, including the distribution of such projects by  
13           cost range, road system, nature of treatment, and  
14           subsequent accident experience at improved loca-  
15           tions;

16           “(4) which States are not in compliance with  
17           their schedule of projects under section 130(d) of  
18           title 23; and

19           “(5) any recommendations for future implemen-  
20           tation of the railway-highway crossings program  
21           under section 130 of title 23.

22           “(b) UPDATES.—Not later than 5 years after the  
23           submission of the report required under subsection (a), the  
24           Administrator of the Federal Railroad Administration, in

1 consultation with the Administrator of the Federal High-  
2 way Administration, shall—

3 “(1) update the report based on the State an-  
4 nual reports submitted pursuant to section 130(g) of  
5 title 23 and any other information obtained by or  
6 available to the Administrator of the Federal Rail-  
7 road Administration; and

8 “(2) submit the updated report to the Com-  
9 mittee on Commerce, Science, and Transportation of  
10 the Senate and the Committee on Transportation  
11 and Infrastructure of the House of Representatives.

12 “(c) DEFINITIONS.—In this section:

13 “(1) HIGHWAY-RAIL GRADE CROSSING.—The  
14 term ‘highway-rail grade crossing’ means a location  
15 within a State, other than a location at which 1 or  
16 more railroad tracks cross 1 or more railroad tracks  
17 at grade, at which—

18 “(A) a public highway, road, or street, or  
19 a private roadway, including associated side-  
20 walks and pathways, crosses 1 or more railroad  
21 tracks, either at grade or grade-separated; or

22 “(B) a pathway explicitly authorized by a  
23 public authority or a railroad carrier that—



1                   “(B) the effectiveness of the improvements  
2                   made as a result of such implementation.

3                   “(2) CONTENTS.—Each report submitted pur-  
4                   suant to paragraph (1) shall contain an assessment  
5                   of—

6                   “(A) the costs of the various treatments  
7                   employed by the State to implement the rail-  
8                   way-highway crossings program; and

9                   “(B) the effectiveness of such treatments,  
10                  as measured by the accident experience at the  
11                  locations that received such treatments.

12                  “(3) COORDINATION.—Not later than 30 days  
13                  after the Federal Highway Administration’s accept-  
14                  ance of each report submitted pursuant to para-  
15                  graph (1), the Administrator of the Federal High-  
16                  way Administration shall make such report available  
17                  to the Administrator of the Federal Railroad Admin-  
18                  istration.”.

19 **SEC. 7404. BLOCKED CROSSING PORTAL.**

20                  (a) IN GENERAL.—The Administrator of the Federal  
21                  Railroad Administration shall establish a 3-year blocked  
22                  crossing portal, which shall include the maintenance of the  
23                  portal and corresponding database to receive, store, and  
24                  retrieve information regarding blocked highway-rail grade  
25                  crossings.

1 (b) **BLOCKED CROSSING PORTAL.**—The Adminis-  
2 trator of the Federal Railroad Administration shall estab-  
3 lish a blocked crossing portal that—

4 (1) collects information from the public, includ-  
5 ing first responders, regarding blocked highway-rail  
6 grade crossing events;

7 (2) solicits the apparent cause of the blocked  
8 crossing and provides examples of common causes of  
9 blocked crossings, such as idling trains or instances  
10 when lights or gates are activated when no train is  
11 present;

12 (3) provides each complainant with the contact  
13 information for reporting a blocked crossing to the  
14 relevant railroad; and

15 (4) encourages each complainant to report the  
16 blocked crossing to the relevant railroad.

17 (c) **COMPLAINTS.**—The blocked crossing portal shall  
18 be programmed to receive complaints from the general  
19 public about blocked highway-rail grade crossings. Any  
20 complaint reported through the portal shall indicate  
21 whether the complainant also reported the blocked cross-  
22 ing to the relevant railroad.

23 (d) **INFORMATION RECEIVED.**—In reviewing com-  
24 plaints received pursuant to subsection (c), the Federal  
25 Railroad Administration shall review, to the extent prac-

1 ticable, the information received from the complainant to  
2 account for duplicative or erroneous reporting.

3 (e) USE OF INFORMATION.—The information re-  
4 ceived and maintained in the blocked crossing portal data-  
5 base shall be used by the Federal Railroad Administra-  
6 tion—

7 (1) to identify frequent and long-duration  
8 blocked highway-rail grade crossings;

9 (2) as a basis for conducting outreach to com-  
10 munities, emergency responders, and railroads;

11 (3) to support collaboration in the prevention of  
12 incidents at highway-rail grade crossings; and

13 (4) to assess the impacts of blocked crossings.

14 (f) SHARING INFORMATION RECEIVED.—

15 (1) IN GENERAL.—The Administrator of the  
16 Federal Railroad Administration shall implement  
17 and make publicly available procedures for sharing  
18 any nonaggregated information received through the  
19 blocked crossing portal with the public.

20 (2) RULE OF CONSTRUCTION.—Nothing in this  
21 section may be construed to authorize the Federal  
22 Railroad Administration to make publically available  
23 sensitive security information.

24 (g) ADDITIONAL INFORMATION.—If the information  
25 submitted to the blocked crossing portal is insufficient to

1 determine the locations and potential impacts of blocked  
2 highway-rail grade crossings, the Federal Railroad Admin-  
3 istration may collect, from the general public, State and  
4 local law enforcement personnel, and others as appro-  
5 priate, and on a voluntary basis, such additional informa-  
6 tion as may be necessary to make such determinations.

7 (h) LIMITATIONS.—Complaints, data, and other in-  
8 formation received through the blocked crossing portal  
9 may not be used—

10 (1) to infer or extrapolate the rate or instances  
11 of crossings beyond the data received through the  
12 portal; or

13 (2) for any regulatory or enforcement purposes  
14 except those specifically described in this section.

15 (i) REPORTS.—

16 (1) ANNUAL PUBLIC REPORT.—The Adminis-  
17 trator of the Federal Railroad Administration shall  
18 publish an annual report on a public website regard-  
19 ing the blocked crossing program, including the un-  
20 derlying causes of blocked crossings, program chal-  
21 lenges, and other findings.

22 (2) REPORT TO CONGRESS.—Not later than 1  
23 year after the date of enactment of this Act, the Ad-  
24 ministrator of the Federal Railroad Administration  
25 shall submit a report to the Committee on Com-



1 merce, Science, and Transportation of the Senate  
2 and the Committee on Transportation and Infra-  
3 structure of the House of Representatives that de-  
4 scribes—

5 (A) based on the information received  
6 through the blocked crossing portal, frequent  
7 and long-duration blocked highway-rail grade  
8 crossings, including the locations, dates, dura-  
9 tions, and impacts resulting from such occur-  
10 rences;

11 (B) the Federal Railroad Administration’s  
12 process for verifying the accuracy of the com-  
13 plaints submitted to the blocked crossing portal,  
14 including whether the portal continues to be ef-  
15 fective in collecting such information and identi-  
16 fying blocked crossings;

17 (C) the Federal Railroad Administration’s  
18 use of the data compiled by the blocked cross-  
19 ing portal to assess the underlying cause and  
20 overall impacts of blocked crossings;

21 (D) the engagement of the Federal Rail-  
22 road Administration with affected parties to  
23 identify and facilitate solutions to frequent and  
24 long-duration blocked highway-rail grade cross-

1           ings identified by the blocked crossing portal;  
2           and

3           (E) whether the blocked crossing portal  
4           continues to be an effective method to collect  
5           blocked crossing information and what changes  
6           could improve its effectiveness.

7           (j) SUNSET.—This section (other than subsection  
8 (k)) shall have no force or effect beginning on the date  
9 that is 3 years after the date of enactment of this Act.

10          (k) RULE OF CONSTRUCTION.—Nothing in this sec-  
11 tion may be construed to invalidate any authority of the  
12 Secretary with respect to blocked highway-rail grade  
13 crossings. The Secretary may continue to use any such  
14 authority after the sunset date set forth in subsection (j).

15 **SEC. 7405. DATA ACCESSIBILITY.**

16          (a) REVIEW.—Not later than 180 days after the date  
17 of enactment of this Act, the Chief Information Officer  
18 of the Department shall—

19           (1) conduct a review of the website of the Office  
20           of Safety Analysis of the Federal Railroad Adminis-  
21           tration; and

22           (2) provide recommendations to the Secretary  
23           for improving the public’s usability and accessibility  
24           of the website referred to in paragraph (1).

1 (b) UPDATES.—Not later than 1 year after receiving  
2 recommendations from the Chief Information Officer pur-  
3 suant to subsection (a)(2), the Secretary, after considering  
4 such recommendations, shall update the website of the Of-  
5 fice of Safety Analysis of the Federal Railroad Adminis-  
6 tration to improve the usability and accessibility of the  
7 website.

8 **SEC. 7406. EMERGENCY LIGHTING.**

9 Not later than 1 year after the date of enactment  
10 of this Act, the Secretary shall initiate a rulemaking to  
11 require that all rail carriers providing intercity passenger  
12 rail transportation or commuter rail passenger transpor-  
13 tation (as such terms are defined in section 24102 of title  
14 49, United States Code), develop and implement periodic  
15 inspection plans to ensure that passenger equipment of-  
16 fered for revenue service complies with the requirements  
17 under part 238 of title 49, Code of Federal Regulations,  
18 including ensuring that, in the event of a loss of power,  
19 there is adequate emergency lighting available to allow  
20 passengers, crew members, and first responders—

- 21 (1) to see and orient themselves;  
22 (2) to identify obstacles;  
23 (3) to safely move throughout the rail car; and  
24 (4) to evacuate safely.

1 **SEC. 7407. COMPREHENSIVE RAIL SAFETY REVIEW OF AM-**  
2 **TRAK.**

3 (a) **COMPREHENSIVE SAFETY ASSESSMENT.**—Not  
4 later than 1 year after the date of enactment of this Act,  
5 the Secretary shall—

6 (1) conduct a focused review of Amtrak’s safe-  
7 ty-related processes and procedures, compliance with  
8 safety regulations and requirements, and overall  
9 safety culture; and

10 (2) submit a report to the Committee on Com-  
11 merce, Science, and Transportation of the Senate  
12 and the Committee on Transportation and Infra-  
13 structure of the House of Representatives that in-  
14 cludes the findings and recommendations resulting  
15 from such assessment.

16 (b) **PLAN.**—

17 (1) **INITIAL PLAN.**—Not later than 6 months  
18 after the completion of the comprehensive safety as-  
19 sessment under subsection (a)(1), Amtrak shall sub-  
20 mit a plan to the Committee on Commerce, Science,  
21 and Transportation of the Senate and the Com-  
22 mittee on Transportation and Infrastructure of the  
23 House of Representatives for addressing the findings  
24 and recommendations raised in the comprehensive  
25 safety assessment.

1           (2) ANNUAL UPDATES.—Amtrak shall submit  
2           annual updates of its progress toward implementing  
3           the plan submitted pursuant to paragraph (1) to the  
4           committees listed in such paragraph.

5 **SEC. 7408. COMPLETION OF HOURS OF SERVICE AND FA-**  
6                                   **TIGUE STUDIES.**

7           (a) IN GENERAL.—Not later than 90 days after the  
8           date of enactment of this Act, the Administrator of the  
9           Federal Railroad Administration shall commence the pilot  
10          programs required under subparagraphs (A) and (B) of  
11          section 21109(e)(1) of title 49, United States Code.

12          (b) CONSULTATION.—The Federal Railroad Adminis-  
13          tration shall consult with the class or craft of employees  
14          impacted by the pilot projects, including railroad carriers,  
15          and representatives of labor organizations representing  
16          the impacted employees when designing and conducting  
17          the pilot programs referred to in subsection (a).

18          (c) REPORT.—If the pilot programs required under  
19          section 21109(e)(1) of title 49, United States Code, have  
20          not commenced on the date that is 1 year and 120 days  
21          after the date of enactment of this Act, the Secretary, not  
22          later than 30 days after such date, submit a report to the  
23          Committee on Commerce, Science, and Transportation of  
24          the Senate and the Committee on Transportation and In-

1 frastructure of the House of Representatives that de-  
2 scribes—

3           (1) the status of such pilot programs;

4           (2) actions that the Federal Railroad Adminis-  
5 tration has taken to commence the pilot programs,  
6 including efforts to recruit participant railroads;

7           (3) any challenges impacting the commence-  
8 ment of the pilot programs; and

9           (4) any other details associated with the devel-  
10 opment of the pilot programs that affect progress to-  
11 ward meeting the mandate under such section  
12 21109(e)(1).

13 **SEC. 7409. POSITIVE TRAIN CONTROL STUDY.**

14       (a) STUDY.—The Comptroller General of the United  
15 States shall conduct a study to determine the annual posi-  
16 tive train control system operation and maintenance costs  
17 for public commuter railroads.

18       (b) REPORT.—Not later than 2 years after the date  
19 of enactment of this Act, the Comptroller General of the  
20 United States shall submit a report to the Committee on  
21 Commerce, Science, and Transportation of the Senate and  
22 the Committee on Transportation and Infrastructure of  
23 the House of Representatives that summarizes the study  
24 conducted pursuant to subsection (a), including the esti-

1 mated annual positive train control system operation and  
2 maintenance costs for public commuter railroads.

3 **SEC. 7410. OPERATING CREW MEMBER TRAINING, QUALI-**  
4 **FICATION, AND CERTIFICATION.**

5 (a) AUDITS.—Not later than 60 days after the date  
6 of enactment of this Act, the Secretary shall initiate audits  
7 of the training, qualification, and certification programs  
8 of locomotive engineers and conductors of railroad car-  
9 riers, subject to the requirements of parts 240 and 242  
10 of title 49, Code of Federal Regulations, which audits  
11 shall—

12 (1) be conducted in accordance with subsection

13 (b);

14 (2) consider whether such programs are in com-  
15 pliance with such parts 240 and 242;

16 (3) assess the type and content of training that  
17 such programs provide locomotive engineers and  
18 conductors, relevant to their respective roles, includ-  
19 ing training related to installed technology;

20 (4) determine whether such programs provide  
21 locomotive engineers and conductors the knowledge,  
22 skill, and ability to safely operate a locomotive or  
23 train, consistent with such parts 240 and 242;

1           (5) determine whether such programs reflect  
2 the current operating practices of the railroad car-  
3 rier;

4           (6) assess the current practice by which rail-  
5 roads utilize simulator training, or any other tech-  
6 nologies used to train and qualify locomotive engi-  
7 neers and conductors by examining how such tech-  
8 nologies are used;

9           (7) consider international experience and prac-  
10 tice using similar technology, as appropriate, par-  
11 ticularly before qualifying locomotive engineers on  
12 new or unfamiliar equipment, new train control,  
13 diagnostics, or other on-board technology;

14           (8) assess the current practice for familiarizing  
15 locomotive engineers and conductors with new terri-  
16 tory and using recurrency training to expose such  
17 personnel to normal and abnormal conditions; and

18           (9) ensure that locomotive engineers and con-  
19 ductor training programs are considered separately,  
20 as appropriate, based on the unique requirements  
21 and regulations.

22 (b) AUDIT SCHEDULING.—The Secretary shall—

23           (1) schedule the audits required under sub-  
24 section (a) to ensure that—



1 (A) each Class I railroad, including the  
2 National Railroad Passenger Corporation and  
3 other intercity passenger rail providers, is au-  
4 dited not less frequently than once every 5  
5 years; and

6 (B) a select number, as determined appro-  
7 priate by the Secretary, of Class II and Class  
8 III railroads, along with other railroads pro-  
9 viding passenger rail service that are not in-  
10 cluded in subparagraph (A), are audited annu-  
11 ally; and

12 (2) conduct the audits described in paragraph  
13 (1)(B) in accordance with the Small Business Regu-  
14 latory Enforcement Fairness Act of 1996 (5 U.S.C.  
15 601 note) and appendix C of part 209 of title 49,  
16 Code of Federal Regulations.

17 (c) UPDATES TO QUALIFICATION AND CERTIFI-  
18 CATION PROGRAM.—If the Secretary, while conducting the  
19 audits required under this section, identifies a deficiency  
20 in a railroad’s training, qualification, and certification pro-  
21 gram for locomotive engineers or conductors, the railroad  
22 shall update the program to eliminate such deficiency.

23 (d) CONSULTATION AND COOPERATION.—

24 (1) CONSULTATION.—In conducting any audit  
25 required under this section, the Secretary shall con-

1 sult with the railroad and its employees, including  
2 any nonprofit employee labor organization rep-  
3 resenting the engineers or conductors of the rail-  
4 road.

5 (2) COOPERATION.—The railroad and its em-  
6 ployees, including any nonprofit employee labor or-  
7 ganization representing engineers or conductors of  
8 the railroad, shall fully cooperate with any such  
9 audit, including by—

10 (A) providing any relevant documents re-  
11 quested; and

12 (B) making available any employees for  
13 interview without undue delay or obstruction.

14 (3) FAILURE TO COOPERATE.—If the Secretary  
15 determines that a railroad or any of its employees,  
16 including any nonprofit employee labor organization  
17 representing engineers or conductors of the railroad  
18 is not fully cooperating with an audit, the Secretary  
19 shall electronically notify the Committee on Com-  
20 merce, Science, and Transportation of the Senate  
21 and the Committee on Transportation and Infra-  
22 structure of the House of Representatives.

23 (e) REVIEW OF REGULATIONS.—The Secretary shall  
24 triennially determine whether any update to part 240 or  
25 242 of title 49, Code of Federal Regulations, is necessary

1 to better prepare locomotive engineers and conductors to  
2 safely operate trains by evaluating whether such regula-  
3 tions establish appropriate Federal standards requiring  
4 railroads—

5 (1) to provide locomotive engineers or conduc-  
6 tors the knowledge and skills to safely operate trains  
7 under conditions that reflect industry practices;

8 (2) to adequately address locomotive engineer  
9 or conductor route situational awareness, including  
10 ensuring locomotive engineers and conductors to  
11 demonstrate knowledge on the physical characteris-  
12 tics of a territory under various conditions and using  
13 various resources;

14 (3) to provide relevant and adequate hands-on  
15 training before a locomotive engineer or conductor is  
16 certified;

17 (4) to adequately prepare locomotive engineers  
18 or conductors to understand relevant locomotive op-  
19 erating characteristics, to include instructions on  
20 functions they are required to operate on any in-  
21 stalled technology; and

22 (5) to address any other safety issue that the  
23 Secretary determines to be appropriate for better  
24 preparing locomotive engineers or conductors.

1 (f) ANNUAL REPORT.—The Secretary shall publish  
2 an annual report on the public website of the Federal Rail-  
3 road Administration that—

4 (1) summarizes the findings of the prior year’s  
5 audits;

6 (2) summarizes any updates made pursuant to  
7 subsection (c); and

8 (3) excludes and confidential business informa-  
9 tion or sensitive security information.

10 **SEC. 7411. TRANSPARENCY AND SAFETY.**

11 Section 20103(d) of title 49, United States Code, is  
12 amended to read as follows:

13 “(d) NONEMERGENCY WAIVERS.—

14 “(1) IN GENERAL.—The Secretary of Transpor-  
15 tation may waive, or suspend the requirement to  
16 comply with, any part of a regulation prescribed or  
17 an order issued under this chapter if such waiver or  
18 suspension is in the public interest and consistent  
19 with railroad safety.

20 “(2) NOTICE REQUIRED.—The Secretary  
21 shall—

22 “(A) provide timely public notice of any re-  
23 quest for a waiver under this subsection or for  
24 a suspension under subpart E of part 211 of

1 title 49, Code of Federal Regulations, or suc-  
2 cessor regulations;

3 “(B) make available the application for  
4 such waiver or suspension and any nonconfiden-  
5 tial underlying data to interested parties;

6 “(C) provide the public with notice and a  
7 reasonable opportunity to comment on a pro-  
8 posed waiver or suspension under this sub-  
9 section before making a final decision; and

10 “(D) publish on a publicly accessible  
11 website the reasons for granting each such  
12 waiver or suspension.

13 “(3) INFORMATION PROTECTION.—Nothing in  
14 this subsection may be construed to require the re-  
15 lease of information protected by law from public  
16 disclosure.

17 “(4) RULEMAKING.—

18 “(A) IN GENERAL.—Not later than 1 year  
19 after the first day on which a waiver under this  
20 subsection or a suspension under subpart E of  
21 part 211 of title 49, Code of Federal Regula-  
22 tions, or successor regulations, has been in con-  
23 tinuous effect for a 6-year period, the Secretary  
24 shall complete a review and analysis of such  
25 waiver or suspension to determine whether

1 issuing a rule that is consistent with the waiver  
2 is—

3 “(i) in the public interest; and

4 “(ii) consistent with railroad safety.

5 “(B) FACTORS.—In conducting the review  
6 and analysis under subparagraph (A), the Sec-  
7 retary shall consider—

8 “(i) the relevant safety record under  
9 the waiver or suspension;

10 “(ii) the likelihood that other entities  
11 would have similar safety outcomes;

12 “(iii) the materials submitted in the  
13 applications, including any comments re-  
14 garding such materials; and

15 “(iv) related rulemaking activity.

16 “(C) NOTICE AND COMMENT.—

17 “(i) IN GENERAL.—The Secretary  
18 shall publish the review and analysis re-  
19 quired under this paragraph in the Federal  
20 Register, which shall include a summary of  
21 the data collected and all relevant under-  
22 lying data, if the Secretary decides not to  
23 initiate a regulatory update under subpara-  
24 graph (D).

1                   “(ii) NOTICE OF PROPOSED RULE-  
2                   MAKING.—The review and analysis under  
3                   this paragraph shall be included as part of  
4                   the notice of proposed rulemaking if the  
5                   Secretary initiates a regulatory update  
6                   under subparagraph (D).

7                   “(D) REGULATORY UPDATE.—The Sec-  
8                   retary may initiate a rulemaking to incorporate  
9                   relevant aspects of a waiver under this sub-  
10                  section or a suspension under subpart E of part  
11                  211 of title 49, Code of Federal Regulations, or  
12                  successor regulations, into the relevant regula-  
13                  tion, to the extent the Secretary considers ap-  
14                  propriate.

15                  “(5) RULE OF CONSTRUCTION.—Nothing in  
16                  this subsection may be construed to delay any waiver  
17                  granted pursuant to this subsection that is in the  
18                  public interest and consistent with railroad safety.”.

19 **SEC. 7412. RESEARCH AND DEVELOPMENT.**

20                  Section 20108 of title 49, United States Code, is  
21                  amended by adding at the end the following:

22                  “(d) FACILITIES.—The Secretary may erect, alter,  
23                  and repair buildings and make other public improvements  
24                  to carry out necessary railroad research, safety, and train-

1 ing activities at the Transportation Technology Center in  
2 Pueblo, Colorado.

3 “(e) OFFSETTING COLLECTIONS.—The Secretary  
4 may collect fees or rents from facility users to offset ap-  
5 propriated amounts for the cost of providing facilities or  
6 research, development, testing, training, or other services,  
7 including long-term sustainment of the on-site physical  
8 plant.

9 “(f) REVOLVING FUND.—Amounts appropriated to  
10 carry out subsection (d) and all fees and rents collected  
11 pursuant to subsection (e) shall be credited to a revolving  
12 fund and remain available until expended. The Secretary  
13 may use such fees and rents for operation, maintenance,  
14 repair, or improvement of the Transportation Technology  
15 Center.

16 “(g) LEASES AND CONTRACTS.—Notwithstanding  
17 section 1302 of title 40, the Secretary may lease to others  
18 or enter into contracts for terms of up to 20 years, for  
19 such consideration and subject to such terms and condi-  
20 tions as the Secretary determines to be in the best inter-  
21 ests of the Government of the United States, for the oper-  
22 ation, maintenance, repair, and improvement of the  
23 Transportation Technology Center.

24 “(h) PROPERTY AND CASUALTY LOSS INSURANCE.—  
25 The Secretary may allow its lessees and contractors to



1 purchase property and casualty loss insurance for its as-  
2 sets and activities at the Transportation Technology Cen-  
3 ter to mitigate the lessee's or contractor's risk associated  
4 with operating a facility.

5 “(i) ENERGY PROJECTS.—Notwithstanding section  
6 1341 of title 31, the Secretary may enter into contracts  
7 or agreements, or commit to obligations in connection with  
8 third-party contracts or agreements, including contingent  
9 liability for the purchase of electric power in connection  
10 with such contracts or agreements, for terms not to exceed  
11 20 years, to enable the use of the land at the Transpor-  
12 tation Technology Center for projects to produce energy  
13 from renewable sources.”.

14 **SEC. 7413. RAIL RESEARCH AND DEVELOPMENT CENTER**  
15 **OF EXCELLENCE.**

16 Section 20108 of title 49, United States Code, as  
17 amended by section 7412, is further amended by adding  
18 at the end the following:

19 “(j) RAIL RESEARCH AND DEVELOPMENT CENTER  
20 OF EXCELLENCE.—

21 “(1) CENTER OF EXCELLENCE.—The Secretary  
22 shall award grants to establish and maintain a cen-  
23 ter of excellence to advance research and develop-  
24 ment that improves the safety, efficiency, and reli-  
25 ability of passenger and freight rail transportation.

1           “(2) ELIGIBILITY.—An institution of higher  
2 education (as defined in section 101 of the Higher  
3 Education Act of 1965 (20 U.S.C. 1001)) or a con-  
4 sortium of nonprofit institutions of higher education  
5 shall be eligible to receive a grant from the center  
6 established pursuant to paragraph (1).

7           “(3) SELECTION CRITERIA.—In awarding a  
8 grant under this subsection, the Secretary shall—

9                   “(A) give preference to applicants with  
10 strong past performance related to rail re-  
11 search, education, and workforce development  
12 activities;

13                   “(B) consider the extent to which the ap-  
14 plicant would involve public and private sector  
15 passenger and freight railroad operators; and

16                   “(C) consider the regional and national im-  
17 pacts of the applicant’s proposal.

18           “(4) USE OF FUNDS.—Grant funds awarded  
19 pursuant to this subsection shall be used for basic  
20 and applied research, evaluation, education, work-  
21 force development, and training efforts related to  
22 safety, project delivery, efficiency, reliability, resil-  
23 iency, and sustainability of urban commuter, inter-  
24 city high-speed, and freight rail transportation, to  
25 include advances in rolling stock, advanced positive

1 train control, human factors, rail infrastructure,  
2 shared corridors, grade crossing safety, inspection  
3 technology, remote sensing, rail systems mainte-  
4 nance, network resiliency, operational reliability, en-  
5 ergy efficiency, and other advanced technologies.

6 “(5) FEDERAL SHARE.—The Federal share of a  
7 grant awarded under this subsection shall be 50 per-  
8 cent of the cost of establishing and operating the  
9 center of excellence and related research activities  
10 carried out by the grant recipient.”.

11 **SEC. 7414. QUARTERLY REPORT ON POSITIVE TRAIN CON-**  
12 **TROL SYSTEM PERFORMANCE.**

13 Section 20157 of title 49, United States Code, is  
14 amended by adding at the end the following:

15 “(m) REPORTS ON POSITIVE TRAIN CONTROL SYS-  
16 TEM PERFORMANCE.—

17 “(1) IN GENERAL.—Each host railroad subject  
18 to this section or subpart I of part 236 of title 49,  
19 Code of Federal Regulations, shall electronically sub-  
20 mit to the Secretary of Transportation a Report of  
21 PTC System Performance on Form FRA F  
22 6180.152, which shall be submitted on or before the  
23 applicable due date set forth in paragraph (3) and  
24 contain the information described in paragraph (2),  
25 which shall be separated by the host railroad, each

1 applicable tenant railroad, and each positive train  
2 control-governed track segment, consistent with the  
3 railroad's positive train control Implementation Plan  
4 described in subsection (a)(1).

5 “(2) REQUIRED INFORMATION.—Each report  
6 submitted pursuant to paragraph (1) shall include,  
7 for the applicable reporting period—

8 “(A) the number of positive train control  
9 system initialization failures, disaggregated by  
10 the number of initialization failures for which  
11 the source or cause was the onboard subsystem,  
12 the wayside subsystem, the communications  
13 subsystem, the back office subsystem, or a non-  
14 positive train control component;

15 “(B) the number of positive train control  
16 system cut outs, disaggregated by each compo-  
17 nent listed in subparagraph (A) that was the  
18 source or cause of such cut outs;

19 “(C) the number of positive train control  
20 system malfunctions, disaggregated by each  
21 component listed in subparagraph (A) that was  
22 the source or cause of such malfunctions;

23 “(D) the number of enforcements by the  
24 positive train control system;

1           “(E) the number of enforcements by the  
2 positive train control system in which it is rea-  
3 sonable to assume an accident or incident was  
4 prevented;

5           “(F) the number of scheduled attempts at  
6 initialization of the positive train control sys-  
7 tem;

8           “(G) the number of train miles governed  
9 by the positive train control system; and

10           “(H) a summary of any actions the host  
11 railroad and its tenant railroads are taking to  
12 reduce the frequency and rate of initialization  
13 failures, cut outs, and malfunctions, such as  
14 any actions to correct or eliminate systemic  
15 issues and specific problems.

16           “(3) DUE DATES.—

17           “(A) IN GENERAL.—Except as provided in  
18 subparagraph (B), each host railroad shall elec-  
19 tronically submit the report required under  
20 paragraph (1) not later than—

21           “(i) April 30, for the period from Jan-  
22 uary 1 through March 31;

23           “(ii) July 31, for the period from  
24 April 1 through June 30;

1                   “(iii) October 31, for the period from  
2                   July 1 through September 30; and

3                   “(iv) January 31, for the period from  
4                   October 1 through December 31 of the  
5                   prior calendar year.

6                   “(B) FREQUENCY REDUCTION.—Beginning  
7                   on the date that is 3 years after the date of en-  
8                   actment of the Passenger Rail Expansion and  
9                   Rail Safety Act of 2021, the Secretary shall re-  
10                  duce the frequency with which host railroads  
11                  are required to submit the report described in  
12                  paragraph (1) to not less frequently than twice  
13                  per year, unless the Secretary—

14                         “(i) determines that quarterly report-  
15                         ing is in the public interest; and

16                         “(ii) publishes a justification for such  
17                         determination in the Federal Register.

18                   “(4) TENANT RAILROADS.—Each tenant rail-  
19                   road that operates on a host railroad’s positive train  
20                   control-governed main line and is not currently sub-  
21                   ject to an exception under section 236.1006(b) of  
22                   title 49, Code of Federal Regulations, shall submit  
23                   the information described in paragraph (2) to each  
24                   applicable host railroad on a continuous basis.

1           “(5) ENFORCEMENTS.—Any railroad operating  
2           a positive train control system classified under Fed-  
3           eral Railroad Administration Type Approval number  
4           FRA-TA-2010-001 or FRA-TA-2013-003 shall  
5           begin submitting the metric required under para-  
6           graph (2)(D) not later than January 31, 2023.”.

7 **SEC. 7415. SPEED LIMIT ACTION PLANS.**

8           (a) CODIFICATION OF, AND AMENDMENT TO, SEC-  
9           TION 11406 OF THE FAST ACT.—Subchapter II of chap-  
10          ter 201 of subtitle V of title 49, United States Code, is  
11          amended by inserting after section 20168 the following:

12 **“§ 20169. Speed limit action plans**

13          “(a) IN GENERAL.—Not later than March 3, 2016,  
14          each railroad carrier providing intercity rail passenger  
15          transportation or commuter rail passenger transportation,  
16          in consultation with any applicable host railroad carrier,  
17          shall survey its entire system and identify each main track  
18          location where there is a reduction of more than 20 miles  
19          per hour from the approach speed to a curve, bridge, or  
20          tunnel and the maximum authorized operating speed for  
21          passenger trains at that curve, bridge, or tunnel.

22          “(b) ACTION PLANS.—Not later than 120 days after  
23          the date that the survey under subsection (a) is complete,  
24          a railroad carrier described in subsection (a) shall submit  
25          to the Secretary of Transportation an action plan that—

1           “(1) identifies each main track location where  
2           there is a reduction of more than 20 miles per hour  
3           from the approach speed to a curve, bridge, or tun-  
4           nel and the maximum authorized operating speed for  
5           passenger trains at that curve, bridge, or tunnel;

6           “(2) describes appropriate actions to enable  
7           warning and enforcement of the maximum author-  
8           ized speed for passenger trains at each location iden-  
9           tified under paragraph (1), including—

10                   “(A) modification to automatic train con-  
11                   trol systems, if applicable, or other signal sys-  
12                   tems;

13                   “(B) increased crew size;

14                   “(C) installation of signage alerting train  
15                   crews of the maximum authorized speed for  
16                   passenger trains in each location identified  
17                   under paragraph (1);

18                   “(D) installation of alerters;

19                   “(E) increased crew communication; and

20                   “(F) other practices;

21           “(3) contains milestones and target dates for  
22           implementing each appropriate action described  
23           under paragraph (2); and



1           “(4) ensures compliance with the maximum au-  
2           thorized speed at each location identified under  
3           paragraph (1).

4           “(c) APPROVAL.—Not later than 90 days after the  
5           date on which an action plan is submitted under sub-  
6           section (b) or (d)(2), the Secretary shall approve, approve  
7           with conditions, or disapprove the action plan.

8           “(d) PERIODIC REVIEWS AND UPDATES.—Each rail-  
9           road carrier that submits an action plan to the Secretary  
10          pursuant to subsection (b) shall—

11           “(1) not later than 1 year after the date of en-  
12          actment of the Passenger Rail Expansion and Rail  
13          Safety Act of 2021, and annually thereafter, review  
14          such plan to ensure the effectiveness of actions  
15          taken to enable warning and enforcement of the  
16          maximum authorized speed for passenger trains at  
17          each location identified pursuant to subsection  
18          (b)(1); and

19           “(2) not later than 90 days before imple-  
20          menting any significant operational or territorial op-  
21          erating change, including initiating a new service or  
22          route, submit to the Secretary a revised action plan,  
23          after consultation with any applicable host railroad,  
24          that addresses such operational or territorial oper-  
25          ating change.

1           “(e) NEW SERVICE.—If a railroad carrier providing  
2   intercity rail passenger transportation or commuter rail  
3   passenger transportation did not exist on the date of en-  
4   actment of the FAST Act (Public Law 114–94; 129 Stat.  
5   1312), such railroad carrier, in consultation with any ap-  
6   plicable host railroad carrier, shall—

7           “(1) survey its routes pursuant to subsection  
8       (a) not later than 90 days after the date of enact-  
9       ment of the Passenger Rail Expansion and Rail  
10      Safety Act of 2021; and

11          “(2) develop an action plan pursuant to sub-  
12      section (b) not later than 120 days after the date on  
13      which such survey is complete.

14          “(f) ALTERNATIVE SAFETY MEASURES.—The Sec-  
15      retary may exempt from the requirements under this sec-  
16      tion each segment of track for which operations are gov-  
17      erned by a positive train control system certified under  
18      section 20157, or any other safety technology or practice  
19      that would achieve an equivalent or greater level of safety  
20      in reducing derailment risk.

21          “(g) PROHIBITION.—No new intercity or commuter  
22      rail passenger service may begin operation unless the rail-  
23      road carrier providing such service is in compliance with  
24      the requirements under this section.

1           “(h) SAVINGS CLAUSE.—Nothing in this section may  
2 be construed to prohibit the Secretary from applying the  
3 requirements under this section to other segments of track  
4 at high risk of overspeed derailment.”.

5           (b) CLERICAL AMENDMENT.—The analysis for chap-  
6 ter 201 of subtitle V of title 49, United States Code, is  
7 amended by adding at the end the following:

“20169. Speed limit action plans.”.

8 **SEC. 7416. NEW PASSENGER SERVICE PRE-REVENUE SAFE-**  
9 **TY VALIDATION PLAN.**

10           (a) IN GENERAL.—Subchapter II of chapter 201 of  
11 subtitle V of title 49, United States Code, as amended by  
12 section 7415, is further amended by adding at the end  
13 the following:

14 **“§ 20170. Pre-revenue service safety validation plan**

15           “(a) PLAN SUBMISSION.—Any railroad providing  
16 new, regularly scheduled, intercity or commuter rail pas-  
17 senger transportation, an extension of existing service, or  
18 a renewal of service that has been discontinued for more  
19 than 180 days shall develop and submit for review a com-  
20 prehensive pre-revenue service safety validation plan to the  
21 Secretary of Transportation not later than 60 days before  
22 initiating such revenue service. Such plan shall include  
23 pertinent safety milestones and a minimum period of sim-  
24 ulated revenue service to ensure operational readiness and

1 that all safety sensitive personnel are properly trained and  
2 qualified.

3 “(b) COMPLIANCE.—After submitting a plan pursu-  
4 ant to subsection (a), the railroad shall adopt and comply  
5 with such plan and may not amend the plan without first  
6 notifying the Secretary of the proposed amendment. Rev-  
7 enue service may not begin until the railroad has com-  
8 pleted the requirements of its plan, including the min-  
9 imum simulated service period required by the plan.

10 “(c) RULEMAKING.—The Secretary shall promulgate  
11 regulations to carry out this section, including—

12 “(1) requiring that any identified safety defi-  
13 ciencies be addressed and corrected before the initi-  
14 ation of revenue service; and

15 “(2) establishing appropriate deadlines to en-  
16 able the Secretary to review and approve the pre-rev-  
17 enue service safety validation plan to ensure that  
18 service is not unduly delayed.”.

19 (b) CLERICAL AMENDMENT.—The analysis for chap-  
20 ter 201 of title 49, United States Code, as amended by  
21 section 7415(b), is further amended by adding at the end  
22 the following:

“20170. Pre-revenue service safety validation plan.”.

1 **SEC. 7417. FEDERAL RAILROAD ADMINISTRATION ACCI-**  
2 **DENT AND INCIDENT INVESTIGATIONS.**

3 Section 20902 of title 49, United States Code, is  
4 amended—

5 (1) in subsection (b) by striking “subpena” and  
6 inserting “subpoena”; and

7 (2) by adding at the end the following:

8 “(d) GATHERING INFORMATION AND TECHNICAL  
9 EXPERTISE.—

10 “(1) IN GENERAL.—The Secretary shall create  
11 a standard process for investigators to use during  
12 accident and incident investigations conducted under  
13 this section for determining when it is appropriate  
14 and the appropriate method for—

15 “(A) gathering information about an acci-  
16 dent or incident under investigation from rail-  
17 road carriers, contractors or employees of rail-  
18 road carriers or representatives of employees of  
19 railroad carriers, and others, as determined rel-  
20 evant by the Secretary; and

21 “(B) consulting with railroad carriers, con-  
22 tractors or employees of railroad carriers or  
23 representatives of employees of railroad car-  
24 riers, and others, as determined relevant by the  
25 Secretary, for technical expertise on the facts of  
26 the accident or incident under investigation.

1           “(2) CONFIDENTIALITY.—In developing the  
2           process required under paragraph (1), the Secretary  
3           shall factor in ways to maintain the confidentiality  
4           of any entity identified under paragraph (1) if—

5                   “(A) such entity requests confidentiality;

6                   “(B) such entity was not involved in the  
7           accident or incident; and

8                   “(C) maintaining such entity’s confiden-  
9           tiality does not adversely affect an investigation  
10          of the Federal Railroad Administration.

11          “(3) APPLICABILITY.—This subsection shall not  
12          apply to any investigation carried out by the Na-  
13          tional Transportation Safety Board.”.

14   **SEC. 7418. CIVIL PENALTY ENFORCEMENT AUTHORITY.**

15          Section 21301(a) of title 49, United States Code, is  
16          amended by striking paragraph (3) and inserting the fol-  
17          lowing:

18          “(3) The Secretary may find that a person has vio-  
19          lated this chapter or a regulation prescribed or order, spe-  
20          cial permit, or approval issued under this chapter only  
21          after notice and an opportunity for a hearing. The Sec-  
22          retary shall impose a penalty under this section by giving  
23          the person written notice of the amount of the penalty.  
24          The Secretary may compromise the amount of a civil pen-  
25          alty by settlement agreement without issuance of an order.

1 In determining the amount of a compromise, the Secretary  
2 shall consider—

3 “(A) the nature, circumstances, extent, and  
4 gravity of the violation;

5 “(B) with respect to the violator, the degree of  
6 culpability, any history of violations, the ability to  
7 pay, and any effect on the ability to continue to do  
8 business; and

9 “(C) other matters that justice requires.

10 “(4) The Attorney General may bring a civil action  
11 in an appropriate district court of the United States to  
12 collect a civil penalty imposed or compromise under this  
13 section and any accrued interest on the civil penalty. In  
14 the civil action, the amount and appropriateness of the  
15 civil penalty shall not be subject to review.”.

16 **SEC. 7419. ADVANCING SAFETY AND INNOVATIVE TECH-**  
17 **NOLOGY.**

18 (a) IN GENERAL.—Section 26103 of title 49, United  
19 States Code, is amended to read as follows:

20 **“§ 26103. Safety regulations and evaluation**

21 “The Secretary—

22 “(1) shall promulgate such safety regulations as  
23 may be necessary for high-speed rail services;

24 “(2) shall, before promulgating such regula-  
25 tions, consult with developers of new high-speed rail

1 technologies to develop a method for evaluating safe-  
2 ty performance; and

3 “(3) may solicit feedback from relevant safety  
4 experts or representatives of rail employees who per-  
5 form work on similar technology or who may be ex-  
6 pected to perform work on new technology, as appro-  
7 priate.”.

8 (b) CLERICAL AMENDMENT.—The analysis for chap-  
9 ter 261 of title 49, United States Code, is amended by  
10 striking the item relating to section 26103 and inserting  
11 the following:

“26103. Safety regulations and evaluation.”.

12 **SEC. 7420. PASSENGER RAIL VEHICLE OCCUPANT PROTEC-**  
13 **TION SYSTEMS.**

14 (a) STUDY.—The Administrator of the Federal Rail-  
15 road Administration shall conduct a study of the potential  
16 installation and use in new passenger rail rolling stock of  
17 passenger rail vehicle occupant protection systems that  
18 could materially improve passenger safety.

19 (b) CONSIDERATIONS.—In conducting the study  
20 under subsection (a), the Administrator shall consider  
21 minimizing the risk of secondary collisions, including esti-  
22 mating the costs and benefits of the new requirements,  
23 through the use of—

- 24 (1) occupant restraint systems;  
25 (2) air bags;



1 (3) emergency window retention systems; and

2 (4) interior designs, including seats, baggage  
3 restraints, and table configurations and attach-  
4 ments.

5 (c) REPORT.—Not later than 2 years after the date  
6 of enactment of this Act, the Administrator shall—

7 (1) submit a report summarizing the findings of  
8 the study conducted pursuant to subsection (a) to  
9 the Committee on Commerce, Science, and Trans-  
10 portation of the Senate and the Committee on  
11 Transportation and Infrastructure of the House of  
12 Representatives; and

13 (2) publish such report on the website of the  
14 Federal Railroad Administration.

15 (d) RULEMAKING.—Following the completion of the  
16 study required under subsection (a), and after considering  
17 the costs and benefits of the proposed protection systems,  
18 the Administrator may promulgate a rule that establishes  
19 standards for the use of occupant protection systems in  
20 new passenger rail rolling stock.

21 **SEC. 7421. FEDERAL RAILROAD ADMINISTRATION REPORT-**  
22 **ING REQUIREMENTS.**

23 (a) ELIMINATION OF DUPLICATIVE OR UNNECES-  
24 SARY REPORTING OR PAPERWORK REQUIREMENTS IN  
25 THE FEDERAL RAILROAD ADMINISTRATION.—

1           (1) REVIEW.—The Administrator of the Fed-  
2           eral Railroad Administration (referred to in this  
3           subsection as the “FRA Administrator”), in con-  
4           sultation with the Administrator of the Federal  
5           Transit Administration, shall conduct a review of ex-  
6           isting reporting and paperwork requirements in the  
7           Federal Railroad Administration to determine if any  
8           such requirements are duplicative or unnecessary.

9           (2) ELIMINATION OF CERTAIN REQUIRE-  
10          MENTS.—If the FRA Administrator determines, as a  
11          result of the review conducted pursuant to para-  
12          graph (1), that any reporting or paperwork require-  
13          ment that is not statutorily required is duplicative or  
14          unnecessary, the FRA Administrator, after consulta-  
15          tion with the Administrator of the Federal Transit  
16          Administration, shall terminate such requirement.

17          (3) REPORT.—Not later than 1 year after the  
18          date of enactment of this Act, the FRA Adminis-  
19          trator shall submit a report to the Committee on  
20          Commerce, Science, and Transportation of the Sen-  
21          ate and the Committee on Transportation and Infra-  
22          structure of the House of Representatives that—

23                 (A) identifies all of the reporting or paper-  
24                 work requirements that were terminated pursu-  
25                 ant to paragraph (2); and

1 (B) identifies any statutory reporting or  
2 paperwork requirements that are duplicative or  
3 unnecessary and should be repealed.

4 (b) SAFETY REPORTING.—Not later than 1 year  
5 after the date of enactment of this Act, and annually  
6 thereafter for the following 4 years, the Secretary shall  
7 update Special Study Block 49 on Form FRA F 6180.54  
8 (Rail Equipment Accident/Incident Report) to collect, with  
9 respect to trains involved in accidents required to be re-  
10 ported to the Federal Railroad Administration—

11 (1) the number of cars and length of the in-  
12 volved trains; and

13 (2) the number of crew members who were  
14 aboard a controlling locomotive involved in an acci-  
15 dent at the time of such accident.

16 **SEC. 7422. NATIONAL ACADEMIES STUDY ON TRAINS**  
17 **LONGER THAN 7,500 FEET.**

18 (a) STUDY.—The Secretary shall seek to enter into  
19 an agreement with the National Academies to conduct a  
20 study on the operation of freight trains that are longer  
21 than 7,500 feet.

22 (b) ELEMENTS.—The study conducted pursuant to  
23 subsection (a) shall—

24 (1) examine any potential impacts to safety  
25 from the operation of freight trains that are longer

1 than 7,500 feet and the mitigation of any identified  
2 risks, including—

3 (A) any potential changes in the risk of  
4 loss of communications between the end of train  
5 device and the locomotive cab, including com-  
6 munications over differing terrains and condi-  
7 tions;

8 (B) any potential changes in the risk of  
9 loss of radio communications between crew  
10 members when a crew member alights from the  
11 train, including communications over differing  
12 terrains and conditions;

13 (C) any potential changes in the risk of  
14 derailments, including any risks associated with  
15 in-train compressive forces and slack action or  
16 other safety risks in the operations of such  
17 trains in differing terrains and conditions;

18 (D) any potential impacts associated with  
19 the deployment of multiple distributed power  
20 units in the consists of such trains; and

21 (E) any potential impacts on braking and  
22 locomotive performance and track wear and  
23 tear;

1           (2) evaluate any impacts on scheduling and effi-  
2           ciency of passenger operations and in the shipping  
3           of goods by freight as a result of longer trains;

4           (3) determine whether additional engineer and  
5           conductor training is required for safely operating  
6           such trains;

7           (4) assess the potential impact on the amount  
8           of time and frequency of occurrence highway-rail  
9           grade crossings are occupied; and

10          (5) identify any potential environmental im-  
11          pacts, including greenhouse gas emissions, that have  
12          resulted from the operation of longer trains.

13          (c) COMPARISON.—When evaluating the potential im-  
14          pacts of the operation of trains longer than 7,500 feet  
15          under subsection (b), the impacts of such trains shall be  
16          compared to the impacts of trains that are shorter than  
17          7,500 feet, after taking into account train frequency.

18          (d) REPORT.—Not later than 2 years after the date  
19          of enactment of this Act, the Secretary shall submit a re-  
20          port to the Committee on Commerce, Science, and Trans-  
21          portation of the Senate and the Committee on Transpor-  
22          tation and Infrastructure of the House of Representatives  
23          that contains the results of the study conducted by the  
24          National Academies under this section.

1 (e) FUNDING.—From the amounts appropriated for  
2 fiscal year 2021 pursuant to the authorization under sec-  
3 tion 20117(a) of title 49, United States Code, the Sec-  
4 retary shall expend not less than \$1,000,000 and not more  
5 than \$2,000,000 to carry out the study required under  
6 this section.

7 **SEC. 7423. HIGH-SPEED TRAIN NOISE EMISSIONS.**

8 (a) IN GENERAL.—Section 17 of the Noise Control  
9 Act of 1972 (42 U.S.C. 4916) is amended—

10 (1) by redesignating subsections (c) and (d) as  
11 subsections (d) and (e), respectively; and

12 (2) by inserting after subsection (b) the fol-  
13 lowing:

14 “(c) HIGH-SPEED TRAIN NOISE EMISSIONS.—

15 “(1) IN GENERAL.—The Secretary of Transpor-  
16 tation, in consultation with the Administrator, may  
17 prescribe regulations governing railroad-related noise  
18 emission standards for trains operating on the gen-  
19 eral railroad system of transportation at speeds ex-  
20 ceeding 160 miles per hour, including noise related  
21 to magnetic levitation systems and other new tech-  
22 nologies not traditionally associated with railroads.

23 “(2) FACTORS IN RULEMAKING.—The regula-  
24 tions prescribed pursuant to paragraph (1) may—

1           “(A) consider variances in maximum pass-  
2           by noise with respect to the speed of the equip-  
3           ment;

4           “(B) account for current engineering best  
5           practices; and

6           “(C) encourage the use of noise mitigation  
7           techniques to the extent reasonable if the bene-  
8           fits exceed the costs.

9           “(3) CONVENTIONAL-SPEED TRAINS.—Railroad-  
10          related noise regulations prescribed under subsection  
11          (a) shall continue to govern noise emissions from the  
12          operation of trains, including locomotives and rail  
13          cars, when operating at speeds not exceeding 160  
14          miles per hour.”.

15          (b) TECHNICAL AMENDMENT.—The second sentence  
16          of section 17(b) of the Noise Control Act of 1972 (42  
17          U.S.C. 4916(b)) is amended by striking “the Safety Appli-  
18          ance Acts, the Interstate Commerce Act, and the Depart-  
19          ment of Transportation Act” and inserting “subtitle V of  
20          title 49, United States Code”.

21          **SEC. 7424. CRITICAL INCIDENT STRESS PLANS.**

22          The Secretary shall amend part 272 of title 49, Code  
23          of Federal Regulations, to the extent necessary to ensure  
24          that—

1           (1) the coverage of a critical incident stress  
2 plan under section 272.7 of such part includes em-  
3 ployees of commuter railroads and intercity pas-  
4 senger railroads (as such terms are defined in sec-  
5 tion 272.9 of such part), including employees who  
6 directly interact with passengers; and

7           (2) an assault against an employee requiring  
8 medical attention is included in the definition of crit-  
9 ical incident under section 272.9 of such part.

10 **SEC. 7425. REQUIREMENTS FOR RAILROAD FREIGHT CARS**

11                   **PLACED INTO SERVICE IN THE UNITED**  
12                   **STATES.**

13           (a) IN GENERAL.—Subchapter II of chapter 201 of  
14 subtitle V of title 49, United States Code (as amended  
15 by section 7416(a)), is amended by adding at the end the  
16 following:

17 **“§ 20171. Requirements for railroad freight cars**  
18                   **placed into service in the United States**

19           “(a) DEFINITIONS.—In this section:

20                   “(1) COMPONENT.—The term ‘component’  
21 means a part or subassembly of a railroad freight  
22 car.

23                   “(2) CONTROL.—The term ‘control’ means the  
24 power, whether direct or indirect and whether or not  
25 exercised, through the ownership of a majority or a



1 dominant minority of the total outstanding voting  
2 interest in an entity, representation on the board of  
3 directors of an entity, proxy voting on the board of  
4 directors of an entity, a special share in the entity,  
5 a contractual arrangement with the entity, a formal  
6 or informal arrangement to act in concert with an  
7 entity, or any other means, to determine, direct,  
8 make decisions, or cause decisions to be made for  
9 the entity.

10 “(3) COST OF SENSITIVE TECHNOLOGY.—The  
11 term ‘cost of sensitive technology’ means the aggregate  
12 cost of the sensitive technology located on a  
13 railroad freight car.

14 “(4) COUNTRY OF CONCERN.—The term ‘country  
15 of concern’ means a country that—

16 “(A) is identified by the Department of  
17 Commerce as a nonmarket economy country (as  
18 defined in section 771(18) of the Tariff Act of  
19 1930 (19 U.S.C. 1677(18))) as of the date of  
20 enactment of the Passenger Rail Expansion and  
21 Rail Safety Act of 2021;

22 “(B) was identified by the United States  
23 Trade Representative in the most recent report  
24 required by section 182 of the Trade Act of  
25 1974 (19 U.S.C. 2242) as a foreign country in-

1           cluded on the priority watch list (as defined in  
2           subsection (g)(3) of such section); and

3           “(C) is subject to monitoring by the Trade  
4           Representative under section 306 of the Trade  
5           Act of 1974 (19 U.S.C. 2416).

6           “(5) NET COST.—The term ‘net cost’ has the  
7           meaning given such term in chapter 4 of the  
8           USMCA or any subsequent free trade agreement be-  
9           tween the United States, Mexico, and Canada.

10          “(6) QUALIFIED FACILITY.—The term ‘quali-  
11          fied facility’ means a facility that is not owned or  
12          under the control of a state-owned enterprise.

13          “(7) QUALIFIED MANUFACTURER.—The term  
14          ‘qualified manufacturer’ means a railroad freight car  
15          manufacturer that is not owned or under the control  
16          of a state-owned enterprise.

17          “(8) RAILROAD FREIGHT CAR.—The term ‘rail-  
18          road freight car’ means a car designed to carry  
19          freight or railroad personnel by rail, including—

20                 “(A) a box car;

21                 “(B) a refrigerator car;

22                 “(C) a ventilator car;

23                 “(D) an intermodal well car;

24                 “(E) a gondola car;

25                 “(F) a hopper car;

1 “(G) an auto rack car;

2 “(H) a flat car;

3 “(I) a special car;

4 “(J) a caboose car;

5 “(K) a tank car; and

6 “(L) a yard car.

7 “(9) SENSITIVE TECHNOLOGY.—The term ‘sen-  
8 sitive technology’ means any device embedded with  
9 electronics, software, sensors, or other connectivity,  
10 that enables the device to connect to, collect data  
11 from, or exchange data with another device, includ-  
12 ing—

13 “(A) onboard telematics;

14 “(B) remote monitoring software;

15 “(C) firmware;

16 “(D) analytics;

17 “(E) global positioning system satellite and  
18 cellular location tracking systems;

19 “(F) event status sensors;

20 “(G) predictive component condition and  
21 performance monitoring sensors; and

22 “(H) similar sensitive technologies embed-  
23 ded into freight railcar components and sub-as-  
24 ssemblies.

1           “(10) STATE-OWNED ENTERPRISE.—The term  
2           ‘state-owned enterprise’ means—

3                   “(A) an entity that is owned by, or under  
4                   the control of, a national, provincial, or local  
5                   government of a country of concern, or an  
6                   agency of such government; or

7                   “(B) an individual acting under the direc-  
8                   tion or influence of a government or agency de-  
9                   scribed in subparagraph (A).

10           “(11) SUBSTANTIALLY TRANSFORMED.—The  
11           term ‘substantially transformed’ means a component  
12           of a railroad freight car that undergoes an applica-  
13           ble change in tariff classification as a result of the  
14           manufacturing process, as described in chapter 4  
15           and related annexes of the USMCA or any subse-  
16           quent free trade agreement between the United  
17           States, Mexico, and Canada.

18           “(12) USMCA.—The term ‘USMCA’ has the  
19           meaning given the term in section 3 of the United  
20           States-Mexico-Canada Agreement Implementation  
21           Act (19 U.S.C. 4502).

22           “(b) REQUIREMENTS FOR RAILROAD FREIGHT  
23           CARS.—

24                   “(1) LIMITATION ON RAILROAD FREIGHT  
25                   CARS.—A railroad freight car wholly manufactured

1 on or after the date that is 1 year after the date of  
2 issuance of the regulations required under sub-  
3 section (c)(1) may only operate on the United States  
4 general railroad system of transportation if—

5 “(A) the railroad freight car is manufac-  
6 tured, assembled, and substantially trans-  
7 formed, as applicable, by a qualified manufac-  
8 turer in a qualified facility;

9 “(B) none of the sensitive technology lo-  
10 cated on the railroad freight car, including com-  
11 ponents necessary to the functionality of the  
12 sensitive technology, originates from a country  
13 of concern or is sourced from a state-owned en-  
14 terprise; and

15 “(C) none of the content of the railroad  
16 freight car, excluding sensitive technology,  
17 originates from a country of concern or is  
18 sourced from a state-owned enterprise that has  
19 been determined by a recognized court or ad-  
20 ministrative agency of competent jurisdiction  
21 and legal authority to have violated or infringed  
22 valid United States intellectual property rights  
23 of another including such a finding by a Fed-  
24 eral district court under title 35 or the U.S.  
25 International Trade Commission under section

1           337 of the Tariff Act of 1930 (19 U.S.C.  
2           1337).

3           “(2) LIMITATION ON RAILROAD FREIGHT CAR  
4           CONTENT.—

5           “(A) PERCENTAGE LIMITATION.—

6           “(i) INITIAL LIMITATION.—Not later  
7           than 1 year after the date of issuance of  
8           the regulations required under subsection  
9           (c)(1), a railroad freight car described in  
10          paragraph (1) may operate on the United  
11          States general railroad system of transpor-  
12          tation only if not more than 20 percent of  
13          the content of the railroad freight car, cal-  
14          culated by the net cost of all components  
15          of the car and excluding the cost of sen-  
16          sitive technology, originates from a country  
17          of concern or is sourced from a state-  
18          owned enterprise.

19          “(ii) SUBSEQUENT LIMITATION.—Ef-  
20          fective beginning on the date that is 3  
21          years after the date of issuance of the reg-  
22          ulations required under subsection (c)(1), a  
23          railroad freight car described in paragraph  
24          (1) may operate on the United States gen-  
25          eral railroad system of transportation only

1 if not more than 15 percent of the content  
2 of the railroad freight car, calculated by  
3 the net cost of all components of the car  
4 and excluding the cost of sensitive tech-  
5 nology, originates from a country of con-  
6 cern or is sourced from a state-owned en-  
7 terprise.

8 “(B) CONFLICT.—The percentages speci-  
9 fied in clauses (i) and (ii) of subparagraph (A),  
10 as applicable, shall apply notwithstanding any  
11 apparent conflict with provisions of chapter 4 of  
12 the USMCA.

13 “(c) REGULATIONS AND PENALTIES.—

14 “(1) REGULATIONS REQUIRED.—Not later than  
15 2 years after the date of enactment of the Passenger  
16 Rail Expansion and Rail Safety Act of 2021, the  
17 Secretary of Transportation shall issue such regula-  
18 tions as are necessary to carry out this section, in-  
19 cluding for the monitoring and sensitive technology  
20 requirements of this section.

21 “(2) CERTIFICATION REQUIRED.—To be eligible  
22 to provide a railroad freight car for operation on the  
23 United States general railroad system of transpor-  
24 tation, the manufacturer of such car shall annually  
25 certify to the Secretary of Transportation that any

1 railroad freight cars to be so provided meet the re-  
2 quirements under this section.

3 “(3) COMPLIANCE.—

4 “(A) VALID CERTIFICATION REQUIRED.—

5 At the time a railroad freight car begins oper-  
6 ation on the United States general railroad sys-  
7 tem of transportation, the manufacturer of such  
8 railroad freight car shall have valid certification  
9 described in paragraph (2) for the year in  
10 which such car begins operation.

11 “(B) REGISTRATION OF NONCOMPLIANT

12 CARS PROHIBITED.—A railroad freight car  
13 manufacturer may not register, or cause to be  
14 registered, a railroad freight car that does not  
15 comply with the requirements under this section  
16 in the Association of American Railroad’s  
17 Umler system.

18 “(4) CIVIL PENALTIES.—

19 “(A) IN GENERAL.—Pursuant to section

20 21301, the Secretary of Transportation may as-  
21 sess a civil penalty of not less than \$100,000,  
22 but not more than \$250,000, for each violation  
23 of this section for each railroad freight car.

24 “(B) PROHIBITION ON OPERATION FOR

25 VIOLATIONS.—The Secretary of Transportation



1           may prohibit a railroad freight car manufac-  
2           turer with respect to which the Secretary has  
3           assessed more than 3 violations under subpara-  
4           graph (A) from providing additional railroad  
5           freight cars for operation on the United States  
6           general railroad system of transportation until  
7           the Secretary determines—

8                   “(i) such manufacturer is in compli-  
9                   ance with this section; and

10                   “(ii) all civil penalties assessed to  
11                   such manufacturer pursuant to subpara-  
12                   graph (A) have been paid in full.”.

13           (b) CLERICAL AMENDMENT.—The analysis for chap-  
14   ter 201 of subtitle V of title 49, United States Code (as  
15   amended by section 7416(b)), is amended by adding at  
16   the end the following:

          “20171. Requirements for railroad freight cars placed into service in the United  
          States.”.

17   **SEC. 7426. RAILROAD POINT OF CONTACT FOR PUBLIC**  
18                   **SAFETY ISSUES.**

19           All railroads shall—

20                   (1) provide railroad contact information for  
21           public safety issues, including a telephone number,  
22           to the relevant Federal, State, and local oversight  
23           agencies; and

1           (2) post the information described in paragraph  
2           (1) on a publicly accessible website.

3 **SEC. 7427. CONTROLLED SUBSTANCES TESTING FOR ME-**  
4 **CHANICAL EMPLOYEES.**

5           Not later than 180 days after the date of enactment  
6 of this Act, the Secretary shall amend the regulations  
7 under part 219 of title 49, Code of Federal Regulations,  
8 to require all mechanical employees of railroads to be sub-  
9 ject to all of the breath or body fluid testing set forth in  
10 subpart C, D, and E of such part, including random test-  
11 ing, reasonable suspicion testing, reasonable cause testing,  
12 pre-employment testing, return-to-duty testing, and fol-  
13 low-up testing.

14 **TITLE VIII—MOTOR CARRIER**  
15 **SAFETY**

16 **SEC. 8001. AUTHORIZATION OF APPROPRIATIONS.**

17           (a) ADMINISTRATIVE EXPENSES.—Section 31110 of  
18 title 49, United States Code, is amended by striking sub-  
19 section (a) and inserting the following:

20           “(a) ADMINISTRATIVE EXPENSES.—There are au-  
21 thorized to be appropriated from the Highway Trust Fund  
22 (other than the Mass Transit Account) for the Secretary  
23 of Transportation to pay administrative expenses of the  
24 Federal Motor Carrier Safety Administration—

25           “(1) \$360,000,000 for fiscal year 2022;

1 “(2) \$367,500,000 for fiscal year 2023;

2 “(3) \$375,000,000 for fiscal year 2024;

3 “(4) \$382,500,000 for fiscal year 2025; and

4 “(5) \$390,000,000 for fiscal year 2026.”.

5 (b) FINANCIAL ASSISTANCE PROGRAMS.—Section  
6 31104 of title 49, United States Code, is amended—

7 (1) by striking subsection (a) and inserting the  
8 following:

9 “(a) FINANCIAL ASSISTANCE PROGRAMS.—There are  
10 authorized to be appropriated from the Highway Trust  
11 Fund (other than the Mass Transit Account)—

12 “(1) subject to subsection (c), to carry out the  
13 motor carrier safety assistance program under sec-  
14 tion 31102 (other than the high priority program  
15 under subsection (l) of that section)—

16 “(A) \$390,500,000 for fiscal year 2022;

17 “(B) \$398,500,000 for fiscal year 2023;

18 “(C) \$406,500,000 for fiscal year 2024;

19 “(D) \$414,500,000 for fiscal year 2025;

20 and

21 “(E) \$422,500,000 for fiscal year 2026;

22 “(2) subject to subsection (c), to carry out the  
23 high priority program under section 31102(l) (other  
24 than the commercial motor vehicle enforcement

1 training and support grant program under para-  
2 graph (5) of that section)—

3 “(A) \$57,600,000 for fiscal year 2022;

4 “(B) \$58,800,000 for fiscal year 2023;

5 “(C) \$60,000,000 for fiscal year 2024;

6 “(D) \$61,200,000 for fiscal year 2025;

7 and

8 “(E) \$62,400,000 for fiscal year 2026;

9 “(3) to carry out the commercial motor vehicle  
10 enforcement training and support grant program  
11 under section 31102(1)(5), \$5,000,000 for each of  
12 fiscal years 2022 through 2026;

13 “(4) to carry out the commercial motor vehicle  
14 operators grant program under section 31103—

15 “(A) \$1,100,000 for fiscal year 2022;

16 “(B) \$1,200,000 for fiscal year 2023;

17 “(C) \$1,300,000 for fiscal year 2024;

18 “(D) \$1,400,000 for fiscal year 2025; and

19 “(E) \$1,500,000 for fiscal year 2026; and

20 “(5) subject to subsection (c), to carry out the  
21 financial assistance program for commercial driver’s  
22 license implementation under section 31313—

23 “(A) \$41,800,000 for fiscal year 2022;

24 “(B) \$42,650,000 for fiscal year 2023;

25 “(C) \$43,500,000 for fiscal year 2024;

1 “(D) \$44,350,000 for fiscal year 2025;

2 and

3 “(E) \$45,200,000 for fiscal year 2026.”;

4 (2) in subsection (b)(2)—

5 (A) in the third sentence, by striking “The  
6 Secretary” and inserting the following:

7 “(C) IN-KIND CONTRIBUTIONS.—The Sec-  
8 retary”;

9 (B) in the second sentence, by striking  
10 “The Secretary” and inserting the following:

11 “(B) LIMITATION.—The Secretary”;

12 (C) in the first sentence—

13 (i) by inserting “(except subsection  
14 (l)(5) of that section)” after “section  
15 31102”; and

16 (ii) by striking “The Secretary” and  
17 inserting the following:

18 “(A) REIMBURSEMENT PERCENTAGE.—

19 “(i) IN GENERAL.—The Secretary”;

20 and

21 (D) in subparagraph (A) (as so des-  
22 ignated), by adding at the end the following:

23 “(ii) COMMERCIAL MOTOR VEHICLE  
24 ENFORCEMENT TRAINING AND SUPPORT  
25 GRANT PROGRAM.—The Secretary shall re-

1 imburse a recipient, in accordance with a  
2 financial assistance agreement made under  
3 section 31102(l)(5), an amount that is  
4 equal to 100 percent of the costs incurred  
5 by the recipient in a fiscal year in devel-  
6 oping and implementing a training pro-  
7 gram under that section.”;

8 (3) in subsection (c)—

9 (A) in the subsection heading, by striking  
10 “PARTNER TRAINING AND”;

11 (B) in the first sentence—

12 (i) by striking “(4)” and inserting  
13 “(5)”; and

14 (ii) by striking “partner training  
15 and”; and

16 (C) by striking the second sentence; and

17 (4) in subsection (f)—

18 (A) in paragraph (1), by striking “for the  
19 next fiscal year” and inserting “for the next 2  
20 fiscal years”;

21 (B) in paragraph (4), by striking “for the  
22 next fiscal year” and inserting “for the next 2  
23 fiscal years”;

24 (C) by redesignating paragraphs (4) and  
25 (5) as paragraphs (5) and (6), respectively; and

1 (D) by inserting after paragraph (3) the  
2 following:

3 “(4) For grants made for carrying out section  
4 31102(l)(5), for the fiscal year in which the Sec-  
5 retary approves the financial assistance agreement  
6 and for the next 4 fiscal years.”; and

7 (5) in subsection (i)—

8 (A) by striking “Amounts not expended”  
9 and inserting the following:

10 “(1) IN GENERAL.—Except as provided in para-  
11 graph (2), amounts not expended”; and

12 (B) by adding at the end the following:

13 “(2) MOTOR CARRIER SAFETY ASSISTANCE PRO-  
14 GRAM.—Amounts made available for the motor car-  
15 rier safety assistance program established under sec-  
16 tion 31102 (other than amounts made available to  
17 carry out section 31102(l)) that are not expended by  
18 a recipient during the period of availability shall be  
19 released back to the Secretary for reallocation under  
20 that program.”.

21 (c) ENFORCEMENT DATA UPDATES.—Section  
22 31102(h)(2)(A) of title 49, United States Code, is amend-  
23 ed by striking “2004 and 2005” and inserting “2014 and  
24 2015”.

1 **SEC. 8002. MOTOR CARRIER SAFETY ADVISORY COM-**  
2 **MITTEE.**

3 Section 4144 of the SAFETEA-LU (49 U.S.C.  
4 31100 note; Public Law 109–59) is amended—

5 (1) in subsection (b)(1), in the second sentence,  
6 by inserting “, including small business motor car-  
7 riers” after “industry”; and

8 (2) in subsection (d), by striking “September  
9 30, 2013” and inserting “September 30, 2025”.

10 **SEC. 8003. COMBATING HUMAN TRAFFICKING.**

11 Section 31102(l) of title 49, United States Code, is  
12 amended—

13 (1) in paragraph (2)—

14 (A) in subparagraph (G)(ii), by striking  
15 “and” at the end;

16 (B) by redesignating subparagraph (H) as  
17 subparagraph (J); and

18 (C) by inserting after subparagraph (G)  
19 the following:

20 “(H) support, through the use of funds  
21 otherwise available for such purposes—

22 “(i) the recognition, prevention, and  
23 reporting of human trafficking, including  
24 the trafficking of human beings—

25 “(I) in a commercial motor vehi-  
26 cle; or



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1                   “(II) by any occupant, including  
2                   the operator, of a commercial motor  
3                   vehicle;

4                   “(ii) the detection of criminal activity  
5                   or any other violation of law relating to  
6                   human trafficking; and

7                   “(iii) enforcement of laws relating to  
8                   human trafficking;

9                   “(I) otherwise support the recognition, pre-  
10                  vention, and reporting of human trafficking;  
11                  and”;

12                  (2) in paragraph (3)(D)—

13                   (A) in clause (ii), by striking “and” at the  
14                   end;

15                   (B) in clause (iii), by striking the period at  
16                   the end and inserting a semicolon; and

17                   (C) by adding at the end the following:

18                   “(iv) for the detection of, and enforce-  
19                   ment actions taken as a result of, criminal  
20                   activity (including the trafficking of human  
21                   beings)—

22                   “(I) in a commercial motor vehi-  
23                   cle; or

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1                   “(II) by any occupant, including  
2                   the operator, of a commercial motor  
3                   vehicle; and

4                   “(v) in addition to any funds other-  
5                   wise made available for the recognition,  
6                   prevention, and reporting of human traf-  
7                   ficking, to support the recognition, preven-  
8                   tion, and reporting of human trafficking.”.

9 **SEC. 8004. IMMOBILIZATION GRANT PROGRAM.**

10           Section 31102(l) of title 49, United States Code, is  
11 amended by adding at the end the following:

12                   “(4) IMMOBILIZATION GRANT PROGRAM.—

13                   “(A) DEFINITION OF PASSENGER-CAR-  
14                   RYING COMMERCIAL MOTOR VEHICLE.—In this  
15                   paragraph, the term ‘passenger-carrying com-  
16                   mercial motor vehicle’ has the meaning given  
17                   the term ‘commercial motor vehicle’ in section  
18                   31301.

19                   “(B) ESTABLISHMENT.—The Secretary  
20                   shall establish an immobilization grant program  
21                   under which the Secretary shall provide to  
22                   States discretionary grants for the immobiliza-  
23                   tion or impoundment of passenger-carrying  
24                   commercial motor vehicles that—

25                   “(i) are determined to be unsafe; or

1 “(ii) fail inspection.

2 “(C) LIST OF CRITERIA FOR IMMOBILIZA-  
3 TION.—The Secretary, in consultation with  
4 State commercial motor vehicle entities, shall  
5 develop a list of commercial motor vehicle safety  
6 violations and defects that the Secretary deter-  
7 mines warrant the immediate immobilization of  
8 a passenger-carrying commercial motor vehicle.

9 “(D) ELIGIBILITY.—A State shall be eligi-  
10 ble to receive a grant under this paragraph only  
11 if the State has the authority to require the im-  
12 mobilization or impoundment of a passenger-  
13 carrying commercial motor vehicle—

14 “(i) with respect to which a motor ve-  
15 hicle safety violation included in the list  
16 developed under subparagraph (C) is deter-  
17 mined to exist; or

18 “(ii) that is determined to have a de-  
19 fect included in that list.

20 “(E) USE OF FUNDS.—A grant provided  
21 under this paragraph may be used for—

22 “(i) the immobilization or impound-  
23 ment of passenger-carrying commercial  
24 motor vehicles described in subparagraph  
25 (D);

1 “(ii) safety inspections of those pas-  
2 senger-carrying commercial motor vehicles;  
3 and

4 “(iii) any other activity relating to an  
5 activity described in clause (i) or (ii), as  
6 determined by the Secretary.

7 “(F) SECRETARY AUTHORIZATION.—The  
8 Secretary may provide to a State amounts for  
9 the costs associated with carrying out an immo-  
10 bilization program using funds made available  
11 under section 31104(a)(2).”.

12 **SEC. 8005. COMMERCIAL MOTOR VEHICLE ENFORCEMENT**  
13 **TRAINING AND SUPPORT.**

14 Section 31102(l) of title 49, United States Code (as  
15 amended by section 8004), is amended—

16 (1) in paragraph (1), by striking “(2) and (3)”  
17 and inserting “(2) through (5)”; and

18 (2) by adding at the end the following:

19 “(5) COMMERCIAL MOTOR VEHICLE ENFORCE-  
20 MENT TRAINING AND SUPPORT GRANT PROGRAM.—

21 “(A) IN GENERAL.—The Secretary shall  
22 administer a commercial motor vehicle enforce-  
23 ment training and support grant program fund-  
24 ed under section 31104(a)(3), under which the  
25 Secretary shall make discretionary grants to eli-

1           gible entities described in subparagraph (C) for  
2           the purposes described in subparagraph (B).

3           “(B) PURPOSES.—The purposes of the  
4           grant program under subparagraph (A) are—

5                   “(i) to train non-Federal employees  
6                   who conduct commercial motor vehicle en-  
7                   forcement activities; and

8                   “(ii) to develop related training mate-  
9                   rials.

10           “(C) ELIGIBLE ENTITIES.—An entity eligi-  
11           ble for a discretionary grant under the program  
12           described in subparagraph (A) is a nonprofit  
13           organization that has—

14                   “(i) expertise in conducting a training  
15                   program for non-Federal employees; and

16                   “(ii) the ability to reach and involve in  
17                   a training program a target population of  
18                   commercial motor vehicle safety enforce-  
19                   ment employees.”.

20 **SEC. 8006. STUDY OF COMMERCIAL MOTOR VEHICLE**  
21 **CRASH CAUSATION.**

22           (a) DEFINITIONS.—In this section:

23                   (1) COMMERCIAL MOTOR VEHICLE.—The term  
24           “commercial motor vehicle” has the meaning given

1 the term in section 31132 of title 49, United States  
2 Code.

3 (2) STUDY.—The term “study” means the  
4 study carried out under subsection (b).

5 (b) STUDY.—The Secretary shall carry out a com-  
6 prehensive study—

7 (1) to determine the causes of, and contributing  
8 factors to, crashes that involve a commercial motor  
9 vehicle; and

10 (2) to identify data requirements, data collec-  
11 tion procedures, reports, and any other measures  
12 that can be used to improve the ability of States and  
13 the Secretary—

14 (A) to evaluate future crashes involving  
15 commercial motor vehicles;

16 (B) to monitor crash trends and identify  
17 causes and contributing factors; and

18 (C) to develop effective safety improvement  
19 policies and programs.

20 (c) DESIGN.—The study shall be designed to yield in-  
21 formation that can be used to help policy makers, regu-  
22 lators, and law enforcement identify activities and other  
23 measures that are likely to lead to reductions in—

24 (1) the frequency of crashes involving a com-  
25 mercial motor vehicle;

1           (2) the severity of crashes involving a commer-  
2           cial motor vehicle; and

3           (3) fatalities and injuries.

4           (d) CONSULTATION.—In designing and carrying out  
5 the study, the Secretary may consult with individuals or  
6 entities with expertise on—

7           (1) crash causation and prevention;

8           (2) commercial motor vehicles, commercial driv-  
9           ers, and motor carriers, including passenger carriers;

10           (3) highways and noncommercial motor vehicles  
11           and drivers;

12           (4) Federal and State highway and motor car-  
13           rier safety programs;

14           (5) research methods and statistical analysis;  
15           and

16           (6) other relevant topics, as determined by the  
17           Secretary.

18           (e) PUBLIC COMMENT.—The Secretary shall make  
19 available for public comment information about the objec-  
20 tives, methodology, implementation, findings, and other  
21 aspects of the study.

22           (f) REPORTS.—As soon as practicable after the date  
23 on which the study is completed, the Secretary shall sub-  
24 mit to Congress a report describing the results of the  
25 study and any legislative recommendations to facilitate re-

1 ductions in the matters described in paragraphs (1)  
2 through (3) of subsection (c).

3 **SEC. 8007. PROMOTING WOMEN IN THE TRUCKING WORK-**  
4 **FORCE.**

5 (a) FINDINGS.—Congress finds that—

6 (1) women make up 47 percent of the work-  
7 force of the United States;

8 (2) women are significantly underrepresented in  
9 the trucking industry, holding only 24 percent of all  
10 transportation and warehousing jobs and rep-  
11 resenting only—

12 (A) 6.6 percent of truck drivers;

13 (B) 12.5 percent of all workers in truck  
14 transportation; and

15 (C) 8 percent of freight firm owners;

16 (3) given the total number of women truck driv-  
17 ers, women are underrepresented in the truck-driv-  
18 ing workforce; and

19 (4) women truck drivers have been shown to be  
20 20 percent less likely than male counterparts to be  
21 involved in a crash.

22 (b) SENSE OF CONGRESS REGARDING WOMEN IN  
23 TRUCKING.—It is the sense of Congress that the trucking  
24 industry should explore every opportunity to encourage  
25 and support the pursuit and retention of careers in truck-



1 ing by women, including through programs that support  
2 recruitment, driver training, and mentorship.

3 (c) DEFINITIONS.—In this section:

4 (1) ADMINISTRATOR.—The term “Adminis-  
5 trator” means the Administrator of the Federal  
6 Motor Carrier Safety Administration.

7 (2) BOARD.—The term “Board” means the  
8 Women of Trucking Advisory Board established  
9 under subsection (d)(1).

10 (3) LARGE TRUCKING COMPANY.—The term  
11 “large trucking company” means a motor carrier (as  
12 defined in section 13102 of title 49, United States  
13 Code) with more than 100 power units.

14 (4) MID-SIZED TRUCKING COMPANY.—The term  
15 “mid-sized trucking company” means a motor car-  
16 rier (as defined in section 13102 of title 49, United  
17 States Code) with not fewer than 11 power units  
18 and not more than 100 power units.

19 (5) POWER UNIT.—The term “power unit”  
20 means a self-propelled vehicle under the jurisdiction  
21 of the Federal Motor Carrier Safety Administration.

22 (6) SMALL TRUCKING COMPANY.—The term  
23 “small trucking company” means a motor carrier  
24 (as defined in section 13102 of title 49, United

1 States Code) with not fewer than 1 power unit and  
2 not more than 10 power units.

3 (d) WOMEN OF TRUCKING ADVISORY BOARD.—

4 (1) ESTABLISHMENT.—To encourage women to  
5 enter the field of trucking, the Administrator shall  
6 establish and facilitate an advisory board, to be  
7 known as the “Women of Trucking Advisory  
8 Board”, to review and report on policies that—

9 (A) provide education, training,  
10 mentorship, or outreach to women in the truck-  
11 ing industry; and

12 (B) recruit, retain, or advance women in  
13 the trucking industry.

14 (2) MEMBERSHIP.—

15 (A) IN GENERAL.—The Board shall be  
16 composed of not fewer than 8 members whose  
17 backgrounds, experience, and certifications  
18 allow those members to contribute balanced  
19 points of view and diverse ideas regarding the  
20 matters described in paragraph (3)(B).

21 (B) APPOINTMENT.—

22 (i) IN GENERAL.—Not later than 270  
23 days after the date of enactment of this  
24 Act, the Administrator shall appoint the  
25 members of the Board, of whom—

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1 (I) not fewer than 1 shall be a  
2 representative of large trucking com-  
3 panies;

4 (II) not fewer than 1 shall be a  
5 representative of mid-sized trucking  
6 companies;

7 (III) not fewer than 1 shall be a  
8 representative of small trucking com-  
9 panies;

10 (IV) not fewer than 1 shall be a  
11 representative of nonprofit organiza-  
12 tions in the trucking industry;

13 (V) not fewer than 1 shall be a  
14 representative of trucking business as-  
15 sociations;

16 (VI) not fewer than 1 shall be a  
17 representative of independent owner-  
18 operators;

19 (VII) not fewer than 1 shall be a  
20 woman who is a professional truck  
21 driver; and

22 (VIII) not fewer than 1 shall be  
23 a representative of an institution of  
24 higher education or trucking trade  
25 school.

1                   (ii) DIVERSITY.—A member of the  
2                   Board appointed under any of subclauses  
3                   (I) through (VIII) of clause (i) may not be  
4                   appointed under any other subclause of  
5                   that clause.

6                   (C) TERMS.—Each member shall be ap-  
7                   pointed for the life of the Board.

8                   (D) COMPENSATION.—A member of the  
9                   Board shall serve without compensation.

10                  (3) DUTIES.—

11                   (A) IN GENERAL.—The Board shall iden-  
12                   tify—

13                   (i) barriers and industry trends that  
14                   directly or indirectly discourage women  
15                   from pursuing and retaining careers in  
16                   trucking, including—

17                   (I) any particular barriers and  
18                   trends that impact women minority  
19                   groups;

20                   (II) any particular barriers and  
21                   trends that impact women who live in  
22                   rural, suburban, or urban areas; and

23                   (III) any safety risks unique to  
24                   women in the trucking industry;

1 (ii) ways in which the functions of  
2 trucking companies, nonprofit organiza-  
3 tions, training and education providers,  
4 and trucking associations may be coordi-  
5 nated to facilitate support for women pur-  
6 suing careers in trucking;

7 (iii) opportunities to expand existing  
8 opportunities for women in the trucking in-  
9 dustry; and

10 (iv) opportunities to enhance trucking  
11 training, mentorship, education, and ad-  
12 vancement and outreach programs that  
13 would increase the number of women in  
14 the trucking industry.

15 (B) REPORT.—Not later than 2 years after  
16 the date of enactment of this Act, the Board  
17 shall submit to the Administrator a report con-  
18 taining the findings and recommendations of  
19 the Board, including recommendations that  
20 companies, associations, institutions, other or-  
21 ganizations, or the Administrator may adopt—

22 (i) to address any industry trends  
23 identified under subparagraph (A)(i);

24 (ii) to coordinate the functions of  
25 trucking companies, nonprofit organiza-

1 tions, and trucking associations in a man-  
2 ner that facilitates support for women pur-  
3 suing careers in trucking;

4 (iii)(I) to take advantage of any op-  
5 portunities identified under subparagraph  
6 (A)(iii); and

7 (II) to create new opportunities to ex-  
8 pand existing scholarship opportunities for  
9 women in the trucking industry; and

10 (iv) to enhance trucking training,  
11 mentorship, education, and outreach pro-  
12 grams that are exclusive to women.

13 (4) REPORT TO CONGRESS.—

14 (A) IN GENERAL.—Not later than 3 years  
15 after the date of enactment of this Act, the Ad-  
16 ministrator shall submit to the Committee on  
17 Commerce, Science, and Transportation of the  
18 Senate and the Committee on Transportation  
19 and Infrastructure of the House of Representa-  
20 tives a report describing—

21 (i) the findings and recommendations  
22 of the Board under paragraph (3)(B); and

23 (ii) any actions taken by the Adminis-  
24 trator to adopt the recommendations of the

1 Board (or an explanation of the reasons  
2 for not adopting the recommendations).

3 (B) PUBLIC AVAILABILITY.—The Adminis-  
4 trator shall make the report under subpara-  
5 graph (A) publicly available—

6 (i) on the website of the Federal  
7 Motor Carrier Safety Administration; and

8 (ii) in appropriate offices of the Fed-  
9 eral Motor Carrier Safety Administration.

10 (5) TERMINATION.—The Board shall terminate  
11 on submission of the report to Congress under para-  
12 graph (4).

13 **SEC. 8008. STATE INSPECTION OF PASSENGER-CARRYING**  
14 **COMMERCIAL MOTOR VEHICLES.**

15 (a) IN GENERAL.—Not later than 1 year after the  
16 date of enactment of this Act, the Secretary shall solicit  
17 additional comment on the advance notice of proposed  
18 rulemaking entitled “State Inspection Programs for Pas-  
19 senger-Carrier Vehicles” (81 Fed. Reg. 24769 (April 27,  
20 2016)).

21 (b) FINAL RULE.—

22 (1) IN GENERAL.—After reviewing all com-  
23 ments received in response to the solicitation under  
24 subsection (a), if the Secretary determines that data  
25 and information exist to support moving forward

1 with a final rulemaking action, the Secretary shall  
2 issue a final rule relating to the advance notice of  
3 proposed rulemaking described in that subsection.

4 (2) CONSIDERATIONS.—In determining whether  
5 to issue a final rule under paragraph (1), the Sec-  
6 retary shall consider the impact of continuing to  
7 allow self-inspection as a means to satisfy periodic  
8 inspection requirements on the safety of passenger  
9 carrier operations.

10 **SEC. 8009. TRUCK LEASING TASK FORCE.**

11 (a) ESTABLISHMENT.—Not later than 180 days after  
12 the date of enactment of this Act, the Secretary, in con-  
13 sultation with the Secretary of Labor, shall establish a  
14 task force, to be known as the “Truck Leasing Task  
15 Force” (referred to in this section as the “Task Force”).

16 (b) MEMBERSHIP.—

17 (1) IN GENERAL.—The Secretary shall select  
18 not more than 10 individuals to serve as members  
19 of the Task Force, including at least 1 representa-  
20 tive from each of the following:

21 (A) Labor organizations.

22 (B) Motor carriers that provide lease-pur-  
23 chase agreements to owner-operators.

24 (C) Consumer protection groups.



1 (D) Members of the legal profession who  
2 specialize in consumer finance issues, including  
3 experience with lease-purchase agreements.

4 (E) Owner-operators in the trucking indus-  
5 try with experience regarding lease-purchase  
6 agreements.

7 (F) Businesses that provide or are subject  
8 to lease-purchase agreements in the trucking in-  
9 dustry.

10 (2) COMPENSATION.—A member of the Task  
11 Force shall serve without compensation.

12 (c) DUTIES.—The Task Force shall examine, at a  
13 minimum—

14 (1) common truck leasing arrangements avail-  
15 able to commercial motor vehicle drivers, including  
16 lease-purchase agreements;

17 (2) the terms of the leasing agreements de-  
18 scribed in paragraph (1);

19 (3)(A) the existence of inequitable leasing  
20 agreements and terms in the motor carrier industry;

21 (B) whether any such inequitable terms and  
22 agreements affect the frequency of maintenance per-  
23 formed on vehicles subject to those agreements; and

1 (C) whether any such inequitable terms and  
2 agreements affect whether a vehicle is kept in a gen-  
3 eral state of good repair;

4 (4) specific agreements available to drayage  
5 drivers at ports relating to the Clean Truck Pro-  
6 gram or any similar program to decrease emissions  
7 from port operations;

8 (5) the impact of truck leasing agreements on  
9 the net compensation of commercial motor vehicle  
10 drivers, including port drayage drivers;

11 (6) whether truck leasing agreements properly  
12 incentivize the safe operation of vehicles, including  
13 driver compliance with the hours of service regula-  
14 tions and laws governing speed and safety generally;

15 (7) resources to assist commercial motor vehicle  
16 drivers in assessing the financial impacts of leasing  
17 agreements; and

18 (8)(A) the opportunity that equitable leasing  
19 agreements provide for drivers to start or expand  
20 trucking companies; and

21 (B) the history of motor carriers starting from  
22 single owner-operators.

23 (d) REPORT.—On completion of the examination  
24 under subsection (c), the Task Force shall submit to the

1 Secretary, the Secretary of Labor, and the appropriate  
2 committees of Congress a report containing—

3 (1) the findings of the Task Force with respect  
4 to the matters described in subsection (c);

5 (2) best practices relating to—

6 (A) assisting a commercial motor vehicle  
7 driver in assessing the impacts of leasing agree-  
8 ments prior to entering into such an agreement;

9 (B) assisting a commercial motor vehicle  
10 driver who has entered into a predatory lease  
11 agreement; and

12 (C) preventing coercion and impacts on  
13 safety as described in section 31136 of title 49,  
14 United States Code; and

15 (3) recommendations relating to changes to  
16 laws (including regulations), as applicable, at the  
17 Federal, State, or local level to promote fair leasing  
18 agreements under which a commercial motor vehicle  
19 driver, including a short haul driver, who is a party  
20 to such an agreement is able to earn a rate commen-  
21 surate with other commercial motor vehicle drivers  
22 performing similar duties.

23 (e) TERMINATION.—Not later than 30 days after the  
24 date on which the report under subsection (d) is sub-  
25 mitted, the Task Force shall terminate.

1 **SEC. 8010. AUTOMATIC EMERGENCY BRAKING.**

2 (a) DEFINITIONS.—In this section:

3 (1) AUTOMATIC EMERGENCY BRAKING SYS-  
4 TEM.—The term “automatic emergency braking sys-  
5 tem” means a system on a commercial motor vehicle  
6 that, based on a predefined distance and closing rate  
7 with respect to an obstacle in the path of the com-  
8 mercial motor vehicle—

9 (A) alerts the driver of the obstacle; and

10 (B) if necessary to avoid or mitigate a col-  
11 lision with the obstacle, automatically applies  
12 the brakes of the commercial motor vehicle.

13 (2) COMMERCIAL MOTOR VEHICLE.—The term  
14 “commercial motor vehicle” has the meaning given  
15 the term in section 31101 of title 49, United States  
16 Code.

17 (b) FEDERAL MOTOR VEHICLE SAFETY STAND-  
18 ARD.—

19 (1) IN GENERAL.—Not later than 2 years after  
20 the date of enactment of this Act, the Secretary  
21 shall—

22 (A) prescribe a motor vehicle safety stand-  
23 ard under section 30111 of title 49, United  
24 States Code, that requires any commercial  
25 motor vehicle subject to section 571.136 of title  
26 49, Code of Federal Regulations (relating to

1 Federal Motor Vehicle Safety Standard Number  
2 136) (or a successor regulation) that is manu-  
3 factured after the effective date of the standard  
4 prescribed under this subparagraph to be  
5 equipped with an automatic emergency braking  
6 system; and

7 (B) as part of the standard under subpara-  
8 graph (A), establish performance requirements  
9 for automatic emergency braking systems.

10 (2) CONSIDERATIONS.—Prior to prescribing the  
11 motor vehicle safety standard under paragraph  
12 (1)(A), the Secretary shall—

13 (A) conduct a review of automatic emer-  
14 gency braking systems in use in applicable com-  
15 mercial motor vehicles and address any identi-  
16 fied deficiencies with respect to those automatic  
17 emergency braking systems in the rulemaking  
18 proceeding to prescribe the standard, if prac-  
19 ticable; and

20 (B) consult with representatives of com-  
21 mercial motor vehicle drivers regarding the ex-  
22 periences of drivers with automatic emergency  
23 braking systems in use in applicable commercial  
24 motor vehicles, including any malfunctions or

1           unwarranted activations of those automatic  
2           emergency braking systems.

3           (c) FEDERAL MOTOR CARRIER SAFETY REGULA-  
4 TION.—Not later than 1 year after the date of enactment  
5 of this Act, the Secretary shall prescribe a regulation  
6 under section 31136 of title 49, United States Code, that  
7 requires that an automatic emergency braking system in-  
8 stalled in a commercial motor vehicle manufactured after  
9 the effective date of the standard prescribed under sub-  
10 section (b)(1)(A) that is in operation on or after that date  
11 and is subject to section 571.136 of title 49, Code of Fed-  
12 eral Regulations (relating to Federal Motor Vehicle Safety  
13 Standard Number 136) (or a successor regulation) be  
14 used at any time during which the commercial motor vehi-  
15 cle is in operation.

16           (d) REPORT ON AUTOMATIC EMERGENCY BRAKING  
17 IN OTHER COMMERCIAL MOTOR VEHICLES.—

18           (1) STUDY.—Not later than 2 years after the  
19 date of enactment of this Act, the Secretary shall  
20 complete a study on equipping a variety of commer-  
21 cial motor vehicles not subject to section 571.136 of  
22 title 49, Code of Federal Regulations (relating to  
23 Federal Motor Vehicle Safety Standard Number  
24 136) (or a successor regulation) as of that date of  
25 enactment with automatic emergency braking sys-

1       tems to avoid or mitigate a collision with an obstacle  
2       in the path of the commercial motor vehicle, includ-  
3       ing an assessment of the feasibility, benefits, and  
4       costs associated with installing automatic emergency  
5       braking systems on a variety of newly manufactured  
6       commercial motor vehicles with a gross vehicle  
7       weight rating greater than 10,001 pounds.

8               (2) INDEPENDENT RESEARCH.—If the Sec-  
9       retary enters into a contract with a third party to  
10      perform research relating to the study required  
11      under paragraph (1), the Secretary shall ensure that  
12      the third party does not have any financial or con-  
13      tractual ties to, or relationships with—

14                   (A) a motor carrier that transports pas-  
15                   sengers or property for compensation;

16                   (B) the motor carrier industry; or

17                   (C) an entity producing or supplying auto-  
18                   matic emergency braking systems.

19               (3) PUBLIC COMMENT.—Not later than 90 days  
20      after the date on which the study under paragraph  
21      (1) is completed, the Secretary shall—

22                   (A) issue a notice in the Federal Register  
23                   containing the findings of the study; and

24                   (B) provide an opportunity for public com-  
25                   ment.

1           (4) REPORT TO CONGRESS.—Not later than 90  
2 days after the conclusion of the public comment pe-  
3 riod under paragraph (3)(B), the Secretary shall  
4 submit to the Committee on Commerce, Science, and  
5 Transportation of the Senate and the Committees on  
6 Transportation and Infrastructure and Energy and  
7 Commerce of the House of Representatives a report  
8 that includes—

9           (A) the results of the study under para-  
10 graph (1);

11           (B) a summary of any comments received  
12 under paragraph (3)(B); and

13           (C) a determination as to whether the Sec-  
14 retary intends to develop performance require-  
15 ments for automatic emergency braking systems  
16 for applicable commercial motor vehicles, in-  
17 cluding any analysis that led to that determina-  
18 tion.

19           (5) RULEMAKING.—Not later than 2 years after  
20 the date on which the study under paragraph (1) is  
21 completed, the Secretary shall—

22           (A) determine whether a motor vehicle  
23 safety standard relating to equipping the com-  
24 mercial motor vehicles described in that para-  
25 graph with automatic emergency braking sys-



1           tems would meet the requirements and consid-  
2           erations described in subsections (a) and (b) of  
3           section 30111 of title 49, United States Code;  
4           and

5                   (B) if the Secretary determines that a  
6           motor vehicle safety standard described in sub-  
7           paragraph (A) would meet the requirements  
8           and considerations described in that subpara-  
9           graph, initiate a rulemaking to prescribe such a  
10          motor vehicle safety standard.

11 **SEC. 8011. UNDERRIDE PROTECTION.**

12          (a) DEFINITIONS.—In this section:

13               (1) COMMITTEE.—The term “Committee”  
14          means the Advisory Committee on Underride Protec-  
15          tion established under subsection (d)(1).

16               (2) MOTOR CARRIER.—The term “motor car-  
17          rier” has the meaning given the term in section  
18          13102 of title 49, United States Code.

19               (3) PASSENGER MOTOR VEHICLE.—The term  
20          “passenger motor vehicle” has the meaning given  
21          the term in section 32101 of title 49, United States  
22          Code.

23               (4) UNDERRIDE CRASH.—The term “underride  
24          crash” means a crash in which a trailer or

1       semitrailer intrudes into the passenger compartment  
2       of a passenger motor vehicle.

3       (b) REAR UNDERRIDE GUARDS.—

4             (1) TRAILERS AND SEMITRAILERS.—

5                     (A) IN GENERAL.—Not later than 1 year  
6             after the date of enactment of this Act, the Sec-  
7             retary shall promulgate such regulations as are  
8             necessary to revise sections 571.223 and  
9             571.224 of title 49, Code of Federal Regula-  
10            tions (relating to Federal Motor Vehicle Safety  
11            Standard Numbers 223 and 224, respectively),  
12            to require trailers and semitrailers manufac-  
13            tured after the date on which those regulations  
14            are promulgated to be equipped with rear im-  
15            pact guards that are designed to prevent pas-  
16            senger compartment intrusion from a trailer or  
17            semitrailer when a passenger motor vehicle  
18            traveling at 35 miles per hour makes—

19                    (i) an impact in which the passenger  
20                    motor vehicle impacts the center of the  
21                    rear of the trailer or semitrailer;

22                    (ii) an impact in which 50 percent of  
23                    the width of the passenger motor vehicle  
24                    overlaps the rear of the trailer or  
25                    semitrailer; and

1 (iii) an impact in which 30 percent of  
2 the width of the passenger motor vehicle  
3 overlaps the rear of the trailer or  
4 semitrailer, if the Secretary determines  
5 that a revision of sections 571.223 and  
6 571.224 of title 49, Code of Federal Regu-  
7 lations (relating to Federal Motor Vehicle  
8 Safety Standard Numbers 223 and 224,  
9 respectively) to address such an impact  
10 would meet the requirements and consider-  
11 ations described in subsections (a) and (b)  
12 of section 30111 of title 49, United States  
13 Code.

14 (B) EFFECTIVE DATE.—The regulations  
15 promulgated under subparagraph (A) shall re-  
16 quire full compliance with each Federal Motor  
17 Vehicle Safety Standard revised pursuant to  
18 those regulations not later than 2 years after  
19 the date on which those regulations are promul-  
20 gated.

21 (2) ADDITIONAL RESEARCH.—The Secretary  
22 shall conduct additional research on the design and  
23 development of rear impact guards that can—

1 (A) prevent underride crashes in cases in  
2 which the passenger motor vehicle is traveling  
3 at speeds of up to 65 miles per hour; and

4 (B) protect passengers in passenger motor  
5 vehicles against severe injury in crashes in  
6 which the passenger motor vehicle is traveling  
7 at speeds of up to 65 miles per hour.

8 (3) REVIEW OF STANDARDS.—Not later than 5  
9 years after the date on which the regulations under  
10 paragraph (1)(A) are promulgated, the Secretary  
11 shall—

12 (A) review the Federal Motor Vehicle Safe-  
13 ty Standards revised pursuant to those regula-  
14 tions and any other requirements of those regu-  
15 lations relating to rear underride guards on  
16 trailers or semitrailers to evaluate the need for  
17 changes in response to advancements in tech-  
18 nology; and

19 (B) update those Federal Motor Vehicle  
20 Safety Standards and those regulations accord-  
21 ingly.

22 (4) INSPECTIONS.—

23 (A) IN GENERAL.—Not later than 1 year  
24 after the date of enactment of this Act, the Sec-  
25 retary shall promulgate such regulations as are

1 necessary to revise the regulations relating to  
2 minimum periodic inspection standards under  
3 appendix G to subchapter B of chapter III of  
4 title 49, Code of Federal Regulations, and the  
5 regulations relating to driver vehicle inspection  
6 reports under section 396.11 of that title to in-  
7 clude requirements relating to rear impact  
8 guards and rear end protection that are con-  
9 sistent with the requirements described in sec-  
10 tion 393.86 of that title.

11 (B) CONSIDERATIONS.—In revising the  
12 regulations described in subparagraph (A), the  
13 Secretary shall consider it to be a defect or a  
14 deficiency if a rear impact guard is missing an,  
15 or has a corroded or compromised, element that  
16 affects the structural integrity and protective  
17 feature of the rear impact guard.

18 (c) SIDE UNDERRIDE GUARDS.—

19 (1) IN GENERAL.—Not later than 1 year after  
20 the date of enactment of this Act, the Secretary  
21 shall—

22 (A) complete additional research on side  
23 underride guards to better understand the over-  
24 all effectiveness of side underride guards;

1 (B) assess the feasibility, benefits, and  
2 costs of, and any impacts on intermodal equip-  
3 ment, freight mobility (including port oper-  
4 ations), and freight capacity associated with, in-  
5 stalling side underride guards on newly manu-  
6 factured trailers and semitrailers with a gross  
7 vehicle weight rating of 10,000 pounds or more;

8 (C) consider the unique structural and  
9 operational aspects of—

10 (i) intermodal chassis (as defined in  
11 section 340.2 of title 46, Code of Federal  
12 Regulations; and

13 (ii) pole trailers (as defined in section  
14 390.5 of title 49, Code of Federal Regula-  
15 tions; and

16 (D) if warranted, develop performance  
17 standards for side underride guards.

18 (2) INDEPENDENT RESEARCH.—If the Sec-  
19 retary enters into a contract with a third party to  
20 perform the research required under paragraph  
21 (1)(A), the Secretary shall ensure that the third  
22 party does not have any financial or contractual ties  
23 to, or relationships with—

24 (A) a motor carrier that transports pas-  
25 sengers or property for compensation;

1 (B) the motor carrier industry; or

2 (C) an entity producing or supplying  
3 underride guards.

4 (3) PUBLICATION OF ASSESSMENT.—Not later  
5 than 90 days after completion of the assessment re-  
6 quired under paragraph (1)(B), the Secretary  
7 shall—

8 (A) issue a notice in the Federal Register  
9 containing the findings of the assessment; and

10 (B) provide an opportunity for public com-  
11 ment.

12 (4) REPORT TO CONGRESS.—Not later than 90  
13 days after the conclusion of the public comment pe-  
14 riod under paragraph (3)(B), the Secretary shall  
15 submit to the Committee on Commerce, Science, and  
16 Transportation of the Senate and the Committee on  
17 Transportation and Infrastructure of the House of  
18 Representatives a report that includes—

19 (A) the results of the assessment under  
20 paragraph (1)(B);

21 (B) a summary of any comments received  
22 by the Secretary under paragraph (3)(B); and

23 (C) a determination as to whether the Sec-  
24 retary intends to develop performance require-

1           ments for side underride guards, including any  
2           analysis that led to that determination.

3           (d) ADVISORY COMMITTEE ON UNDERRIDE PROTEC-  
4 TION.—

5           (1) ESTABLISHMENT.—The Secretary shall es-  
6           tablish an Advisory Committee on Underride Protec-  
7           tion to provide advice and recommendations to the  
8           Secretary on safety regulations to reduce underride  
9           crashes and fatalities relating to underride crashes.

10          (2) MEMBERSHIP.—

11           (A) IN GENERAL.—The Committee shall be  
12           composed of not more than 20 members, ap-  
13           pointed by the Secretary, who—

14           (i) are not employees of the Depart-  
15           ment; and

16           (ii) are qualified to serve on the Com-  
17           mittee because of their expertise, training,  
18           or experience.

19           (B) REPRESENTATION.—The Committee  
20           shall include 2 representatives of each of the  
21           following:

22           (i) Truck and trailer manufacturers.

23           (ii) Motor carriers, including inde-  
24           pendent owner-operators.

25           (iii) Law enforcement.



- 1 (iv) Motor vehicle engineers.
- 2 (v) Motor vehicle crash investigators.
- 3 (vi) Truck safety organizations.
- 4 (vii) The insurance industry.
- 5 (viii) Emergency medical service pro-
- 6 viders.
- 7 (ix) Families of underride crash vic-
- 8 tims.
- 9 (x) Labor organizations.

10 (3) COMPENSATION.—Members of the Com-

11 mittee shall serve without compensation.

12 (4) MEETINGS.—The Committee shall meet not

13 less frequently than annually.

14 (5) SUPPORT.—On request of the Committee,

15 the Secretary shall provide information, administra-

16 tive services, and supplies necessary for the Com-

17 mittee to carry out the duties of the Committee.

18 (6) REPORT.—The Committee shall submit to

19 the Committee on Commerce, Science, and Trans-

20 portation of the Senate and the Committee on

21 Transportation and Infrastructure of the House of

22 Representatives a biennial report that—

23 (A) describes the advice and recommenda-

24 tions made to the Secretary; and

1 (B) includes an assessment of progress  
2 made by the Secretary in advancing safety reg-  
3 ulations relating to underride crashes.

4 (e) DATA COLLECTION.—Not later than 1 year after  
5 the date of enactment of this Act, the Secretary shall im-  
6 plement the recommendations described in the report of  
7 the Government Accountability Office entitled “Truck  
8 Underride Guards: Improved Data Collection, Inspections,  
9 and Research Needed”, published on March 14, 2019, and  
10 numbered GAO–19–264.

11 **SEC. 8012. PROVIDERS OF RECREATIONAL ACTIVITIES.**

12 Section 13506(b) of title 49, United States Code, is  
13 amended—

14 (1) in paragraph (2), by striking “or” at the  
15 end;

16 (2) in paragraph (3), by striking the period at  
17 the end and inserting “; or”; and

18 (3) by adding at the end the following:

19 “(4) transportation by a motor vehicle designed  
20 or used to transport not fewer than 9, and not more  
21 than 15, passengers (including the driver), whether  
22 operated alone or with a trailer attached for the  
23 transport of recreational equipment, if—

24 “(A) the motor vehicle is operated by a  
25 person that provides recreational activities;

1           “(B) the transportation is provided within  
2           a 150 air-mile radius of the location at which  
3           passengers initially boarded the motor vehicle at  
4           the outset of the trip; and

5           “(C) in the case of a motor vehicle trans-  
6           porting passengers over a route between a place  
7           in a State and a place in another State, the  
8           person operating the motor vehicle is lawfully  
9           providing transportation of passengers over the  
10          entire route in accordance with applicable State  
11          law.”.

12 **SEC. 8013. AMENDMENTS TO REGULATIONS RELATING TO**  
13                   **TRANSPORTATION OF HOUSEHOLD GOODS IN**  
14                   **INTERSTATE COMMERCE.**

15          (a) **DEFINITIONS.**—In this section:

16           (1) **ADMINISTRATION.**—The term “Administra-  
17           tion” means the Federal Motor Carrier Safety Ad-  
18           ministration.

19           (2) **COVERED CARRIER.**—The term “covered  
20           carrier” means a motor carrier that is—

21           (A) engaged in the interstate transpor-  
22           tation of household goods; and

23           (B) subject to the requirements of part  
24           375 of title 49, Code of Federal Regulations (as  
25           in effect on the effective date of any amend-

1           ments made pursuant to the notice of proposed  
2           rulemaking issued under subsection (b)).

3           (b) AMENDMENTS TO REGULATIONS.—Not later  
4 than 1 year after the date of enactment of this Act, the  
5 Secretary shall issue a notice of proposed rulemaking to  
6 amend, as the Secretary determines to be appropriate, reg-  
7 ulations relating to the interstate transportation of house-  
8 hold goods.

9           (c) CONSIDERATIONS.—In issuing the notice of pro-  
10 posed rulemaking under subsection (b), the Secretary shall  
11 consider amending the following provisions of title 49,  
12 Code of Federal Regulations, in accordance with the fol-  
13 lowing recommendations:

14           (1) Section 375.207(b) to require each covered  
15 carrier to include on the website of the covered car-  
16 rier a link—

17           (A) to the publication of the Administra-  
18 tion entitled “Ready to Move—Tips for a Suc-  
19 cessful Interstate Move” and numbered ESA-  
20 03–005 on the website of the Administration; or

21           (B) to a copy of the publication referred to  
22 in subparagraph (A) on the website of the cov-  
23 ered carrier.

24           (2) Subsections (a) and (b)(1) of section  
25 375.213 to require each covered carrier to provide to

1 each individual shipper, together with any written  
2 estimate provided to the shipper, a copy of the publi-  
3 cation described in appendix A of part 375 of that  
4 title, entitled “Your Rights and Responsibilities  
5 When You Move” and numbered ESA–03–006 (or a  
6 successor publication), in the form of a written copy  
7 or a hyperlink on the website of the covered carrier  
8 to the location on the website of the Administration  
9 containing that publication.

10 (3) Section 375.213 to repeal subsection (e) of  
11 that section.

12 (4) Section 375.401(a) to require each covered  
13 carrier—

14 (A) to conduct a visual survey of the  
15 household goods to be transported by the cov-  
16 ered carrier—

17 (i) in person; or

18 (ii) virtually, using—

19 (I) a remote camera; or

20 (II) another appropriate tech-  
21 nology;

22 (B) to offer a visual survey described in  
23 subparagraph (A) for all household goods ship-  
24 ments, regardless of the distance between—

1 (i) the location of the household  
2 goods; and

3 (ii) the location of the agent of the  
4 covered carrier preparing the estimate; and

5 (C) to provide to each shipper a copy of  
6 the publication of the Administration entitled  
7 “Ready to Move—Tips for a Successful Inter-  
8 state Move” and numbered ESA-03-005 on re-  
9 ceipt from the shipper of a request to schedule,  
10 or a waiver of, a visual survey offered under  
11 subparagraph (B).

12 (5) Sections 375.401(b)(1), 375.403(a)(6)(ii),  
13 and 375.405(b)(7)(ii), and subpart D of appendix A  
14 of part 375, to require that, in any case in which a  
15 shipper tenders any additional item or requests any  
16 additional service prior to loading a shipment, the  
17 affected covered carrier shall—

18 (A) prepare a new estimate; and

19 (B) maintain a record of the date, time,  
20 and manner in which the new estimate was ac-  
21 cepted by the shipper.

22 (6) Section 375.501(a), to establish that a cov-  
23 ered carrier is not required to provide to a shipper  
24 an order for service if the covered carrier elects to  
25 provide the information described in paragraphs (1)

1 through (15) of that section in a bill of lading that  
2 is presented to the shipper before the covered carrier  
3 receives the shipment.

4 (7) Subpart H of part 375, to replace the re-  
5 place the terms “freight bill” and “expense bill”  
6 with the term “invoice”.

7 **SEC. 8014. IMPROVING FEDERAL-STATE MOTOR CARRIER**  
8 **SAFETY ENFORCEMENT COORDINATION.**

9 (a) DEFINITIONS.—In this section:

10 (1) COVERED STATE.—The term “covered  
11 State” means a State that receives Federal funds  
12 under the motor carrier safety assistance program  
13 established under section 31102 of title 49, United  
14 States Code.

15 (2) IMMINENT HAZARD.—The term “imminent  
16 hazard” has the same meaning as in section 521 of  
17 title 49, United States Code.

18 (b) REVIEW AND ENFORCEMENT OF STATE OUT-OF-  
19 SERVICE ORDERS.—As soon as practicable after the date  
20 of enactment of this Act, the Secretary shall publish in  
21 the Federal Register a process under which the Secretary  
22 shall review each out-of-service order issued by a covered  
23 State in accordance with section 31144(d) of title 49,  
24 United States Code, by not later than 30 days after the

1 date on which the out-of-service order is submitted to the  
2 Secretary by the covered State.

3 (c) REVIEW AND ENFORCEMENT OF STATE IMMI-  
4 NENT HAZARD DETERMINATIONS.—

5 (1) IN GENERAL.—As soon as practicable after  
6 the date of enactment of this Act, the Secretary  
7 shall publish in the Federal Register a process under  
8 which the Secretary shall review imminent hazard  
9 determinations made by covered States.

10 (2) ENFORCEMENT.—On reviewing an immi-  
11 nent hazard determination under paragraph (1), the  
12 Secretary shall pursue enforcement under section  
13 521 of title 49, United States Code, as the Secretary  
14 determines to be appropriate.

15 **SEC. 8015. LIMOUSINE RESEARCH.**

16 (a) DEFINITIONS.—In this section:

17 (1) LIMOUSINE.—The term “limousine” means  
18 a motor vehicle—

19 (A) that has a seating capacity of 9 or  
20 more persons (including the driver);

21 (B) with a gross vehicle weight rating  
22 greater than 10,000 pounds but not greater  
23 than 26,000 pounds;



1 (C) that the Secretary has determined by  
2 regulation has physical characteristics resem-  
3 bling—

4 (i) a passenger car;

5 (ii) a multipurpose passenger vehicle;

6 or

7 (iii) a truck with a gross vehicle  
8 weight rating of 10,000 pounds or less;

9 and

10 (D) that is not a taxi, nonemergency med-  
11 ical, or paratransit motor vehicle.

12 (2) LIMOUSINE OPERATOR.—The term “lim-  
13 ousine operator” means a person who owns or  
14 leases, and uses, a limousine to transport passengers  
15 for compensation.

16 (3) MOTOR VEHICLE SAFETY STANDARD.—The  
17 term “motor vehicle safety standard” has the mean-  
18 ing given the term in section 30102(a) of title 49,  
19 United States Code.

20 (4) STATE.—The term “State” has the mean-  
21 ing given such term in section 30102(a) of title 49,  
22 United States Code.

23 (b) CRASHWORTHINESS.—

24 (1) RESEARCH.—Not later than 4 years after  
25 the date of enactment of this Act, the Secretary

1 shall complete research into the development of  
2 motor vehicle safety standards for side impact pro-  
3 tection, roof crush resistance, and air bag systems  
4 for the protection of occupants in limousines with al-  
5 ternative seating positions, including perimeter seat-  
6 ing arrangements.

7 (2) RULEMAKING OR REPORT.—

8 (A) CRASHWORTHINESS STANDARDS.—

9 (i) IN GENERAL.—Subject to clause  
10 (ii), not later than 2 years after the date  
11 on which the research under paragraph (1)  
12 is completed, the Secretary shall prescribe,  
13 for the protection of occupants in lim-  
14 ousines with alternative seating positions,  
15 a final motor vehicle safety standard for  
16 each of the following:

17 (I) Side impact protection.

18 (II) Roof crush resistance.

19 (III) Air bag systems.

20 (ii) REQUIREMENTS AND CONSIDER-  
21 ATIONS.—The Secretary may only pre-  
22 scribe a motor vehicle safety standard de-  
23 scribed in clause (i) if the Secretary deter-  
24 mines that the standard meets the require-  
25 ments and considerations described in sub-

1 sections (a) and (b) of section 30111 of  
2 title 49, United States Code.

3 (B) REPORT.—If the Secretary determines  
4 that a motor vehicle safety standard described  
5 in subparagraph (A)(i) would not meet the re-  
6 quirements and considerations described in sub-  
7 sections (a) and (b) of section 30111 of title 49,  
8 United States Code, the Secretary shall publish  
9 in the Federal Register and submit to the Com-  
10 mittee on Commerce, Science, and Transpor-  
11 tation of the Senate and the Committee on En-  
12 ergy and Commerce of the House of Represent-  
13 atives a report describing the reasons for not  
14 prescribing the standard.

15 (c) EVACUATION.—

16 (1) RESEARCH.—Not later than 2 years after  
17 the date of enactment of this Act, the Secretary  
18 shall complete research into safety features and  
19 standards that aid evacuation in the event that an  
20 exit in the passenger compartment of a limousine is  
21 blocked.

22 (2) RULEMAKING OR REPORT.—

23 (A) LIMOUSINE EVACUATION.—

24 (i) IN GENERAL.—Subject to clause

25 (ii), not later than 2 years after the date

1 on which the research under paragraph (1)  
2 is completed, the Secretary shall prescribe  
3 a final motor vehicle safety standard based  
4 on the results of that research.

5 (ii) REQUIREMENTS AND CONSIDER-  
6 ATIONS.—The Secretary may only pre-  
7 scribe a motor vehicle safety standard de-  
8 scribed in clause (i) if the Secretary deter-  
9 mines that the standard meets the require-  
10 ments and considerations described in sub-  
11 sections (a) and (b) of section 30111 of  
12 title 49, United States Code.

13 (B) REPORT.—If the Secretary determines  
14 that a standard described in subparagraph  
15 (A)(i) would not meet the requirements and  
16 considerations described in subsections (a) and  
17 (b) of section 30111 of title 49, United States  
18 Code, the Secretary shall publish in the Federal  
19 Register and submit to the Committee on Com-  
20 merce, Science, and Transportation of the Sen-  
21 ate and the Committee on Energy and Com-  
22 merce of the House of Representatives a report  
23 describing the reasons for not prescribing the  
24 standard.

25 (d) LIMOUSINE INSPECTION DISCLOSURE.—

1           (1) IN GENERAL.—A limousine operator may  
2 not introduce a limousine into interstate commerce  
3 unless the limousine operator has prominently dis-  
4 closed in a clear and conspicuous notice, including  
5 on the website of the operator if the operator has a  
6 website, the following:

7           (A) The date of the most recent inspection  
8 of the limousine required under State or Fed-  
9 eral law, if applicable.

10           (B) The results of the inspection, if appli-  
11 cable.

12           (C) Any corrective action taken by the lim-  
13 ousine operator to ensure the limousine passed  
14 inspection, if applicable.

15           (2) FEDERAL TRADE COMMISSION ENFORCE-  
16 MENT.—

17           (A) IN GENERAL.—The Federal Trade  
18 Commission shall enforce this subsection in the  
19 same manner, by the same means, and with the  
20 same jurisdiction, powers, and duties as though  
21 all applicable terms and provisions of the Fed-  
22 eral Trade Commission Act (15 U.S.C. 41 et  
23 seq.) were incorporated into and made a part of  
24 this subsection.

1 (B) TREATMENT.—Any person who vio-  
2 lates this subsection shall be subject to the pen-  
3 alties and entitled to the privileges and immuni-  
4 ties provided in the Federal Trade Commission  
5 Act (15 U.S.C. 41 et seq.).

6 (3) SAVINGS PROVISION.—Nothing in this sub-  
7 section limits the authority of the Federal Trade  
8 Commission under any other provision of law.

9 (4) EFFECTIVE DATE.—This subsection shall  
10 take effect on the date that is 180 days after the  
11 date of enactment of this Act.

12 **SEC. 8016. NATIONAL CONSUMER COMPLAINT DATABASE.**

13 (a) IN GENERAL.—Not later than 18 months after  
14 the date of enactment of this Act, the Comptroller General  
15 of the United States shall submit to the Committee on  
16 Commerce, Science, and Transportation of the Senate and  
17 the Committee on Transportation and Infrastructure of  
18 the House of Representatives a report on the National  
19 Consumer Complaint Database of the Federal Motor Car-  
20 rier Safety Administration.

21 (b) CONTENTS.—The report under subsection (a)  
22 shall include—

23 (1) a review of the process and effectiveness of  
24 efforts to review and follow-up on complaints sub-

1       mitted to the National Consumer Complaint Data-  
2       base;

3           (2) an identification of the top 5 complaint cat-  
4       egories;

5           (3) an identification of—

6               (A) the process that the Federal Motor  
7       Carrier Safety Administration uses to deter-  
8       mine which entities to take enforcement actions  
9       against; and

10           (B) the top categories of enforcement ac-  
11       tions taken by the Federal Motor Carrier Safe-  
12       ty Administration;

13           (4) a review of the use of the National Con-  
14       sumer Complaint Database website over the 5-year  
15       period ending on December 31, 2020, including in-  
16       formation obtained by conducting interviews with  
17       drivers, customers of movers of household goods,  
18       brokers, motor carriers, including small business  
19       motor carriers, and other users of the website to de-  
20       termine the usability of the website;

21           (5) a review of efforts taken by the Federal  
22       Motor Carrier Safety Administration to raise aware-  
23       ness of the National Consumer Complaint Database;  
24       and

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1 (6) recommendations, as appropriate, including  
2 with respect to methods—

3 (A) for improving the usability of the Na-  
4 tional Consumer Complaint Database website;

5 (B) for improving the review of complaints;

6 (C) for using data collected through the  
7 National Consumer Complaint Database to  
8 identify bad actors;

9 (D) to improve confidence and trans-  
10 parency in the complaint process; and

11 (E) for improving stakeholder awareness of  
12 and participation in the National Consumer  
13 Complaint Database and the complaint system,  
14 including improved communication about the  
15 purpose of the National Consumer Complaint  
16 Database.

17 **SEC. 8017. ELECTRONIC LOGGING DEVICE OVERSIGHT.**

18 Not later than 180 days after the date of enactment  
19 of this Act, the Secretary shall submit to Congress a re-  
20 port analyzing the cost and effectiveness of electronic log-  
21 ging devices and detailing the processes—

22 (1) used by the Federal Motor Carrier Safety  
23 Administration—

24 (A) to review electronic logging device logs;

25 and



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1 (B) to protect proprietary information and  
2 personally identifiable information obtained  
3 from electronic logging device logs; and

4 (2) through which an operator may challenge or  
5 appeal a violation notice issued by the Federal  
6 Motor Carrier Safety Administration relating to an  
7 electronic logging device.

8 **SEC. 8018. TRANSPORTATION OF AGRICULTURAL COMMOD-**  
9 **ITIES AND FARM SUPPLIES.**

10 Section 229(a)(1) of the Motor Carrier Safety Im-  
11 provement Act of 1999 (49 U.S.C. 31136 note; Public  
12 Law 106–159) is amended—

13 (1) in subparagraph (B), by striking “or” at  
14 the end;

15 (2) in subparagraph (C), by striking the period  
16 at the end and inserting “; or”; and

17 (3) by adding at the end the following:

18 “(D) drivers transporting livestock (as de-  
19 fined in section 602 of the Emergency Live-  
20 stock Feed Assistance Act of 1988 (7 U.S.C.  
21 1471) including insects) within a 150 air-mile  
22 radius from the final destination of the live-  
23 stock.”.

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1 **SEC. 8019. MODIFICATION OF RESTRICTIONS ON CERTAIN**  
2 **COMMERCIAL DRIVER'S LICENSES.**

3 The Administrator of the Federal Motor Carrier  
4 Safety Administration shall revise section 383.3(f)(3)(ii)  
5 of title 49, Code of Federal Regulations (or a successor  
6 regulation), to provide that a restricted commercial driv-  
7 er's license issued to an employee in a farm-related service  
8 industry shall be limited to the applicable seasonal periods  
9 defined by the State issuing the restricted commercial  
10 driver's license, subject to the condition that the total  
11 number of days in any calendar year during which the re-  
12 stricted commercial driver's license is valid does not exceed  
13 210.

14 **SEC. 8020. REPORT ON HUMAN TRAFFICKING VIOLATIONS**  
15 **INVOLVING COMMERCIAL MOTOR VEHICLES.**

16 Not later than 3 years after the date of enactment  
17 of this Act, and every 3 years thereafter, the Secretary,  
18 acting through the Department of Transportation Advi-  
19 sory Committee on Human Trafficking established under  
20 section 5(a) of the Combating Human Trafficking in Com-  
21 mercial Vehicles Act (Public Law 115-99; 131 Stat.  
22 2243), shall coordinate with the Attorney General to pre-  
23 pare and submit to Congress a report relating to human  
24 trafficking violations involving commercial motor vehicles,  
25 which shall include recommendations for countering

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1 human trafficking, including an assessment of previous  
2 best practices by transportation stakeholders.

3 **SEC. 8021. BROKER GUIDANCE RELATING TO FEDERAL**  
4 **MOTOR CARRIER SAFETY REGULATIONS.**

5 (a) IN GENERAL.—Not later than 1 year after the  
6 date of enactment of this Act, the Secretary shall issue  
7 guidance to clarify the definitions of the terms “broker”  
8 and “bona fide agents” in section 371.2 of title 49, Code  
9 of Federal Regulations.

10 (b) CONSIDERATIONS.—In issuing guidance under  
11 subsection (a), the Secretary shall take into consider-  
12 ation—

13 (1) the extent to which technology has changed  
14 the nature of freight brokerage;

15 (2) the role of bona fide agents; and

16 (3) other aspects of the freight transportation  
17 industry.

18 (c) DISPATCH SERVICES.—In issuing guidance under  
19 subsection (a), the Secretary shall, at a minimum—

20 (1) examine the role of a dispatch service in the  
21 transportation industry;

22 (2) examine the extent to which dispatch serv-  
23 ices could be considered brokers or bona fide agents;  
24 and

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1 (3) clarify the level of financial penalties for un-  
2 authorized brokerage activities under section 14916  
3 of title 49, United States Code, applicable to a dis-  
4 patch service.

5 **SEC. 8022. APPRENTICESHIP PILOT PROGRAM.**

6 (a) DEFINITIONS.—In this section:

7 (1) APPRENTICE.—The term “apprentice”  
8 means an individual who—

9 (A) is under the age of 21; and

10 (B) holds a commercial driver’s license.

11 (2) COMMERCIAL DRIVER’S LICENSE.—The  
12 term “commercial driver’s license” has the meaning  
13 given the term in section 31301 of title 49, United  
14 States Code.

15 (3) COMMERCIAL MOTOR VEHICLE.—The term  
16 “commercial motor vehicle” has the meaning given  
17 the term in section 390.5 of title 49, Code of Fed-  
18 eral Regulations (as in effect on the date of enact-  
19 ment of this Act).

20 (4) DRIVING TIME.—The term “driving time”  
21 has the meaning given the term in section 395.2 of  
22 title 49, Code of Federal Regulations (as in effect on  
23 the date of enactment of this Act).

24 (5) EXPERIENCED DRIVER.—The term “experi-  
25 enced driver” means an individual who—

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1 (A) is not younger than 26 years of age;

2 (B) has held a commercial driver's license  
3 for the 2-year period ending on the date on  
4 which the individual serves as an experienced  
5 driver under subsection (b)(2)(C)(ii);

6 (C) during the 2-year period ending on the  
7 date on which the individual serves as an expe-  
8 rienced driver under subsection (b)(2)(C)(ii),  
9 has had no—

10 (i) preventable accidents reportable to  
11 the Department; or

12 (ii) pointed moving violations; and

13 (D) has a minimum of 5 years of experi-  
14 ence driving a commercial motor vehicle in  
15 interstate commerce.

16 (6) ON-DUTY TIME.—The term “on-duty time”  
17 has the meaning given the term in section 395.2 of  
18 title 49, Code of Federal Regulations (as in effect on  
19 the date of enactment of this Act).

20 (7) POINTED MOVING VIOLATION.—The term  
21 “pointed moving violation” means a violation that  
22 results in points being added to the license of a driv-  
23 er, or a similar comparable violation, as determined  
24 by the Secretary.

25 (b) PILOT PROGRAM.—

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1           (1) IN GENERAL.—Not later than 60 days after  
2 the date of enactment of this Act, the Secretary  
3 shall establish, in accordance with section 31315(c)  
4 of title 49, United States Code, a pilot program al-  
5 lowing employers to establish the apprenticeship pro-  
6 grams described in paragraph (2).

7           (2) DESCRIPTION OF APPRENTICESHIP PRO-  
8 GRAM.—An apprenticeship program referred to in  
9 paragraph (1) is a program that consists of the fol-  
10 lowing requirements:

11           (A) 120-HOUR PROBATIONARY PERIOD.—

12           (i) IN GENERAL.—The apprentice  
13 shall complete 120 hours of on-duty time,  
14 of which not less than 80 hours shall be  
15 driving time in a commercial motor vehicle.

16           (ii) PERFORMANCE BENCHMARKS.—  
17 To complete the 120-hour probationary pe-  
18 riod under clause (i), the employer of an  
19 apprentice shall determine that the appren-  
20 tice is competent in each of the following  
21 areas:

22           (I) Interstate, city traffic, rural  
23 2-lane, and evening driving.

24           (II) Safety awareness.

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1 (III) Speed and space manage-  
2 ment.

3 (IV) Lane control.

4 (V) Mirror scanning.

5 (VI) Right and left turns.

6 (VII) Logging and complying  
7 with rules relating to hours of service.

8 (B) 280-HOUR PROBATIONARY PERIOD.—

9 (i) IN GENERAL.—After completing  
10 the 120-hour probationary period under  
11 subparagraph (A), an apprentice shall  
12 complete 280 hours of on-duty time, of  
13 which not less than 160 hours shall be  
14 driving time in a commercial motor vehicle.

15 (ii) PERFORMANCE BENCHMARKS.—  
16 To complete the 280-hour probationary pe-  
17 riod under clause (i), the employer of an  
18 apprentice shall determine that the appren-  
19 tice is competent in each of the following  
20 areas:

21 (I) Backing and maneuvering in  
22 close quarters.

23 (II) Pretrip inspections.

24 (III) Fueling procedures.

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1 (IV) Weighing loads, weight dis-  
2 tribution, and sliding tandems.

3 (V) Coupling and uncoupling pro-  
4 cedures.

5 (VI) Trip planning, truck routes,  
6 map reading, navigation, and permits.

7 (C) RESTRICTIONS FOR PROBATIONARY  
8 PERIODS.—During the 120-hour probationary  
9 period under subparagraph (A) and the 280-  
10 hour probationary period under subparagraph  
11 (B)—

12 (i) an apprentice may only drive a  
13 commercial motor vehicle that has—

14 (I) an automatic manual or auto-  
15 matic transmission;

16 (II) an active braking collision  
17 mitigation system;

18 (III) a forward-facing video event  
19 capture system; and

20 (IV) a governed speed of 65  
21 miles per hour—

22 (aa) at the pedal; and

23 (bb) under adaptive cruise  
24 control; and



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1 (ii) an apprentice shall be accom-  
2 panied in the passenger seat of the com-  
3 mercial motor vehicle by an experienced  
4 driver.

5 (D) RECORDS RETENTION.—The employer  
6 of an apprentice shall maintain records, in a  
7 manner required by the Secretary, relating to  
8 the satisfaction of the performance benchmarks  
9 described in subparagraphs (A)(ii) and (B)(ii)  
10 by the apprentice.

11 (E) REPORTABLE INCIDENTS.—If an ap-  
12 prentice is involved in a preventable accident re-  
13 portable to the Department or a pointed moving  
14 violation while driving a commercial motor vehi-  
15 cle as part of an apprenticeship program de-  
16 scribed in this paragraph, the apprentice shall  
17 undergo remediation and additional training  
18 until the apprentice can demonstrate, to the  
19 satisfaction of the employer, competence in each  
20 of the performance benchmarks described in  
21 subparagraphs (A)(ii) and (B)(ii).

22 (F) COMPLETION OF PROGRAM.—An ap-  
23 prentice shall be considered to have completed  
24 an apprenticeship program on the date on

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1 which the apprentice completes the 280-hour  
2 probationary period under subparagraph (B).

3 (G) MINIMUM REQUIREMENTS.—

4 (i) IN GENERAL.—Nothing in this sec-  
5 tion prevents an employer from imposing  
6 any additional requirement on an appren-  
7 tice participating in an apprenticeship pro-  
8 gram established under this section.

9 (ii) TECHNOLOGIES.—Nothing in this  
10 section prevents an employer from requir-  
11 ing or installing in a commercial motor ve-  
12 hicle any technology in addition to the  
13 technologies described in subparagraph  
14 (C)(i).

15 (3) APPRENTICES.—An apprentice may—

16 (A) drive a commercial motor vehicle in  
17 interstate commerce while participating in the  
18 120-hour probationary period under paragraph  
19 (2)(A) or the 280-hour probationary period  
20 under paragraph (2)(B) pursuant to an appren-  
21 ticeship program established by an employer in  
22 accordance with this section; and

23 (B) drive a commercial motor vehicle in  
24 interstate commerce after the apprentice com-  
25 pletes an apprenticeship program described in

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1 paragraph (2), unless the Secretary determines  
2 there exists a safety concern.

3 (4) LIMITATION.—The Secretary may not allow  
4 more than 3,000 apprentices at any 1 time to par-  
5 ticipate in the pilot program established under para-  
6 graph (1).

7 (c) TERMINATION.—Effective beginning on the date  
8 that is 3 years after the date of establishment of the pilot  
9 program under subsection (b)(1)—

10 (1) the pilot program shall terminate; and

11 (2) any driver under the age of 21 who has  
12 completed an apprenticeship program described in  
13 subsection (b)(2) may drive a commercial motor ve-  
14 hicle in interstate commerce, unless the Secretary  
15 determines there exists a safety concern.

16 (d) NO EFFECT ON LICENSE REQUIREMENT.—Noth-  
17 ing in this section exempts an apprentice from any re-  
18 quirement to hold a commercial driver's license in order  
19 to operate a commercial motor vehicle.

20 (e) DATA COLLECTION.—The Secretary shall collect  
21 and analyze—

22 (1) data relating to any incident in which an  
23 apprentice participating in the pilot program estab-  
24 lished under subsection (b)(1) is involved;

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1 (2) data relating to any incident in which a  
2 driver under the age of 21 operating a commercial  
3 motor vehicle in intrastate commerce is involved; and

4 (3) such other data relating to the safety of ap-  
5 prentices aged 18 to 20 years operating in interstate  
6 commerce as the Secretary determines to be nec-  
7 essary.

8 (f) LIMITATION.—A driver under the age of 21 par-  
9 ticipating in the pilot program under this section may  
10 not—

11 (1) transport—

12 (A) a passenger; or

13 (B) hazardous cargo; or

14 (2) operate a commercial motor vehicle—

15 (A) in special configuration; or

16 (B) with a gross vehicle weight rating of  
17 more than 80,000 pounds.

18 (g) REPORT TO CONGRESS.—Not later than 120 days  
19 after the date of conclusion of the pilot program under  
20 subsection (b), the Secretary shall submit to Congress a  
21 report including—

22 (1) the findings and conclusions resulting from  
23 the pilot program, including with respect to tech-  
24 nologies or training provided by commercial motor

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1 carriers for apprentices as part of the pilot program  
2 to successfully improve safety;

3 (2) an analysis of the safety record of appren-  
4 tices participating in the pilot program, as compared  
5 to other commercial motor vehicle drivers;

6 (3) the number of drivers that discontinued  
7 participation in the apprenticeship program before  
8 completion;

9 (4) a comparison of the safety records of par-  
10 ticipating drivers before, during, and after the pro-  
11 bationary periods under subparagraphs (A) and (B)  
12 of subsection (b)(2);

13 (5) a comparison, for each participating driver,  
14 of average on-duty time, driving time, and time  
15 spent away from home terminal before, during, and  
16 after the probationary periods referred to in para-  
17 graph (4); and

18 (6) a recommendation, based on the data col-  
19 lected, regarding whether the level of safety achieved  
20 by the pilot program is equivalent to, or greater  
21 than, the level of safety for equivalent commercial  
22 motor vehicle drivers aged 21 years or older.

23 (h) **RULE OF CONSTRUCTION.**—Nothing in this sec-  
24 tion affects the authority of the Secretary under section  
25 31315 of title 49, United States Code, with respect to the

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1 pilot program established under subsection (b)(1), includ-  
2 ing the authority to revoke participation in, and terminate,  
3 the pilot program under paragraphs (3) and (4) of sub-  
4 section (c) of that section.

5 (i) DRIVER COMPENSATION STUDY.—

6 (1) IN GENERAL.—Not later than 1 year after  
7 the date of enactment of this Act, the Secretary, act-  
8 ing through the Administrator of the Federal Motor  
9 Carrier Safety Administration, shall offer to enter  
10 into a contract with the Transportation Research  
11 Board under which the Transportation Research  
12 Board shall conduct a study of the impacts of var-  
13 ious methods of driver compensation on safety and  
14 driver retention, including—

15 (A) hourly pay;

16 (B) payment for detention time; and

17 (C) other payment methods used in the in-  
18 dustry as of the date on which the study is con-  
19 ducted.

20 (2) CONSULTATION.—In conducting the study  
21 under paragraph (1), the Transportation Research  
22 Board shall consult with—

23 (A) labor organizations representing com-  
24 mercial motor vehicle drivers;

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1 (B) representatives of the motor carrier in-  
2 dustry, including owner-operators; and

3 (C) such other stakeholders as the Trans-  
4 portation Research Board determines to be rel-  
5 evant.

6 **TITLE IX—HIGHWAY AND MOTOR**  
7 **VEHICLE SAFETY**

8 **Subtitle A—Highway Traffic Safety**

9 **SEC. 9101. AUTHORIZATION OF APPROPRIATIONS.**

10 (a) IN GENERAL.—The following amounts are au-  
11 thorized to be appropriated out of the Highway Trust  
12 Fund (other than the Mass Transit Account):

13 (1) HIGHWAY SAFETY PROGRAMS.—To carry  
14 out section 402 of title 23, United States Code—

15 (A) \$363,400,000 for fiscal year 2022;

16 (B) \$370,900,000 for fiscal year 2023;

17 (C) \$378,400,000 for fiscal year 2024;

18 (D) \$385,900,000 for fiscal year 2025;

19 and

20 (E) \$393,400,000 for fiscal year 2026.

21 (2) HIGHWAY SAFETY RESEARCH AND DEVEL-  
22 OPMENT.—To carry out section 403 of title 23,  
23 United States Code—

24 (A) \$186,000,000 for fiscal year 2022;

25 (B) \$190,000,000 for fiscal year 2023;

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1 (C) \$194,000,000 for fiscal year 2024;

2 (D) \$198,000,000 for fiscal year 2025;

3 and

4 (E) \$202,000,000 for fiscal year 2026.

5 (3) HIGH-VISIBILITY ENFORCEMENT PRO-  
6 GRAM.—To carry out section 404 of title 23, United  
7 States Code—

8 (A) \$36,400,000 for fiscal year 2022;

9 (B) \$38,300,000 for fiscal year 2023;

10 (C) \$40,300,000 for fiscal year 2024;

11 (D) \$42,300,000 for fiscal year 2025; and

12 (E) \$44,300,000 for fiscal year 2026.

13 (4) NATIONAL PRIORITY SAFETY PROGRAMS.—  
14 To carry out section 405 of title 23, United States  
15 Code—

16 (A) \$336,500,000 for fiscal year 2022;

17 (B) \$346,500,000 for fiscal year 2023;

18 (C) \$353,500,000 for fiscal year 2024;

19 (D) \$360,500,000 for fiscal year 2025;

20 and

21 (E) \$367,500,000 for fiscal year 2026.

22 (5) ADMINISTRATIVE EXPENSES.—For adminis-  
23 trative and related operating expenses of the Na-  
24 tional Highway Traffic Safety Administration in car-



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1 rying out chapter 4 of title 23, United States Code,  
2 and this title—

3 (A) \$38,000,000 for fiscal year 2022;

4 (B) \$39,520,000 for fiscal year 2023;

5 (C) \$41,100,800 for fiscal year 2024;

6 (D) \$42,744,832 for fiscal year 2025; and

7 (E) \$44,454,625 for fiscal year 2026.

8 (6) NATIONAL DRIVER REGISTER.—For the Na-  
9 tional Highway Traffic Safety Administration to  
10 carry out chapter 303 of title 49, United States  
11 Code—

12 (A) \$6,800,000 for fiscal year 2022;

13 (B) \$7,000,000 for fiscal year 2023;

14 (C) \$7,200,000 for fiscal year 2024;

15 (D) \$7,400,000 for fiscal year 2025; and

16 (E) \$7,600,000 for fiscal year 2026.

17 (b) PROHIBITION ON OTHER USES.—Except as oth-  
18 erwise provided in chapter 4 of title 23, and chapter 303  
19 of title 49, United States Code, the amounts made avail-  
20 able under subsection (a) or any other provision of law  
21 from the Highway Trust Fund (other than the Mass Tran-  
22 sit Account) for a program under those chapters—

23 (1) shall only be used to carry out that pro-  
24 gram; and

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1 (2) may not be used by a State or local govern-  
2 ment for construction purposes.

3 (c) APPLICABILITY OF TITLE 23.—Except as other-  
4 wise provided in chapter 4 of title 23, and chapter 303  
5 of title 49, United States Code, the amounts made avail-  
6 able under subsection (a) for fiscal years 2022 through  
7 2026 shall be available for obligation in the same manner  
8 as if those funds were apportioned under chapter 1 of title  
9 23, United States Code.

10 (d) HIGHWAY SAFETY GENERAL REQUIREMENTS.—

11 (1) IN GENERAL.—Chapter 4 of title 23, United  
12 States Code, is amended—

13 (A) by redesignating sections 409 and 412  
14 and sections 407 and 408, respectively; and

15 (B) by inserting after section 405 the fol-  
16 lowing:

17 **“§ 406. General requirements for Federal assistance**

18 “(a) DEFINITION OF FUNDED PROJECT.—In this  
19 section, the term ‘funded project’ means a project funded,  
20 in whole or in part, by a grant provided under section 402  
21 or 405.

22 “(b) REGULATORY AUTHORITY.—Each funded  
23 project shall be carried out in accordance with applicable  
24 regulations promulgated by the Secretary.

1       “(c) STATE MATCHING REQUIREMENTS.—If a grant  
2 provided under this chapter requires any State to share  
3 in the cost of a funded project, the aggregate of the ex-  
4 penditures made by the State (including any political sub-  
5 division of the State) for highway safety activities during  
6 a fiscal year, exclusive of Federal funds, for carrying out  
7 the funded project (other than expenditures for planning  
8 or administration) shall be credited toward the non-Fed-  
9 eral share of the cost of any other funded project (other  
10 than planning and administration) during that fiscal year,  
11 regardless of whether those expenditures were made in  
12 connection with the project.

13       “(d) GRANT APPLICATION AND DEADLINE.—

14               “(1) APPLICATIONS.—To be eligible to receive a  
15 grant under this chapter, a State shall submit to the  
16 Secretary an application at such time, in such man-  
17 ner, and containing such information as the Sec-  
18 retary may require.

19               “(2) DEADLINE.—The Secretary shall establish  
20 a single deadline for the submission of applications  
21 under paragraph (1) to enable the provision of  
22 grants under this chapter early in each applicable  
23 fiscal year beginning after the date of submission.

24       “(e) DISTRIBUTION OF FUNDS TO STATES.—Not  
25 later than 60 days after the later of the start of a fiscal

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1 year or the date of enactment of any appropriations Act  
2 making funds available to carry out this chapter for that  
3 fiscal year, the Secretary shall distribute to each State the  
4 portion of those funds to which the State is entitled for  
5 the applicable fiscal year.”.

6 (2) CLERICAL AMENDMENT.—The analysis for  
7 chapter 4 of title 23, United States Code, is amend-  
8 ed by striking the items relating to sections 406  
9 through 412 and inserting the following:

“406. General requirements for Federal assistance.

“407. Discovery and admission as evidence of certain reports and surveys.

“408. Agency accountability.”.

10 **SEC. 9102. HIGHWAY SAFETY PROGRAMS.**

11 (a) IN GENERAL.—Section 402 of title 23, United  
12 States Code, is amended—

13 (1) by striking “accidents” each place it ap-  
14 pears and inserting “crashes”;

15 (2) by striking “accident” each place it appears  
16 and inserting “crash”;

17 (3) in subsection (a)—

18 (A) in paragraph (1), by striking “shall  
19 have” and all that follows through the period at  
20 the end and inserting the following: “shall have  
21 in effect a highway safety program that—

22 “(i) is designed to reduce—

23 “(I) traffic crashes; and

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1 “(II) deaths, injuries, and prop-  
2 erty damage resulting from those  
3 crashes;

4 “(ii) includes—

5 “(I) an approved, current, tri-  
6 ennial highway safety plan in accord-  
7 ance with subsection (k); and

8 “(II) an approved grant applica-  
9 tion under subsection (l) for the fiscal  
10 year;

11 “(iii) demonstrates compliance with  
12 the applicable administrative requirements  
13 of subsection (b)(1); and

14 “(iv) is approved by the Secretary.”;

15 (B) in paragraph (2)(A)—

16 (i) in clause (ii), by striking “occu-  
17 pant protection devices (including the use  
18 of safety belts and child restraint sys-  
19 tems)” and inserting “safety belts”;

20 (ii) in clause (vii), by striking “and”  
21 at the end;

22 (iii) by redesignating clauses (iii)  
23 through (viii) as clauses (iv) through (ix),  
24 respectively;

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1 (iv) by inserting after clause (ii) the  
2 following:

3 “(iii) to encourage more widespread  
4 and proper use of child restraints, with an  
5 emphasis on underserved populations;”;  
6 and

7 (v) by adding at the end the following:

8 “(x) to reduce crashes caused by driv-  
9 er misuse or misunderstanding of new ve-  
10 hicle technology;

11 “(xi) to increase vehicle recall aware-  
12 ness;

13 “(xii) to provide to the public infor-  
14 mation relating to the risks of child heat-  
15 stroke death when left unattended in a  
16 motor vehicle after the motor is deacti-  
17 vated by the operator;

18 “(xiii) to reduce injuries and deaths  
19 resulting from the failure by drivers of  
20 motor vehicles to move to another traffic  
21 lane or reduce the speed of the vehicle  
22 when law enforcement, fire service, emer-  
23 gency medical services, or other emergency  
24 or first responder vehicles are stopped or

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1 parked on or next to a roadway with emer-  
2 gency lights activated; and

3 “(xiv) to prevent crashes, injuries, and  
4 deaths caused by unsecured vehicle loads;”;  
5 and

6 (C) by adding at the end the following:

7 “(3) ADDITIONAL CONSIDERATIONS.—A State  
8 that has legalized medicinal or recreational mari-  
9 juana shall take into consideration implementing  
10 programs in addition to the programs described in  
11 paragraph (2)(A)—

12 “(A) to educate drivers regarding the risks  
13 associated with marijuana-impaired driving; and

14 “(B) to reduce injuries and deaths result-  
15 ing from individuals driving motor vehicles  
16 while impaired by marijuana.”;

17 (4) in subsection (b)(1)—

18 (A) in the matter preceding subparagraph  
19 (A), by striking “may” and inserting “shall”;

20 (B) by striking subparagraph (B) and in-  
21 serting the following:

22 “(B) provide for a comprehensive, data-  
23 driven traffic safety program that results from  
24 meaningful public participation and engagement  
25 from affected communities, particularly those

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1 most significantly impacted by traffic crashes  
2 resulting in injuries and fatalities;”;

3 (C) in subparagraph (C), by striking “au-  
4 thorized in accordance with subparagraph (B)”;

5 (D) in subparagraph (D), by striking  
6 “with disabilities, including those in wheel-  
7 chairs” and inserting “, including those with  
8 disabilities and those in wheelchairs”;

9 (E) by striking subparagraph (E) and in-  
10 sserting the following:

11 “(E) as part of a comprehensive program,  
12 support—

13 “(i) data-driven traffic safety enforce-  
14 ment programs that foster effective com-  
15 munity collaboration to increase public  
16 safety; and

17 “(ii) data collection and analysis to  
18 ensure transparency, identify disparities in  
19 traffic enforcement, and inform traffic en-  
20 forcement policies, procedures, and activi-  
21 ties; and”;

22 (F) in subparagraph (F)—

23 (i) in clause (i), by striking “national  
24 law enforcement mobilizations and high-



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1 visibility” and inserting “national, high-vis-  
2 ibility”;

3 (ii) in clause (iv), by striking “and”  
4 after the semicolon at the end;

5 (iii) in clause (v), by striking the pe-  
6 riod at the end and inserting “; and”;

7 (iv) by adding at the end the fol-  
8 lowing:

9 “(vi) unless the State highway safety  
10 program is developed by American Samoa,  
11 Guam, the Commonwealth of the Northern  
12 Mariana Islands, or the United States Vir-  
13 gin Islands, participation in the Fatality  
14 Analysis Reporting System.”;

15 (5) in subsection (c)—

16 (A) in paragraph (1)—

17 (i) by striking the paragraph designa-  
18 tion and heading and all that follows  
19 through “Funds authorized” and inserting  
20 the following:

21 “(1) USE FOR STATE ACTIVITIES.—

22 “(A) IN GENERAL.—The funds author-  
23 ized”; and

24 (ii) by adding at the end the fol-  
25 lowing:

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1           “(B) NEIGHBORING STATES.—A State,  
2 acting in cooperation with any neighboring  
3 State, may use funds provided under this sec-  
4 tion for a highway safety program that may  
5 confer a benefit on the neighboring State.”;

6           (B) by striking paragraphs (2) and (3) and  
7 inserting the following:

8           “(2) APPORTIONMENT TO STATES.—

9           “(A) DEFINITION OF PUBLIC ROAD.—In  
10 this paragraph, the term ‘public road’ means  
11 any road that is—

12           “(i) subject to the jurisdiction of, and  
13 maintained by, a public authority; and

14           “(ii) held open to public travel.

15           “(B) APPORTIONMENT.—

16           “(i) IN GENERAL.—Except for the  
17 amounts identified in section 403(f) and  
18 the amounts subject to subparagraph (C),  
19 of the funds made available under this sec-  
20 tion—

21           “(I) 75 percent shall be appor-  
22 tioned to each State based on the  
23 ratio that, as determined by the most  
24 recent decennial census—

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1                   “(aa) the population of the  
2                   State; bears to

3                   “(bb) the total population of  
4                   all States; and

5                   “(II) 25 percent shall be appor-  
6                   tioned to each State based on the  
7                   ratio that, subject to clause (ii)—

8                   “(aa) the public road mile-  
9                   age in each State; bears to

10                   “(bb) the total public road  
11                   mileage in all States.

12                   “(ii) CALCULATION.—For purposes of  
13                   clause (i)(II), public road mileage shall  
14                   be—

15                   “(I) determined as of the end of  
16                   the calendar year preceding the year  
17                   during which the funds are appor-  
18                   tioned;

19                   “(II) certified by the Governor of  
20                   the State; and

21                   “(III) subject to approval by the  
22                   Secretary.

23                   “(C) MINIMUM APPORTIONMENTS.—The  
24                   annual apportionment under this section to—

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1 “(i) each State shall be not less than  
2  $\frac{3}{4}$  of 1 percent of the total apportionment;

3 “(ii) the Secretary of the Interior  
4 shall be not less than 2 percent of the total  
5 apportionment; and

6 “(iii) the United States Virgin Is-  
7 lands, Guam, American Samoa, and the  
8 Commonwealth of the Northern Mariana  
9 Islands shall be not less than  $\frac{1}{4}$  of 1 per-  
10 cent of the total apportionment.

11 “(D) PENALTY.—

12 “(i) IN GENERAL.—The funds appor-  
13 tioned under this section to a State that  
14 does not have approved or in effect a high-  
15 way safety program described in subsection  
16 (a)(1) shall be reduced by an amount equal  
17 to not less than 20 percent of the amount  
18 that would otherwise be apportioned to the  
19 State under this section, until the date on  
20 which the Secretary, as applicable—

21 “(I) approves such a highway  
22 safety program; or

23 “(II) determines that the State is  
24 implementing such a program.

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1 “(ii) FACTOR FOR CONSIDERATION.—

2 In determining the amount of the reduc-  
3 tion in funds apportioned to a State under  
4 this subparagraph, the Secretary shall take  
5 into consideration the gravity of the failure  
6 by the State to secure approval, or to im-  
7 plement, a highway safety program de-  
8 scribed in subsection (a)(1).

9 “(E) LIMITATIONS.—

10 “(i) IN GENERAL.—A highway safety  
11 program approved by the Secretary shall  
12 not include any requirement that a State  
13 shall implement such a program by adopt-  
14 ing or enforcing any law, rule, or regula-  
15 tion based on a guideline promulgated by  
16 the Secretary under this section requiring  
17 any motorcycle operator aged 18 years or  
18 older, or a motorcycle passenger aged 18  
19 years or older, to wear a safety helmet  
20 when operating or riding a motorcycle on  
21 the streets and highways of that State.

22 “(ii) EFFECT OF GUIDELINES.—Noth-  
23 ing in this section requires a State high-  
24 way safety program to require compliance  
25 with every uniform guideline, or with every

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1 element of every uniform guideline, in  
2 every State.

3 “(3) REAPPORTIONMENT.—

4 “(A) IN GENERAL.—The Secretary shall  
5 promptly apportion to a State any funds with-  
6 held from the State under paragraph (2)(D) if  
7 the Secretary makes an approval or determina-  
8 tion, as applicable, described in that paragraph  
9 by not later than July 31 of the fiscal year for  
10 which the funds were withheld.

11 “(B) CONTINUING STATE FAILURE.—If  
12 the Secretary determines that a State fails to  
13 correct a failure to have approved or in effect  
14 a highway safety program described in sub-  
15 section (a)(1) by the date described in subpara-  
16 graph (A), the Secretary shall reapportion the  
17 funds withheld from that State under para-  
18 graph (2)(D) for the fiscal year to the other  
19 States in accordance with the formula described  
20 in paragraph (2)(B) by not later than the last  
21 day of the fiscal year.”; and

22 (C) in paragraph (4)—

23 (i) by striking subparagraph (C);

24 (ii) by redesignating subparagraphs

25 (A) and (B) as subparagraphs (B) and

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1 (A), respectively, and moving the subpara-  
2 graphs so as to appear in alphabetical  
3 order; and

4 (iii) by adding at the end the fol-  
5 lowing:

6 “(C) SPECIAL RULE FOR SCHOOL AND  
7 WORK ZONES.—Notwithstanding subparagraph  
8 (B), a State may expend funds apportioned to  
9 the State under this section to carry out a pro-  
10 gram to purchase, operate, or maintain an  
11 automated traffic enforcement system in a work  
12 zone or school zone.

13 “(D) AUTOMATED TRAFFIC ENFORCEMENT  
14 SYSTEM GUIDELINES.—An automated traffic  
15 enforcement system installed pursuant to sub-  
16 paragraph (C) shall comply with such guidelines  
17 applicable to speed enforcement camera systems  
18 and red light camera systems as are established  
19 by the Secretary.”;

20 (6) in subsection (k)—

21 (A) by striking the subsection designation  
22 and heading and all that follows through  
23 “thereafter” in paragraph (1) and inserting the  
24 following:

25 “(k) TRIENNIAL HIGHWAY SAFETY PLAN.—

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1           “(1) IN GENERAL.—For fiscal year 2024, and  
2 not less frequently than once every 3 fiscal years  
3 thereafter”;

4           (B) in paragraph (1), by striking “for that  
5 fiscal year, to develop and submit to the Sec-  
6 retary for approval a highway safety plan” and  
7 inserting “for the 3 fiscal years covered by the  
8 plan, to develop and submit to the Secretary for  
9 approval a triennial highway safety plan”;

10           (C) by striking paragraph (2) and insert-  
11 ing the following:

12           “(2) TIMING.—Each State shall submit to the  
13 Secretary a triennial highway safety plan by not  
14 later than July 1 of the fiscal year preceding the  
15 first fiscal year covered by the plan.”;

16           (D) in paragraph (3), by inserting “tri-  
17 ennial” before “highway”;

18           (E) in paragraph (4)—

19           (i) in the matter preceding subpara-  
20 graph (A)—

21           (I) by striking “State highway  
22 safety plans” and inserting “Each  
23 State triennial highway safety plan”;  
24 and



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1 (II) by inserting “, with respect  
2 to the 3 fiscal years covered by the  
3 plan, based on the information avail-  
4 able on the date of submission under  
5 paragraph (2)” after “include”;

6 (ii) in subparagraph (A)(ii), by strik-  
7 ing “annual performance targets” and in-  
8 serting “performance targets that dem-  
9 onstrate constant or improved perform-  
10 ance”;

11 (iii) by striking subparagraph (B) and  
12 inserting the following:

13 “(B) a countermeasure strategy for pro-  
14 gramming funds under this section for projects  
15 that will allow the State to meet the perform-  
16 ance targets described in subparagraph (A), in-  
17 cluding a description—

18 “(i) that demonstrates the link be-  
19 tween the effectiveness of each proposed  
20 countermeasure strategy and those per-  
21 formance targets; and

22 “(ii) of the manner in which each  
23 countermeasure strategy is informed by  
24 uniform guidelines issued by the Sec-  
25 retary;”;

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1 (iv) in subparagraph (D)—

2 (I) by striking “, State, local, or  
3 private”; and

4 (II) by inserting “and” after the  
5 semicolon at the end;

6 (v) in subparagraph (E)—

7 (I) by striking “for the fiscal  
8 year preceding the fiscal year to which  
9 the plan applies,”; and

10 (II) by striking “performance  
11 targets set forth in the previous year’s  
12 highway safety plan; and” and insert-  
13 ing “performance targets set forth in  
14 the most recently submitted highway  
15 safety plan.”; and

16 (vi) by striking subparagraph (F);

17 (F) by striking paragraph (5) and insert-  
18 ing the following:

19 “(5) PERFORMANCE MEASURES.—The Sec-  
20 retary shall develop minimum performance measures  
21 under paragraph (4)(A) in consultation with the  
22 Governors Highway Safety Association.”; and

23 (G) in paragraph (6)—

24 (i) in the paragraph heading, by in-  
25 serting “TRIENNIAL” before “HIGHWAY”;

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1 (ii) by redesignating subparagraphs  
2 (B) through (E) as subparagraphs (C)  
3 through (F), respectively;

4 (iii) in each of subparagraphs (C)  
5 through (F) (as so redesignated), by in-  
6 serting “triennial” before “highway” each  
7 place it appears; and

8 (iv) by striking subparagraph (A) and  
9 inserting the following:

10 “(A) IN GENERAL.—Except as provided in  
11 subparagraph (B), the Secretary shall review  
12 and approve or disapprove a triennial highway  
13 safety plan of a State by not later than 60 days  
14 after the date on which the plan is received by  
15 the Secretary.

16 “(B) ADDITIONAL INFORMATION.—

17 “(i) IN GENERAL.—The Secretary  
18 may request a State to submit to the Sec-  
19 retary such additional information as the  
20 Secretary determines to be necessary for  
21 review of the triennial highway safety plan  
22 of the State.

23 “(ii) EXTENSION OF DEADLINE.—On  
24 providing to a State a request for addi-  
25 tional information under clause (i), the

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1 Secretary may extend the deadline to ap-  
2 prove or disapprove the triennial highway  
3 safety plan of the State under subpara-  
4 graph (A) for not more than an additional  
5 90 days, as the Secretary determines to be  
6 necessary to accommodate that request,  
7 subject to clause (iii).

8 “(iii) TIMING.—Any additional infor-  
9 mation requested under clause (i) shall be  
10 submitted to the Secretary by not later  
11 than 7 business days after the date of re-  
12 ceipt by the State of the request.”;

13 (7) by inserting after subsection (k) the fol-  
14 lowing:

15 “(l) ANNUAL GRANT APPLICATION AND REPORTING  
16 REQUIREMENTS.—

17 “(1) ANNUAL GRANT APPLICATION.—

18 “(A) IN GENERAL.—To be eligible to re-  
19 ceive grant funds under this chapter for a fiscal  
20 year, each State shall submit to the Secretary  
21 an annual grant application that, as determined  
22 by the Secretary—

23 “(i) demonstrates alignment with the  
24 approved triennial highway safety plan of  
25 the State; and



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1 the previous report of the State under  
2 paragraph (2); and

3 “(iv) an application for any additional  
4 grants available to the State under this  
5 chapter.

6 “(D) REVIEW.—The Secretary shall review  
7 and approve or disapprove an annual grant ap-  
8 plication under this paragraph by not later than  
9 60 days after the date of submission of the ap-  
10 plication.

11 “(2) REPORTING REQUIREMENTS.—Not later  
12 than 120 days after the end of each fiscal year for  
13 which a grant is provided to a State under this  
14 chapter, the State shall submit to the Secretary an  
15 annual report that includes—

16 “(A) an assessment of the progress made  
17 by the State in achieving the performance tar-  
18 gets identified in the triennial highway safety  
19 plan of the State, based on the most currently  
20 available Fatality Analysis Reporting System  
21 data; and

22 “(B)(i) a description of the extent to which  
23 progress made in achieving those performance  
24 targets is aligned with the triennial highway  
25 safety plan of the State; and

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1           “(ii) if applicable, any plans of the State to  
2           adjust a strategy for programming funds to  
3           achieve the performance targets.”;

4           (8) in subsection (m)(1), by striking “a State’s  
5           highway safety plan” and inserting “the applicable  
6           triennial highway safety plan of the State”; and

7           (9) by striking subsection (n) and inserting the  
8           following:

9           “(n) PUBLIC TRANSPARENCY.—

10           “(1) IN GENERAL.—The Secretary shall pub-  
11           licly release on a Department of Transportation  
12           website, by not later than 45 calendar days after the  
13           applicable date of availability—

14           “(A) each triennial highway safety plan ap-  
15           proved by the Secretary under subsection (k);

16           “(B) each State performance target under  
17           subsection (k); and

18           “(C) an evaluation of State achievement of  
19           applicable performance targets under subsection  
20           (k).

21           “(2) STATE HIGHWAY SAFETY PLAN  
22           WEBSITE.—

23           “(A) IN GENERAL.—In carrying out para-  
24           graph (1), the Secretary shall establish a public  
25           website that is easily accessible, navigable, and





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1 provided under this section, that the  
2 State proposes to use to carry out the  
3 triennial highway safety plan of the  
4 State.”.

5 (b) **EFFECTIVE DATE.**—The amendments made by  
6 subsection (a) shall take effect with respect to any grant  
7 application or State highway safety plan submitted under  
8 chapter 4 of title 23, United States Code, for fiscal year  
9 2024 or thereafter.

10 **SEC. 9103. HIGHWAY SAFETY RESEARCH AND DEVELOP-**  
11 **MENT.**

12 Section 403 of title 23, United States Code, is  
13 amended—

14 (1) by striking “accident” each place it appears  
15 and inserting “crash”;

16 (2) in subsection (b)(1), in the matter pre-  
17 ceding subparagraph (A), by inserting “, training,  
18 education,” after “demonstration projects”;

19 (3) in subsection (f)(1)—

20 (A) by striking “\$2,500,000” and inserting  
21 “\$3,500,000”; and

22 (B) by striking “subsection 402(c) in each  
23 fiscal year ending before October 1, 2015, and  
24 \$443,989 of the total amount available for ap-  
25 portionment to the States for highway safety

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1 programs under section 402(c) in the period be-  
2 ginning on October 1, 2015, and ending on De-  
3 cember 4, 2015,” and inserting “section 402(c)  
4 in each fiscal year”;

5 (4) in subsection (h)—

6 (A) in paragraph (2), by striking “2017  
7 through 2021 not more than \$26,560,000’ to  
8 conduct the research described in paragraph  
9 (1)” and inserting “2022 through 2025, not  
10 more than \$45,000,000 to conduct the research  
11 described in paragraph (2)”;

12 (B) in paragraph (5)(A), by striking “sec-  
13 tion 30102(a)(6)” and inserting “section  
14 30102(a)”;

15 (C) by redesignating paragraphs (1), (2),  
16 (3), (4), and (5) as paragraphs (2), (3), (4),  
17 (5), and (1), respectively, and moving the para-  
18 graphs so as to appear in numerical order; and  
19 (5) by adding at the end the following:

20 “(k) CHILD SAFETY CAMPAIGN.—

21 “(1) IN GENERAL.—The Secretary shall carry  
22 out an education campaign to reduce the incidence  
23 of vehicular heatstroke of children left in passenger  
24 motor vehicles (as defined in section 30102(a) of  
25 title 49).

1           “(2) ADVERTISING.—The Secretary may use, or  
2 authorize the use of, funds made available to carry  
3 out this section to pay for the development, produc-  
4 tion, and use of broadcast and print media adver-  
5 tising and Internet-based outreach for the education  
6 campaign under paragraph (1).

7           “(3) COORDINATION.—In carrying out the edu-  
8 cation campaign under paragraph (1), the Secretary  
9 shall coordinate with—

10           “(A) interested State and local govern-  
11 ments;

12           “(B) private industry; and

13           “(C) other parties, as determined by the  
14 Secretary.

15           “(1) DEVELOPMENT OF STATE PROCESSES FOR IN-  
16 FORMING CONSUMERS OF RECALLS.—

17           “(1) DEFINITIONS.—In this subsection:

18           “(A) MOTOR VEHICLE.—The term ‘motor  
19 vehicle’ has the meaning given the term in sec-  
20 tion 30102(a) of title 49.

21           “(B) OPEN RECALL.—The term ‘open re-  
22 call’ means a motor vehicle recall—

23           “(i) for which a notification by a man-  
24 ufacturer has been provided under section  
25 30119 of title 49; and

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1                   “(ii) that has not been remedied  
2                   under section 30120 of that title.

3                   “(C) PROGRAM.—The term ‘program’  
4                   means the program established under para-  
5                   graph (2)(A).

6                   “(D) REGISTRATION.—The term ‘registra-  
7                   tion’ means the process for registering a motor  
8                   vehicle in a State (including registration re-  
9                   newal).

10                  “(E) STATE.—The term ‘State’ has the  
11                  meaning given the term in section 101(a).

12                  “(2) GRANTS.—

13                  “(A) ESTABLISHMENT OF PROGRAM.—Not  
14                  later than 2 years after the date of enactment  
15                  of this subsection, the Secretary shall establish  
16                  a program under which the Secretary shall pro-  
17                  vide grants to States for use in developing and  
18                  implementing State processes for informing  
19                  each applicable owner and lessee of a motor ve-  
20                  hicle of any open recall on the motor vehicle at  
21                  the time of registration of the motor vehicle in  
22                  the State, in accordance with this paragraph.

23                  “(B) ELIGIBILITY.—To be eligible to re-  
24                  ceive a grant under the program, a State  
25                  shall—

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1 “(i) submit to the Secretary an appli-  
2 cation at such time, in such manner, and  
3 containing such information as the Sec-  
4 retary may require; and

5 “(ii) agree—

6 “(I) to notify each owner or les-  
7 see of a motor vehicle presented for  
8 registration in the State of any open  
9 recall on that motor vehicle; and

10 “(II) to provide to each owner or  
11 lessee of a motor vehicle presented for  
12 registration, at no cost—

13 “(aa) the open recall infor-  
14 mation for the motor vehicle; and

15 “(bb) such other information  
16 as the Secretary may require.

17 “(C) FACTORS FOR CONSIDERATION.—In  
18 selecting grant recipients under the program,  
19 the Secretary shall take into consideration the  
20 methodology of a State for—

21 “(i) identifying open recalls on a  
22 motor vehicle;

23 “(ii) informing each owner and lessee  
24 of a motor vehicle of an open recall; and

25 “(iii) measuring performance in—

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1 “(I) informing owners and lessees  
2 of open recalls; and

3 “(II) remedying open recalls.

4 “(D) PERFORMANCE PERIOD.—A grant  
5 provided under the program shall require a per-  
6 formance period of 2 years.

7 “(E) REPORT.—Not later than 90 days  
8 after the date of completion of the performance  
9 period under subparagraph (D), each State that  
10 receives a grant under the program shall submit  
11 to the Secretary a report that contains such in-  
12 formation as the Secretary considers to be nec-  
13 essary to evaluate the extent to which open re-  
14 calls have been remedied in the State.

15 “(F) NO REGULATIONS REQUIRED.—Not-  
16 withstanding any other provision of law, the  
17 Secretary shall not be required to issue any reg-  
18 ulations to carry out the program.

19 “(3) PAPERWORK REDUCTION ACT.—Chapter  
20 35 of title 44 (commonly known as the ‘Paperwork  
21 Reduction Act’) shall not apply to information col-  
22 lected under the program.

23 “(4) FUNDING.—

24 “(A) IN GENERAL.—For each of fiscal  
25 years 2022 through 2026, the Secretary shall

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1 obligate from funds made available to carry out  
2 this section \$1,500,000 to carry out the pro-  
3 gram.

4 “(B) REALLOCATION.—To ensure, to the  
5 maximum extent practicable, that all amounts  
6 described in subparagraph (A) are obligated  
7 each fiscal year, the Secretary, before the last  
8 day of any fiscal year, may reallocate any of  
9 those amounts remaining available to increase  
10 the amounts made available to carry out any  
11 other activities authorized under this section.

12 “(m) INNOVATIVE HIGHWAY SAFETY COUNTER-  
13 MEASURES.—

14 “(1) IN GENERAL.—In conducting research  
15 under this section, the Secretary shall evaluate the  
16 effectiveness of innovative behavioral traffic safety  
17 countermeasures, other than traffic enforcement,  
18 that are considered promising or likely to be effec-  
19 tive for the purpose of enriching revisions to the doc-  
20 ument entitled ‘Countermeasures That Work: A  
21 Highway Safety Countermeasure Guide for State  
22 Highway Safety Offices, Ninth Edition’ and num-  
23 bered DOT HS 812 478 (or any successor docu-  
24 ment).

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1           “(2) TREATMENT.—The research described in  
2           paragraph (1) shall be in addition to any other re-  
3           search carried out under this section.”.

4 **SEC. 9104. HIGH-VISIBILITY ENFORCEMENT PROGRAMS.**

5           Section 404(a) of title 23, United States Code, is  
6           amended by striking “each of fiscal years 2016 through  
7           2020” and inserting “each of fiscal years 2022 through  
8           2026”.

9 **SEC. 9105. NATIONAL PRIORITY SAFETY PROGRAMS.**

10          (a) IN GENERAL.—Section 405 of title 23, United  
11          States Code, is amended—

12                 (1) in subsection (a)—

13                         (A) by striking paragraphs (6) and (9);

14                         (B) by redesignating paragraphs (1)  
15                         through (5) as paragraphs (2) through (6), re-  
16                         spectively;

17                         (C) by striking the subsection designation  
18                         and heading and all that follows through “the  
19                         following:” in the matter preceding paragraph  
20                         (2) (as so redesignated) and inserting the fol-  
21                         lowing:

22           “(a) PROGRAM AUTHORITY.—

23                         “(1) IN GENERAL.—Subject to the require-  
24                         ments of this section, the Secretary shall—



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1           “(A) manage programs to address national  
2 priorities for reducing highway deaths and inju-  
3 ries; and

4           “(B) allocate funds for the purpose de-  
5 scribed in subparagraph (A) in accordance with  
6 this subsection.”;

7           (D) in paragraph (4) (as so redesignated),  
8 by striking “52.5 percent” and inserting “53  
9 percent”;

10           (E) in paragraph (7)—

11                 (i) by striking “5 percent” and insert-  
12 ing “7 percent”; and

13                 (ii) by striking “subsection (h)” and  
14 inserting “subsection (g)”;

15           (F) by redesignating paragraphs (8) and  
16 (10) as paragraphs (10) and (11), respectively;

17           (G) by inserting after paragraph (7) the  
18 following:

19           “(8) PREVENTING ROADSIDE DEATHS.—In each  
20 fiscal year, 1 percent of the funds provided under  
21 this section shall be allocated among States that  
22 meet requirements with respect to preventing road-  
23 side deaths under subsection (h).

24           “(9) DRIVER OFFICER SAFETY EDUCATION.—In  
25 each fiscal year, 1.5 percent of the funds provided

1050

1 under this section shall be allocated among States  
2 that meet requirements with respect to driver and  
3 officer safety education under subsection (i).”; and

4 (H) in paragraph (10) (as so redesign-  
5 nated)—

6 (i) by striking “(1) through (7)” and  
7 inserting “(2) through (9)”; and

8 (ii) by striking “(b) through (h)” and  
9 inserting “(b) through (i)”;  
10 (2) in subsection (b)—

11 (A) in paragraph (1), by striking “of  
12 Transportation”;

13 (B) in paragraph (3)(B)(ii)(VI)(aa), by  
14 striking “3-year” and inserting “5-year”; and

15 (C) in paragraph (4)—

16 (i) in subparagraph (A), by striking  
17 clause (v) and inserting the following:

18 “(v) implement programs—

19 “(I) to recruit and train nation-  
20 ally certified child passenger safety  
21 technicians among police officers, fire  
22 and other first responders, emergency  
23 medical personnel, and other individ-  
24 uals or organizations serving low-in-  
25 come and underserved populations;

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1                   “(II) to educate parents and  
2                   caregivers in low-income and under-  
3                   served populations regarding the im-  
4                   portance of proper use and correct in-  
5                   stallation of child restraints on every  
6                   trip in a motor vehicle; and

7                   “(III) to purchase and distribute  
8                   child restraints to low-income and un-  
9                   derserved populations; and”;

10                   (ii) by striking subparagraph (B) and  
11                   inserting the following:

12                   “(B) REQUIREMENTS.—Each State that is  
13                   eligible to receive funds—

14                   “(i) under paragraph (3)(A) shall  
15                   use—

16                   “(I) not more than 90 percent of  
17                   those funds to carry out a project or  
18                   activity eligible for funding under sec-  
19                   tion 402; and

20                   “(II) not less than 10 percent of  
21                   those funds to carry out subparagraph  
22                   (A)(v); and

23                   “(ii) under paragraph (3)(B) shall use  
24                   not less than 10 percent of those funds to

1052

1 carry out the activities described in sub-  
2 paragraph (A)(v).”;

3 (3) in subsection (c)—

4 (A) in paragraph (1)—

5 (i) in the matter preceding subpara-  
6 graph (A), by striking “of Transpor-  
7 tation”; and

8 (ii) in subparagraph (D), by striking  
9 “States; and” and inserting “States, in-  
10 cluding the National EMS Information  
11 System;”;

12 (B) in paragraph (3)—

13 (i) by striking the paragraph designa-  
14 tion and heading and all that follows  
15 through “has a functioning” in subpara-  
16 graph (A) and inserting the following:

17 “(3) ELIGIBILITY.—A State shall not be eligible  
18 to receive a grant under this subsection for a fiscal  
19 year unless the State—

20 “(A) has certified to the Secretary that the  
21 State—

22 “(i) has a functioning”;

23 (ii) in subparagraph (B)—

24 (I) by adding “and” after the  
25 semicolon at the end; and

1053

1 (II) by redesignating the sub-  
2 paragraph as clause (ii) of subpara-  
3 graph (A) and indenting the clause  
4 appropriately;

5 (iii) in subparagraph (C)—

6 (I) by adding “and” after the  
7 semicolon at the end; and

8 (II) by redesignating the sub-  
9 paragraph as clause (iii) of subpara-  
10 graph (A) and indenting the clause  
11 appropriately;

12 (iv) by redesignating subparagraph  
13 (D) as subparagraph (B);

14 (v) in clause (vi) of subparagraph (B)  
15 (as so redesignated), by striking “; and”  
16 and inserting a period; and

17 (vi) by striking subparagraph (E);

18 (C) by striking paragraph (4) and insert-  
19 ing the following:

20 “(4) USE OF GRANT AMOUNTS.—A State may  
21 use a grant received under this subsection to make  
22 data program improvements to core highway safety  
23 databases relating to quantifiable, measurable  
24 progress in any significant data program attribute  
25 described in paragraph (3)(B), including through—

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1           “(A) software or applications to identify,  
2 collect, and report data to State and local gov-  
3 ernment agencies, and enter data into State  
4 core highway safety databases, including crash,  
5 citation or adjudication, driver, emergency med-  
6 ical services or injury surveillance system, road-  
7 way, and vehicle data;

8           “(B) purchasing equipment to improve a  
9 process by which data are identified, collated,  
10 and reported to State and local government  
11 agencies, including technology for use by law  
12 enforcement for near-real time, electronic re-  
13 porting of crash data;

14           “(C) improving the compatibility and inter-  
15 operability of the core highway safety databases  
16 of the State with national data systems and  
17 data systems of other States, including the Na-  
18 tional EMS Information System;

19           “(D) enhancing the ability of a State and  
20 the Secretary to observe and analyze local,  
21 State, and national trends in crash occurrences,  
22 rates, outcomes, and circumstances;

23           “(E) supporting traffic records improve-  
24 ment training and expenditures for law enforce-

1055

1           ment, emergency medical, judicial, prosecu-  
2           torial, and traffic records professionals;

3           “(F) hiring traffic records professionals for  
4           the purpose of improving traffic information  
5           systems (including a State Fatal Accident Re-  
6           porting System (FARS) liaison);

7           “(G) adoption of the Model Minimum Uni-  
8           form Crash Criteria, or providing to the public  
9           information regarding why any of those criteria  
10          will not be used, if applicable;

11          “(H) supporting reporting criteria relating  
12          to emerging topics, including—

13                 “(i) impaired driving as a result of  
14                 drug, alcohol, or polysubstance consump-  
15                 tion; and

16                 “(ii) advanced technologies present on  
17                 motor vehicles; and

18          “(I) conducting research relating to State  
19          traffic safety information systems, including de-  
20          veloping programs to improve core highway  
21          safety databases and processes by which data  
22          are identified, collected, reported to State and  
23          local government agencies, and entered into  
24          State core safety databases.”; and

25                 (D) by adding at the end the following:

1056

1 “(6) TECHNICAL ASSISTANCE.—

2 “(A) IN GENERAL.—The Secretary shall  
3 provide technical assistance to States, regard-  
4 less of whether a State receives a grant under  
5 this subsection, with respect to improving the  
6 timeliness, accuracy, completeness, uniformity,  
7 integration, and public accessibility of State  
8 safety data that are needed to identify priorities  
9 for Federal, State, and local highway and traf-  
10 fic safety programs, including on adoption by a  
11 State of the Model Minimum Uniform Crash  
12 Criteria.

13 “(B) FUNDS.—The Secretary may use not  
14 more than 3 percent of the amounts available  
15 under this subsection to carry out subparagraph  
16 (A).”;

17 (4) in subsection (d)—

18 (A) in paragraph (4)—

19 (i) in subparagraph (B)—

20 (I) by striking clause (iii) and in-  
21 sserting the following:

22 “(iii) court support of impaired driv-  
23 ing prevention efforts, including—

24 “(I) hiring criminal justice pro-  
25 fessionals, including law enforcement



1057

1 officers, prosecutors, traffic safety re-  
2 source prosecutors, judges, judicial  
3 outreach liaisons, and probation offi-  
4 cers;

5 “(II) training and education of  
6 those professionals to assist the pro-  
7 fessionals in preventing impaired driv-  
8 ing and handling impaired driving  
9 cases, including by providing com-  
10 pensation to a law enforcement officer  
11 to carry out safety grant activities to  
12 replace a law enforcement officer who  
13 is receiving drug recognition expert  
14 training or participating as an in-  
15 structor in that drug recognition ex-  
16 pert training; and

17 “(III) establishing driving while  
18 intoxicated courts;”;

19 (II) by striking clause (v) and in-  
20 sserting the following:

21 “(v) improving blood alcohol and drug  
22 concentration screening and testing, detec-  
23 tion of potentially impairing drugs (includ-  
24 ing through the use of oral fluid as a speci-

1058

1 men), and reporting relating to testing and  
2 detection;”;

3 (III) in clause (vi), by striking  
4 “conducting standardized field sobri-  
5 ety training, advanced roadside im-  
6 paired driving evaluation training,  
7 and” and inserting “conducting initial  
8 and continuing standardized field so-  
9 briety training, advanced roadside im-  
10 paired driving evaluation training, law  
11 enforcement phlebotomy training,  
12 and”;

13 (IV) in clause (ix), by striking  
14 “and” at the end;

15 (V) in clause (x), by striking the  
16 period at the end and inserting “;  
17 and”;

18 (VI) by adding at the end the fol-  
19 lowing:

20 “(xi) testing and implementing pro-  
21 grams, and purchasing technologies, to  
22 better identify, monitor, or treat impaired  
23 drivers, including—

24 “(I) oral fluid-screening tech-  
25 nologies;

1059

1                   “(II) electronic warrant pro-  
2                   grams;

3                   “(III) equipment to increase the  
4                   scope, quantity, quality, and timeli-  
5                   ness of forensic toxicology chemical  
6                   testing;

7                   “(IV) case management software  
8                   to support the management of im-  
9                   paired driving offenders; and

10                   “(V) technology to monitor im-  
11                   paired-driving offenders, and equip-  
12                   ment and related expenditures used in  
13                   connection with impaired-driving en-  
14                   forcement in accordance with criteria  
15                   established by the National Highway  
16                   Traffic Safety Administration.”; and

17                   (ii) in subparagraph (C)—

18                   (I) in the second sentence, by  
19                   striking “Medium-range” and insert-  
20                   ing the following:

21                   “(ii) MEDIUM-RANGE AND HIGH-  
22                   RANGE STATES.—Subject to clause (iii),  
23                   medium-range”;

1060

1 (II) in the first sentence, by  
2 striking “Low-range” and inserting  
3 the following:

4 “(i) LOW-RANGE STATES.—Subject to  
5 clause (iii), low-range”; and

6 (III) by adding at the end the  
7 following:

8 “(iii) REPORTING AND IMPAIRED  
9 DRIVING MEASURES.—A State may use  
10 grant funds for any expenditure relating  
11 to—

12 “(I) increasing the timely and ac-  
13 curate reporting to Federal, State,  
14 and local databases of—

15 “(aa) crash information, in-  
16 cluding electronic crash reporting  
17 systems that allow accurate real-  
18 or near-real-time uploading of  
19 crash information; and

20 “(bb) impaired driving  
21 criminal justice information; or

22 “(II) researching or evaluating  
23 impaired driving countermeasures.”;

24 (B) in paragraph (6)—

1061

1 (i) by striking subparagraph (A) and  
2 inserting the following:

3 “(A) GRANTS TO STATES WITH ALCOHOL-  
4 IGNITION INTERLOCK LAWS.—The Secretary  
5 shall make a separate grant under this sub-  
6 section to each State that—

7 “(i) adopts, and is enforcing, a man-  
8 datory alcohol-ignition interlock law for all  
9 individuals convicted of driving under the  
10 influence of alcohol or of driving while in-  
11 toxicated;

12 “(ii) does not allow an individual con-  
13 victed of driving under the influence of al-  
14 cohol or of driving while intoxicated to re-  
15 ceive any driving privilege or driver’s li-  
16 cense unless the individual installs on each  
17 motor vehicle registered, owned, or leased  
18 for operation by the individual an ignition  
19 interlock for a period of not less than 180  
20 days; or

21 “(iii) has in effect, and is enforcing—

22 “(I) a State law requiring for  
23 any individual who is convicted of, or  
24 the driving privilege of whom is re-  
25 voked or denied for, refusing to sub-

1062

1 mit to a chemical or other appropriate  
2 test for the purpose of determining  
3 the presence or concentration of any  
4 intoxicating substance, a State law re-  
5 quiring a period of not less than 180  
6 days of ignition interlock installation  
7 on each motor vehicle to be operated  
8 by the individual; and

9 “(II) a compliance-based removal  
10 program, under which an individual  
11 convicted of driving under the influ-  
12 ence of alcohol or of driving while in-  
13 toxicated shall—

14 “(aa) satisfy a period of not  
15 less than 180 days of ignition  
16 interlock installation on each  
17 motor vehicle to be operated by  
18 the individual; and

19 “(bb) have completed a min-  
20 imum consecutive period of not  
21 less than 40 percent of the re-  
22 quired period of ignition interlock  
23 installation immediately pre-  
24 ceding the date of release of the

1063

1 individual, without a confirmed  
2 violation.”; and

3 (ii) in subparagraph (D), by striking  
4 “2009” and inserting “2022”; and

5 (C) in paragraph (7)(A), in the matter  
6 preceding clause (i), by inserting “or local”  
7 after “authorizes a State”;

8 (5) in subsection (e)—

9 (A) by striking paragraphs (6) and (8);

10 (B) by redesignating paragraphs (1), (2),  
11 (3), (4), (5), (7), and (9) as paragraphs (2),  
12 (4), (6), (7), (8), (9), and (1), respectively, and  
13 moving the paragraphs so as to appear in nu-  
14 merical order;

15 (C) in paragraph (1) (as so redesign-  
16 ated)—

17 (i) in the matter preceding subpara-  
18 graph (A), by striking “, the following defi-  
19 nitions apply”;

20 (ii) by striking subparagraph (B) and  
21 inserting the following:

22 “(B) PERSONAL WIRELESS COMMUNICA-  
23 TIONS DEVICE.—

1064

1 “(i) IN GENERAL.—The term ‘per-  
2 sonal wireless communications device’  
3 means—

4 “(I) a device through which per-  
5 sonal wireless services (as defined in  
6 section 332(c)(7)(C) of the Commu-  
7 nications Act of 1934 (47 U.S.C.  
8 332(c)(7)(C))) are transmitted; and

9 “(II) a mobile telephone or other  
10 portable electronic communication de-  
11 vice with which a user engages in a  
12 call or writes, sends, or reads a text  
13 message using at least 1 hand.

14 “(ii) EXCLUSION.—The term ‘per-  
15 sonal wireless communications device’ does  
16 not include a global navigation satellite  
17 system receiver used for positioning, emer-  
18 gency notification, or navigation pur-  
19 poses.”; and

20 (iii) by striking subparagraph (E) and  
21 inserting the following:

22 “(E) TEXT.—The term ‘text’ means—

23 “(i) to read from, or manually to  
24 enter data into, a personal wireless com-  
25 munications device, including for the pur-



1065

1 pose of SMS texting, emailing, instant  
2 messaging, or any other form of electronic  
3 data retrieval or electronic data commu-  
4 nication; and

5 “(ii) manually to enter, send, or re-  
6 trieve a text message to communicate with  
7 another individual or device.

8 “(F) TEXT MESSAGE.—

9 “(i) IN GENERAL.—The term ‘text  
10 message’ means—

11 “(I) a text-based message;

12 “(II) an instant message;

13 “(III) an electronic message; and

14 “(IV) email.

15 “(ii) EXCLUSIONS.—The term ‘text  
16 message’ does not include—

17 “(I) an emergency, traffic, or  
18 weather alert; or

19 “(II) a message relating to the  
20 operation or navigation of a motor ve-  
21 hicle.”;

22 (D) by striking paragraph (2) (as so reded-  
23 icated) and inserting the following:

24 “(2) GRANT PROGRAM.—The Secretary shall  
25 provide a grant under this subsection to any State

1066

1 that includes distracted driving awareness as part of  
2 the driver's license examination of the State.

3 “(3) ALLOCATION.—

4 “(A) IN GENERAL.—For each fiscal year,  
5 not less than 50 percent of the amounts made  
6 available to carry out this subsection shall be  
7 allocated to States, based on the proportion  
8 that—

9 “(i) the apportionment of the State  
10 under section 402 for fiscal year 2009;  
11 bears to

12 “(ii) the apportionment of all States  
13 under section 402 for that fiscal year.

14 “(B) GRANTS FOR STATES WITH DIS-  
15 TRACTED DRIVING LAWS.—

16 “(i) IN GENERAL.—In addition to the  
17 allocations under subparagraph (A), for  
18 each fiscal year, not more than 50 percent  
19 of the amounts made available to carry out  
20 this subsection shall be allocated to States  
21 that enact and enforce a law that meets  
22 the requirements of paragraph (4), (5), or  
23 (6)—

24 “(I) based on the proportion  
25 that—

1067

1                   “(aa) the apportionment of  
2                   the State under section 402 for  
3                   fiscal year 2009; bears to

4                   “(bb) the apportionment of  
5                   all States under section 402 for  
6                   that fiscal year; and

7                   “(II) subject to clauses (ii), (iii),  
8                   and (iv), as applicable.

9                   “(ii) PRIMARY LAWS.—Subject to  
10                  clause (iv), in the case of a State that en-  
11                  acts and enforces a law that meets the re-  
12                  quirements of paragraph (4), (5), or (6) as  
13                  a primary offense, the allocation to the  
14                  State under this subparagraph shall be  
15                  100 percent of the amount calculated to be  
16                  allocated to the State under clause (i)(I).

17                  “(iii) SECONDARY LAWS.—Subject to  
18                  clause (iv), in the case of a State that en-  
19                  acts and enforces a law that meets the re-  
20                  quirements of paragraph (4), (5), or (6) as  
21                  a secondary enforcement action, the alloca-  
22                  tion to the State under this subparagraph  
23                  shall be an amount equal to 50 percent of  
24                  the amount calculated to be allocated to  
25                  the State under clause (i)(I).

1068

1           “(iv) TEXTING WHILE DRIVING.—Not-  
2           withstanding clauses (ii) and (iii), the allo-  
3           cation under this subparagraph to a State  
4           that enacts and enforces a law that pro-  
5           hibits a driver from viewing a personal  
6           wireless communications device (except for  
7           purposes of navigation) shall be 25 percent  
8           of the amount calculated to be allocated to  
9           the State under clause (i)(I).”;

10           (E) in paragraph (4) (as so redesis-  
11           gnated)—

12           (i) in the matter preceding subpara-  
13           graph (A), by striking “set forth in this”  
14           and inserting “of this”;

15           (ii) by striking subparagraph (B);

16           (iii) by redesignating subparagraphs  
17           (C) and (D) as subparagraphs (B) and  
18           (C), respectively;

19           (iv) in subparagraph (B) (as so redesis-  
20           gnated), by striking “minimum”; and

21           (v) in subparagraph (C) (as so redesis-  
22           gnated), by striking “text through a per-  
23           sonal wireless communication device” and  
24           inserting “use a personal wireless commu-  
25           nications device for texting”;

1069

1 (F) by inserting after paragraph (4) (as so  
2 redesignated) the following:

3 “(5) PROHIBITION ON HANDHELD PHONE USE  
4 WHILE DRIVING.—A State law meets the require-  
5 ments of this paragraph if the law—

6 “(A) prohibits a driver from holding a per-  
7 sonal wireless communications device while driv-  
8 ing;

9 “(B) establishes a fine for a violation of  
10 that law; and

11 “(C) does not provide for an exemption  
12 that specifically allows a driver to use a per-  
13 sonal wireless communications device for  
14 texting while stopped in traffic.”;

15 (G) in paragraph (6) (as so redesign-  
16 nated)—

17 (i) in the matter preceding subpara-  
18 graph (A), by striking “set forth in this”  
19 and inserting “of this”;

20 (ii) in subparagraph (A)(ii), by strik-  
21 ing “set forth in subsection (g)(2)(B)”;

22 (iii) by striking subparagraphs (B)  
23 and (D);

24 (iv) by redesignating subparagraph  
25 (C) as subparagraph (B);

1070

1 (v) in subparagraph (B) (as so rededesignated), by striking “minimum”; and

2  
3 (vi) by adding at the end the following:

4  
5 “(C) does not provide for—

6 “(i) an exemption that specifically allows a driver to use a personal wireless communications device for texting while stopped in traffic; or

7  
8  
9  
10 “(ii) an exemption described in paragraph (7)(E).”; and

11  
12 (H) in paragraph (7) (as so redesignated)—

13  
14 (i) in the matter preceding subparagraph (A), by striking “set forth in paragraph (2) or (3)” and inserting “of paragraph (4), (5), or (6)”;

15  
16  
17  
18 (ii) by striking subparagraph (A) and inserting the following:

19  
20 “(A) a driver who uses a personal wireless communications device during an emergency to contact emergency services to prevent injury to persons or property;”;

21  
22  
23  
24 (iii) in subparagraph (C), by striking  
25 “and” at the end;

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1 (iv) by redesignating subparagraph  
2 (D) as subparagraph (F); and

3 (v) by inserting after subparagraph  
4 (C) the following:

5 “(D) a driver who uses a personal wireless  
6 communications device for navigation;

7 “(E) except for a law described in para-  
8 graph (6), the use of a personal wireless com-  
9 munications device—

10 “(i) in a hands-free manner;

11 “(ii) with a hands-free accessory; or

12 “(iii) with the activation or deactiva-  
13 tion of a feature or function of the per-  
14 sonal wireless communications device with  
15 the motion of a single swipe or tap of the  
16 finger of the driver; and”;

17 (6) in subsection (f)(3)—

18 (A) in subparagraph (A)(i), by striking  
19 “accident” and inserting “crash”;

20 (B) by redesignating subparagraphs (C)  
21 through (F) as subparagraphs (D) through (G),  
22 respectively;

23 (C) by inserting after subparagraph (B)  
24 the following:

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1           “(C) HELMET LAW.—A State law requir-  
2           ing the use of a helmet for each motorcycle  
3           rider under the age of 18.”; and

4           (D) in subparagraph (F) (as so redesign-  
5           ated), in the subparagraph heading, by strik-  
6           ing “ACCIDENTS” and inserting “CRASHES”;

7           (7) by striking subsection (g);

8           (8) by redesignating subsection (h) as sub-  
9           section (g);

10          (9) in subsection (g) (as so redesignated)—

11           (A) by redesignating paragraphs (1)  
12           through (5) as paragraphs (2) through (6), re-  
13           spectively;

14           (B) by inserting before paragraph (2) (as  
15           so redesignated) the following:

16          “(1) DEFINITION OF NONMOTORIZED ROAD  
17          USER.—In this subsection, the term ‘nonmotorized  
18          road user’ means—

19           “(A) a pedestrian;

20           “(B) an individual using a nonmotorized  
21           mode of transportation, including a bicycle, a  
22           scooter, or a personal conveyance; and

23           “(C) an individual using a low-speed or  
24           low-horsepower motorized vehicle, including an  
25           electric bicycle, electric scooter, personal mobil-



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1           ity assistance device, personal transporter, or  
2           all-terrain vehicle.”;

3           (C) in paragraph (2) (as so redesignated),  
4           by striking “pedestrian and bicycle fatalities  
5           and injuries that result from crashes involving  
6           a motor vehicle” and inserting “nonmotorized  
7           road user fatalities involving a motor vehicle in  
8           transit on a traffieway”;

9           (D) in paragraph (4) (as so redesignated),  
10          by striking “pedestrian and bicycle” and insert-  
11          ing “nonmotorized road user”; and

12          (E) by striking paragraph (5) (as so redesi-  
13          gnated) and inserting the following:

14          “(5) USE OF GRANT AMOUNTS.—Grant funds  
15          received by a State under this subsection may be  
16          used for the safety of nonmotorized road users, in-  
17          cluding—

18                 “(A) training of law enforcement officials  
19                 relating to nonmotorized road user safety, State  
20                 laws applicable to nonmotorized road user safe-  
21                 ty, and infrastructure designed to improve non-  
22                 motorized road user safety;

23                 “(B) carrying out a program to support  
24                 enforcement mobilizations and campaigns de-

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1 signed to enforce State traffic laws applicable to  
2 nonmotorized road user safety;

3 “(C) public education and awareness pro-  
4 grams designed to inform motorists and non-  
5 motorized road users regarding—

6 “(i) nonmotorized road user safety,  
7 including information relating to non-  
8 motorized mobility and the importance of  
9 speed management to the safety of non-  
10 motorized road users;

11 “(ii) the value of the use of non-  
12 motorized road user safety equipment, in-  
13 cluding lighting, conspicuity equipment,  
14 mirrors, helmets, and other protective  
15 equipment, and compliance with any State  
16 or local laws requiring the use of that  
17 equipment;

18 “(iii) State traffic laws applicable to  
19 nonmotorized road user safety, including  
20 the responsibilities of motorists with re-  
21 spect to nonmotorized road users; and

22 “(iv) infrastructure designed to im-  
23 prove nonmotorized road user safety; and

24 “(D) the collection of data, and the estab-  
25 lishment and maintenance of data systems, re-



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1           “(ii) in the case of a motor vehicle  
2           that is used for emergency response activi-  
3           ties, is capable of sending alerts to civilian  
4           drivers to protect first responders on the  
5           scene and en route;

6           “(B) to educate the public regarding the  
7           safety of vehicles and individuals stopped at the  
8           roadside in the State through public informa-  
9           tion campaigns for the purpose of reducing  
10          roadside deaths and injury;

11          “(C) for law enforcement costs relating to  
12          enforcing State laws to protect the safety of ve-  
13          hicles and individuals stopped at the roadside;

14          “(D) for programs to identify, collect, and  
15          report to State and local government agencies  
16          data relating to crashes involving vehicles and  
17          individuals stopped at the roadside; and

18          “(E) to pilot and incentivize measures, in-  
19          cluding optical visibility measures, to increase  
20          the visibility of stopped and disabled vehicles.

21          “(5) GRANT AMOUNT.—The allocation of grant  
22          funds to a State under this subsection for a fiscal  
23          year shall be in proportion to the apportionment of  
24          that State under section 402 for fiscal year 2022.

25          “(i) DRIVER AND OFFICER SAFETY EDUCATION.—

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1           “(1) DEFINITION OF PEACE OFFICER.—In this  
2 subsection, the term ‘peace officer’ includes any indi-  
3 vidual—

4           “(A) who is an elected, appointed, or em-  
5 ployed agent of a government entity;

6           “(B) who has the authority—

7           “(i) to carry firearms; and

8           “(ii) to make warrantless arrests; and

9           “(C) whose duties involve the enforcement  
10 of criminal laws of the United States.

11           “(2) GRANTS.—Subject to the requirements of  
12 this subsection, the Secretary shall provide grants  
13 to—

14           “(A) States that enact or adopt a law or  
15 program described in paragraph (4); and

16           “(B) qualifying States under paragraph  
17 (7).

18           “(3) FEDERAL SHARE.—The Federal share of  
19 the cost of carrying out an activity funded through  
20 a grant under this subsection may not exceed 80  
21 percent.

22           “(4) DESCRIPTION OF LAW OR PROGRAM.—A  
23 law or program referred to in paragraph (2)(A) is  
24 a law or program that requires 1 or more of the fol-  
25 lowing:

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1           “(A) DRIVER EDUCATION AND DRIVING  
2 SAFETY COURSES.—The inclusion, in driver  
3 education and driver safety courses provided to  
4 individuals by educational and motor vehicle  
5 agencies of the State, of instruction and testing  
6 relating to law enforcement practices during  
7 traffic stops, including information relating  
8 to—

9                   “(i) the role of law enforcement and  
10 the duties and responsibilities of peace offi-  
11 cers;

12                   “(ii) the legal rights of individuals  
13 concerning interactions with peace officers;

14                   “(iii) best practices for civilians and  
15 peace officers during those interactions;

16                   “(iv) the consequences for failure of  
17 an individual or officer to comply with the  
18 law or program; and

19                   “(v) how and where to file a com-  
20 plaint against, or a compliment relating to,  
21 a peace officer.

22           “(B) PEACE OFFICER TRAINING PRO-  
23 GRAMS.—Development and implementation of a  
24 training program, including instruction and  
25 testing materials, for peace officers and reserve

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1 law enforcement officers (other than officers  
2 who have received training in a civilian course  
3 described in subparagraph (A)) with respect to  
4 proper interaction with civilians during traffic  
5 stops.

6 “(5) USE OF FUNDS.—A State may use a grant  
7 provided under this subsection for—

8 “(A) the production of educational mate-  
9 rials and training of staff for driver education  
10 and driving safety courses and peace officer  
11 training described in paragraph (4); and

12 “(B) the implementation of a law or pro-  
13 gram described in paragraph (4).

14 “(6) GRANT AMOUNT.—The allocation of grant  
15 funds to a State under this subsection for a fiscal  
16 year shall be in proportion to the apportionment of  
17 that State under section 402 for fiscal year 2022.

18 “(7) SPECIAL RULE FOR CERTAIN STATES.—

19 “(A) DEFINITION OF QUALIFYING  
20 STATE.—In this paragraph, the term ‘qualifying  
21 State’ means a State that—

22 “(i) has received a grant under this  
23 subsection for a period of not more than 5  
24 years; and

25 “(ii) as determined by the Secretary—

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1 “(I) has not fully enacted or  
2 adopted a law or program described in  
3 paragraph (4); but

4 “(II)(aa) has taken meaningful  
5 steps toward the full implementation  
6 of such a law or program; and

7 “(bb) has established a timetable  
8 for the implementation of such a law  
9 or program.

10 “(B) WITHHOLDING.—The Secretary  
11 shall—

12 “(i) withhold 50 percent of the  
13 amount that each qualifying State would  
14 otherwise receive under this subsection if  
15 the qualifying State were a State described  
16 in paragraph (2)(A); and

17 “(ii) direct any amounts withheld  
18 under clause (i) for distribution among the  
19 States that are enforcing and carrying out  
20 a law or program described in paragraph  
21 (4).”.

22 (b) TECHNICAL AMENDMENT.—Section 4010(2) of  
23 the FAST Act (23 U.S.C. 405 note; Public Law 114–94)  
24 is amended by inserting “all” before “deficiencies”.



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1 (c) EFFECTIVE DATE.—The amendments made by  
2 subsection (a) shall take effect with respect to any grant  
3 application or State highway safety plan submitted under  
4 chapter 4 of title 23, United States Code, for fiscal year  
5 2024 or thereafter.

6 **SEC. 9106. MULTIPLE SUBSTANCE-IMPAIRED DRIVING PRE-**  
7 **VENTION.**

8 (a) IMPAIRED DRIVING COUNTERMEASURES.—Sec-  
9 tion 154(c)(1) of title 23, United States Code, is amended  
10 by striking “alcohol-impaired” each place it appears and  
11 inserting “impaired”.

12 (b) COMPTROLLER GENERAL STUDY OF NATIONAL  
13 DUI REPORTING.—

14 (1) IN GENERAL.—The Comptroller General of  
15 the United States shall conduct a study of the re-  
16 porting of impaired driving arrest and citation data  
17 into Federal databases and the interstate sharing of  
18 information relating to impaired driving-related con-  
19 victions and license suspensions to facilitate the  
20 widespread identification of repeat impaired driving  
21 offenders.

22 (2) INCLUSIONS.—The study conducted under  
23 paragraph (1) shall include a detailed assessment  
24 of—

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1 (A) the extent to which State and local  
2 criminal justice agencies are reporting impaired  
3 driving arrest and citation data to Federal  
4 databases;

5 (B) barriers—

6 (i) at the Federal, State, and local  
7 levels, to the reporting of impaired driving  
8 arrest and citation data to Federal data-  
9 bases; and

10 (ii) to the use of those databases by  
11 criminal justice agencies;

12 (C) Federal, State, and local resources  
13 available to improve the reporting and sharing  
14 of impaired driving data; and

15 (D) any options or recommendations for  
16 actions that Federal agencies or Congress could  
17 take to further improve the reporting and shar-  
18 ing of impaired driving data.

19 (3) REPORT.—Not later than 1 year after the  
20 date of enactment of this Act, the Comptroller Gen-  
21 eral shall submit to the appropriate committees of  
22 Congress a report describing the results of the study  
23 conducted under this subsection.

1 **SEC. 9107. MINIMUM PENALTIES FOR REPEAT OFFENDERS**  
2 **FOR DRIVING WHILE INTOXICATED OR DRIV-**  
3 **ING UNDER THE INFLUENCE.**

4 Section 164(b)(1) of title 23, United States Code, is  
5 amended—

6 (1) in subparagraph (A), by striking “alcohol-  
7 impaired” and inserting “alcohol- or multiple sub-  
8 stance-impaired”; and

9 (2) in subparagraph (B)—

10 (A) by striking “intoxicated or driving”  
11 and inserting “intoxicated, driving while mul-  
12 tiple substance-impaired, or driving”; and

13 (B) by striking “alcohol-impaired” and in-  
14 serting “alcohol- or multiple substance-im-  
15 paired”.

16 **SEC. 9108. CRASH DATA.**

17 (a) **IN GENERAL.**—Not later than 3 years after the  
18 date of enactment of this Act, the Secretary shall revise  
19 the crash data collection system to include the collection  
20 of crash report data elements that distinguish individual  
21 personal conveyance vehicles, such as electric scooters and  
22 bicycles, from other vehicles involved in a crash.

23 (b) **COORDINATION.**—In carrying out subsection (a),  
24 the Secretary may coordinate with States to update the  
25 Model Minimum Uniform Crash Criteria to provide guid-

1 ance to States regarding the collection of information and  
2 data elements for the crash data collection system.

3 (c) VULNERABLE ROAD USERS.—

4 (1) UPDATE.—Based on the information con-  
5 tained in the vulnerable road user safety assess-  
6 ments required by subsection (f) of section 32302 of  
7 title 49, United States Code (as added by section  
8 9213(b)(2)), the Secretary shall modify existing  
9 crash data collection systems to include the collec-  
10 tion of additional crash report data elements relating  
11 to vulnerable road user safety.

12 (2) INJURY HEALTH DATA.—The Secretary  
13 shall coordinate with the Director of the Centers for  
14 Disease Control and Prevention to develop and im-  
15 plement a plan for States to combine highway crash  
16 data and injury health data to produce a national  
17 database of pedestrian injuries and fatalities,  
18 disaggregated by demographic characteristics.

19 (d) STATE ELECTRONIC DATA COLLECTION.—

20 (1) DEFINITIONS.—In this subsection:

21 (A) ELECTRONIC DATA TRANSFER.—The  
22 term “electronic data transfer” means a pro-  
23 tocol for automated electronic transfer of State  
24 crash data to the National Highway Traffic  
25 Safety Administration.

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- 1 (B) STATE.—The term “State” means—
- 2 (i) each of the 50 States;
- 3 (ii) the District of Columbia;
- 4 (iii) the Commonwealth of Puerto
- 5 Rico;
- 6 (iv) the United States Virgin Islands;
- 7 (v) Guam;
- 8 (vi) American Samoa;
- 9 (vii) the Commonwealth of the North-
- 10 ern Mariana Islands; and
- 11 (viii) the Secretary of the Interior,
- 12 acting on behalf of an Indian Tribe.

13 (2) ESTABLISHMENT OF PROGRAM.—The Sec-

14 retary shall establish a program under which the

15 Secretary shall—

16 (A) provide grants for the modernization

17 of State data collection systems to enable full

18 electronic data transfer under paragraph (3);

19 and

20 (B) upgrade the National Highway Traffic

21 Safety Administration system to manage and

22 support State electronic data transfers relating

23 to crashes under paragraph (4).

24 (3) STATE GRANTS.—

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1 (A) IN GENERAL.—The Secretary shall  
2 provide grants to States to upgrade and stand-  
3 ardize State crash data systems to enable elec-  
4 tronic data collection, intrastate data sharing,  
5 and electronic data transfers to the National  
6 Highway Traffic Safety Administration to in-  
7 crease the accuracy, timeliness, and accessibility  
8 of the data, including data relating to fatalities  
9 involving vulnerable road users.

10 (B) ELIGIBILITY.—A State shall be eligible  
11 to receive a grant under this paragraph if the  
12 State submits to the Secretary an application,  
13 at such time, in such manner, and containing  
14 such information as the Secretary may require,  
15 that includes a plan to implement full electronic  
16 data transfer to the National Highway Traffic  
17 Safety Administration by not later than 5 years  
18 after the date on which the grant is provided.

19 (C) USE OF FUNDS.—A grant provided  
20 under this paragraph may be used for the costs  
21 of—

22 (i) equipment to upgrade a statewide  
23 crash data repository;

24 (ii) adoption of electronic crash re-  
25 porting by law enforcement agencies; and

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1 (iii) increasing alignment of State  
2 crash data with the latest Model Minimum  
3 Uniform Crash Criteria.

4 (D) FEDERAL SHARE.—The Federal share  
5 of the cost of a project funded with a grant  
6 under this paragraph may be up to 80 percent.

7 (4) NATIONAL HIGHWAY TRAFFIC SAFETY AD-  
8 MINISTRATION SYSTEM UPGRADE.—The Secretary  
9 shall manage and support State electronic data  
10 transfers relating to vehicle crashes by—

11 (A) increasing the capacity of the National  
12 Highway Traffic Safety Administration system;  
13 and

14 (B) making State crash data accessible to  
15 the public.

16 (e) CRASH INVESTIGATION SAMPLING SYSTEM.—The  
17 Secretary may use funds made available to carry out this  
18 section to enhance the collection of crash data by upgrad-  
19 ing the Crash Investigation Sampling System to include—

20 (1) additional program sites;

21 (2) an expanded scope that includes all crash  
22 types; and

23 (3) on-scene investigation protocols.

24 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
25 authorized to be appropriated to the Secretary to carry

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1 out this section \$150,000,000 for each of fiscal years 2022  
2 through 2026, to remain available for a period of 3 fiscal  
3 years following the fiscal year for which the amounts are  
4 appropriated.

5 **SEC. 9109. REVIEW OF MOVE OVER OR SLOW DOWN LAW**  
6 **PUBLIC AWARENESS.**

7 (a) DEFINITION OF MOVE OVER OR SLOW DOWN  
8 LAW.—In this section, the term “Move Over or Slow  
9 Down Law” means any Federal or State law intended to  
10 ensure first responder and motorist safety by requiring  
11 motorists to change lanes or slow down when approaching  
12 an authorized emergency vehicle that is stopped or parked  
13 on or next to a roadway with emergency lights activated.

14 (b) STUDY.—

15 (1) IN GENERAL.—The Comptroller General of  
16 the United States shall carry out a study of the effi-  
17 cacy of Move Over or Slow Down Laws and related  
18 public awareness campaigns.

19 (2) INCLUSIONS.—The study under paragraph  
20 (1) shall include—

21 (A) a review of each Federal and State  
22 Move Over or Slow Down Law, including—

23 (i) penalties associated with the Move  
24 Over or Slow Down Laws;



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1 (ii) the level of enforcement of Move  
2 Over or Slow Down Laws; and

3 (iii) the applicable class of vehicles  
4 that triggers Move Over or Slow Down  
5 Laws.

6 (B) an identification and description of  
7 each Federal and State public awareness cam-  
8 paign relating to Move Over or Slow Down  
9 Laws; and

10 (C) a description of the role of the Depart-  
11 ment in supporting State efforts with respect to  
12 Move Over or Slow Down Laws, such as con-  
13 ducting research, collecting data, or supporting  
14 public awareness or education efforts.

15 (c) REPORT.—On completion of the study under sub-  
16 section (b), the Comptroller General shall submit to the  
17 Committee on Commerce, Science, and Transportation of  
18 the Senate and the Committee on Transportation and In-  
19 frastructure of the House of Representatives a report that  
20 describes—

21 (1) the findings of the study; and

22 (2) any recommendations to improve public  
23 awareness campaigns, research, or education efforts  
24 relating to the issues described in subsection (b)(2).

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1 **SEC. 9110. REVIEW OF LAWS, SAFETY MEASURES, AND**  
2 **TECHNOLOGIES RELATING TO SCHOOL**  
3 **BUSES.**

4 (a) REVIEW OF ILLEGAL PASSING LAWS.—

5 (1) IN GENERAL.—Not later than 2 years after  
6 the date of enactment of this Act, the Secretary  
7 shall prepare a report that—

8 (A) identifies and describes all illegal pass-  
9 ing laws in each State relating to school buses,  
10 including—

11 (i) the level of enforcement of those  
12 laws;

13 (ii) the penalties associated with those  
14 laws;

15 (iii) any issues relating to the enforce-  
16 ment of those laws; and

17 (iv) the effectiveness of those laws;

18 (B) reviews existing State laws that may  
19 inhibit the effectiveness of safety counter-  
20 measures in school bus loading zones, such as—

21 (i) laws that require the face of a  
22 driver to be visible in an image captured  
23 by a camera if enforcement action is to be  
24 taken based on that image;

25 (ii) laws that may reduce stop-arm  
26 camera effectiveness;

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1 (iii) the need for a law enforcement  
2 officer to witness an event for enforcement  
3 action to be taken; and

4 (iv) the lack of primary enforcement  
5 for texting and driving offenses;

6 (C) identifies the methods used by each  
7 State to review, document, and report to law  
8 enforcement school bus stop-arm violations; and  
9 (D) identifies best practices relating to the  
10 most effective approaches to address the illegal  
11 passing of school buses.

12 (2) PUBLICATION.—The report under para-  
13 graph (1) shall be made publicly available on the  
14 website of the Department.

15 (b) PUBLIC SAFETY MESSAGING CAMPAIGN.—

16 (1) IN GENERAL.—Not later than 1 year after  
17 the date of enactment of this Act, the Secretary  
18 shall establish and implement a public safety mes-  
19 saging campaign that uses public safety media mes-  
20 sages, posters, digital media messages, and other  
21 media messages distributed to States, State depart-  
22 ments of motor vehicles, schools, and other public  
23 outlets—

24 (A) to highlight the importance of address-  
25 ing the illegal passing of school buses; and

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1 (B) to educate students and the public re-  
2 garding the safe loading and unloading of  
3 schools buses.

4 (2) CONSULTATION.—In carrying out para-  
5 graph (1), the Secretary shall consult with—

6 (A) representatives of the school bus indus-  
7 try from the public and private sectors; and

8 (B) States.

9 (3) UPDATES.—The Secretary shall periodically  
10 update the materials used in the campaign under  
11 paragraph (1).

12 (c) REVIEW OF TECHNOLOGIES.—

13 (1) IN GENERAL.—Not later than 2 years after  
14 the date of enactment of this Act, the Secretary  
15 shall review and evaluate the effectiveness of various  
16 technologies for enhancing school bus safety, includ-  
17 ing technologies such as—

18 (A) cameras;

19 (B) audible warning systems; and

20 (C) enhanced lighting.

21 (2) INCLUSIONS.—The review under paragraph  
22 (1)—

23 (A) shall include—

24 (i) an assessment of—

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1 (I) the costs of acquiring and op-  
2 erating new equipment;

3 (II) the potential impact of that  
4 equipment on overall school bus rider-  
5 ship; and

6 (III) motion-activated detection  
7 systems capable of—

8 (aa) detecting pedestrians,  
9 cyclists, and other road users lo-  
10 cated near the exterior of the  
11 school bus; and

12 (bb) alerting the operator of  
13 the school bus of those road  
14 users;

15 (ii) an assessment of the impact of  
16 advanced technologies designed to improve  
17 loading zone safety; and

18 (iii) an assessment of the effectiveness  
19 of school bus lighting systems at clearly  
20 communicating to surrounding drivers the  
21 appropriate actions those drivers should  
22 take; and

23 (B) may include an evaluation of any tech-  
24 nological solutions that may enhance school bus  
25 safety outside the school bus loading zone.

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1           (3) CONSULTATION.—In carrying out the re-  
2 view under paragraph (1), the Secretary shall con-  
3 sult with—

4                   (A) manufacturers of school buses;

5                   (B) manufacturers of various technologies  
6 that may enhance school bus safety; and

7                   (C) representatives of the school bus indus-  
8 try from the public and private sectors.

9           (4) PUBLICATION.—The Secretary shall make  
10 the findings of the review under paragraph (1) pub-  
11 licly available on the website of the Department.

12       (d) REVIEW OF DRIVER EDUCATION MATERIALS.—

13           (1) IN GENERAL.—Not later than 2 years after  
14 the date of enactment of this Act, the Secretary  
15 shall—

16                   (A) review driver manuals, handbooks, and  
17 other materials in all States to determine  
18 whether and the means by which illegal passing  
19 of school buses is addressed in those driver ma-  
20 terials, including in—

21                           (i) testing for noncommercial driver's  
22 licenses; and

23                           (ii) road tests; and

24                   (B) make recommendations on methods by  
25 which States can improve education regarding

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1 the illegal passing of school buses, particularly  
2 for new drivers.

3 (2) CONSULTATION.—In carrying out para-  
4 graph (1), the Secretary shall consult with—

5 (A) representatives of the school bus indus-  
6 try from the public and private sectors;

7 (B) States;

8 (C) State motor vehicle administrators or  
9 senior State executives responsible for driver li-  
10 censing; and

11 (D) other appropriate motor vehicle ex-  
12 perts.

13 (3) PUBLICATION.—The Secretary shall make  
14 the findings of the review under paragraph (1) pub-  
15 licly available on the website of the Department.

16 (e) REVIEW OF OTHER SAFETY ISSUES.—

17 (1) IN GENERAL.—Not later than 2 years after  
18 the date of enactment of this Act, the Secretary  
19 shall research and prepare a report describing any  
20 relationship between the illegal passing of school  
21 buses and other safety issues, including issues such  
22 as—

23 (A) distracted driving;

24 (B) poor visibility, such as morning dark-  
25 ness;

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1 (C) illumination and reach of vehicle head-  
2 lights;

3 (D) speed limits; and

4 (E) characteristics associated with school  
5 bus stops, including the characteristics of school  
6 bus stops in rural areas.

7 (2) PUBLICATION.—The Secretary shall make  
8 the report under paragraph (1) publicly available on  
9 the website of the Department.

10 **SEC. 9111. MOTORCYCLIST ADVISORY COUNCIL.**

11 (a) IN GENERAL.—Subchapter III of chapter 3 of  
12 title 49, United States Code, is amended by adding at the  
13 end the following:

14 **“§ 355. Motorcyclist Advisory Council**

15 “(a) ESTABLISHMENT.—Not later than 90 days after  
16 the date of enactment of this section, the Secretary of  
17 Transportation (referred to in this section as the ‘Sec-  
18 retary’) shall establish a council, to be known as the ‘Mo-  
19 torcyclist Advisory Council’ (referred to in this section as  
20 the ‘Council’).

21 “(b) MEMBERSHIP.—

22 “(1) IN GENERAL.—The Council shall be com-  
23 prised of 13 members, to be appointed by the Sec-  
24 retary, of whom—



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1           “(A) 5 shall be representatives of units of  
2 State or local government with expertise relat-  
3 ing to highway engineering and safety issues,  
4 including—

5           “(i) motorcycle and motorcyclist safe-  
6 ty;

7           “(ii) barrier and road design, con-  
8 struction, and maintenance; or

9           “(iii) intelligent transportation sys-  
10 tems;

11           “(B) 1 shall be a motorcyclist who serves  
12 as a State or local—

13           “(i) traffic and safety engineer;

14           “(ii) design engineer; or

15           “(iii) other transportation department  
16 official;

17           “(C) 1 shall be a representative of a na-  
18 tional association of State transportation offi-  
19 cials;

20           “(D) 1 shall be a representative of a na-  
21 tional motorcyclist association;

22           “(E) 1 shall be a representative of a na-  
23 tional motorcyclist foundation;

24           “(F) 1 shall be a representative of a na-  
25 tional motorcycle manufacturing association;

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1           “(G) 1 shall be a representative of a mo-  
2           torcycle manufacturing company headquartered  
3           in the United States;

4           “(H) 1 shall be a roadway safety data ex-  
5           pert with expertise relating to crash testing and  
6           analysis; and

7           “(I) 1 shall be a member of a national  
8           safety organization that represents the traffic  
9           safety systems industry.

10          “(2) TERM.—

11           “(A) IN GENERAL.—Subject to subpara-  
12           graphs (B) and (C), each member shall serve on  
13           the Council for a single term of 2 years.

14           “(B) ADDITIONAL TERM.—If a successor  
15           is not appointed for a member of the Council  
16           before the expiration of the term of service of  
17           the member, the member may serve on the  
18           Council for a second term of not longer than 2  
19           years.

20           “(C) APPOINTMENT OF REPLACEMENTS.—  
21           If a member of the Council resigns before the  
22           expiration of the 2-year term of service of the  
23           member—

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1           “(i) the Secretary may appoint a re-  
2           placement for the member, who shall serve  
3           the remaining portion of the term; and

4           “(ii) the resigning member may con-  
5           tinue to serve after resignation until the  
6           date on which a successor is appointed.

7           “(3) VACANCIES.—A vacancy on the Council  
8           shall be filled in the manner in which the original  
9           appointment was made.

10          “(4) COMPENSATION.—A member of the Coun-  
11          cil shall serve without compensation.

12          “(c) DUTIES.—

13               “(1) ADVISING.—The Council shall advise the  
14               Secretary, the Administrator of the National High-  
15               way Traffic Safety Administration, and the Adminis-  
16               trator of the Federal Highway Administration re-  
17               garding transportation safety issues of concern to  
18               motorcyclists, including—

19                       “(A) motorcycle and motorcyclist safety;

20                       “(B) barrier and road design, construction,  
21                       and maintenance practices; and

22                       “(C) the architecture and implementation  
23                       of intelligent transportation system tech-  
24                       nologies.

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1           “(2) BIENNIAL REPORT.—Not later than Octo-  
2           ber 31 of the calendar year following the calendar  
3           year in which the Council is established, and not less  
4           frequently than once every 2 years thereafter, the  
5           Council shall submit to the Secretary a report con-  
6           taining recommendations of the Council regarding  
7           the issues described in paragraph (1).

8           “(d) DUTIES OF SECRETARY.—

9           “(1) COUNCIL RECOMMENDATIONS.—

10           “(A) IN GENERAL.—The Secretary shall  
11           determine whether to accept or reject a rec-  
12           ommendation contained in a report of the  
13           Council under subsection (c)(2).

14           “(B) INCLUSION IN REVIEW.—

15           “(i) IN GENERAL.—The Secretary  
16           shall indicate in each review under para-  
17           graph (2) whether the Secretary accepts or  
18           rejects each recommendation of the Coun-  
19           cil covered by the review.

20           “(ii) EXCEPTION.—The Secretary  
21           may indicate in a review under paragraph  
22           (2) that a recommendation of the Council  
23           is under consideration, subject to the con-  
24           dition that a recommendation so under  
25           consideration shall be accepted or rejected

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1 by the Secretary in the subsequent review  
2 of the Secretary under paragraph (2).

3 “(2) REVIEW.—

4 “(A) IN GENERAL.—Not later than 60  
5 days after the date on which the Secretary re-  
6 ceives a report from the Council under sub-  
7 section (c)(2), the Secretary shall submit a re-  
8 view describing the response of the Secretary to  
9 the recommendations of the Council contained  
10 in the Council report to—

11 “(i) the Committee on Commerce,  
12 Science, and Transportation of the Senate;

13 “(ii) the Committee on Environment  
14 and Public Works of the Senate;

15 “(iii) the Subcommittee on Transpor-  
16 tation, Housing and Urban Development,  
17 and Related Agencies of the Committee on  
18 Appropriations of the Senate;

19 “(iv) the Committee on Transpor-  
20 tation and Infrastructure of the House of  
21 Representatives; and

22 “(v) the Subcommittee on Transpor-  
23 tation, Housing and Urban Development,  
24 and Related Agencies of the Committee on

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1 Appropriations of the House of Represent-  
2 atives.

3 “(B) CONTENTS.—A review of the Sec-  
4 retary under this paragraph shall include a de-  
5 scription of—

6 “(i) each recommendation contained  
7 in the Council report covered by the re-  
8 view; and

9 “(ii)(I) each recommendation of the  
10 Council that was categorized under para-  
11 graph (1)(B)(ii) as being under consider-  
12 ation by the Secretary in the preceding re-  
13 view submitted under this paragraph; and

14 “(II) for each such recommendation,  
15 whether the recommendation—

16 “(aa) is accepted or rejected by  
17 the Secretary; or

18 “(bb) remains under consider-  
19 ation by the Secretary.

20 “(3) ADMINISTRATIVE AND TECHNICAL SUP-  
21 PORT.—The Secretary shall provide to the Council  
22 such administrative support, staff, and technical as-  
23 sistance as the Secretary determines to be necessary  
24 to carry out the duties of the Council under this sec-  
25 tion.

1           “(e) TERMINATION.—The Council shall terminate on  
2 the date that is 6 years after the date on which the Council  
3 is established under subsection (a).”.

4           (b) CLERICAL AMENDMENT.—The analysis for sub-  
5 chapter III of chapter 3 of title 49, United States Code,  
6 is amended by inserting after the item relating to section  
7 354 the following:

“355. Motorcycleist Advisory Council.”.

8           (c) CONFORMING AMENDMENTS.—

9                 (1) Section 1426 of the FAST Act (23 U.S.C.  
10 101 note; Public Law 114–94) is repealed.

11                (2) The table of contents for the FAST Act  
12 (Public Law 114–94; 129 Stat. 1313) is amended by  
13 striking the item relating to section 1426.

14 **SEC. 9112. SAFE STREETS AND ROADS FOR ALL GRANT**  
15 **PROGRAM.**

16           (a) DEFINITIONS.—In this section:

17                 (1) COMPREHENSIVE SAFETY ACTION PLAN.—  
18 The term “comprehensive safety action plan” means  
19 a plan aimed at preventing transportation-related fa-  
20 talities and serious injuries in a locality, commonly  
21 referred to as a “Vision Zero” or “Toward Zero  
22 Deaths” plan, that may include—

23                         (A) a goal and timeline for eliminating fa-  
24 talities and serious injuries;

1 (B) an analysis of the location and severity  
2 of vehicle-involved crashes in a locality;

3 (C) an analysis of community input, gath-  
4 ered through public outreach and education;

5 (D) a data-driven approach to identify  
6 projects or strategies to prevent fatalities and  
7 serious injuries in a locality, such as those in-  
8 volving—

9 (i) education and community out-  
10 reach;

11 (ii) effective methods to enforce traffic  
12 laws and regulations;

13 (iii) new vehicle or other transpor-  
14 tation-related technologies; and

15 (iv) roadway planning and design; and

16 (E) mechanisms for evaluating the out-  
17 comes and effectiveness of the comprehensive  
18 safety action plan, including the means by  
19 which that effectiveness will be reported to resi-  
20 dents in a locality.

21 (2) **ELIGIBLE ENTITY.**—The term “eligible enti-  
22 ty” means—

23 (A) a metropolitan planning organization;

24 (B) a political subdivision of a State;



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1 (C) a federally recognized Tribal govern-  
2 ment; and

3 (D) a multijurisdictional group of entities  
4 described in any of subparagraphs (A) through  
5 (C).

6 (3) **ELIGIBLE PROJECT.**—The term “eligible  
7 project” means a project—

8 (A) to develop a comprehensive safety ac-  
9 tion plan;

10 (B) to conduct planning, design, and devel-  
11 opment activities for projects and strategies  
12 identified in a comprehensive safety action plan;  
13 or

14 (C) to carry out projects and strategies  
15 identified in a comprehensive safety action plan.

16 (4) **PROGRAM.**—The term “program” means  
17 the Safe Streets and Roads for All program estab-  
18 lished under subsection (b).

19 (b) **ESTABLISHMENT.**—The Secretary shall establish  
20 and carry out a program, to be known as the Safe Streets  
21 and Roads for All program, that supports local initiatives  
22 to prevent death and serious injury on roads and streets,  
23 commonly referred to as “Vision Zero” or “Toward Zero  
24 Deaths” initiatives.

25 (c) **GRANTS.**—

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1           (1) IN GENERAL.—In carrying out the program,  
2           the Secretary may make grants to eligible entities,  
3           on a competitive basis, in accordance with this sec-  
4           tion.

5           (2) LIMITATIONS.—

6           (A) IN GENERAL.—Not more than 15 per-  
7           cent of the funds made available to carry out  
8           the program for a fiscal year may be awarded  
9           to eligible projects in a single State during that  
10          fiscal year.

11          (B) PLANNING GRANTS.—Of the total  
12          amount made available to carry out the pro-  
13          gram for each fiscal year, not less than 40 per-  
14          cent shall be awarded to eligible projects de-  
15          scribed in subsection (a)(3)(A).

16          (d) SELECTION OF ELIGIBLE PROJECTS.—

17          (1) SOLICITATION.—Not later than 180 days  
18          after the date on which amounts are made available  
19          to provide grants under the program for a fiscal  
20          year, the Secretary shall solicit from eligible entities  
21          grant applications for eligible projects in accordance  
22          with this section.

23          (2) APPLICATIONS.—

24          (A) IN GENERAL.—To be eligible to receive  
25          a grant under the program, an eligible entity

1 shall submit to the Secretary an application in  
2 such form and containing such information as  
3 the Secretary considers to be appropriate.

4 (B) REQUIREMENT.—An application for a  
5 grant under this paragraph shall include mech-  
6 anisms for evaluating the success of applicable  
7 eligible projects and strategies.

8 (3) CONSIDERATIONS.—In awarding a grant  
9 under the program, the Secretary shall take into  
10 consideration the extent to which an eligible entity,  
11 and each eligible project proposed to be carried out  
12 by the eligible entity, as applicable—

13 (A) is likely to significantly reduce or  
14 eliminate transportation-related fatalities and  
15 serious injuries involving various road users, in-  
16 cluding pedestrians, bicyclists, public transpor-  
17 tation users, motorists, and commercial opera-  
18 tors, within the timeframe proposed by the eli-  
19 gible entity;

20 (B) demonstrates engagement with a vari-  
21 ety of public and private stakeholders;

22 (C) seeks to adopt innovative technologies  
23 or strategies to promote safety;

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1 (D) employs low-cost, high-impact strate-  
2 gies that can improve safety over a wider geo-  
3 graphical area;

4 (E) ensures, or will ensure, equitable in-  
5 vestment in the safety needs of underserved  
6 communities in preventing transportation-re-  
7 lated fatalities and injuries;

8 (F) includes evidence-based projects or  
9 strategies; and

10 (G) achieves such other conditions as the  
11 Secretary considers to be necessary.

12 (4) TRANSPARENCY.—

13 (A) IN GENERAL.—The Secretary shall  
14 evaluate, through a methodology that is discern-  
15 ible and transparent to the public, the means  
16 by, and extent to, which each application under  
17 the program addresses any applicable merit cri-  
18 teria established by the Secretary.

19 (B) PUBLICATION.—The methodology  
20 under subparagraph (A) shall be published by  
21 the Secretary as part of the notice of funding  
22 opportunity under the program.

23 (e) FEDERAL SHARE.—The Federal share of the cost  
24 of an eligible project carried out using a grant provided  
25 under the program shall not exceed 80 percent.

1 (f) FUNDING.—

2 (1) AUTHORIZATION OF APPROPRIATIONS.—

3 There is authorized to be appropriated to carry out  
4 this section \$200,000,000 for each of fiscal years  
5 2022 through 2026, to remain available for a period  
6 of 3 fiscal years following the fiscal year for which  
7 the amounts are appropriated.

8 (2) ADMINISTRATIVE EXPENSES.—Of the

9 amounts made available to carry out the program  
10 for a fiscal year, the Secretary may retain not more  
11 than 2 percent for the administrative expenses of the  
12 program.

13 (3) AVAILABILITY TO ELIGIBLE ENTITIES.—

14 Amounts made available under a grant under the  
15 program shall remain available for use by the appli-  
16 cable eligible entity until the date that is 5 years  
17 after the date on which the grant is provided.

18 (g) DATA SUBMISSION.—

19 (1) IN GENERAL.—As a condition of receiving a

20 grant under this program, an eligible entity shall  
21 submit to the Secretary, on a regular basis as estab-  
22 lished by the Secretary, data, information, or anal-  
23 yses collected or conducted in accordance with sub-  
24 section (d)(3).

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1           (2) FORM.—The data, information, and anal-  
2           yses under paragraph (1) shall be submitted in such  
3           form such manner as may be prescribed by the Sec-  
4           retary.

5           (h) REPORTS.—Not later than 120 days after the end  
6           of the period of performance for a grant under the pro-  
7           gram, the eligible entity shall submit to the Secretary a  
8           report that describes—

9           (1) the costs of each eligible project carried out  
10          using the grant;

11          (2) the outcomes and benefits that each such el-  
12          igible project has generated, as—

13                (A) identified in the grant application of  
14                the eligible entity; and

15                (B) measured by data, to the maximum ex-  
16                tent practicable; and

17          (3) the lessons learned and any recommenda-  
18          tions relating to future projects or strategies to pre-  
19          vent death and serious injury on roads and streets.

20          (i) BEST PRACTICES.—Based on the information  
21          submitted by eligible entities under subsection (g), the  
22          Secretary shall—

23                (1) periodically post on a publicly available  
24                website best practices and lessons learned for pre-  
25                venting transportation-related fatalities and serious

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1 injuries pursuant to strategies or interventions im-  
2 plemented under the program; and

3 (2) evaluate and incorporate, as appropriate,  
4 the effectiveness of strategies and interventions im-  
5 plemented under the program for the purpose of en-  
6 riching revisions to the document entitled “Counter-  
7 measures That Work: A Highway Safety Counter-  
8 measure Guide for State Highway Safety Offices,  
9 Ninth Edition” and numbered DOT HS 812 478 (or  
10 any successor document).

11 **SEC. 9113. IMPLEMENTATION OF GAO RECOMMENDATIONS.**

12 (a) NEXT GENERATION 911.—

13 (1) IN GENERAL.—Not later than 1 year after  
14 the date of enactment of this Act, the Secretary  
15 shall implement the recommendations of the Comp-  
16 troller General of the United States contained in the  
17 report entitled “Next Generation 911: National 911  
18 Program Could Strengthen Efforts to Assist  
19 States”, numbered GAO–18–252, and dated Janu-  
20 ary 1, 2018, by requiring that the Administrator of  
21 the National Highway Traffic Safety Administra-  
22 tion, in collaboration with the appropriate Federal  
23 agencies, shall determine the roles and responsibil-  
24 ities of the Federal agencies participating in the ini-  
25 tiative entitled “National NG911 Roadmap initia-





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1 (2) PERFORMANCE MANAGEMENT PRACTICES.—

2 The Administrator of the National Highway Traffic  
3 Safety Administration shall use performance man-  
4 agement practices to guide pedestrian and cyclist  
5 safety activities by—

6 (A) developing performance measures for  
7 the Administration and program offices respon-  
8 sible for implementing pedestrian and cyclist  
9 safety activities to demonstrate the means by  
10 which those activities contribute to safety goals;  
11 and

12 (B) using performance information to  
13 make any necessary changes to advance pedes-  
14 trian and cyclist safety efforts.

## 15 **Subtitle B—Vehicle Safety**

### 16 **SEC. 9201. AUTHORIZATION OF APPROPRIATIONS.**

17 There are authorized to be appropriated to the Sec-  
18 retary to carry out chapter 301, and part C of subtitle  
19 VI, of title 49, United States Code—

20 (1) \$200,294,333 for fiscal year 2022;

21 (2) \$204,300,219 for fiscal year 2023;

22 (3) \$208,386,224 for fiscal year 2024;

23 (4) \$212,553,948 for fiscal year 2025; and

24 (5) \$216,805,027 for fiscal year 2026.

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1 **SEC. 9202. RECALL COMPLETION.**

2 (a) REPORTS ON RECALL CAMPAIGNS.—Section  
3 30118 of title 49, United States Code, is amended by add-  
4 ing at the end the following:

5 “(f) REPORTS ON NOTIFICATION CAMPAIGNS.—

6 “(1) IN GENERAL.—Each manufacturer that is  
7 conducting a campaign under subsection (b) or (c)  
8 or any other provision of law (including regulations)  
9 to notify manufacturers, distributors, owners, pur-  
10 chasers, or dealers of a defect or noncompliance  
11 shall submit to the Administrator of the National  
12 Highway Traffic Safety Administration—

13 “(A) by the applicable date described in  
14 section 573.7(d) of title 49, Code of Federal  
15 Regulations (or a successor regulation), a quar-  
16 terly report describing the campaign for each of  
17 8 consecutive quarters, beginning with the  
18 quarter in which the campaign was initiated;  
19 and

20 “(B) an annual report for each of the 3  
21 years beginning after the date of completion of  
22 the last quarter for which a quarterly report is  
23 submitted under subparagraph (A).

24 “(2) REQUIREMENTS.—Except as otherwise  
25 provided in this subsection, each report under this  
26 subsection shall comply with the requirements of

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1 section 573.7 of title 49, Code of Federal Regula-  
2 tions (or a successor regulation).”.

3 (b) RECALL COMPLETION RATES.—Section 30120 of  
4 title 49, United States Code, is amended by adding at the  
5 end the following:

6 “(k) RECALL COMPLETION RATES.—

7 “(1) IN GENERAL.—The Administrator of the  
8 National Highway Traffic Safety Administration  
9 shall publish an annual list of recall completion rates  
10 for each recall campaign for which 8 quarterly re-  
11 ports have been submitted under subsection (f) of  
12 section 30118 as of the date of publication of the  
13 list.

14 “(2) REQUIREMENTS.—The annual list under  
15 paragraph (1) shall include—

16 “(A) for each applicable campaign—

17 “(i) the total number of vehicles sub-  
18 ject to recall; and

19 “(ii) the percentage of vehicles that  
20 have been remedied; and

21 “(B) for each manufacturer submitting an  
22 applicable quarterly report under section  
23 30118(f)—

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1 “(i) the total number of recalls issued  
2 by the manufacturer during the year cov-  
3 ered by the list;

4 “(ii) the estimated number of vehicles  
5 of the manufacturer subject to recall dur-  
6 ing the year covered by the list; and

7 “(iii) the percentage of vehicles that  
8 have been remedied.”.

9 **SEC. 9203. RECALL ENGAGEMENT.**

10 (a) RECALL REPAIR.—Not later than 2 years after  
11 the date of enactment of this Act, the Comptroller General  
12 of the United States shall—

13 (1) conduct a study to determine—

14 (A) the reasons why vehicle owners do not  
15 have repairs performed for vehicles subject to  
16 open recalls; and

17 (B) whether engagement by third parties,  
18 including State and local governments, insur-  
19 ance companies, or other entities, could increase  
20 the rate at which vehicle owners have repairs  
21 performed for vehicles subject to open recalls;  
22 and

23 (2) submit to Congress a report describing the  
24 results of the study under paragraph (1), including

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1 any recommendations for increasing the rate of re-  
2 pair for vehicles subject to open recalls.

3 (b) RIDESHARING.—Not later than 18 months after  
4 the date of enactment of this Act, the Comptroller General  
5 shall—

6 (1) conduct a study to determine the number of  
7 passenger motor vehicles in each State that—

8 (A) are used by transportation network  
9 companies for for-hire purposes, such as ride-  
10 sharing; and

11 (B) have 1 or more open recalls; and

12 (2) submit to Congress a report describing the  
13 results of the study under paragraph (1).

14 (c) NHTSA STUDY AND REPORT.—Not later than  
15 3 years after the date of enactment of this Act, the Admin-  
16 istrator of the National Highway Traffic Safety Adminis-  
17 tration shall—

18 (1) conduct a study to determine the ways in  
19 which vehicle recall notices could—

20 (A) more effectively reach vehicle owners;

21 (B) be made easier for all consumers to  
22 understand; and

23 (C) incentivize vehicle owners to complete  
24 the repairs described in the recall notices; and

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1 (2) submit to Congress a report describing the  
2 results of the study under paragraph (1), including  
3 any recommendations for—

4 (A) increasing the rate of repair for vehi-  
5 cles subject to open recalls; or

6 (B) any regulatory or statutory legislative  
7 changes that would facilitate an increased rate  
8 of repair.

9 **SEC. 9204. MOTOR VEHICLE SEAT BACK SAFETY STAND-**  
10 **ARDS.**

11 (a) IN GENERAL.—Not later than 2 years after the  
12 date of enactment of this Act, subject to subsection (b),  
13 the Secretary shall issue an advanced notice of proposed  
14 rulemaking to update section 571.207 of title 49, Code  
15 of Federal Regulations.

16 (b) COMPLIANCE DATE.—If the Secretary determines  
17 that a final rule is appropriate consistent with the consid-  
18 erations described in section 30111(b) of title 49, United  
19 States Code, in issuing a final rule pursuant to subsection  
20 (a), the Secretary shall establish a date for required com-  
21 pliance with the final rule of not later than 2 motor vehicle  
22 model years after the model year during which the effec-  
23 tive date of the final rule occurs.

24 **SEC. 9205. AUTOMATIC SHUTOFF.**

25 (a) DEFINITIONS.—In this section:

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1 (1) KEY.—The term “key” has the meaning  
2 given the term in section 571.114 of title 49, Code  
3 of Federal Regulations (or a successor regulation).

4 (2) MANUFACTURER.—The term “manufac-  
5 turer” has the meaning given the term in section  
6 30102(a) of title 49, United States Code.

7 (3) MOTOR VEHICLE.—

8 (A) IN GENERAL.—The term “motor vehi-  
9 cle” has the meaning given the term in section  
10 30102(a) of title 49, United States Code.

11 (B) EXCLUSIONS.—The term “motor vehi-  
12 cle” does not include—

13 (i) a motorcycle or trailer (as those  
14 terms are defined in section 571.3 of title  
15 49, Code of Federal Regulations (or a suc-  
16 cessor regulation));

17 (ii) any motor vehicle with a gross ve-  
18 hicle weight rating of more than 10,000  
19 pounds;

20 (iii) a battery electric vehicle; or

21 (iv) a motor vehicle that requires ex-  
22 tended periods with the engine in idle to  
23 operate in service mode or to operate  
24 equipment, such as an emergency vehicle  
25 (including a police vehicle, an ambulance,

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1 or a tow vehicle) and a commercial-use ve-  
2 hicle (including a refrigeration vehicle).

3 (b) AUTOMATIC SHUTOFF SYSTEMS FOR MOTOR VE-  
4 HICLES.—

5 (1) FINAL RULE.—

6 (A) IN GENERAL.—Not later than 2 years  
7 after the date of enactment of this Act, the Sec-  
8 retary shall issue a final rule amending section  
9 571.114 of title 49, Code of Federal Regula-  
10 tions, to require manufacturers to install in  
11 each motor vehicle that is equipped with a key-  
12 less ignition device and an internal combustion  
13 engine a device or system to automatically shut-  
14 off the motor vehicle after the motor vehicle has  
15 idled for the period described in subparagraph  
16 (B).

17 (B) DESCRIPTION OF PERIOD.—

18 (i) IN GENERAL.—The period referred  
19 to in subparagraph (A) is the period des-  
20 ignated by the Secretary as necessary to  
21 prevent, to the maximum extent prac-  
22 ticable, carbon monoxide poisoning.

23 (ii) DIFFERENT PERIODS.—The Sec-  
24 retary may designate different periods  
25 under clause (i) for different types of



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1 motor vehicles, depending on the rate at  
2 which the motor vehicle emits carbon mon-  
3 oxide, if—

4 (I) the Secretary determines a  
5 different period is necessary for a type  
6 of motor vehicle for purposes of sec-  
7 tion 30111 of title 49, United States  
8 Code; and

9 (II) requiring a different period  
10 for a type of motor vehicle is con-  
11 sistent with the prevention of carbon  
12 monoxide poisoning.

13 (2) DEADLINE.—Unless the Secretary finds  
14 good cause to phase-in or delay implementation, the  
15 rule issued pursuant to paragraph (1) shall take ef-  
16 fect on September 1 of the first calendar year begin-  
17 ning after the date on which the Secretary issues the  
18 rule.

19 (c) PREVENTING MOTOR VEHICLES FROM ROLLING  
20 AWAY.—

21 (1) REQUIREMENT.—The Secretary shall con-  
22 duct a study of the regulations contained in part  
23 571 of title 49, Code of Federal Regulations, to  
24 evaluate the potential consequences and benefits of  
25 the installation by manufacturers of technology to

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1 prevent movement of motor vehicles equipped with  
2 keyless ignition devices and automatic transmissions  
3 when—

4 (A) the transmission of the motor vehicle  
5 is not in the park setting;

6 (B) the motor vehicle does not exceed the  
7 speed determined by the Secretary under para-  
8 graph (2);

9 (C) the seat belt of the operator of the  
10 motor vehicle is unbuckled;

11 (D) the service brake of the motor vehicle  
12 is not engaged; and

13 (E) the door for the operator of the motor  
14 vehicle is open.

15 (2) REVIEW AND REPORT.—The Secretary  
16 shall—

17 (A) provide a recommended maximum  
18 speed at which a motor vehicle may be safely  
19 locked in place under the conditions described  
20 in subparagraphs (A), (C), (D), and (E) of  
21 paragraph (1) to prevent vehicle rollaways; and

22 (B) not later than 1 year after the date of  
23 completion of the study under paragraph (1),  
24 submit to the Committee on Commerce,  
25 Science, and Transportation of the Senate and

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1 the Committee on Transportation and Infra-  
2 structure of the House of Representatives a re-  
3 port—

4 (i) describing the findings of the  
5 study; and

6 (ii) providing additional recommenda-  
7 tions, if any.

8 **SEC. 9206. PETITIONS BY INTERESTED PERSONS FOR**  
9 **STANDARDS AND ENFORCEMENT.**

10 Section 30162 of title 49, United States Code, is  
11 amended—

12 (1) in subsection (b), by striking “The petition”  
13 and inserting “A petition under this section”;

14 (2) in subsection (c), by striking “the petition”  
15 and inserting “a petition under this section”; and

16 (3) in subsection (d)—

17 (A) in the third sentence, by striking “If a  
18 petition” and inserting the following:

19 “(3) DENIAL.—If a petition under this sec-  
20 tion”;

21 (B) in the second sentence , by striking “If  
22 a petition is granted” and inserting the fol-  
23 lowing:

24 “(2) APPROVAL.—If a petition under this sec-  
25 tion is approved”; and

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1 (C) in the first sentence, by striking “The  
2 Secretary shall grant or deny a petition” and  
3 inserting the following:

4 “(1) IN GENERAL.—The Secretary shall deter-  
5 mine whether to approve or deny a petition under  
6 this section by”.

7 **SEC. 9207. CHILD SAFETY SEAT ACCESSIBILITY STUDY.**

8 (a) IN GENERAL.—The Secretary, in coordination  
9 with other relevant Federal departments and agencies, in-  
10 cluding the Secretary of Agriculture, the Secretary of  
11 Education, and the Secretary of Health and Human Serv-  
12 ices, shall conduct a study to review the status of motor  
13 vehicle child safety seat accessibility for low-income fami-  
14 lies and underserved populations.

15 (b) ADDRESSING NEEDS.—In conducting the study  
16 under subsection (a), the Secretary shall—

17 (1) examine the impact of Federal funding pro-  
18 vided under section 405 of title 23, United States  
19 Code; and

20 (2) develop a plan for addressing any needs  
21 identified in the study, including by working with so-  
22 cial service providers.

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1 **SEC. 9208. CRASH AVOIDANCE TECHNOLOGY.**

2 (a) IN GENERAL.—Subchapter II of chapter 301 of  
3 title 49, United States Code, is amended by adding at the  
4 end the following:

5 **“§ 30129. Crash avoidance technology**

6 “(a) IN GENERAL.—The Secretary of Transportation  
7 shall promulgate a rule—

8 “(1) to establish minimum performance stand-  
9 ards with respect to crash avoidance technology; and

10 “(2) to require that all passenger motor vehicles  
11 manufactured for sale in the United States on or  
12 after the compliance date described in subsection (b)  
13 shall be equipped with—

14 “(A) a forward collision warning and auto-  
15 matic emergency braking system that—

16 “(i) alerts the driver if—

17 “(I) the distance to a vehicle  
18 ahead or an object in the path of travel  
19 ahead is closing too quickly; and

20 “(II) a collision is imminent; and

21 “(ii) automatically applies the brakes  
22 if the driver fails to do so; and

23 “(B) a lane departure warning and lane-  
24 keeping assist system that—

25 “(i) warns the driver to maintain the  
26 lane of travel; and

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1                   “(ii) corrects the course of travel if  
2                   the driver fails to do so.

3           “(b) COMPLIANCE DATE.—The Secretary of Trans-  
4 portation shall determine the appropriate effective date,  
5 and any phasing-in of requirements, of the final rule pro-  
6 mulgated pursuant to subsection (a).”.

7           (b) CLERICAL AMENDMENT.—The analysis for sub-  
8 chapter II of chapter 301 of title 49, United States Code,  
9 is amended by adding at the end the following:

“30129. Crash avoidance technology.”.

10 **SEC. 9209. REDUCTION OF DRIVER DISTRACTION.**

11           (a) IN GENERAL.—Not later than 3 years after the  
12 date of enactment of this Act, the Secretary shall conduct  
13 research regarding the installation and use on motor vehi-  
14 cles of driver monitoring systems to minimize or elimi-  
15 nate—

16                   (1) driver distraction;

17                   (2) driver disengagement;

18                   (3) automation complacency by drivers; and

19                   (4) foreseeable misuse of advanced driver-assist  
20 systems.

21           (b) REPORT.—Not later than 180 days after the date  
22 of completion of the research under subsection (a), the  
23 Secretary shall submit to the Committee on Commerce,  
24 Science, and Transportation of the Senate and the Com-  
25 mittee on Energy and Commerce of the House of Rep-

1 representatives a detailed report describing the findings of the  
2 research.

3 (c) RULEMAKING.—

4 (1) IN GENERAL.—If, based on the research  
5 completed under subsection (a), the Secretary deter-  
6 mines that—

7 (A) 1 or more rulemakings are necessary  
8 to ensure safety, in accordance with the section  
9 30111 of title 49, United States Code, the Sec-  
10 retary shall initiate the rulemakings by not  
11 later than 2 years after the date of submission  
12 of the report under subsection (b); and

13 (B) an additional rulemaking is not nec-  
14 essary, or an additional rulemaking cannot  
15 meet the applicable requirements and consider-  
16 ations described in subsections (a) and (b) of  
17 section 30111 of title 49, United States Code,  
18 the Secretary shall submit to the Committee on  
19 Commerce, Science, and Transportation of the  
20 Senate and the Committee on Energy and Com-  
21 merce of the House of Representatives a report  
22 describing the reasons for not prescribing addi-  
23 tional Federal motor vehicle safety standards  
24 regarding the research conducted under sub-  
25 section (a).

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1           (2) PRIVACY.—A rule issued pursuant to para-  
2           graph (1) shall incorporate appropriate privacy and  
3           data security safeguards, as determined by the Sec-  
4           retary.

5 **SEC. 9210. RULEMAKING REPORT.**

6           (a) DEFINITION OF COVERED RULEMAKING.—In this  
7           section, the term “covered rulemaking” means a regula-  
8           tion or rulemaking that—

9           (1) has not been finalized by the date on which  
10           the relevant notification is submitted under sub-  
11           section (b); and

12           (2) relates to—

13           (A) section 30120A of title 49, United  
14           States Code;

15           (B) section 30166(o) of title 49, United  
16           States Code;

17           (C) section 30172 of title 49, United  
18           States Code;

19           (D) section 32302(c) of title 49, United  
20           States Code;

21           (E) a defect reporting requirement under  
22           section 32302(d) of title 49, United States  
23           Code;

24           (F) subsections (b) and (c) of section  
25           32304A of title 49, United States Code;



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1 (G) the tire pressure monitoring standards  
2 required under section 24115 of the FAST Act  
3 (49 U.S.C. 30123 note; Public Law 114–94);

4 (H) the amendment made by section  
5 24402 of the FAST Act (129 Stat. 1720; Pub-  
6 lic Law 114–94) to section 30120(g)(1) of title  
7 49, United States Code;

8 (I) the records retention rule required  
9 under section 24403 of the FAST Act (49  
10 U.S.C. 30117 note; Public Law 114–94);

11 (J) the amendments made by section  
12 24405 of the FAST Act (Public Law 114–94;  
13 129 Stat. 1721) to section 30114 of title 49,  
14 United States Code;

15 (K) a defect and noncompliance notifica-  
16 tion required under—

17 (i) section 24104 of the FAST Act  
18 (49 U.S.C. 30119 note; Public Law 114–  
19 94); or

20 (ii) section 31301 of MAP–21 (49  
21 U.S.C. 30166 note; Public Law 112–141);

22 (L) a side impact or frontal impact test  
23 procedure for child restraint systems under sec-  
24 tion 31501 of MAP–21 (49 U.S.C. 30127 note;  
25 Public Law 112–141);

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1 (M) an upgrade to child restraint anchor-  
2 age system usability requirements required  
3 under section 31502 of MAP-21 (49 U.S.C.  
4 30127 note; Public Law 112-141);

5 (N) the rear seat belt reminder system re-  
6 quired under section 31503 of MAP-21 (49  
7 U.S.C. 30127 note; Public Law 112-141);

8 (O) a motorcoach rulemaking required  
9 under section 32703 of MAP-21 (49 U.S.C.  
10 31136 note; Public Law 112-141); or

11 (P) any rulemaking required under this  
12 Act.

13 (b) NOTIFICATION.—Not later than 180 days after  
14 the date of enactment of this Act, and not less frequently  
15 than biannually thereafter until the applicable covered  
16 rulemaking is complete, the Secretary shall submit to the  
17 Committee on Commerce, Science, and Transportation of  
18 the Senate and the Committee on Energy and Commerce  
19 of the House of Representatives a written notification that  
20 includes, with respect to each covered rulemaking—

21 (1) for a covered rulemaking with a statutory  
22 deadline for completion—

23 (A) an explanation of why the deadline was  
24 not met; and

1 (B) an expected date of completion of the  
2 covered rulemaking; and

3 (2) for a covered rulemaking without a statu-  
4 tory deadline for completion, an expected date of  
5 completion of the covered rulemaking.

6 (c) ADDITIONAL CONTENTS.—A notification under  
7 subsection (b) shall include, for each applicable covered  
8 rulemaking—

9 (1) an updated timeline;

10 (2) a list of factors causing delays in the com-  
11 pletion of the covered rulemaking; and

12 (3) any other details associated with the status  
13 of the covered rulemaking.

14 **SEC. 9211. GLOBAL HARMONIZATION.**

15 The Secretary shall cooperate, to the maximum ex-  
16 tent practicable, with foreign governments, nongovern-  
17 mental stakeholder groups, the motor vehicle industry,  
18 and consumer groups with respect to global harmonization  
19 of vehicle regulations as a means for improving motor ve-  
20 hicle safety.

21 **SEC. 9212. HEADLAMPS.**

22 (a) DEFINITIONS.—In this section:

23 (1) ADAPTIVE DRIVING BEAM HEADLAMP.—The  
24 term “adaptive driving beam headlamp” means a  
25 headlamp (as defined in Standard 108) that meets

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1 the performance requirements specified in SAE  
2 International Standard J3069, published on June  
3 30, 2016.

4 (2) STANDARD 108.—The term “Standard 108”  
5 means Federal Motor Vehicle Safety Standard Num-  
6 ber 108, contained in section 571.108 of title 49,  
7 Code of Federal Regulations (as in effect on the  
8 date of enactment of this Act).

9 (b) RULEMAKING.—Not later than 2 years after the  
10 date of enactment of this Act, the Secretary shall issue  
11 a final rule amending Standard 108—

12 (1) to include performance-based standards for  
13 vehicle headlamp systems—

14 (A) to ensure that headlights are correctly  
15 aimed on the road; and

16 (B) requiring those systems to be tested  
17 on-vehicle to account for headlight height and  
18 lighting performance; and

19 (2) to allow for the use on vehicles of adaptive  
20 driving beam headlamp systems.

21 (c) PERIODIC REVIEW.—Nothing in this section pre-  
22 cludes the Secretary from—

23 (1) reviewing Standard 108, as amended pursu-  
24 ant to subsection (b); and

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1 (2) revising Standard 108 to reflect an updated  
2 version of SAE International Standard J3069, as  
3 the Secretary determines to be—

4 (A) appropriate; and

5 (B) in accordance with section 30111 of  
6 title 49, United States Code.

7 **SEC. 9213. NEW CAR ASSESSMENT PROGRAM.**

8 (a) UPDATES.—Not later than 1 year after the date  
9 of enactment of this Act, the Secretary shall finalize the  
10 proceeding for which comments were requested in the no-  
11 tice entitled “New Car Assessment Program” (80 Fed.  
12 Reg. 78522 (December 16, 2015)) to update the pas-  
13 senger motor vehicle information required under section  
14 32302(a) of title 49, United States Code.

15 (b) INFORMATION PROGRAM.—Section 32302 of title  
16 49, United States Code, is amended—

17 (1) in subsection (a), in the matter preceding  
18 paragraph (1), by inserting “(referred to in this sec-  
19 tion as the ‘Secretary’)” after “of Transportation”;  
20 and

21 (2) by adding at the end the following:

22 “(e) ADVANCED CRASH-AVOIDANCE TECH-  
23 NOLOGIES.—

24 “(1) NOTICE.—Not later than 1 year after the  
25 date of enactment of this subsection, the Secretary

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1 shall publish a notice, for purposes of public review  
2 and comment, to establish, distinct from crash-  
3 worthiness information, a means for providing to  
4 consumers information relating to advanced crash-  
5 avoidance technologies, in accordance with sub-  
6 section (a).

7 “(2) INCLUSIONS.—The notice under paragraph  
8 (1) shall include—

9 “(A) an appropriate methodology for—

10 “(i) determining which advanced  
11 crash-avoidance technologies shall be in-  
12 cluded in the information;

13 “(ii) developing performance test cri-  
14 teria for use by manufacturers in evalu-  
15 ating advanced crash-avoidance tech-  
16 nologies;

17 “(iii) determining a distinct rating in-  
18 volving each advanced crash-avoidance  
19 technology to be included; and

20 “(iv) updating overall vehicle ratings  
21 to incorporate advanced crash-avoidance  
22 technology ratings; and

23 “(B) such other information and analyses  
24 as the Secretary determines to be necessary to



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1           “(ii) developing performance test cri-  
2           teria for use by manufacturers in evalu-  
3           ating the extent to which automated pedes-  
4           trian safety systems in light vehicles at-  
5           tempt to prevent and mitigate, to the best  
6           extent possible, pedestrian injury;

7           “(iii) determining a distinct rating in-  
8           volving each technology to be included; and

9           “(iv) updating overall vehicle ratings  
10          to incorporate vulnerable road user safety  
11          technology ratings; and

12          “(B) such other information and analyses  
13          as the Secretary determines to be necessary to  
14          implement the rating of vulnerable road user  
15          safety technologies.

16          “(3) REPORT.—Not later than 18 months after  
17          the date of enactment of this subsection, the Sec-  
18          retary shall submit to the Committee on Commerce,  
19          Science, and Transportation of the Senate and the  
20          Committee on Energy and Commerce of the House  
21          of Representatives a report that describes a plan for  
22          implementing an information and rating system for  
23          vulnerable road user safety technologies, in accord-  
24          ance with subsection (a).”.

25          (c) ROADMAP.—



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1 (1) IN GENERAL.—Chapter 323 of title 49,  
2 United States Code, is amended by adding at the  
3 end the following:

4 **“§ 32310. New Car Assessment Program roadmap**

5 “(a) ESTABLISHMENT.—Not later than 1 year after  
6 the date of enactment of this section, and not less fre-  
7 quently than once every 4 years thereafter, the Secretary  
8 of Transportation (referred to in this section as the ‘Sec-  
9 retary’) shall establish a roadmap for the implementation  
10 of the New Car Assessment Program of the National  
11 Highway Traffic Safety Administration.

12 “(b) REQUIREMENTS.—A roadmap under subsection  
13 (a) shall—

14 “(1) cover a term of 10 years, consisting of—

15 “(A) a mid-term component covering the  
16 initial 5 years of the term; and

17 “(B) a long-term component covering the  
18 final 5 years of the term; and

19 “(2) be in accordance with—

20 “(A) section 306 of title 5;

21 “(B) section 1115 of title 31;

22 “(C) section 24401 of the FAST Act (49  
23 U.S.C. 105 note; Public Law 114–94); and

24 “(D) any other relevant plans of the Na-  
25 tional Highway Traffic Safety Administration.



1           “(A) with respect to the mid-term compo-  
2           nent of the roadmap under subsection  
3           (b)(1)(A)—

4                   “(i) that are practicable; and

5                   “(ii) for which objective rating tests,  
6           evaluation criteria, and other consumer  
7           data exist for a market-based, consumer  
8           information approach; and

9           “(B) with respect to the long-term compo-  
10          nent of the roadmap under subsection  
11          (b)(1)(B), exist or are in development;

12          “(3) an identification of—

13                   “(A) any safety opportunity or technology  
14          that—

15                           “(i) is identified through the activities  
16                           carried out pursuant to subsection (d) or  
17                           (e); and

18                           “(ii) is not included in the roadmap  
19                           under paragraph (2);

20                   “(B) the reasons why such a safety oppor-  
21           tunity or technology is not included in the road-  
22           map; and

23                   “(C) any developments or information that  
24           would be necessary for the Secretary to con-

1           sider including such a safety opportunity or  
2           technology in a future roadmap; and

3           “(4) consideration of the benefits of consistency  
4           with other rating systems used—

5                   “(A) within the United States; and

6                   “(B) internationally.

7           “(d) CONSIDERATIONS.—Before finalizing a roadmap  
8           under this section, the Secretary shall—

9                   “(1) make the roadmap available for public  
10           comment;

11                   “(2) review any public comments received under  
12           paragraph (1); and

13                   “(3) incorporate in the roadmap under this sec-  
14           tion those comments, as the Secretary determines to  
15           be appropriate.

16           “(e) STAKEHOLDER ENGAGEMENT.—Not less fre-  
17           quently than annually, the Secretary shall engage stake-  
18           holders that represent a diversity of technical backgrounds  
19           and viewpoints—

20                   “(1) to identify—

21                           “(A) safety opportunities or technologies in  
22           development that could be included in future  
23           roadmaps; and

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1 “(B) opportunities to benefit from collabo-  
2 ration or harmonization with third-party safety  
3 rating programs;

4 “(2) to assist with long-term planning;

5 “(3) to provide an interim update of the status  
6 and development of the following roadmap to be es-  
7 tablished under subsection (a); and

8 “(4) to collect feedback or other information  
9 that the Secretary determines to be relevant to en-  
10 hancing the New Car Assessment Program of the  
11 National Highway Traffic Safety Administration.”.

12 (2) CLERICAL AMENDMENT.—The analysis for  
13 chapter 323 of title 49, United States Code, is  
14 amended by adding at the end the following:

“32310. New Car Assessment Program roadmap.”.

15 **SEC. 9214. HOOD AND BUMPER STANDARDS.**

16 (a) NOTICE.—Not later than 2 years after the date  
17 of enactment of this Act, the Secretary shall issue a notice,  
18 for purposes of public review and comment, regarding po-  
19 tential updates to hood and bumper standards for motor  
20 vehicles (as defined in section 30102(a) of title 49, United  
21 States Code).

22 (b) INCLUSIONS.—The notice under subsection (a)  
23 shall include information relating to—

1           (1) the incorporation or consideration of ad-  
2           vanced crash-avoidance technology in existing motor  
3           vehicle standards;

4           (2) the incorporation or consideration of stand-  
5           ards or technologies to reduce the number of injuries  
6           and fatalities suffered by pedestrians, bicyclists, or  
7           other vulnerable road users;

8           (3) the development of performance test criteria  
9           for use by manufacturers in evaluating advanced  
10          crash-avoidance technology, including technology re-  
11          lating to vulnerable road user safety;

12          (4) potential harmonization with global stand-  
13          ards, including United Nations Economic Commis-  
14          sion for Europe Regulation Number 42; and

15          (5) such other information and analyses as the  
16          Secretary determines to be necessary.

17          (c) REPORT.—Not later than 2 years after the date  
18          of enactment of this Act, the Secretary shall submit to  
19          the Committee on Commerce, Science, and Transportation  
20          of the Senate and the Committee on Energy and Com-  
21          merce of the House of Representatives a report that de-  
22          scribes—

23                 (1) the current status of hood and bumper  
24                 standards;

1           (2) relevant advanced crash-avoidance tech-  
2 nology;

3           (3) actions needed to be carried out to develop  
4 performance test criteria; and

5           (4) if applicable, a plan for incorporating ad-  
6 vanced crash-avoidance technology, including tech-  
7 nology relating to vulnerable road user safety, in ex-  
8 isting standards.

9 **SEC. 9215. EMERGENCY MEDICAL SERVICES AND 9-1-1.**

10       Section 158(a) of the National Telecommunications  
11 and Information Administration Organization Act (47  
12 U.S.C. 942(a)) is amended by striking paragraph (4).

13 **SEC. 9216. EARLY WARNING REPORTING.**

14       (a) IN GENERAL.—Section 30166(m)(3) of title 49,  
15 United States Code, is amended by adding at the end the  
16 following:

17           “(D) SETTLEMENTS.—Notwithstanding  
18 any order entered in a civil action restricting  
19 the disclosure of information, a manufacturer of  
20 a motor vehicle or motor vehicle equipment  
21 shall comply with the requirements of this sub-  
22 section and any regulations promulgated pursu-  
23 ant to this subsection.”.

24       (b) STUDY AND REPORT.—Not later than 18 months  
25 after the date of enactment of this Act, the Administrator

1 of the National Highway Traffic Safety Administration  
2 shall—

3 (1) conduct a study—

4 (A) to evaluate the early warning reporting  
5 data submitted under section 30166(m) of title  
6 49, United States Code (including regulations);  
7 and

8 (B) to identify improvements, if any, that  
9 would enhance the use by the National High-  
10 way Traffic Administration of early warning re-  
11 porting data to enhance safety; and

12 (2) submit to the Committee on the Committee  
13 on Commerce, Science, and Transportation of the  
14 Senate and the Committee on Energy and Com-  
15 merce of the House of Representatives a report de-  
16 scribing the results of the study under paragraph  
17 (1), including any recommendations for regulatory  
18 or legislative action.

19 **SEC. 9217. IMPROVED VEHICLE SAFETY DATABASES.**

20 Not later than 3 years after the date of enactment  
21 of this Act, after consultation with frequent users of pub-  
22 licly available databases, the Secretary shall improve pub-  
23 lic accessibility to information relating to the publicly ac-  
24 cessible vehicle safety databases of the National Highway



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1 Traffic Safety Administration by revising the publicly ac-  
2 cessible vehicle safety databases—

3 (1) to improve organization and functionality,  
4 including design features such as drop-down menus;

5 (2) to allow data from applicable publicly acces-  
6 sible vehicle safety databases to be searched, sorted,  
7 aggregated, and downloaded in a manner that—

8 (A) is consistent with the public interest;  
9 and

10 (B) facilitates easy use by consumers;

11 (3) to provide greater consistency in presen-  
12 tation of vehicle safety issues;

13 (4) to improve searchability regarding specific  
14 vehicles and issues, which may include the standard-  
15 ization of commonly used search terms; and

16 (5) to ensure nonconfidential documents and  
17 materials relating to information created or obtained  
18 by the National Highway Traffic Safety Administra-  
19 tion are made publicly available in a manner that  
20 is—

21 (A) timely; and

22 (B) searchable in databases by any ele-  
23 ment that the Secretary determines to be in the  
24 public interest.

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1 **SEC. 9218. NATIONAL DRIVER REGISTER ADVISORY COM-**  
2 **MITTEE REPEAL.**

3 (a) IN GENERAL.—Section 30306 of title 49, United  
4 States Code, is repealed.

5 (b) CLERICAL AMENDMENT.—The analysis for chap-  
6 ter 303 of title 49, United States Code, is amended by  
7 striking the item relating to section 30306.

8 **SEC. 9219. RESEARCH ON CONNECTED VEHICLE TECH-**  
9 **NOLOGY.**

10 The Administrator of the National Highway Traffic  
11 Safety Administration, in collaboration with the head of  
12 the Intelligent Transportation Systems Joint Program Of-  
13 fice and the Administrator of the Federal Highway Ad-  
14 ministration, shall—

15 (1) not later than 180 days after the date of  
16 enactment of this Act, expand vehicle-to-pedestrian  
17 research efforts focused on incorporating bicyclists  
18 and other vulnerable road users into the safe deploy-  
19 ment of connected vehicle systems; and

20 (2) not later than 2 years after the date of en-  
21 actment of this Act, submit to Congress and make  
22 publicly available a report describing the findings of  
23 the research efforts described in paragraph (1), in-  
24 cluding an analysis of the extent to which applica-  
25 tions supporting vulnerable road users can be ac-

1 commodated within existing spectrum allocations for  
2 connected vehicle systems.

3 **SEC. 9220. ADVANCED IMPAIRED DRIVING TECHNOLOGY.**

4 (a) FINDINGS.—Congress finds that—

5 (1) alcohol-impaired driving fatalities represent  
6 approximately  $\frac{1}{3}$  of all highway fatalities in the  
7 United States each year;

8 (2) in 2019, there were 10,142 alcohol-impaired  
9 driving fatalities in the United States involving driv-  
10 ers with a blood alcohol concentration level of .08 or  
11 higher, and 68 percent of the crashes that resulted  
12 in those fatalities involved a driver with a blood alco-  
13 hol concentration level of .15 or higher;

14 (3) the estimated economic cost for alcohol-im-  
15 paired driving in 2010 was \$44,000,000,000;

16 (4) according to the Insurance Institute for  
17 Highway Safety, advanced drunk and impaired driv-  
18 ing prevention technology can prevent more than  
19 9,400 alcohol-impaired driving fatalities annually;  
20 and

21 (5) to ensure the prevention of alcohol-impaired  
22 driving fatalities, advanced drunk and impaired driv-  
23 ing prevention technology must be standard equip-  
24 ment in all new passenger motor vehicles.

25 (b) DEFINITIONS.—In this section:

1           (1) ADVANCED DRUNK AND IMPAIRED DRIVING  
2 PREVENTION TECHNOLOGY.—The term “advanced  
3 drunk and impaired driving prevention technology”  
4 means a system that—

5           (A) can—

6                 (i) passively monitor the performance  
7 of a driver of a motor vehicle to accurately  
8 identify whether that driver may be im-  
9 paired; and

10               (ii) prevent or limit motor vehicle op-  
11 eration if an impairment is detected;

12           (B) can—

13                 (i) passively and accurately detect  
14 whether the blood alcohol concentration of  
15 a driver of a motor vehicle is equal to or  
16 greater than the blood alcohol concentra-  
17 tion described in section 163(a) of title 23,  
18 United States Code; and

19                 (ii) prevent or limit motor vehicle op-  
20 eration if a blood alcohol concentration  
21 above the legal limit is detected; or

22           (C) is a combination of systems described  
23 in subparagraphs (A) and (B).

1           (2) NEW.—The term “new”, with respect to a  
2           passenger motor vehicle, means that the passenger  
3           motor vehicle—

4                   (A) is a new vehicle (as defined in section  
5           37.3 of title 49, Code of Federal Regulations  
6           (or a successor regulation)); and

7                   (B) has not been purchased for purposes  
8           other than resale.

9           (3) PASSENGER MOTOR VEHICLE.—The term  
10          “passenger motor vehicle” has the meaning given  
11          the term in section 32101 of title 49, United States  
12          Code.

13          (4) SECRETARY.—The term “Secretary” means  
14          the Secretary of Transportation, acting through the  
15          Administrator of the National Highway Traffic Safe-  
16          ty Administration.

17          (c) ADVANCED DRUNK AND IMPAIRED DRIVING PRE-  
18          VENTION TECHNOLOGY SAFETY STANDARD.—Subject to  
19          subsection (e) and not later than 3 years after the date  
20          of enactment of this Act, the Secretary shall issue a final  
21          rule prescribing a Federal motor vehicle safety standard  
22          under section 30111 of title 49, United States Code, that  
23          requires passenger motor vehicles manufactured after the  
24          effective date of that standard to be equipped with ad-  
25          vanced drunk and impaired driving prevention technology.

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1 (d) REQUIREMENT.—To allow sufficient time for  
2 manufacturer compliance, the compliance date of the rule  
3 issued under subsection (c) shall be not earlier than 2  
4 years and not more than 3 years after the date on which  
5 that rule is issued.

6 (e) TIMING.—If the Secretary determines that the  
7 Federal motor vehicle safety standard required under sub-  
8 section (c) cannot meet the requirements and consider-  
9 ations described in subsections (a) and (b) of section  
10 30111 of title 49, United States Code, by the applicable  
11 date, the Secretary—

12 (1) may extend the time period to such date as  
13 the Secretary determines to be necessary, but not  
14 later than the date that is 3 years after the date de-  
15 scribed in subsection (c);

16 (2) shall, not later than the date described in  
17 subsection (c) and not less frequently than annually  
18 thereafter until the date on which the rule under  
19 that subsection is issued, submit to the Committee  
20 on Commerce, Science, and Transportation of the  
21 Senate and the Committee on Energy and Com-  
22 merce of the House of Representatives a report de-  
23 scribing, as of the date of submission of the report—

24 (A) the reasons for not prescribing a Fed-  
25 eral motor vehicle safety standard under section

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1 30111 of title 49, United States Code, that re-  
2 quires advanced drunk and impaired driving  
3 prevention technology in all new passenger  
4 motor vehicles;

5 (B) the deployment of advanced drunk and  
6 impaired driving prevention technology in vehi-  
7 cles;

8 (C) any information relating to the ability  
9 of vehicle manufacturers to include advanced  
10 drunk and impaired driving prevention tech-  
11 nology in new passenger motor vehicles; and

12 (D) an anticipated timeline for prescribing  
13 the Federal motor vehicle safety standard de-  
14 scribed in subsection (c); and

15 (3) if the Federal motor vehicle safety standard  
16 required by subsection (c) has not been finalized by  
17 the date that is 10 years after the date of enactment  
18 of this Act, shall submit to the Committee on Com-  
19 merce, Science, and Transportation of the Senate  
20 and the Committee on Energy and Commerce of the  
21 House of Representative a report describing—

22 (A) the reasons why the Federal motor ve-  
23 hicle safety standard has not been finalized;

24 (B) the barriers to finalizing the Federal  
25 motor vehicle safety standard; and

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1 (C) recommendations to Congress to facili-  
2 tate the Federal motor vehicle safety standard.

3 **SEC. 9221. GAO REPORT ON CRASH DUMMIES.**

4 (a) IN GENERAL.—Not later than 1 year after the  
5 date of enactment of this Act, the Comptroller General  
6 of the United States shall conduct a study and submit to  
7 the Committee on Commerce, Science, and Transportation  
8 of the Senate and the Committee on Energy and Com-  
9 merce of the House of Representatives a report that—

10 (1) examines—

11 (A) the processes used by the National  
12 Highway Traffic Safety Administration (re-  
13 ferred to in this section as the “Administra-  
14 tion”) for studying and deploying crash test  
15 dummies;

16 (B)(i) the types of crash test dummies  
17 used by the Administration as of the date of en-  
18 actment of this Act;

19 (ii) the seating positions in which those  
20 crash test dummies are tested; and

21 (iii) whether the seating position affects  
22 disparities in motor vehicle safety outcomes  
23 based on demographic characteristics, including  
24 sex, and, if so, how the seating position affects  
25 those disparities;



1 (C) the biofidelic crash test dummies that  
2 are available in the global and domestic market-  
3 place that reflect the physical and demographic  
4 characteristics of the driving public in the  
5 United States, including—

6 (i) females;

7 (ii) the elderly;

8 (iii) young adults;

9 (iv) children; and

10 (v) individuals of differing body  
11 weights;

12 (D) how the Administration determines  
13 whether to study and deploy new biofidelic  
14 crash test dummies, including the biofidelic  
15 crash test dummies examined under subpara-  
16 graph (C), and the timelines by which the Ad-  
17 ministration conducts the work of making those  
18 determinations and studying and deploying new  
19 biofidelic crash test dummies;

20 (E) challenges the Administration faces in  
21 studying and deploying new crash test dum-  
22 mies; and

23 (F) how the practices of the Administra-  
24 tion with respect to crash test dummies com-  
25 pare to other programs that test vehicles and

1 report results to the public, including the Euro-  
2 pean New Car Assessment Programme;

3 (2) evaluates potential improvements to the  
4 processes described in paragraph (1) that could re-  
5 duce disparities in motor vehicle safety outcomes  
6 based on demographic characteristics, including sex;

7 (3) analyzes the potential use of computer sim-  
8 ulation techniques, as a supplement to physical  
9 crash tests, to conduct virtual simulations of vehicle  
10 crash tests in order to evaluate predicted motor vehi-  
11 cle safety outcomes based on the different physical  
12 and demographic characteristics of motor vehicle oc-  
13 cupants; and

14 (4) includes, as applicable, any assessments or  
15 recommendations relating to crash test dummies  
16 that are relevant to reducing disparities in motor ve-  
17 hicle safety outcomes based on demographic charac-  
18 teristics, including sex.

19 (b) INTERIM REPORT FROM THE ADMINISTRA-  
20 TION.—Not later than 90 days after the date of enactment  
21 of this Act, the Administrator of the Administration shall  
22 submit to the Committee on Commerce, Science, and  
23 Transportation of the Senate and the Committee on En-  
24 ergy and Commerce of the House of Representatives a re-  
25 port that—

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1 (1) identifies—

2 (A) the types of crash test dummies used  
3 by the Administration as of the date of enact-  
4 ment of this Act with respect to—

5 (i) the New Car Assessment Program  
6 of the Administration; and

7 (ii) testing relating to Federal Motor  
8 Vehicle Safety Standards;

9 (B) how each type of crash test dummy  
10 identified under subparagraph (A) is tested  
11 with respect to seating position; and

12 (C) any crash test dummies that the Ad-  
13 ministration is actively evaluating for future  
14 use—

15 (i) in the New Car Assessment Pro-  
16 gram of the Administration; or

17 (ii) for testing relating to Federal  
18 Motor Vehicle Safety Standards;

19 (2) explains—

20 (A) the plans of the Administration, in-  
21 cluding the expected timelines, for putting any  
22 crash test dummies identified under paragraph  
23 (1)(C) to use as described in that paragraph;

24 (B) any challenges to putting those crash  
25 test dummies to use; and

1 (C) the potential use of computer simula-  
2 tion techniques, as a supplement to physical  
3 crash tests, to conduct virtual simulations of ve-  
4 hicle crash tests in order to evaluate predicted  
5 motor vehicle safety outcomes based on the dif-  
6 ferent physical and demographic characteristics  
7 of motor vehicle occupants; and

8 (3) provides policy recommendations for reduc-  
9 ing disparities in motor vehicle safety testing and  
10 outcomes based on demographic characteristics, in-  
11 cluding sex.

12 **SEC. 9222. CHILD SAFETY.**

13 (a) AMENDMENT.—

14 (1) IN GENERAL.—Chapter 323 of title 49,  
15 United States Code, is amended by adding after sec-  
16 tion 32304A the following:

17 **“§ 32304B. Child safety**

18 “(a) DEFINITIONS.—In this section:

19 “(1) PASSENGER MOTOR VEHICLE.—The term  
20 ‘passenger motor vehicle’ has the meaning given that  
21 term in section 32101.

22 “(2) REAR-DESIGNATED SEATING POSITION.—  
23 The term ‘rear-designated seating position’ means  
24 designated seating positions that are rearward of the  
25 front seat.

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1           “(3) SECRETARY.—The term ‘Secretary’ means  
2           the Secretary of Transportation.

3           “(b) RULEMAKING.—Not later than 2 years after the  
4           date of enactment of this section, the Secretary shall issue  
5           a final rule requiring all new passenger motor vehicles  
6           weighing less than 10,000 pounds gross vehicle weight to  
7           be equipped with a system to alert the operator to check  
8           rear-designated seating positions after the vehicle engine  
9           or motor is deactivated by the operator.

10          “(c) MEANS.—The alert required under subsection  
11          (b)—

12                 “(1) shall include a distinct auditory and visual  
13                 alert, which may be combined with a haptic alert;  
14                 and

15                 “(2) shall be activated when the vehicle motor  
16                 is deactivated by the operator.

17          “(d) PHASE-IN.—The rule issued pursuant to sub-  
18          section (b) shall require full compliance with the rule be-  
19          ginning on September 1st of the first calendar year that  
20          begins 2 years after the date on which the final rule is  
21          issued.”.

22                 (2) CLERICAL AMENDMENT.—The analysis for  
23                 chapter 323 of title 49, United States Code, is  
24                 amended by inserting after the item relating to sec-  
25                 tion 32304A the following:

“32304B. Child safety.”.

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1 (b) AWARENESS OF CHILDREN IN MOTOR VEHI-  
2 CLES.—Section 402 of title 23, United States Code (as  
3 amended by section 9102(a)(9)), is amended by adding at  
4 the end the following:

5 “(o) UNATTENDED PASSENGERS.—

6 “(1) IN GENERAL.—Each State shall use a por-  
7 tion of the amounts received by the State under this  
8 section to carry out a program to educate the public  
9 regarding the risks of leaving a child or unattended  
10 passenger in a vehicle after the vehicle motor is de-  
11 activated by the operator.

12 “(2) PROGRAM PLACEMENT.—Nothing in this  
13 subsection requires a State to carry out a program  
14 described in paragraph (1) through the State trans-  
15 portation or highway safety office.”.

16 (c) STUDY AND REPORT.—

17 (1) STUDY.—

18 (A) IN GENERAL.—The Secretary shall  
19 conduct a study on—

20 (i) the potential retrofitting of existing  
21 passenger motor vehicles with 1 or more  
22 technologies that may address the problem  
23 of children left in rear-designated seating  
24 positions of motor vehicles after deactiva-

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1 tion of the motor vehicles by an operator;  
2 and

3 (ii) the potential benefits and burdens,  
4 logistical or economic, associated with  
5 widespread use of those technologies.

6 (B) ELEMENTS.—In carrying out the  
7 study under subparagraph (A), the Secretary  
8 shall—

9 (i) survey and evaluate a variety of  
10 methods used by current and emerging  
11 aftermarket technologies or products to re-  
12 duce the risk of children being left in rear-  
13 designated seating positions after deactiva-  
14 tion of a motor vehicle; and

15 (ii) provide recommendations—

16 (I) for manufacturers of the tech-  
17 nologies and products described in  
18 clause (i) to carry out a functional  
19 safety performance evaluation to en-  
20 sure that the technologies and prod-  
21 ucts perform as designed by the man-  
22 ufacturer under a variety of real-world  
23 conditions; and

24 (II) for consumers on methods to  
25 select an appropriate technology or

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1 product described in clause (i) in  
2 order to retrofit existing vehicles.

3 (2) REPORT BY SECRETARY.—Not later than  
4 180 days after the date on which the Secretary  
5 issues the final rule required by section 32304B(b)  
6 of title 49, United States Code (as added by sub-  
7 section (a)(1)), the Secretary shall submit a report  
8 describing the results of the study carried out under  
9 paragraph (1) to—

10 (A) the Committee on Commerce, Science,  
11 and Transportation of the Senate; and

12 (B) the Committee on Energy and Com-  
13 merce of the House of Representatives.

14 **TITLE X—RESEARCH AND**  
15 **INNOVATION**

16 **SEC. 10001. INTELLIGENT TRANSPORTATION SYSTEMS PRO-**  
17 **GRAM ADVISORY COMMITTEE.**

18 Section 515(h) of title 23, United States Code, is  
19 amended—

20 (1) in paragraph (1), by inserting “(referred to  
21 in this subsection as the ‘Advisory Committee’)”  
22 after “an Advisory Committee”;

23 (2) in paragraph (2)—



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1 (A) in the matter preceding subparagraph  
2 (A), by striking “20 members” and inserting  
3 “25 members”;

4 (B) in subparagraph (K), by striking “;  
5 and” and inserting a semicolon;

6 (C) in subparagraph (L)—

7 (i) by striking “utilities,”; and

8 (ii) by striking the period at the end  
9 and inserting a semicolon;

10 (D) by redesignating subparagraphs (E)  
11 through (L) as subparagraphs (G), (I), (J),  
12 (K), (L), (M), (Q), and (R), respectively;

13 (E) by inserting after subparagraph (D)  
14 the following:

15 “(E) a representative of a national transit  
16 association;

17 “(F) a representative of a national, State,  
18 or local transportation agency or association;”;

19 (F) by inserting after subparagraph (G)  
20 (as so redesignated) the following:

21 “(H) a private sector developer of intel-  
22 ligent transportation system technologies, which  
23 may include emerging vehicle technologies;”;

24 (G) by inserting after subparagraph (M)  
25 (as so redesignated) the following:

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1           “(N) a representative of a labor organiza-  
2           tion;

3           “(O) a representative of a mobility-pro-  
4           viding entity;

5           “(P) an expert in traffic management;”;  
6           and

7           (H) by adding at the end the following:

8           “(S) an expert in cybersecurity; and

9           “(T) an automobile manufacturer.”;

10          (3) in paragraph (3)—

11           (A) in subparagraph (A), by striking “sec-  
12           tion 508” and inserting “section 6503 of title  
13           49”; and

14           (B) in subparagraph (B)—

15           (i) in the matter preceding clause (i),  
16           by inserting “programs and” before “re-  
17           search”; and

18           (ii) in clause (iii), by striking “re-  
19           search and” and inserting “programs, re-  
20           search, and”;

21          (4) by redesignating paragraphs (3) through  
22          (5) as paragraphs (5) through (7); and

23          (5) by inserting after paragraph (2) the fol-  
24          lowing:

25          “(3) TERM.—

1           “(A) IN GENERAL.—The term of a mem-  
2           ber of the Advisory Committee shall be 3 years.

3           “(B) RENEWAL.—On expiration of the  
4           term of a member of the Advisory Committee,  
5           the member—

6                     “(i) may be reappointed; or

7                     “(ii) if the member is not reappointed  
8                     under clause (i), may serve until a new  
9                     member is appointed.

10          “(4) MEETINGS.—The Advisory Committee—

11                     “(A) shall convene not less frequently than  
12                     twice each year; and

13                     “(B) may convene with the use of remote  
14                     video conference technology.”.

15   **SEC. 10002. SMART COMMUNITY RESOURCE CENTER.**

16          (a) DEFINITIONS.—In this section:

17                     (1) RESOURCE CENTER.—The term “resource  
18                     center” means the Smart Community Resource Cen-  
19                     ter established under subsection (b).

20                     (2) SMART COMMUNITY.—The term “smart  
21                     community” means a community that uses innova-  
22                     tive technologies, data, analytics, and other means to  
23                     improve the community and address local challenges.

24          (b) ESTABLISHMENT.—The Secretary shall work  
25          with the modal administrations of the Department and

1 with such other Federal agencies and departments as the  
2 Secretary determines to be appropriate to make available  
3 to the public on an Internet website a resource center, to  
4 be known as the “Smart Community Resource Center”,  
5 that includes a compilation of resources or links to re-  
6 sources for States and local communities to use in devel-  
7 oping and implementing—

8           (1) intelligent transportation system programs;

9           or

10           (2) smart community transportation programs.

11           (c) INCLUSIONS.—The resource center shall include  
12 links to—

13           (1) existing programs and resources for intel-  
14 ligent transportation system or smart community  
15 transportation programs, including technical assist-  
16 ance, education, training, funding, and examples of  
17 intelligent transportation systems or smart commu-  
18 nity transportation programs implemented by States  
19 and local communities, available from—

20                   (A) the Department;

21                   (B) other Federal agencies; and

22                   (C) non-Federal sources;

23           (2) existing reports or databases with the re-  
24 sults of intelligent transportation system or smart  
25 community transportation programs;

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1 (3) any best practices developed or lessons  
2 learned from intelligent transportation system or  
3 smart community transportation programs; and

4 (4) such other resources as the Secretary deter-  
5 mines to be appropriate.

6 (d) DEADLINE.—The Secretary shall establish the re-  
7 source center by the date that is 1 year after the date  
8 of enactment of this Act.

9 (e) UPDATES.—The Secretary shall ensure that the  
10 resource center is updated on a regular basis.

11 **SEC. 10003. FEDERAL SUPPORT FOR LOCAL DECISION-**  
12 **MAKING.**

13 (a) LOCAL OUTREACH.—To determine the data anal-  
14 ysis tools needed to assist local communities in making  
15 infrastructure decisions, the Director of the Bureau of  
16 Transportation Statistics shall perform outreach to plan-  
17 ning and infrastructure decision-making officials in units  
18 of local government and other units of government, includ-  
19 ing a geographically diverse group of individuals from—

20 (1) States;

21 (2) political subdivisions of States;

22 (3) cities;

23 (4) metropolitan planning organizations;

24 (5) regional transportation planning organiza-  
25 tions; and

1 (6) federally recognized Indian Tribes.

2 (b) WORK PLAN.—

3 (1) IN GENERAL.—Not later than 1 year after  
4 the date of enactment of this Act, based on the out-  
5 reach performed under subsection (a), the Director  
6 of the Bureau of Transportation Statistics shall sub-  
7 mit to the Secretary a work plan for reviewing and  
8 updating existing data analysis tools and developing  
9 any additional data analysis tools needed to assist  
10 local communities with making infrastructure invest-  
11 ment decisions.

12 (2) CONTENTS.—Based on the needs identified  
13 pursuant to the outreach performed under sub-  
14 section (a), the work plan submitted under para-  
15 graph (1) shall include—

16 (A) a description of the data analysis tools  
17 identified that would benefit infrastructure deci-  
18 sion-making by local governments and address  
19 the goals described in subsection (c);

20 (B) a review of the datasets that local gov-  
21 ernments need to effectively use the data anal-  
22 ysis tools described in subparagraph (A);

23 (C) an identification of existing or pro-  
24 posed data analysis tools that use publicly avail-  
25 able data;

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1 (D) the estimated cost of obtaining each  
2 dataset described in subparagraph (B);

3 (E) the estimated cost to develop the data  
4 analysis tools described in subparagraph (A);

5 (F) a prioritization for the development of  
6 data analysis tools described in subparagraph  
7 (A); and

8 (G) a determination as to whether it would  
9 be appropriate for the Federal Government to  
10 develop the data analysis tools described in sub-  
11 paragraph (A).

12 (c) GOALS.—

13 (1) IN GENERAL.—A data analysis tool created  
14 pursuant to the work plan submitted under sub-  
15 section (b)(1) shall be developed to help inform local  
16 communities in making infrastructure investments.

17 (2) SPECIFIC ISSUES.—A data analysis tool cre-  
18 ated pursuant to the work plan submitted under  
19 subsection (b)(1) shall be intended to help units of  
20 local government and other units of government ad-  
21 dress 1 or more of the following:

22 (A) Improving maintenance of existing as-  
23 sets.

24 (B) Rebuilding infrastructure to a state of  
25 good repair.

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1 (C) Creating economic development  
2 through infrastructure development.

3 (D) Establishing freight plans and infra-  
4 structure that connects the community to sup-  
5 ply chains.

6 (E) Increasing options for communities  
7 that lack access to affordable transportation to  
8 improve access to jobs, affordable housing,  
9 schools, medical services, foods and other essen-  
10 tial community services.

11 (F) Reducing congestion.

12 (G) Improving community resilience to ex-  
13 treme weather events.

14 (H) Any other subject, as the Director de-  
15 termines to be necessary.

16 (d) IMPLEMENTATION.—Subject to the availability of  
17 appropriations, the Secretary shall develop data analysis  
18 tools and purchase datasets as prioritized in the work  
19 plan.

20 (e) COORDINATION.—The Director of the Bureau of  
21 Transportation Statistics may utilize existing working  
22 groups or advisory committees to perform the local out-  
23 reach required under subsection (a).



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1 **SEC. 10004. BUREAU OF TRANSPORTATION STATISTICS.**

2 (a) FUNDING.—In addition to amounts made avail-  
3 able from the Highway Trust Fund, there is authorized  
4 to be appropriated to the Secretary for use by the Bureau  
5 of Transportation Statistics for data collection and anal-  
6 ysis activities \$10,000,000 for each of fiscal years 2022  
7 through 2026.

8 (b) AMENDMENT.—Section 6302(b)(3)(B)(vi) of title  
9 49, United States Code, is amended—

10 (1) by striking subclause (V);

11 (2) by redesignating subclauses (VI) through  
12 (XI) as subclauses (VII) through (XII), respectively;  
13 and

14 (3) by adding after subclause (IV) the fol-  
15 lowing:

16 “(V) employment in the transpor-  
17 tation sector;

18 “(VI) the effects of the transpor-  
19 tation system, including advanced  
20 technologies and automation, on glob-  
21 al and domestic economic competitive-  
22 ness;”.

23 **SEC. 10005. STRENGTHENING MOBILITY AND REVOLUTION-**  
24 **IZING TRANSPORTATION GRANT PROGRAM.**

25 (a) DEFINITIONS.—In this section:

1           (1) ELIGIBLE ENTITY.—The term “eligible enti-  
2           ty” means—

3                   (A) a State;

4                   (B) a political subdivision of a State;

5                   (C) a Tribal government;

6                   (D) a public transit agency or authority;

7                   (E) a public toll authority;

8                   (F) a metropolitan planning organization;

9           and

10                   (G) a group of 2 or more eligible entities  
11           described in any of subparagraphs (A) through  
12           (F) applying through a single lead applicant.

13           (2) ELIGIBLE PROJECT.—The term “eligible  
14           project” means a project described in subsection (e).

15           (3) LARGE COMMUNITY.—The term “large com-  
16           munity” means a community with a population of  
17           not less than 400,000 individuals, as determined  
18           under the most recent annual estimate of the Bu-  
19           reau of the Census.

20           (4) MIDSIZED COMMUNITY.—The term  
21           “midsized community” means any community that  
22           is not a large community or a rural community.

23           (5) REGIONAL PARTNERSHIP.—The term “re-  
24           gional partnership” means a partnership composed  
25           of 2 or more eligible entities located in jurisdictions

1 with a combined population that is equal to or great-  
2 er than the population of any midsized community.

3 (6) RURAL COMMUNITY.—The term “rural  
4 community” means a community that is located in  
5 an area that is outside of an urbanized area (as de-  
6 fined in section 5302 of title 49, United States  
7 Code).

8 (7) SMART GRANT.—The term “SMART  
9 grant” means a grant provided to an eligible entity  
10 under the Strengthening Mobility and Revolution-  
11 izing Transportation Grant Program established  
12 under subsection (b).

13 (b) ESTABLISHMENT OF PROGRAM.—The Secretary  
14 shall establish a program, to be known as the “Strenght-  
15 ening Mobility and Revolutionizing Transportation Grant  
16 Program”, under which the Secretary shall provide grants  
17 to eligible entities to conduct demonstration projects fo-  
18 cused on advanced smart city or community technologies  
19 and systems in a variety of communities to improve trans-  
20 portation efficiency and safety.

21 (c) DISTRIBUTION.—In determining the projects for  
22 which to provide a SMART grant, the Secretary shall con-  
23 sider contributions to geographical diversity among grant  
24 recipients, including the need for balancing the needs of  
25 rural communities, midsized communities, and large com-

1 munities, consistent with the requirements of subpara-  
2 graphs (A) through (C) of subsection (g)(1).

3 (d) APPLICATIONS.—

4 (1) IN GENERAL.—An eligible entity may sub-  
5 mit to the Secretary an application for a SMART  
6 grant at such time, in such manner, and containing  
7 such information as the Secretary may require.

8 (2) TRANSPARENCY.—The Secretary shall in-  
9 clude, in any notice of funding availability relating  
10 to SMART grants, a full description of the method  
11 by which applications under paragraph (1) will be  
12 evaluated.

13 (3) SELECTION CRITERIA.—

14 (A) IN GENERAL.—The Secretary shall  
15 evaluate applications for SMART grants based  
16 on—

17 (i) the extent to which the eligible en-  
18 tity or applicable beneficiary community—

19 (I) has a public transportation  
20 system or other transit options capa-  
21 ble of integration with other systems  
22 to improve mobility and efficiency;

23 (II) has a population density and  
24 transportation needs conducive to  
25 demonstrating proposed strategies;

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1 (III) has continuity of committed  
2 leadership and the functional capacity  
3 to carry out the proposed project;

4 (IV) is committed to open data  
5 sharing with the public; and

6 (V) is likely to successfully imple-  
7 ment the proposed eligible project, in-  
8 cluding through technical and finan-  
9 cial commitments from the public and  
10 private sectors; and

11 (ii) the extent to which a proposed eli-  
12 gible project will use advanced data, tech-  
13 nology, and applications to provide signifi-  
14 cant benefits to a local area, a State, a re-  
15 gion, or the United States, including the  
16 extent to which the proposed eligible  
17 project will—

18 (I) reduce congestion and delays  
19 for commerce and the traveling public;

20 (II) improve the safety and inte-  
21 gration of transportation facilities and  
22 systems for pedestrians, bicyclists,  
23 and the broader traveling public;

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1 (III) improve access to jobs, edu-  
2 cation, and essential services, includ-  
3 ing health care;

4 (IV) connect or expand access for  
5 underserved or disadvantaged popu-  
6 lations and reduce transportation  
7 costs;

8 (V) contribute to medium- and  
9 long-term economic competitiveness;

10 (VI) improve the reliability of ex-  
11 isting transportation facilities and sys-  
12 tems;

13 (VII) promote connectivity be-  
14 tween and among connected vehicles,  
15 roadway infrastructure, pedestrians,  
16 bicyclists, the public, and transpor-  
17 tation systems

18 (VIII) incentivize private sector  
19 investments or partnerships, including  
20 by working with mobile and fixed tele-  
21 communication service providers, to  
22 the extent practicable;

23 (IX) improve energy efficiency or  
24 reduce pollution;

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1 (X) increase the resiliency of the  
2 transportation system; and

3 (XI) improve emergency re-  
4 sponse.

5 (B) PRIORITY.—In providing SMART  
6 grants, the Secretary shall give priority to ap-  
7 plications for eligible projects that would—

8 (i) demonstrate smart city or commu-  
9 nity technologies in repeatable ways that  
10 can rapidly be scaled;

11 (ii) encourage public and private shar-  
12 ing of data and best practices;

13 (iii) encourage private-sector innova-  
14 tion by promoting industry-driven tech-  
15 nology standards, open platforms, tech-  
16 nology-neutral requirements, and inter-  
17 operability;

18 (iv) promote a skilled workforce that  
19 is inclusive of minority or disadvantaged  
20 groups;

21 (v) allow for the measurement and  
22 validation of the cost savings and perform-  
23 ance improvements associated with the in-  
24 stallation and use of smart city or commu-  
25 nity technologies and practices;

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1 (vi) encourage the adoption of smart  
2 city or community technologies by commu-  
3 nities;

4 (vii) promote industry practices re-  
5 garding cybersecurity; and

6 (viii) safeguard individual privacy.

7 (4) TECHNICAL ASSISTANCE.—On request of an  
8 eligible entity that submitted an application under  
9 paragraph (1) with respect to a project that is not  
10 selected for a SMART grant, the Secretary shall  
11 provide to the eligible entity technical assistance and  
12 briefings relating to the project.

13 (e) USE OF GRANT FUNDS.—

14 (1) ELIGIBLE PROJECTS.—

15 (A) IN GENERAL.—A SMART grant may  
16 be used to carry out a project that dem-  
17 onstrates at least 1 of the following:

18 (i) COORDINATED AUTOMATION.—The  
19 use of automated transportation and au-  
20 tonomous vehicles, while working to mini-  
21 mize the impact on the accessibility of any  
22 other user group or mode of travel.

23 (ii) CONNECTED VEHICLES.—Vehicles  
24 that send and receive information regard-  
25 ing vehicle movements in the network and



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1 use vehicle-to-vehicle and vehicle-to-every-  
2 thing communications to provide advanced  
3 and reliable connectivity.

4 (iii) INTELLIGENT, SENSOR-BASED IN-  
5 FRASTRUCTURE.—The deployment and use  
6 of a collective intelligent infrastructure  
7 that allows sensors to collect and report  
8 real-time data to inform everyday trans-  
9 portation-related operations and perform-  
10 ance.

11 (iv) SYSTEMS INTEGRATION.—The in-  
12 tegration of intelligent transportation sys-  
13 tems with other existing systems and other  
14 advanced transportation technologies.

15 (v) COMMERCE DELIVERY AND LOGIS-  
16 TICS.—Innovative data and technological  
17 solutions supporting efficient goods move-  
18 ment, such as connected vehicle probe  
19 data, road weather data, or global posi-  
20 tioning data to improve on-time pickup  
21 and delivery, improved travel time reli-  
22 ability, reduced fuel consumption and  
23 emissions, and reduced labor and vehicle  
24 maintenance costs.

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1 (vi) LEVERAGING USE OF INNOVATIVE  
2 AVIATION TECHNOLOGY.—Leveraging the  
3 use of innovative aviation technologies,  
4 such as unmanned aircraft systems, to  
5 support transportation safety and effi-  
6 ciencies, including traffic monitoring and  
7 infrastructure inspection.

8 (vii) SMART GRID.—Development of a  
9 programmable and efficient energy trans-  
10 mission and distribution system to support  
11 the adoption or expansion of energy cap-  
12 ture, electric vehicle deployment, or freight  
13 or commercial fleet fuel efficiency.

14 (viii) SMART TECHNOLOGY TRAFFIC  
15 SIGNALS.—Improving the active manage-  
16 ment and functioning of traffic signals, in-  
17 cluding through—

18 (I) the use of automated traffic  
19 signal performance measures;

20 (II) implementing strategies, ac-  
21 tivities, and projects that support ac-  
22 tive management of traffic signal op-  
23 erations, including through optimiza-  
24 tion of corridor timing, improved vehi-  
25 cle, pedestrian, and bicycle detection

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1 at traffic signals, or the use of con-  
2 nected vehicle technologies;

3 (III) replacing outdated traffic  
4 signals; or

5 (IV) for an eligible entity serving  
6 a population of less than 500,000,  
7 paying the costs of temporary staffing  
8 hours dedicated to updating traffic  
9 signal technology.

10 (2) ELIGIBLE PROJECT COSTS.—A SMART  
11 grant may be used for—

12 (A) development phase activities, includ-  
13 ing—

14 (i) planning;

15 (ii) feasibility analyses;

16 (iii) revenue forecasting;

17 (iv) environmental review;

18 (v) permitting;

19 (vi) preliminary engineering and de-  
20 sign work;

21 (vii) systems development or informa-  
22 tion technology work; and

23 (viii) acquisition of real property (in-  
24 cluding land and improvements to land re-  
25 lating to an eligible project); and

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1 (B) construction phase activities, includ-  
2 ing—  
3 (i) construction;  
4 (ii) reconstruction;  
5 (iii) rehabilitation;  
6 (iv) replacement;  
7 (v) environmental mitigation;  
8 (vi) construction contingencies; and  
9 (vii) acquisition of equipment, includ-  
10 ing vehicles.

11 (3) PROHIBITED USES.—A SMART grant shall  
12 not be used—

13 (A) to reimburse any preaward costs or ap-  
14 plication preparation costs of the SMART grant  
15 application;

16 (B) for any traffic or parking enforcement  
17 activity; or

18 (C) to purchase or lease a license plate  
19 reader.

20 (f) REPORTS.—

21 (1) ELIGIBLE ENTITIES.—Not later than 2  
22 years after the date on which an eligible entity re-  
23 ceives a SMART grant, and annually thereafter until  
24 the date on which the SMART grant is expended,

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1 the eligible entity shall submit to the Secretary an  
2 implementation report that describes—

3 (A) the deployment and operational costs  
4 of each eligible project carried out by the eligi-  
5 ble entity, as compared to the benefits and sav-  
6 ings from the eligible project; and

7 (B) the means by which each eligible  
8 project carried out by the eligible entity has  
9 met the original expectation, as projected in the  
10 SMART grant application, including—

11 (i) data describing the means by  
12 which the eligible project met the specific  
13 goals for the project, such as—

14 (I) reducing traffic-related fatali-  
15 ties and injuries;

16 (II) reducing traffic congestion  
17 or improving travel-time reliability;

18 (III) providing the public with  
19 access to real-time integrated traffic,  
20 transit, and multimodal transpor-  
21 tation information to make informed  
22 travel decisions; or

23 (IV) reducing barriers or improv-  
24 ing access to jobs, education, or var-  
25 ious essential services;

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1 (ii) the effectiveness of providing to  
2 the public real-time integrated traffic,  
3 transit, and multimodal transportation in-  
4 formation to make informed travel deci-  
5 sions; and

6 (iii) lessons learned and recommenda-  
7 tions for future deployment strategies to  
8 optimize transportation efficiency and  
9 multimodal system performance.

10 (2) GAO.—Not later than 4 years after the  
11 date of enactment of this Act, the Comptroller Gen-  
12 eral of the United States shall conduct, and submit  
13 to the Committee on Commerce, Science, and Trans-  
14 portation of the Senate, the Committee on Energy  
15 and Commerce of the House of Representatives, and  
16 the Committee on Transportation and Infrastructure  
17 of the House of Representatives a report describing  
18 the results of, a review of the SMART grant pro-  
19 gram under this section.

20 (3) SECRETARY.—

21 (A) REPORT TO CONGRESS.—Not later  
22 than 2 years after the date on which the initial  
23 SMART grants are provided under this section,  
24 the Secretary shall submit to the Committee on  
25 Commerce, Science, and Transportation of the

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1 Senate, the Committee on Energy and Com-  
2 merce of the House of Representatives, and the  
3 Committee on Transportation and Infrastruc-  
4 ture of the House of Representatives a report  
5 that—

6 (i) describes each eligible entity that  
7 received a SMART grant;

8 (ii) identifies the amount of each  
9 SMART grant provided;

10 (iii) summarizes the intended uses of  
11 each SMART grant;

12 (iv) describes the effectiveness of eligi-  
13 ble entities in meeting the goals described  
14 in the SMART grant application of the eli-  
15 gible entity, including an assessment or  
16 measurement of the realized improvements  
17 or benefits resulting from each SMART  
18 grant; and

19 (v) describes lessons learned and rec-  
20 ommendations for future deployment strat-  
21 egies to optimize transportation efficiency  
22 and multimodal system performance.

23 (B) BEST PRACTICES.—The Secretary  
24 shall—

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1 (i) develop and regularly update best  
2 practices based on, among other informa-  
3 tion, the data, lessons learned, and feed-  
4 back from eligible entities that received  
5 SMART grants;

6 (ii) publish the best practices under  
7 clause (i) on a publicly available website;  
8 and

9 (iii) update the best practices pub-  
10 lished on the website under clause (ii) reg-  
11 ularly.

12 (g) AUTHORIZATION OF APPROPRIATIONS.—

13 (1) IN GENERAL.—There is authorized to be  
14 appropriated to the Secretary \$100,000,000 for each  
15 of the first 5 fiscal years beginning after the date of  
16 enactment of this Act, of which—

17 (A) not more than 40 percent shall be used  
18 to provide SMART grants for eligible projects  
19 that primarily benefit large communities;

20 (B) not more than 30 percent shall be pro-  
21 vided for eligible projects that primarily benefit  
22 midsized communities; and

23 (C) not more than 30 percent shall be used  
24 to provide SMART grants for eligible projects



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1 that primarily benefit rural communities or re-  
2 gional partnerships.

3 (2) ADMINISTRATIVE COSTS.—Of the amounts  
4 made available under paragraph (1) for each fiscal  
5 year, not more than 2 percent shall be used for ad-  
6 ministrative costs of the Secretary in carrying out  
7 this section.

8 (3) LIMITATION.—An eligible entity may not  
9 use more than 3 percent of the amount of a SMART  
10 grant for each fiscal year to achieve compliance with  
11 applicable planning and reporting requirements.

12 (4) AVAILABILITY.—The amounts made avail-  
13 able for a fiscal year pursuant to this subsection  
14 shall be available for obligation during the 2-fiscal-  
15 year period beginning on the first day of the fiscal  
16 year for which the amounts were appropriated.

17 **SEC. 10006. ELECTRIC VEHICLE WORKING GROUP.**

18 (a) DEFINITIONS.—In this section:

19 (1) SECRETARIES.—The term “Secretaries”  
20 means—

21 (A) the Secretary; and

22 (B) the Secretary of Energy.

23 (2) WORKING GROUP.—The term “working  
24 group” means the electric vehicle working group es-  
25 tablished under subsection (b)(1).

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1 (b) ESTABLISHMENT.—

2 (1) IN GENERAL.—Not later than 1 year after  
3 the date of enactment of this Act, the Secretaries  
4 shall jointly establish an electric vehicle working  
5 group to make recommendations regarding the de-  
6 velopment, adoption, and integration of light-, me-  
7 dium-, and heavy-duty electric vehicles into the  
8 transportation and energy systems of the United  
9 States.

10 (2) MEMBERSHIP.—

11 (A) IN GENERAL.—The working group  
12 shall be composed of—

13 (i) the Secretaries (or designees), who  
14 shall be cochairs of the working group; and

15 (ii) not more than 25 members, to be  
16 appointed by the Secretaries, of whom—

17 (I) not more than 6 shall be Fed-  
18 eral stakeholders as described in sub-  
19 paragraph (B); and

20 (II) not more than 19 shall be  
21 non-Federal stakeholders as described  
22 in subparagraph (C).

23 (B) FEDERAL STAKEHOLDERS.—The  
24 working group—

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1 (i) shall include not fewer than 1 rep-  
2 resentative of each of—

3 (I) the Department;

4 (II) the Department of Energy;

5 (III) the Environmental Protec-  
6 tion Agency;

7 (IV) the Council on Environ-  
8 mental Quality; and

9 (V) the General Services Admin-  
10 istration; and

11 (ii) may include a representative of  
12 any other Federal agency the Secretaries  
13 consider to be appropriate.

14 (C) NON-FEDERAL STAKEHOLDERS.—

15 (i) IN GENERAL.—Subject to clause  
16 (ii), the working group—

17 (I) shall include not fewer than 1  
18 representative of each of—

19 (aa) a manufacturer of  
20 light-duty electric vehicles or the  
21 relevant components of light-duty  
22 electric vehicles;

23 (bb) a manufacturer of  
24 medium- and heavy-duty vehicles  
25 or the relevant components of

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1 medium- and heavy-duty electric  
2 vehicles;

3 (cc) a manufacturer of elec-  
4 tric vehicle batteries;

5 (dd) an owner, operator, or  
6 manufacturer of electric vehicle  
7 charging equipment;

8 (ee) the public utility indus-  
9 try;

10 (ff) a public utility regulator  
11 or association of public utility  
12 regulators;

13 (gg) the transportation fuel-  
14 ing distribution industry;

15 (hh) the energy provider in-  
16 dustry;

17 (ii) the automotive dealing  
18 industry;

19 (jj) the for-hire passenger  
20 transportation industry;

21 (kk) an organization rep-  
22 resenting units of local govern-  
23 ment;

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1 (ll) an organization rep-  
2 resenting regional transportation  
3 or planning agencies;

4 (mm) an organization rep-  
5 resenting State departments of  
6 transportation;

7 (nn) an organization rep-  
8 resenting State departments of  
9 energy or State energy planners;

10 (oo) the intelligent transpor-  
11 tation systems and technologies  
12 industry;

13 (pp) labor organizations rep-  
14 resenting workers in transpor-  
15 tation manufacturing, construc-  
16 tion, or operations;

17 (qq) the trucking industry;

18 (rr) Tribal governments; and

19 (ss) the property develop-  
20 ment industry; and

21 (II) may include a representative  
22 of any other non-Federal stakeholder  
23 that the Secretaries consider to be ap-  
24 propriate.

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1 (ii) REQUIREMENT.—The stake-  
2 holders selected under clause (i) shall, in  
3 the aggregate—

4 (I) consist of individuals with a  
5 balance of backgrounds, experiences,  
6 and viewpoints; and

7 (II) include individuals that rep-  
8 resent geographically diverse regions  
9 of the United States, including indi-  
10 viduals representing the perspectives  
11 of rural, urban, and suburban areas.

12 (D) COMPENSATION.—A member of the  
13 working group shall serve without compensa-  
14 tion.

15 (3) MEETINGS.—

16 (A) IN GENERAL.—The working group  
17 shall meet not less frequently than once every  
18 120 days.

19 (B) REMOTE PARTICIPATION.—A member  
20 of the working group may participate in a meet-  
21 ing of the working group via teleconference or  
22 similar means.

23 (4) COORDINATION.—In carrying out the duties  
24 of the working group, the working group shall co-  
25 ordinate and consult with any existing Federal inter-

1 agency working groups on fleet conversion or other  
2 similar matters relating to electric vehicles.

3 (c) REPORTS AND STRATEGY ON ELECTRIC VEHICLE  
4 ADOPTION.—

5 (1) WORKING GROUP REPORTS.—The working  
6 group shall complete by each of the deadlines de-  
7 scribed in paragraph (2) a report describing the sta-  
8 tus of electric vehicle adoption including—

9 (A) a description of the barriers and op-  
10 portunities to scaling up electric vehicle adop-  
11 tion throughout the United States, including  
12 recommendations for issues relating to—

13 (i) consumer behavior;

14 (ii) charging infrastructure needs, in-  
15 cluding standardization and cybersecurity;

16 (iii) manufacturing and battery costs,  
17 including the raw material shortages for  
18 batteries and electric motor magnets;

19 (iv) the adoption of electric vehicles  
20 for low- and moderate-income individuals  
21 and underserved communities, including  
22 charging infrastructure access and vehicle  
23 purchase financing;

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- 1 (v) business models for charging per-  
2 sonal electric vehicles outside the home, in-  
3 cluding wired and wireless charging;
- 4 (vi) charging infrastructure permit-  
5 ting and regulatory issues;
- 6 (vii) the connections between housing  
7 and transportation costs and emissions;
- 8 (viii) freight transportation, including  
9 local, port and drayage, regional, and long-  
10 haul trucking;
- 11 (ix) intercity passenger travel;
- 12 (x) the process by which governments  
13 collect a user fee for the contribution of  
14 electric vehicles to funding roadway im-  
15 provements;
- 16 (xi) State- and local-level policies, in-  
17 centives, and zoning efforts;
- 18 (xii) the installation of highway cor-  
19 ridor signage;
- 20 (xiii) secondary markets and recycling  
21 for batteries;
- 22 (xiv) grid capacity and integration;
- 23 (xv) energy storage; and
- 24 (xvi) specific regional or local issues  
25 that may not appear to apply throughout



1 the United States, but may hamper nation-  
2 wide adoption or coordination of electric  
3 vehicles;

4 (B) examples of successful public and pri-  
5 vate models and demonstration projects that  
6 encourage electric vehicle adoption;

7 (C) an analysis of current efforts to over-  
8 come the barriers described in subparagraph  
9 (A);

10 (D) an analysis of the estimated costs and  
11 benefits of any recommendations of the working  
12 group; and

13 (E) any other topics, as determined by the  
14 working group.

15 (2) DEADLINES.—A report under paragraph  
16 (1) shall be submitted to the Secretaries, the Com-  
17 mittees on Commerce, Science, and Transportation  
18 and Appropriations of the Senate and the Commit-  
19 tees on Transportation and Infrastructure and Ap-  
20 propriations of the House of Representatives—

21 (A) in the case of the first report, by not  
22 later than 18 months after the date on which  
23 the working group is established under sub-  
24 section (b)(1);

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1 (B) in the case of the second report, by not  
2 later than 2 years after the date on which the  
3 first report is required to be submitted under  
4 subparagraph (A); and

5 (C) in the case of the third report, by not  
6 later than 2 years after the date on which the  
7 second report is required to be submitted under  
8 subparagraph (B).

9 (3) STRATEGY.—

10 (A) IN GENERAL.—Based on the reports  
11 submitted by the working group under para-  
12 graph (1), the Secretaries shall jointly develop,  
13 maintain, and update a strategy that describes  
14 the means by which the Federal Government,  
15 States, units of local government, and industry  
16 can—

17 (i) establish quantitative targets for  
18 transportation electrification;

19 (ii) overcome the barriers described in  
20 paragraph (1)(A);

21 (iii) identify areas of opportunity in  
22 research and development to improve bat-  
23 tery manufacturing, mineral mining, recy-  
24 cling costs, material recovery, fire risks,

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1 and battery performance for electric vehi-  
2 cles;

3 (iv) enhance Federal interagency co-  
4 ordination to promote electric vehicle adop-  
5 tion;

6 (v) prepare the workforce for the  
7 adoption of electric vehicles, including  
8 through collaboration with labor unions,  
9 educational institutions, and relevant man-  
10 ufacturers;

11 (vi) expand electric vehicle and charg-  
12 ing infrastructure;

13 (vii) expand knowledge of the benefits  
14 of electric vehicles among the general pub-  
15 lic;

16 (viii) maintain the global competitive-  
17 ness of the United States in the electric ve-  
18 hicle and charging infrastructure markets;

19 (ix) provide clarity in regulations to  
20 improve national uniformity with respect to  
21 electric vehicles; and

22 (x) ensure the sustainable integration  
23 of electric vehicles into the national electric  
24 grid.

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1 (B) NOTICE AND COMMENT.—In carrying  
2 out subparagraph (A), the Secretaries shall pro-  
3 vide public notice and opportunity for comment  
4 on the strategy described in that subparagraph.

5 (4) INFORMATION.—

6 (A) IN GENERAL.—The Secretaries may  
7 enter into an agreement with the Transpor-  
8 tation Research Board of the National Acad-  
9 emies of Sciences, Engineering, and Medicine to  
10 provide, track, or report data, information, or  
11 research to assist the working group in carrying  
12 out paragraph (1).

13 (B) USE OF EXISTING INFORMATION.—In  
14 developing a report under paragraph (1) or a  
15 strategy under paragraph (3), the Secretaries  
16 and the working group shall take into consider-  
17 ation existing Federal, State, local, private sec-  
18 tor, and academic data and information relating  
19 to electric vehicles and, to the maximum extent  
20 practicable, coordinate with the entities that  
21 publish that information—

22 (i) to prevent duplication of efforts by  
23 the Federal Government; and

24 (ii) to leverage existing information  
25 and complementary efforts.

1 (d) COORDINATION.—To the maximum extent prac-  
2 ticable, the Secretaries and the working group shall carry  
3 out this section using all available existing resources,  
4 websites, and databases of Federal agencies, such as—

5 (1) the Alternative Fuels Data Center;

6 (2) the Energy Efficient Mobility Systems pro-  
7 gram; and

8 (3) the Clean Cities Coalition Network.

9 (e) TERMINATION.—The working group shall termi-  
10 nate on submission of the third report required under sub-  
11 section (c)(2)(C).

12 **SEC. 10007. RISK AND SYSTEM RESILIENCE.**

13 (a) IN GENERAL.—The Secretary, in consultation  
14 with appropriate Federal, State, and local agencies, shall  
15 develop a process for quantifying annual risk in order to  
16 increase system resilience with respect to the surface  
17 transportation system of the United States by meas-  
18 uring—

19 (1) resilience to threat probabilities by type of  
20 hazard and geographical location;

21 (2) resilience to asset vulnerabilities with re-  
22 spect to each applicable threat; and

23 (3) anticipated consequences from each applica-  
24 ble threat to each asset.

1 (b) USE BY STATE, REGIONAL, TRIBAL, AND LOCAL  
2 ENTITIES.—

3 (1) IN GENERAL.—The Secretary shall provide  
4 the process developed under subsection (a) to State  
5 departments of transportation, metropolitan plan-  
6 ning organizations, Indian Tribes, local govern-  
7 ments, and other relevant entities.

8 (2) GUIDANCE AND TECHNICAL ASSISTANCE.—  
9 The Secretary shall provide to the entities described  
10 in paragraph (1) guidance and technical assistance  
11 on the use of the process referred to in that para-  
12 graph.

13 (c) RESEARCH.—

14 (1) IN GENERAL.—The Secretary shall—

15 (A) identify and support fundamental re-  
16 search to develop a framework and quantitative  
17 models to support compilation of information  
18 for risk-based analysis of transportation assets  
19 by standardizing the basis for quantifying an-  
20 nual risk and increasing system resilience; and

21 (B) build on existing resilience research,  
22 including studies conducted by—

23 (i) the Transportation Research  
24 Board of the National Academies of  
25 Sciences, Engineering, and Medicine; and

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1 (ii) the National Institute of Stand-  
2 ards and Technology.

3 (2) USE OF EXISTING FACILITIES.—In carrying  
4 out paragraph (1), the Secretary shall use existing  
5 research facilities available to the Secretary, includ-  
6 ing the Turner–Fairbank Highway Research Center  
7 and University Transportation Centers established  
8 under section 5505 of title 49, United States Code.

9 **SEC. 10008. COORDINATION ON EMERGING TRANSPOR-**  
10 **TATION TECHNOLOGY.**

11 (a) IN GENERAL.—Subchapter I of chapter 3 of title  
12 49, United States Code, is amended by adding at the end  
13 the following:

14 **“§ 313. Nontraditional and Emerging Transportation**  
15 **Technology Council**

16 “(a) ESTABLISHMENT.—Not later than 180 days  
17 after the date of enactment of this section, the Secretary  
18 of Transportation (referred to in this section as the ‘Sec-  
19 retary’) shall establish a council, to be known as the ‘Non-  
20 traditional and Emerging Transportation Technology  
21 Council’ (referred to in this section as the ‘Council’), to  
22 address coordination on emerging technology issues across  
23 all modes of transportation.

24 “(b) MEMBERSHIP.—

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1           “(1) IN GENERAL.—The Council shall be com-  
2 posed of—

3           “(A) the Secretary, who shall serve as an  
4 ex officio member of the Council;

5           “(B) the Deputy Secretary of Transpor-  
6 tation;

7           “(C) the Under Secretary of Transpor-  
8 tation for Policy;

9           “(D) the Assistant Secretary for Research  
10 and Technology of the Department of Trans-  
11 portation;

12           “(E) the Assistant Secretary for Budget  
13 and Programs of the Department of Transpor-  
14 tation;

15           “(F) the General Counsel of the Depart-  
16 ment of Transportation;

17           “(G) the Chief Information Officer of the  
18 Department of Transportation;

19           “(H) the Administrator of the Federal  
20 Aviation Administration;

21           “(I) the Administrator of the Federal  
22 Highway Administration;

23           “(J) the Administrator of the Federal  
24 Motor Carrier Safety Administration;



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1           “(K) the Administrator of the Federal  
2 Railroad Administration;

3           “(L) the Administrator of the Federal  
4 Transit Administration;

5           “(M) the Administrator of the Maritime  
6 Administration;

7           “(N) the Administrator of the National  
8 Highway Traffic Safety Administration;

9           “(O) the Administrator of the Pipeline and  
10 Hazardous Materials Safety Administration;  
11 and

12           “(P) any other official of the Department  
13 of Transportation, as determined by the Sec-  
14 retary.

15           “(2) CHAIR AND VICE CHAIR.—

16           “(A) CHAIR.—The Deputy Secretary of  
17 Transportation (or a designee) shall serve as  
18 Chair of the Council.

19           “(B) VICE CHAIR.—The Under Secretary  
20 of Transportation for Policy (or a designee)  
21 shall serve as Vice Chair of the Council.

22           “(c) DUTIES.—The Council shall—

23           “(1) identify and resolve jurisdictional and reg-  
24 ulatory gaps or inconsistencies associated with non-  
25 traditional and emerging transportation tech-

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1 nologies, modes, or projects pending or brought be-  
2 fore the Department of Transportation to reduce, to  
3 the maximum extent practicable, impediments to the  
4 prompt and safe deployment of new and innovative  
5 transportation technology, including with respect  
6 to—

7 “(A) safety oversight;

8 “(B) environmental review; and

9 “(C) funding and financing issues;

10 “(2) coordinate the response of the Department  
11 of Transportation to nontraditional and emerging  
12 transportation technology projects;

13 “(3) engage with stakeholders in nontraditional  
14 and emerging transportation technology projects;  
15 and

16 “(4) develop and establish Department of  
17 Transportation-wide processes, solutions, and best  
18 practices for identifying and managing nontradi-  
19 tional and emerging transportation technology  
20 projects.

21 “(d) BEST PRACTICES.—Not later than 1 year after  
22 the date of enactment of this section, the Council shall—

23 “(1) publish initial guidelines to achieve the  
24 purposes described in subsection (c)(4); and

1           “(2) promote each modal administration within  
2           the Department of Transportation to further test  
3           and support the advancement of nontraditional and  
4           emerging transportation technologies not specifically  
5           considered by the Council.

6           “(e) SUPPORT.—The Office of the Secretary shall  
7           provide support for the Council.

8           “(f) MEETINGS.—The Council shall meet not less fre-  
9           quently than 4 times per year, at the call of the Chair.

10          “(g) LEAD MODAL ADMINISTRATION.—For each  
11          nontraditional or emerging transportation technology,  
12          mode, or project associated with a jurisdictional or regu-  
13          latory gap or inconsistency identified under subsection  
14          (c)(1), the Chair of the Council shall—

15                 “(1) designate a lead modal administration of  
16                 the Department of Transportation for review of the  
17                 technology, mode, or project; and

18                 “(2) arrange for the detailing of staff between  
19                 modal administrations or offices of the Department  
20                 of Transportation as needed to maximize the sharing  
21                 of experience and expertise.

22          “(h) TRANSPARENCY.—Not later than 1 year after  
23          the date of establishment of the Council, and not less fre-  
24          quently than annually thereafter until December 31, 2026,  
25          the Council shall post on a publicly accessible website a

1 report describing the activities of the Council during the  
2 preceding calendar year.”.

3 (b) CLERICAL AMENDMENT.—The analysis for sub-  
4 chapter I of chapter 3 of title 49, United States Code,  
5 is amended by adding at the end the following:

“313. Nontraditional and Emerging Transportation Technology Council.”.

6 **SEC. 10009. INTERAGENCY INFRASTRUCTURE PERMITTING**  
7 **IMPROVEMENT CENTER.**

8 (a) IN GENERAL.—Section 102 of title 49, United  
9 States Code (as amended by section 4009), is amended—

10 (1) in subsection (a), by inserting “(referred to  
11 in this section as the ‘Department’)” after “Trans-  
12 portation”;

13 (2) in subsection (b), in the first sentence, by  
14 inserting “(referred to in this section as the ‘Sec-  
15 retary’)” after “Transportation”;

16 (3) by redesignating subsection (h) as sub-  
17 section (i); and

18 (4) by inserting after subsection (g) the fol-  
19 lowing:

20 “(h) INTERAGENCY INFRASTRUCTURE PERMITTING  
21 IMPROVEMENT CENTER.—

22 “(1) DEFINITIONS.—In this subsection:

23 “(A) CENTER.—The term ‘Center’ means  
24 the Interagency Infrastructure Permitting Im-  
25 provement Center established by paragraph (2).

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1                   “(B) PROJECT.—The term ‘project’ means  
2                   a project authorized or funded under—

3                   “(i) this title; or

4                   “(ii) title 14, 23, 46, or 51.

5                   “(2) ESTABLISHMENT.—There is established  
6                   within the Office of the Secretary a center, to be  
7                   known as the ‘Interagency Infrastructure Permitting  
8                   Improvement Center’.

9                   “(3) PURPOSES.—The purposes of the Center  
10                  shall be—

11                  “(A) to implement reforms to improve  
12                  interagency coordination and expedite projects  
13                  relating to the permitting and environmental re-  
14                  view of major transportation infrastructure  
15                  projects, including—

16                         “(i) developing and deploying informa-  
17                         tion technology tools to track project  
18                         schedules and metrics; and

19                         “(ii) improving the transparency and  
20                         accountability of the permitting process;

21                         “(B)(i) to identify appropriate methods to  
22                         assess environmental impacts; and

23                         “(ii) to develop innovative methods for  
24                         reasonable mitigation;

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1           “(C) to reduce uncertainty and delays with  
2           respect to environmental reviews and permit-  
3           ting; and

4           “(D) to reduce costs and risks to taxpayers  
5           in project delivery.

6           “(4) EXECUTIVE DIRECTOR.—The Center shall  
7           be headed by an Executive Director, who shall—

8           “(A) report to the Under Secretary of  
9           Transportation for Policy;

10           “(B) be responsible for the management  
11           and oversight of the daily activities, decisions,  
12           operations, and personnel of the Center; and

13           “(C) carry out such additional duties as  
14           the Secretary may prescribe.

15           “(5) DUTIES.—The Center shall carry out the  
16           following duties:

17           “(A) Coordinate and support implementa-  
18           tion of priority reform actions for Federal agen-  
19           cy permitting and reviews.

20           “(B) Support modernization efforts at the  
21           operating administrations within the Depart-  
22           ment and interagency pilot programs relating to  
23           innovative approaches to the permitting and re-  
24           view of transportation infrastructure projects.

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1           “(C) Provide technical assistance and  
2 training to Department staff on policy changes,  
3 innovative approaches to project delivery, and  
4 other topics, as appropriate.

5           “(D) Identify, develop, and track metrics  
6 for timeliness of permit reviews, permit deci-  
7 sions, and project outcomes.

8           “(E) Administer and expand the use of on-  
9 line transparency tools providing for—

10                   “(i) tracking and reporting of metrics;

11                   “(ii) development and posting of  
12 schedules for permit reviews and permit  
13 decisions;

14                   “(iii) the sharing of best practices re-  
15 lating to efficient project permitting and  
16 reviews; and

17                   “(iv) the visual display of relevant  
18 geospatial data to support the permitting  
19 process.

20           “(F) Submit to the Secretary reports de-  
21 scribing progress made toward achieving—

22                   “(i) greater efficiency in permitting  
23 decisions and review of infrastructure  
24 projects; and

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1                   “(ii) better outcomes for communities  
2                   and the environment.

3                   “(6) INNOVATIVE BEST PRACTICES.—

4                   “(A) IN GENERAL.—The Center shall work  
5                   with the operating administrations within the  
6                   Department, eligible entities, and other public  
7                   and private interests to develop and promote  
8                   best practices for innovative project delivery.

9                   “(B) ACTIVITIES.—The Center shall sup-  
10                  port the Department and operating administra-  
11                  tions in conducting environmental reviews and  
12                  permitting, together with project sponsor tech-  
13                  nical assistance activities, by—

14                   “(i) carrying out activities that are  
15                   appropriate and consistent with the goals  
16                   and policies of the Department to improve  
17                   the delivery timelines for projects;

18                   “(ii) serving as the Department liai-  
19                   son to—

20                   “(I) the Council on Environ-  
21                   mental Quality; and

22                   “(II) the Federal Permitting Im-  
23                   provement Steering Council estab-  
24                   lished by section 41002(a) of the Fix-



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1 ing America’s Surface Transportation  
2 Act (42 U.S.C. 4370m–1(a));

3 “(iii) supporting the National Surface  
4 Transportation and Innovative Finance  
5 Bureau (referred to in this paragraph as  
6 the ‘Bureau’) in implementing activities to  
7 improve delivery timelines, as described in  
8 section 116(f), for projects carried out  
9 under the programs described in section  
10 116(d)(1) for which the Bureau admin-  
11 isters the application process;

12 “(iv) leading activities to improve de-  
13 livery timelines for projects carried out  
14 under programs not administered by the  
15 Bureau by—

16 “(I) coordinating efforts to im-  
17 prove the efficiency and effectiveness  
18 of the environmental review and per-  
19 mitting process;

20 “(II) providing technical assist-  
21 ance and training to field and head-  
22 quarters staff of Federal agencies  
23 with respect to policy changes and in-  
24 novative approaches to the delivery of  
25 projects; and

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1                   “(III) identifying, developing,  
2                   and tracking metrics for permit re-  
3                   views and decisions by Federal agen-  
4                   cies for projects under the National  
5                   Environmental Policy Act of 1969 (42  
6                   U.S.C. 4321 et seq.).

7                   “(C) NEPA COMPLIANCE ASSISTANCE.—

8                   “(i) IN GENERAL.—Subject to clause  
9                   (ii), at the request of an entity that is car-  
10                  rying out a project, the Center, in coordi-  
11                  nation with the appropriate operating ad-  
12                  ministrations within the Department, shall  
13                  provide technical assistance relating to  
14                  compliance with the applicable require-  
15                  ments of the National Environmental Pol-  
16                  icy Act of 1969 (42 U.S.C. 4321 et seq.)  
17                  and applicable Federal authorizations.

18                  “(ii) ASSISTANCE FROM THE BU-  
19                  REAU.—For projects carried out under the  
20                  programs described in section 116(d)(1)  
21                  for which the Bureau administers the ap-  
22                  plication process, the Bureau, on request  
23                  of the entity carrying out the project, shall  
24                  provide the technical assistance described  
25                  in clause (i).”.

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1 (b) CONFORMING AMENDMENT.—Section 116(f)(2)  
2 of title 49, United States Code, is amended—

3 (1) by striking subparagraph (A); and

4 (2) by redesignating subparagraphs (B)  
5 through (D) and subparagraphs (A) through (C), re-  
6 spectively.

7 **SEC. 10010. RURAL OPPORTUNITIES TO USE TRANSPOR-**  
8 **TATION FOR ECONOMIC SUCCESS INITIATIVE.**

9 (a) DEFINITIONS.—In this section:

10 (1) BUILD AMERICA BUREAU.—The term  
11 “Build America Bureau” means the National Sur-  
12 face Transportation and Innovative Finance Bureau  
13 established under section 116 of title 49, United  
14 States Code.

15 (2) INDIAN TRIBE.—The term “Indian Tribe”  
16 has the meaning given the term in section 4 of the  
17 Indian Self-Determination and Education Assistance  
18 Act (25 U.S.C. 5304).

19 (3) ROUTES COUNCIL.—The term “ROUTES  
20 Council” means the Rural Opportunities to Use  
21 Transportation for Economic Success Council estab-  
22 lished by subsection (c)(1).

23 (4) ROUTES OFFICE.—The term “ROUTES  
24 Office” means the Rural Opportunities to Use

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1 Transportation for Economic Success Office estab-  
2 lished by subsection (b)(1).

3 (b) ROUTES OFFICE.—

4 (1) IN GENERAL.—The Secretary shall establish  
5 within the Department the Rural Opportunities to  
6 Use Transportation for Economic Success Office—

7 (A) to improve analysis of projects from  
8 rural areas, Indian Tribes, and historically dis-  
9 advantaged communities in rural areas applying  
10 for Department discretionary grants, including  
11 ensuring that project costs, local resources, and  
12 the larger benefits to the people and the econ-  
13 omy of the United States are appropriately con-  
14 sidered; and

15 (B) to provide rural communities, Indian  
16 Tribes, and historically disadvantaged commu-  
17 nities in rural areas with technical assistance  
18 for meeting the transportation infrastructure  
19 investment needs of the United States in a fi-  
20 nancially sustainable manner.

21 (2) OBJECTIVES.—The ROUTES Office shall—

22 (A) collect input from knowledgeable enti-  
23 ties and the public on—

24 (i) the benefits of rural and Tribal  
25 transportation projects;

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1 (ii) the technical and financial assist-  
2 ance required for constructing and oper-  
3 ating transportation infrastructure and  
4 services within rural areas and on the land  
5 of Indian Tribes;

6 (iii) barriers and opportunities to  
7 funding transportation projects in rural  
8 areas and on the land of Indian Tribes;  
9 and

10 (iv) unique transportation barriers  
11 and challenges faced by Indian Tribes and  
12 historically disadvantaged communities in  
13 rural areas;

14 (B) evaluate data on transportation chal-  
15 lenges faced by rural communities and Indian  
16 Tribes and determine methods to align the dis-  
17 cretionary funding and financing opportunities  
18 of the Department with the needs of those com-  
19 munities for meeting national transportation  
20 goals;

21 (C) provide education and technical assist-  
22 ance to rural communities and Indian Tribes  
23 about applicable Department discretionary  
24 grants, develop effective methods to evaluate  
25 projects in those communities in discretionary

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1 grant programs, and communicate those meth-  
2 ods through program guidance;

3 (D) carry out research and utilize innova-  
4 tive approaches to resolve the transportation  
5 challenges faced by rural areas and Indian  
6 Tribes; and

7 (E) perform such other duties as deter-  
8 mined by the Secretary.

9 (c) ROUTES COUNCIL.—

10 (1) IN GENERAL.—The Secretary shall establish  
11 a Rural Opportunities to Use Transportation for  
12 Economic Success Council—

13 (A) to organize, guide, and lead the  
14 ROUTES Office; and

15 (B) to coordinate rural-related and Tribal-  
16 related funding programs and assistance among  
17 the modal administrations of the Department,  
18 the offices of the Department, and other Fed-  
19 eral agencies, as appropriate—

20 (i) to ensure that the unique transpor-  
21 tation needs and attributes of rural areas  
22 and Indian Tribes are fully addressed dur-  
23 ing the development and implementation of  
24 programs, policies, and activities of the  
25 Department;

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1 (ii) to increase coordination of pro-  
2 grams, policies, and activities of the De-  
3 partment in a manner that improves and  
4 expands transportation infrastructure in  
5 order to further economic development in,  
6 and the quality of life of, rural areas and  
7 Indian Tribes; and

8 (iii) to provide rural areas and Indian  
9 Tribes with proactive outreach—

10 (I) to improve access to discre-  
11 tionary funding and financing pro-  
12 grams; and

13 (II) to facilitate timely resolution  
14 of environmental reviews for complex  
15 or high-priority projects.

16 (2) MEMBERSHIP.—

17 (A) IN GENERAL.—The ROUTES Council  
18 shall be composed of the following officers of  
19 the Department, or their designees:

20 (i) The Deputy Secretary of Trans-  
21 portation.

22 (ii) The Under Secretary of Transpor-  
23 tation for Policy.

24 (iii) The General Counsel.

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1 (iv) The Chief Financial Officer and  
2 Assistant Secretary for Budget and Pro-  
3 grams.

4 (v) The Assistant Secretary for Re-  
5 search and Technology.

6 (vi) The Assistant Secretary for  
7 Multimodal Freight.

8 (vii) The Administrators of—

9 (I) the Federal Aviation Adminis-  
10 tration;

11 (II) the Federal Highway Admin-  
12 istration;

13 (III) the Federal Railroad Ad-  
14 ministration; and

15 (IV) the Federal Transit Admin-  
16 istration.

17 (viii) The Executive Director of the  
18 Build America Bureau.

19 (ix) The Assistant Secretary for Gov-  
20 ernmental Affairs.

21 (x) The Assistant Secretary for  
22 Transportation Policy.

23 (xi) The Deputy Assistant Secretary  
24 for Tribal Government Affairs.



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1 (B) CHAIR.—The Deputy Secretary of  
2 Transportation shall be the Chair of the  
3 ROUTES Council.

4 (C) ADDITIONAL MEMBERS.—The Sec-  
5 retary or the Chair of the ROUTES Council  
6 may designate additional members to serve on  
7 the ROUTES Council.

8 (3) ADDITIONAL MODAL INPUT.—To address  
9 issues related to safety and transport of commodities  
10 produced in or by, or transported through, as appli-  
11 cable, rural areas, Indian Tribes, or the land of In-  
12 dian Tribes, the ROUTES Council shall consult with  
13 the Administrators (or their designees) of—

14 (A) the Maritime Administration;

15 (B) the Great Lakes St. Lawrence Seaway  
16 Development Corporation; and

17 (C) the National Highway Traffic Safety  
18 Administration.

19 (4) DUTIES.—Members of the ROUTES Coun-  
20 cil shall—

21 (A) participate in all meetings and relevant  
22 ROUTES Council activities and be prepared to  
23 share information relevant to rural and Tribal  
24 transportation infrastructure projects and  
25 issues;

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1 (B) provide guidance and leadership on  
2 rural and Tribal transportation infrastructure  
3 issues and represent the work of the ROUTES  
4 Council and the Department on those issues to  
5 external stakeholders; and

6 (C) recommend initiatives for the consider-  
7 ation of the Chair of the ROUTES Council to  
8 establish and staff any resulting activities or  
9 working groups.

10 (5) MEETINGS.—The ROUTES Council shall  
11 meet bimonthly.

12 (6) ADDITIONAL STAFFING.—The Secretary  
13 shall ensure that the ROUTES Council and  
14 ROUTES Office have adequate staff support to  
15 carry out the duties of the ROUTES Council and  
16 the ROUTES Office, respectively, under this section.

17 (7) WORK PRODUCTS AND DELIVERABLES.—  
18 The ROUTES Council may develop work products  
19 or deliverables to meet the goals of the ROUTES  
20 Council, including—

21 (A) an annual report to Congress describ-  
22 ing ROUTES Council activities for the past  
23 year and expected activities for the coming  
24 year;

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1 (B) any recommendations to enhance the  
2 effectiveness of Department discretionary grant  
3 programs regarding rural and Tribal infrastruc-  
4 ture issues; and

5 (C) other guides and reports for relevant  
6 groups and the public.

7 **SEC. 10011. SAFETY DATA INITIATIVE.**

8 (a) DEFINITION OF ELIGIBLE ENTITY.—In this sec-  
9 tion, the term “eligible entity” means—

- 10 (1) a State;
- 11 (2) a unit of local government;
- 12 (3) a transit agency or authority;
- 13 (4) a metropolitan planning organization;
- 14 (5) any other subdivision of a State or local  
15 government;
- 16 (6) an institution of higher education; and
- 17 (7) a multi-State or multijurisdictional group.

18 (b) SAFETY DATA INITIATIVE.—

19 (1) ESTABLISHMENT.—The Secretary shall es-  
20 tablish an initiative, to be known as the “Safety  
21 Data Initiative”, to promote the use of data integra-  
22 tion, data visualization, and advanced analytics for  
23 surface transportation safety through the develop-  
24 ment of innovative practices and products for use by  
25 Federal, State, and local entities.

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1 (2) ACTIVITIES.—

2 (A) APPLIED RESEARCH.—

3 (i) IN GENERAL.—The Secretary shall  
4 support and carry out applied research to  
5 develop practices and products that will en-  
6 courage the integration and use of tradi-  
7 tional and new sources of safety data and  
8 safety information to improve policy and  
9 decisionmaking at the Federal, State, and  
10 local government levels.

11 (ii) METHODOLOGY.—In carrying out  
12 clause (i), the Secretary may—

13 (I) carry out demonstration pro-  
14 grams;

15 (II) award grants and provide in-  
16 centives to eligible entities;

17 (III) enter into partnerships  
18 with—

19 (aa) eligible entities;

20 (bb) private sector entities;

21 and

22 (cc) National Laboratories;

23 and

24 (IV) use any other tools, strate-  
25 gies, or methods that will result in the

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1 effective use of data and information  
2 for safety purposes.

3 (B) TOOLS AND PRACTICES.—In carrying  
4 out subparagraph (A), the Secretary, to the  
5 maximum extent practicable, shall—

6 (i) develop safety analysis tools for  
7 State and local governments, with a par-  
8 ticular focus on State and local govern-  
9 ments with limited capacity to perform  
10 safety analysis;

11 (ii)(I) identify innovative State and  
12 local government practices;

13 (II) incubate those practices for fur-  
14 ther development; and

15 (III) replicate those practices nation-  
16 wide; and

17 (iii) transfer to State and local gov-  
18 ernments the results of the applied re-  
19 search carried out under that subpara-  
20 graph.

21 (C) DATA SHARING.—

22 (i) IN GENERAL.—To inform the cre-  
23 ation of information useful for safety pol-  
24 icy and decisionmaking, the Secretary  
25 shall—

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1 (I) encourage the sharing of data  
2 between and among Federal, State,  
3 and local transportation agencies; and

4 (II) leverage data from private  
5 sector entities.

6 (ii) GOALS.—The goals of the data-  
7 sharing activities under clause (i) shall in-  
8 clude—

9 (I) the creation of data eco-  
10 systems to reduce barriers to the effi-  
11 cient integration and analysis of rel-  
12 evant datasets for use by safety pro-  
13 fessionals; and

14 (II) the establishment of proce-  
15 dures adequate to ensure sufficient se-  
16 curity, privacy, and confidentiality as  
17 needed to promote the sharing of sen-  
18 sitive or proprietary data.

19 (iii) MANAGEMENT OF DATA ECO-  
20 SYSTEMS.—A data ecosystem described in  
21 clause (ii)(I) may be managed by—

22 (I) the Director of the Bureau of  
23 Transportation Statistics;

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1 (II) 1 or more trusted third par-  
2 ties, as determined by the Secretary;  
3 or

4 (III) 1 or more other entities or  
5 partnerships capable of securing,  
6 managing, and analyzing sensitive or  
7 proprietary data.

8 (3) PLAN.—

9 (A) IN GENERAL.—The Safety Data Initia-  
10 tive shall be carried out pursuant to a plan to  
11 be jointly established by—

12 (i) the Under Secretary of Transpor-  
13 tation for Policy;

14 (ii) the Chief Information Officer of  
15 the Department;

16 (iii) the Administrator of the National  
17 Highway Traffic Safety Administration;

18 (iv) the Administrator of the Federal  
19 Highway Administration;

20 (v) the Administrator of the Federal  
21 Motor Carrier Safety Administration;

22 (vi) the Administrator of the Federal  
23 Transit Administration; and

24 (vii) the Administrator of the Federal  
25 Railroad Administration.

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1 (B) REQUIREMENT.—The plan established  
2 under subparagraph (A) shall include details re-  
3 garding the means by which tools and innova-  
4 tions developed by projects carried out under  
5 the Safety Data Initiative will be transferred to  
6 the appropriate program of the Department for  
7 further implementation.

8 (C) DEADLINE.—Not later than 1 year  
9 after the date of enactment of this Act, the Sec-  
10 retary shall direct the officials described in  
11 clauses (i) through (vii) of subparagraph (A) to  
12 establish, by a date determined by the Sec-  
13 retary, the plan referred to in that subpara-  
14 graph.

15 (4) TERMINATION.—The Safety Data Initiative  
16 shall terminate on the later of—

17 (A) the date that is 1 year after the date  
18 of enactment of this Act; and

19 (B) the date on which the Secretary makes  
20 the direction to officials described in paragraph

21 (3)(C).

22 **SEC. 10012. ADVANCED TRANSPORTATION RESEARCH.**

23 (a) IN GENERAL.—Chapter 1 of title 49, United  
24 States Code (as amended by section 6101(a)), is amended  
25 by adding at the end the following:



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1 **“§ 119. Advanced Research Projects Agency–Infra-**  
2 **structure**

3 “(a) DEFINITIONS.—In this section:

4 “(1) ARPA–I.— The term ‘ARPA–I’ means the  
5 Advanced Research Projects Agency–Infrastructure  
6 established by subsection (b).

7 “(2) DEPARTMENT.—The term ‘Department’  
8 means the Department of Transportation.

9 “(3) DIRECTOR.—The term ‘Director’ means  
10 the Director of ARPA–I appointed under subsection  
11 (d).

12 “(4) ELIGIBLE ENTITY.—The term ‘eligible en-  
13 tity’ means—

14 “(A) a unit of State or local government;

15 “(B) an institution of higher education;

16 “(C) a commercial entity;

17 “(D) a research foundation;

18 “(E) a trade or industry research collabo-  
19 rative;

20 “(F) a federally funded research and devel-  
21 opment center;

22 “(G) a research facility owned or funded  
23 by the Department;

24 “(H) a collaborative that includes relevant  
25 international entities; and

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1           “(I) a consortia of 2 or more entities de-  
2           scribed in any of subparagraphs (A) through  
3           (H).

4           “(5) INFRASTRUCTURE.—

5           “(A) IN GENERAL.—The term ‘infrastruc-  
6           ture’ means any transportation method or facil-  
7           ity that facilitates the transit of goods or people  
8           within the United States (including territories).

9           “(B) INCLUSIONS.—The term ‘infrastruc-  
10          ture’ includes—

11                   “(i) roads;

12                   “(ii) highways;

13                   “(iii) bridges;

14                   “(iv) airports;

15                   “(v) rail lines;

16                   “(vi) harbors; and

17                   “(vii) pipelines.

18           “(6) SECRETARY.—The term ‘Secretary’ means  
19           the Secretary of Transportation.

20           “(b) ESTABLISHMENT.—There is established within  
21           the Department an agency, to be known as the ‘Advanced  
22           Research Projects Agency–Infrastructure’, to support the  
23           development of science and technology solutions—

24                   “(1) to overcome long-term challenges; and

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1           “(2) to advance the state of the art for United  
2 States transportation infrastructure.

3           “(c) GOALS.—

4           “(1) IN GENERAL.—The goals of ARPA–I shall  
5 be—

6           “(A) to advance the transportation infra-  
7 structure of the United States by developing in-  
8 novative science and technology solutions that—

9           “(i) lower the long-term costs of infra-  
10 structure development, including costs of  
11 planning, construction, and maintenance;

12           “(ii) reduce the lifecycle impacts of  
13 transportation infrastructure on the envi-  
14 ronment, including through the reduction  
15 of greenhouse gas emissions;

16           “(iii) contribute significantly to im-  
17 proving the safe, secure, and efficient  
18 movement of goods and people; and

19           “(iv) promote the resilience of infra-  
20 structure from physical and cyber threats;  
21 and

22           “(B) to ensure that the United States is a  
23 global leader in developing and deploying ad-  
24 vanced transportation infrastructure tech-  
25 nologies and materials.

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1           “(2) RESEARCH PROJECTS.—ARPA–I shall  
2 achieve the goals described in paragraph (1) by pro-  
3 viding assistance under this section for infrastruc-  
4 ture research projects that—

5           “(A) advance novel, early-stage research  
6 with practicable application to transportation  
7 infrastructure;

8           “(B) translate techniques, processes, and  
9 technologies, from the conceptual phase to pro-  
10 totype, testing, or demonstration;

11           “(C) develop advanced manufacturing  
12 processes and technologies for the domestic  
13 manufacturing of novel transportation-related  
14 technologies; and

15           “(D) accelerate transformational techno-  
16 logical advances in areas in which industry enti-  
17 ties are unlikely to carry out projects due to  
18 technical and financial uncertainty.

19           “(d) DIRECTOR.—

20           “(1) APPOINTMENT.—ARPA–I shall be headed  
21 by a Director, who shall be appointed by the Presi-  
22 dent, by and with the advice and consent of the Sen-  
23 ate.

24           “(2) QUALIFICATIONS.—The Director shall be  
25 an individual who, by reason of professional back-

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1 ground and experience, is especially qualified to ad-  
2 vise the Secretary regarding, and manage research  
3 programs addressing, matters relating to the devel-  
4 opment of science and technology solutions to ad-  
5 vance United States transportation infrastructure.

6 “(3) RELATIONSHIP TO SECRETARY.—The Di-  
7 rector shall—

8 “(A) be located within the Office of the As-  
9 sistant Secretary for Research and Technology;  
10 and

11 “(B) report to the Secretary.

12 “(4) RELATIONSHIP TO OTHER PROGRAMS.—  
13 No other program within the Department shall re-  
14 port to the Director.

15 “(5) RESPONSIBILITIES.—The responsibilities  
16 of the Director shall include—

17 “(A) approving new programs within  
18 ARPA–I;

19 “(B) developing funding criteria, and as-  
20 sessing the success of programs, to achieve the  
21 goals described in subsection (c)(1) through the  
22 establishment of technical milestones;

23 “(C) administering available funding by  
24 providing to eligible entities assistance to  
25 achieve the goals described in subsection (c)(1);

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1           “(D) terminating programs carried out  
2           under this section that are not achieving the  
3           goals of the programs; and

4           “(E) establishing a process through which  
5           eligible entities can submit to ARPA–I unsolic-  
6           ited research proposals for assistance under this  
7           section in accordance with subsection (f).

8           “(e) PERSONNEL.—

9           “(1) IN GENERAL.—The Director shall establish  
10          and maintain within ARPA–I a staff with sufficient  
11          qualifications and expertise to enable ARPA–I to  
12          carry out the responsibilities under this section, in  
13          conjunction with other operations of the Depart-  
14          ment.

15          “(2) PROGRAM DIRECTORS.—

16                 “(A) IN GENERAL.—The Director shall  
17                 designate employees to serve as program direc-  
18                 tors for ARPA–I.

19                 “(B) RESPONSIBILITIES.—Each program  
20                 director shall be responsible for—

21                         “(i) establishing research and develop-  
22                         ment goals for the applicable program, in-  
23                         cluding by convening workshops and con-  
24                         ferring with outside experts;

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1 “(ii) publicizing the goals of the appli-  
2 cable program;

3 “(iii) soliciting applications for spe-  
4 cific areas of particular promise, especially  
5 in areas that the private sector or the Fed-  
6 eral Government are not likely to carry out  
7 absent assistance from ARPA-I;

8 “(iv) establishing research collabora-  
9 tions for carrying out the applicable pro-  
10 gram;

11 “(v) selecting on the basis of merit  
12 each project to be supported under the ap-  
13 plicable program, taking into consider-  
14 ation—

15 “(I) the novelty and scientific  
16 and technical merit of proposed  
17 projects;

18 “(II) the demonstrated capabili-  
19 ties of eligible entities to successfully  
20 carry out proposed projects;

21 “(III) the extent to which an eli-  
22 gible entity took into consideration fu-  
23 ture commercial applications of a pro-  
24 posed project, including the feasibility

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1 of partnering with 1 or more commer-  
2 cial entities; and

3 “(IV) such other criteria as the  
4 Director may establish;

5 “(vi) identifying innovative cost-shar-  
6 ing arrangements for projects carried out  
7 or funded by ARPA-I;

8 “(vii) monitoring the progress of  
9 projects supported under the applicable  
10 program;

11 “(viii) identifying mechanisms for  
12 commercial application of successful tech-  
13 nology development projects, including  
14 through establishment of partnerships be-  
15 tween eligible entities and commercial enti-  
16 ties; and

17 “(ix) as applicable, recommending—

18 “(I) program restructuring; or

19 “(II) termination of applicable  
20 research partnerships or projects.

21 “(C) TERM OF SERVICE.—A program di-  
22 rector—

23 “(i) shall serve for a term of 3 years;

24 and





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1           “(B) PRIVATE RECRUITING FIRMS.—The  
2           Director may enter into a contract with a pri-  
3           vate recruiting firm for the hiring of qualified  
4           technical staff to carry out this section.

5           “(C) ADDITIONAL STAFF.—The Director  
6           may use all authorities available to the Sec-  
7           retary to hire administrative, financial, and  
8           clerical staff, as the Director determines to be  
9           necessary to carry out this section.

10          “(f) RESEARCH PROPOSALS.—

11           “(1) IN GENERAL.—An eligible entity may sub-  
12          mit to the Director an unsolicited research proposal  
13          at such time, in such manner, and containing such  
14          information as the Director may require, including a  
15          description of—

16           “(A) the extent of current and prior efforts  
17          with respect to the project proposed to be car-  
18          ried out using the assistance, if applicable; and

19           “(B) any current or prior investments in  
20          the technology area for which funding is re-  
21          quested, including as described in subsection  
22          (c)(2)(D).

23          “(2) REVIEW.—The Director—

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1           “(A) shall review each unsolicited research  
2 proposal submitted under paragraph (1), taking  
3 into consideration—

4                   “(i) the novelty and scientific and  
5 technical merit of the research proposal;

6                   “(ii) the demonstrated capabilities of  
7 the applicant to successfully carry out the  
8 research proposal;

9                   “(iii) the extent to which the applicant  
10 took into consideration future commercial  
11 applications of the proposed research  
12 project, including the feasibility of  
13 partnering with 1 or more commercial enti-  
14 ties; and

15                   “(iv) such other criteria as the Direc-  
16 tor may establish;

17           “(B) may approve a research proposal if  
18 the Director determines that the research—

19                   “(i) is in accordance with—

20                           “(I) the goals described in sub-  
21 section (c)(1); or

22                           “(II) an applicable transportation  
23 research and development strategic  
24 plan developed under section 6503;  
25 and

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1 “(ii) would not duplicate any other  
2 Federal research being conducted or fund-  
3 ed by another Federal agency; and

4 “(C)(i) if funding is denied for the re-  
5 search proposal, shall provide to the eligible en-  
6 tity that submitted the proposal a written no-  
7 tice of the denial that, as applicable—

8 “(I) explains why the research pro-  
9 posal was not selected, including whether  
10 the research proposal fails to cover an area  
11 of need; and

12 “(II) recommends that the research  
13 proposal be submitted to another research  
14 program; or

15 “(ii) if the research proposal is approved  
16 for funding, shall provide to the eligible entity  
17 that submitted the proposal—

18 “(I) a written notice of the approval;  
19 and

20 “(II) assistance in accordance with  
21 subsection (g) for the proposed research.

22 “(g) FORMS OF ASSISTANCE.—On approval of a re-  
23 search proposal of an eligible entity, the Director may pro-  
24 vide to the eligible entity assistance in the form of—

25 “(1) a grant;

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1 “(2) a contract;

2 “(3) a cooperative agreement;

3 “(4) a cash prize; or

4 “(5) another, similar form of funding.

5 “(h) REPORTS AND ROADMAPS.—

6 “(1) ANNUAL REPORTS.—For each fiscal year,  
7 the Director shall provide to the Secretary, for inclu-  
8 sion in the budget request submitted by the Sec-  
9 retary to the President under section 1108 of title  
10 31 for the fiscal year, a report that, with respect to  
11 the preceding fiscal year, describes—

12 “(A) the projects that received assistance  
13 from ARPA–I, including—

14 “(i) each such project that was funded  
15 as a result of an unsolicited research pro-  
16 posal; and

17 “(ii) each such project that examines  
18 topics or technologies closely related to  
19 other activities funded by the Department,  
20 including an analysis of whether the Direc-  
21 tor achieved compliance with subsection  
22 (i)(1) in supporting the project; and

23 “(B) the instances of, and reasons for, the  
24 provision of assistance under this section for

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1 any projects being carried out by industry enti-  
2 ties.

3 “(2) STRATEGIC VISION ROADMAP.—Not later  
4 than October 1, 2022, and not less frequently than  
5 once every 4 years thereafter, the Director shall sub-  
6 mit to the relevant authorizing and appropriations  
7 committees of Congress a roadmap describing the  
8 strategic vision that ARPA–I will use to guide the  
9 selection of future projects for technology investment  
10 during the 4 fiscal-year period beginning on the date  
11 of submission of the report.

12 “(i) COORDINATION AND NONDUPLICATION.—The  
13 Director shall ensure that—

14 “(1) the activities of ARPA–I are coordinated  
15 with, and do not duplicate the efforts of, programs  
16 and laboratories within—

17 “(A) the Department; and

18 “(B) other relevant research agencies; and

19 “(2) no funding is provided by ARPA–I for a  
20 project, unless the eligible entity proposing the  
21 project—

22 “(A) demonstrates sufficient attempts to  
23 secure private financing; or

24 “(B) indicates that the project is not inde-  
25 pendently commercially viable.

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1       “(j) FEDERAL DEMONSTRATION OF TECH-  
2 NOLOGIES.—The Director shall seek opportunities to part-  
3 ner with purchasing and procurement programs of Federal  
4 agencies to demonstrate technologies resulting from activi-  
5 ties funded through ARPA–I.

6       “(k) PARTNERSHIPS.—The Director shall seek op-  
7 portunities to enter into contracts or partnerships with mi-  
8 nority-serving institutions (as described in any of para-  
9 graphs (1) through (7) of section 371(a) of the Higher  
10 Education Act of 1965 (20 U.S.C. 1067q(a)))—

11               “(1) to accomplish the goals of ARPA–I;

12               “(2) to develop institutional capacity in ad-  
13 vanced transportation infrastructure technologies  
14 and materials;

15               “(3) to engage underserved populations in de-  
16 veloping, demonstrating, and deploying those tech-  
17 nologies and materials; and

18               “(4) to otherwise address the needs of ARPA–  
19 I.

20       “(l) UNIVERSITY TRANSPORTATION CENTERS.—The  
21 Director may—

22               “(1) partner with university transportation cen-  
23 ters under section 5505 to accomplish the goals, and  
24 address the needs, of ARPA–I; and

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1           “(2) sponsor and select for funding, in accord-  
2           ance with section 5505, competitively selected uni-  
3           versity transportation center grants, in addition to  
4           the assistance provided under section 5505, to ad-  
5           dress targeted technology and material goals of  
6           ARPA-I.

7           “(m) ADVICE.—

8           “(1) ADVISORY COMMITTEES.—The Director  
9           may seek advice regarding any aspect of ARPA-I  
10          from—

11           “(A) an existing advisory committee, of-  
12          fice, or other group within the Department; and

13           “(B) a new advisory committee organized  
14          to support the programs of ARPA-I by pro-  
15          viding advice and assistance regarding—

16           “(i) specific program tasks; or

17           “(ii) the overall direction of ARPA-I.

18          “(2) ADDITIONAL SOURCES.—In carrying out  
19          this section, the Director may seek advice and review  
20          from—

21           “(A) the President’s Council of Advisors  
22          on Science and Technology;

23           “(B) the Advanced Research Projects  
24          Agency–Energy; and



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1           “(C) any professional or scientific organi-  
2           zation with expertise relating to specific proc-  
3           esses or technologies under development by  
4           ARPA–I.

5           “(n) EVALUATION.—

6           “(1) IN GENERAL.—Not later than December  
7           27, 2024, the Secretary may enter into an arrange-  
8           ment with the National Academy of Sciences under  
9           which the National Academy shall conduct an eval-  
10          uation of the achievement by ARPA–I of the goals  
11          described in subsection (e)(1).

12          “(2) INCLUSIONS.—The evaluation under para-  
13          graph (1) may include—

14               “(A) a recommendation regarding whether  
15               ARPA–I should be continued;

16               “(B) a recommendation regarding whether  
17               ARPA–I, or the Department generally, should  
18               continue to allow entities to submit unsolicited  
19               research proposals; and

20               “(C) a description of—

21                       “(i) the lessons learned from the oper-  
22                       ation of ARPA–I; and

23                       “(ii) the manner in which those les-  
24                       sons may apply to the operation of other  
25                       programs of the Department.

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1           “(3) AVAILABILITY.—On completion of the  
2 evaluation under paragraph (1), the evaluation shall  
3 be made available to—

4                   “(A) Congress; and

5                   “(B) the public.

6           “(o) PROTECTION OF INFORMATION.—

7           “(1) IN GENERAL.—Each type of information  
8 described in paragraph (2) that is collected by  
9 ARPA–I from eligible entities shall be considered to  
10 be—

11                   “(A) commercial and financial information  
12 obtained from a person;

13                   “(B) privileged or confidential; and

14                   “(C) not subject to disclosure under sec-  
15 tion 552(b)(4) of title 5.

16           “(2) DESCRIPTION OF TYPES OF INFORMA-  
17 TION.—The types of information referred to in para-  
18 graph (1) are—

19                   “(A) information relating to plans for com-  
20 mercialization of technologies developed using  
21 assistance provided under this section, including  
22 business plans, technology-to-market plans,  
23 market studies, and cost and performance mod-  
24 els;

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1           “(B) information relating to investments  
2           provided to an eligible entity from a third party  
3           (such as a venture capital firm, a hedge fund,  
4           and a private equity firm), including any per-  
5           centage of ownership of an eligible entity pro-  
6           vided in return for such an investment;

7           “(C) information relating to additional fi-  
8           nancial support that the eligible entity—

9                   “(i) plans to invest, or has invested,  
10                  in the technology developed using assist-  
11                  ance provided under this section; or

12                  “(ii) is seeking from a third party;  
13                  and

14           “(D) information relating to revenue from  
15           the licensing or sale of a new product or service  
16           resulting from research conducted using assist-  
17           ance provided under this section.

18           “(p) EFFECT ON EXISTING AUTHORITIES.—The au-  
19           thority provided by this section—

20                   “(1) shall be in addition to any existing author-  
21                  ity provided to the Secretary; and

22                   “(2) shall not supersede or modify any other  
23                  existing authority.

24           “(q) FUNDING.—

1           “(1) AUTHORIZATION OF APPROPRIATIONS.—

2           There are authorized to be appropriated to the Sec-  
3           retary such sums as are necessary to carry out this  
4           section.

5           “(2) SEPARATE BUDGET AND APPROPRIA-  
6           TION.—

7           “(A) BUDGET REQUEST.—The budget re-  
8           quest for ARPA–I shall be separate from the  
9           budget request of the remainder of the Depart-  
10          ment.

11          “(B) APPROPRIATIONS.—The funding ap-  
12          propriated for ARPA–I shall be separate and  
13          distinct from the funding appropriated for the  
14          remainder of the Department.

15          “(3) ALLOCATION.—Of the amounts made  
16          available for a fiscal year under paragraph (1)—

17                 “(A) not less than 5 percent shall be used  
18                 for technology transfer and outreach activi-  
19                 ties—

20                         “(i) in accordance with the goal de-  
21                         scribed in subsection (c)(2)(D); and

22                         “(ii) within the responsibilities of the  
23                         program directors described in subsection  
24                         (e)(2)(B)(viii); and

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1           “(B) none may be used for the construc-  
2           tion of any new building or facility during the  
3           5-year period beginning on the date of enact-  
4           ment of the Infrastructure Investment and Jobs  
5           Act.”.

6           (b) CLERICAL AMENDMENT.—The analysis for chap-  
7           ter 1 of title 49, United States Code (as amended by sec-  
8           tion 6101(e)), is amended by adding at the end the fol-  
9           lowing:

          “119. Advanced Research Projects Agency–Infrastructure.”.

10   **SEC. 10013. OPEN RESEARCH INITIATIVE.**

11           (a) IN GENERAL.—Subchapter I of chapter 55 of title  
12           49, United States Code, is amended by adding at the end  
13           the following:

14   **“§ 5506. Advanced transportation research initiative**

15           “(a) DEFINITION OF ELIGIBLE ENTITY.—In this sec-  
16           tion, the term ‘eligible entity’ means—

17                   “(1) a State agency;

18                   “(2) a local government agency;

19                   “(3) an institution of higher education (as de-  
20           fined in section 102 of the Higher Education Act of  
21           1965 (20 U.S.C. 1002)), including a university  
22           transportation center established under section  
23           5505;

24                   “(4) a nonprofit organization, including a non-  
25           profit research organization; and

1           “(5) a private sector organization working in  
2           collaboration with an entity described in any of  
3           paragraphs (1) through (4).

4           “(b) PILOT PROGRAM.—The Secretary of Transpor-  
5           tation (referred to in this section as the ‘Secretary’) shall  
6           establish an advanced transportation research pilot pro-  
7           gram under which the Secretary—

8                   “(1) shall establish a process for eligible entities  
9                   to submit to the Secretary unsolicited research pro-  
10                  posals; and

11                  “(2) may enter into arrangements with 1 or  
12                  more eligible entities to fund research proposed  
13                  under paragraph (1), in accordance with this sec-  
14                  tion.

15           “(c) ELIGIBLE RESEARCH.—The Secretary may  
16           enter into an arrangement with an eligible entity under  
17           this section to fund research that—

18                   “(1) addresses—

19                           “(A) a research need identified by—

20                                   “(i) the Secretary; or

21                                   “(ii) the Administrator of a modal ad-  
22                                   ministration of the Department of Trans-  
23                                   portation; or

24                           “(B) an issue that the Secretary deter-  
25                           mines to be important; and

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1 “(2) is not duplicative of—

2 “(A) any other Federal research project; or

3 “(B) any project for which funding is pro-

4 vided by another Federal agency.

5 “(d) PROJECT REVIEW.—The Secretary shall—

6 “(1) review each research proposal submitted

7 under the pilot program established under sub-

8 section (b); and

9 “(2)(A) if funding is denied for the research  
10 proposal—

11 “(i) provide to the eligible entity that sub-

12 mitted the proposal a written notice of the de-

13 nial that, as applicable—

14 “(I) explains why the research pro-

15 posal was not selected, including whether

16 the research proposal fails to cover an area

17 of need; and

18 “(II) recommends that the research

19 proposal be submitted to another research

20 program; and

21 “(ii) if the Secretary recommends that the

22 research proposal be submitted to another re-

23 search program under clause (i)(II), provide

24 guidance and direction to—

25 “(I) the eligible entity; and

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1 “(II) the proposed research program  
2 office; or

3 “(B) if the research proposal is selected for  
4 funding—

5 “(i) provide to the eligible entity that  
6 submitted the proposal a written notice of  
7 the selection; and

8 “(ii) seek to enter into an arrange-  
9 ment with the eligible entity to provide  
10 funding for the proposed research.

11 “(e) COORDINATION.—

12 “(1) IN GENERAL.—The Secretary shall ensure  
13 that the activities carried out under subsection (c)  
14 are coordinated with, and do not duplicate the ef-  
15 forts of, programs of the Department of Transpor-  
16 tation and other Federal agencies.

17 “(2) INTRAAGENCY COORDINATION.—The Sec-  
18 retary shall coordinate the research carried out  
19 under this section with—

20 “(A) the research, education, and tech-  
21 nology transfer activities carried out by grant  
22 recipients under section 5505; and

23 “(B) the research, development, dem-  
24 onstration, and commercial application activities  
25 of other relevant programs of the Department



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1 of Transportation, including all modal adminis-  
2 trations of the Department.

3 “(3) INTERAGENCY COLLABORATION.—The  
4 Secretary shall coordinate, as appropriate, regarding  
5 fundamental research with the potential for applica-  
6 tion in the transportation sector with—

7 “(A) the Director of the Office of Science  
8 and Technology Policy;

9 “(B) the Director of the National Science  
10 Foundation;

11 “(C) the Secretary of Energy;

12 “(D) the Director of the National Institute  
13 of Standards and Technology;

14 “(E) the Secretary of Homeland Security;

15 “(F) the Administrator of the National  
16 Oceanic and Atmospheric Administration;

17 “(G) the Secretary of Defense; and

18 “(H) the heads of other appropriate Fed-  
19 eral agencies, as determined by the Secretary.

20 “(f) REVIEW, EVALUATION, AND REPORT.—Not less  
21 frequently than biennially, in accordance with the plan de-  
22 veloped under section 6503, the Secretary shall—

23 “(1) review and evaluate the pilot program es-  
24 tablished under subsection (b), including the re-  
25 search carried out under that pilot program; and

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1           “(2) make public on a website of the Depart-  
2           ment of Transportation a report describing the re-  
3           view and evaluation under paragraph (1).

4           “(g) FEDERAL SHARE.—

5           “(1) IN GENERAL.—The Federal share of the  
6           cost of an activity carried out under this section  
7           shall not exceed 80 percent.

8           “(2) NON-FEDERAL SHARE.—All costs directly  
9           incurred by the non-Federal partners (including per-  
10          sonnel, travel, facility, and hardware development  
11          costs) shall be credited toward the non-Federal  
12          share of the cost of an activity carried out under  
13          this section.

14          “(h) LIMITATION ON CERTAIN EXPENSES.—Of any  
15          amounts made available to carry out this section for a fis-  
16          cal year, the Secretary may use not more than 1.5 percent  
17          for coordination, evaluation, and oversight activities under  
18          this section.

19          “(i) AUTHORIZATION OF APPROPRIATIONS.—Of the  
20          funds made available to carry out the university transpor-  
21          tation centers program under section 5505, \$50,000,000  
22          shall be available to carry out this section for each of fiscal  
23          years 2022 through 2026.”.

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1 (b) CLERICAL AMENDMENT.—The analysis for sub-  
2 chapter I of chapter 55 of title 49, United States Code,  
3 is amended by adding at the end the following:

“5506. Advanced transportation research initiative.”.

4 **SEC. 10014. TRANSPORTATION RESEARCH AND DEVELOP-**  
5 **MENT 5-YEAR STRATEGIC PLAN.**

6 Section 6503 of title 49, United States Code, is  
7 amended—

8 (1) in subsection (a), by striking “The Sec-  
9 retary” and inserting “Not later than 180 days after  
10 the date of publication of the Department of Trans-  
11 portation Strategic Plan and not less frequently  
12 than once every 5 years thereafter, the Secretary”;

13 (2) in subsection (b), in the matter preceding  
14 paragraph (1), by striking “The strategic” and in-  
15 serting “Each strategic”;

16 (3) in subsection (c)—

17 (A) in the matter preceding paragraph (1),  
18 by striking “The strategic” and inserting  
19 “Each strategic”; and

20 (B) in paragraph (1)—

21 (i) in subparagraph (E), by striking  
22 “and” at the end;

23 (ii) in subparagraph (F), by adding  
24 “and” after the semicolon at the end; and

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1 (iii) by adding at the end the fol-  
2 lowing:

3 “(G) reducing transportation cybersecurity  
4 risks;”;

5 (4) in subsection (d)—

6 (A) in the matter preceding paragraph (1),  
7 by striking “the strategic” and inserting “each  
8 strategic”; and

9 (B) in paragraph (4), by striking “2016”  
10 and inserting “2021, and not less frequently  
11 than once every 5 years thereafter”; and

12 (5) by striking subsection (e).

13 **SEC. 10015. RESEARCH PLANNING MODIFICATIONS.**

14 (a) ANNUAL MODAL RESEARCH PLANS.—Section  
15 6501 of title 49, United States Code, is amended—

16 (1) in subsection (a)—

17 (A) by striking paragraph (1) and insert-  
18 ing the following:

19 “(1) IN GENERAL.—Not later than June 1 of  
20 each year, the head of each modal administration  
21 and joint program office of the Department of  
22 Transportation shall prepare and submit to the As-  
23 sistant Secretary for Research and Technology of  
24 the Department of Transportation (referred to in  
25 this chapter as the ‘Assistant Secretary’)—

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1           “(A) a comprehensive annual modal re-  
2 search plan for the following fiscal year; and

3           “(B) a detailed outlook for the fiscal year  
4 thereafter.”;

5           (B) in paragraph (2), by inserting “pre-  
6 pared or” before “submitted”;

7           (C) by redesignating paragraph (2) as  
8 paragraph (3); and

9           (D) by inserting after paragraph (1) the  
10 following:

11           “(2) REQUIREMENTS.—Each plan under para-  
12 graph (1) shall include—

13           “(A) a general description of the strategic  
14 goals of the Department that are addressed by  
15 the research programs being carried out by the  
16 Assistant Secretary or modal administration, as  
17 applicable;

18           “(B) a description of each proposed re-  
19 search program, as described in the budget re-  
20 quest submitted by the Secretary of Transpor-  
21 tation to the President under section 1108 of  
22 title 31 for the following fiscal year, including—

23           “(i) the major objectives of the pro-  
24 gram; and

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1 “(ii) the requested amount of funding  
2 for each program and area;

3 “(C) a list of activities the Assistant Sec-  
4 retary or modal administration plans to carry  
5 out under the research programs described in  
6 subparagraph (B);

7 “(D) an assessment of the potential impact  
8 of the research programs described in subpara-  
9 graph (B), including—

10 “(i) potential outputs, outcomes, and  
11 impacts on technologies and practices used  
12 by entities subject to the jurisdiction of the  
13 modal administration;

14 “(ii) potential effects on applicable  
15 regulations of the modal administration,  
16 including the modification or moderniza-  
17 tion of those regulations;

18 “(iii) potential economic or societal  
19 impacts; and

20 “(iv) progress made toward achieving  
21 strategic goals of—

22 “(I) the applicable modal admin-  
23 istration; or

24 “(II) the Department of Trans-  
25 portation;



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1 (B) by redesignating paragraphs (2) and  
2 (3) as paragraphs (3) and (4), respectively; and  
3 (C) by inserting after paragraph (1) the  
4 following:

5 “(2) CRITERIA.—In conducting a review under  
6 paragraph (1)(A), the Assistant Secretary shall, with  
7 respect to the modal research plan that is the sub-  
8 ject of the review—

9 “(A) take into consideration whether—

10 “(i) the plan contains research objec-  
11 tives that are consistent with the strategic  
12 research and policy objectives of the De-  
13 partment of Transportation included in the  
14 strategic plan required under section 6503;  
15 and

16 “(ii) the research programs described  
17 in the plan have the potential to benefit  
18 the safety, mobility, and efficiency of the  
19 United States transportation system;

20 “(B) identify and evaluate any potential  
21 opportunities for collaboration between or  
22 among modal administrations with respect to  
23 particular research programs described in the  
24 plan;



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1           “(C) identify and evaluate whether other  
2 modal administrations may be better suited to  
3 carry out the research programs described in  
4 the plan;

5           “(D) assess whether any projects described  
6 in the plan are—

7                 “(i) duplicative across modal adminis-  
8 trations; or

9                 “(ii) unnecessary; and

10           “(E) take into consideration such other  
11 criteria as the Assistant Secretary determines  
12 to be necessary.”; and

13           (D) by adding at the end the following:

14                 “(5) SAVINGS CLAUSE.—Nothing in this sub-  
15 section limits the ability of the head of a modal ad-  
16 ministration to comply with applicable law.”; and

17           (3) in subsection (c), in the matter preceding  
18 paragraph (1), by striking “subsection (b)(3)” and  
19 inserting “subsection (b)(4).

20           (b) CONSOLIDATED RESEARCH DATABASE.—Section  
21 6502(a) of title 49, United States Code, is amended by  
22 striking the subsection designation and heading and all  
23 that follows through subparagraph (B) of paragraph (2)  
24 and inserting the following:

25                 “(a) RESEARCH ABSTRACT DATABASE.—

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1           “(1) SUBMISSION.—Not later than September 1  
2 of each year, the head of each modal administration  
3 and joint program office of the Department of  
4 Transportation shall submit to the Assistant Sec-  
5 retary, for review and public posting, a description  
6 of each proposed research project to be carried out  
7 during the following fiscal year, including—

8                   “(A) proposed funding for any new  
9 projects; and

10                   “(B) proposed additional funding for any  
11 existing projects.

12           “(2) PUBLICATION.—Not less frequently than  
13 annually, after receiving the descriptions under para-  
14 graph (1), the Assistant Secretary shall publish on  
15 a public website a comprehensive database including  
16 a description of all research projects conducted by  
17 the Department of Transportation, including re-  
18 search funded through university transportation cen-  
19 ters under section 5505.

20           “(3) CONTENTS.—The database published  
21 under paragraph (2) shall—

22                   “(A) be delimited by research project; and

23                   “(B) include a description of, with respect  
24 to each research project—

25                           “(i) research objectives;

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1 “(ii) the progress made with respect  
2 to the project, including whether the  
3 project is ongoing or complete;

4 “(iii) any outcomes of the project, in-  
5 cluding potential implications for policy,  
6 regulations, or guidance issued by a modal  
7 administration or the Department of  
8 Transportation;

9 “(iv) any findings of the project;

10 “(v) the amount of funds allocated for  
11 the project; and

12 “(vi) such other information as the  
13 Assistant Secretary determines to be nec-  
14 essary to address Departmental priorities  
15 and statutory mandates;”.

16 **SEC. 10016. INCORPORATION OF DEPARTMENT OF TRANS-**  
17 **PORTATION RESEARCH.**

18 (a) IN GENERAL.—Chapter 65 of title 49, United  
19 States Code, is amended by adding at the end the fol-  
20 lowing:

21 **“§ 6504. Incorporation of Department of Transpor-**  
22 **tation research**

23 “(a) REVIEW.—Not later than December 31, 2021,  
24 and not less frequently than once every 5 years thereafter,

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1 in concurrence with the applicable strategic plan under  
2 section 6503, the Secretary of Transportation shall—

3 “(1) conduct a review of research conducted by  
4 the Department of Transportation; and

5 “(2) to the maximum extent practicable and ap-  
6 propriate, identify modifications to laws, regulations,  
7 guidance, and other policy documents to incorporate  
8 any innovations resulting from the research de-  
9 scribed in paragraph (1) that have the potential to  
10 improve the safety or efficiency of the United States  
11 transportation system.

12 “(b) REQUIREMENTS.—In conducting a review under  
13 subsection (a), the Secretary of Transportation shall—

14 “(1) identify any innovative practices, mate-  
15 rials, or technologies that have demonstrable benefits  
16 to the transportation system;

17 “(2) determine whether the practices, materials,  
18 or technologies described in paragraph (1) require  
19 any statutory or regulatory modifications for adop-  
20 tion; and

21 “(3)(A) if modifications are determined to be  
22 required under paragraph (2), develop—

23 “(i) a proposal for those modifications; and

24 “(ii) a description of the manner in which  
25 any such regulatory modifications would be—

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1 “(I) incorporated into the Unified  
2 Regulatory Agenda; or

3 “(II) adopted into existing regulations  
4 as soon as practicable; or

5 “(B) if modifications are determined not to be  
6 required under paragraph (2), develop a description  
7 of the means by which the practices, materials, or  
8 technologies described in paragraph (1) will other-  
9 wise be incorporated into Department of Transpor-  
10 tation or modal administration policy or guidance,  
11 including as part of the Technology Transfer Pro-  
12 gram of the Office of the Assistant Secretary for Re-  
13 search and Technology.

14 “(c) REPORT.—On completion of each review under  
15 subsection (a), the Secretary of Transportation shall sub-  
16 mit to the appropriate committees of Congress a report  
17 describing, with respect to the period covered by the re-  
18 port—

19 “(1) each new practice, material, or technology  
20 identified under subsection (b)(1); and

21 “(2) any statutory or regulatory modification  
22 for the adoption of such a practice, material, or  
23 technology that—

24 “(A) is determined to be required under  
25 subsection (b)(2); or

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1                   “(B) was otherwise made during that pe-  
2                   riod.”.

3           (b) CLERICAL AMENDMENT.—The analysis for chap-  
4   ter 65 of title 49, United States Code, is amended by add-  
5   ing at the end the following:

          “6504. Incorporation of Department of Transportation research.”.

6   **SEC. 10017. UNIVERSITY TRANSPORTATION CENTERS PRO-**  
7                   **GRAM.**

8           Section 5505 of title 49, United States Code, is  
9   amended—

10           (1) in subsection (a)—

11                   (A) in paragraph (1), by inserting “of  
12                   Transportation, acting through the Assistant  
13                   Secretary for Research and Technology (re-  
14                   ferred to in this section as the ‘Secretary’),”  
15                   after “The Secretary”; and

16                   (B) in paragraph (2)—

17                           (i) in subparagraph (B), by inserting  
18                           “multimodal” after “critical”; and

19                           (ii) in subparagraph (C), by inserting  
20                           “with respect to the matters described in  
21                           subparagraphs (A) through (G) of section  
22                           6503(c)(1)” after “transportation leaders”;

23           (2) in subsection (b)—

24                   (A) in paragraph (2)(A), by striking “for  
25                   each of the transportation centers described

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1 under paragraphs (2), (3), and (4) of sub-  
2 section (c)” and inserting “as a lead institution  
3 under this section, except as provided in sub-  
4 paragraph (B)”;

5 (B) in paragraph (4)—

6 (i) in subparagraph (A), by striking  
7 “identified in chapter 65” and inserting  
8 “described in subparagraphs (A) through  
9 (G) of section 6503(c)(1)”;

10 (ii) in subparagraph (B), in the mat-  
11 ter preceding clause (i), by striking “the  
12 Assistant Secretary” and all that follows  
13 through “modal administrations” and in-  
14 serting “the heads of the modal adminis-  
15 trations of the Department of Transpor-  
16 tation,”;

17 (C) in paragraph (5)(B), in the matter  
18 preceding clause (i), by striking “submit” and  
19 all that follows through “of the Senate” and in-  
20 serting “make available to the public on a  
21 website of the Department of Transportation”;

22 (3) in subsection (c)(3)(E)—

23 (A) by inserting “, including the cybersecu-  
24 rity implications of technologies relating to con-  
25 nected vehicles, connected infrastructure, and

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1 autonomous vehicles” after “autonomous vehi-  
2 cles”; and

3 (B) by striking “The Secretary” and in-  
4 sserting the following:

5 “(i) IN GENERAL.—A regional univer-  
6 sity transportation center receiving a grant  
7 under this paragraph shall carry out re-  
8 search focusing on 1 or more of the mat-  
9 ters described in subparagraphs (A)  
10 through (G) of section 6503(c)(1).

11 “(ii) FOCUSED OBJECTIVES.—The  
12 Secretary”; and

13 (4) in subsection (d)—

14 (A) in paragraph (2)—

15 (i) in the paragraph heading, by strik-  
16 ing “ANNUAL REVIEW” and inserting “RE-  
17 VIEW”;

18 (ii) in the matter preceding subpara-  
19 graph (A), by striking “annually” and in-  
20 sserting “biennially”; and

21 (iii) in subparagraph (B), by striking  
22 “submit” and all that follows through “of  
23 the Senate” and inserting “make available  
24 to the public on a website of the Depart-  
25 ment of Transportation”; and



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1 (B) in paragraph (3), by striking “2016  
2 through 2020” and inserting “2022 through  
3 2026”.

4 **SEC. 10018. NATIONAL TRAVEL AND TOURISM INFRASTRUC-**  
5 **TURE STRATEGIC PLAN.**

6 (a) IN GENERAL.—Section 1431(e) of the FAST Act  
7 (49 U.S.C. 301 note; Public Law 114–94) is amended—

8 (1) by redesignating paragraphs (1) through  
9 (7) as subparagraphs (A) through (G), respectively,  
10 and indenting appropriately;

11 (2) in the matter preceding subparagraph (A)  
12 (as so redesignated)—

13 (A) by striking “Not later than 3 years  
14 after the date of enactment of this Act” and in-  
15 serting “Not later than 180 days after the date  
16 of enactment of the Infrastructure Investment  
17 and Jobs Act”; and

18 (B) by striking “plan that includes” and  
19 inserting the following: “plan—

20 “(1) to develop an immediate-term and long-  
21 term strategy, including policy recommendations  
22 across all modes of transportation, for the Depart-  
23 ment and other agencies to use infrastructure invest-  
24 ments to revive the travel and tourism industry and  
25 the overall travel and tourism economy in the wake

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1 of the Coronavirus Disease 2019 (COVID–19) pan-  
2 demic; and

3 “(2) that includes”; and

4 (3) in paragraph (2) (as so redesignated)—

5 (A) in subparagraph (A) (as so redesign-  
6 nated), by inserting “, including consideration  
7 of the impacts of the COVID–19 pandemic”  
8 after “network”;

9 (B) in subparagraph (D) (as so redesign-  
10 nated), by inserting “of regional significance”  
11 after “corridors”;

12 (C) in subparagraph (F) (as so redesign-  
13 nated), by striking “and” at the end;

14 (D) in subparagraph (G) (as so redesign-  
15 nated), by striking the period at the end and in-  
16 serting “; and”; and

17 (E) by adding at the end the following:

18 “(H) an identification of possible infra-  
19 structure investments that create recovery op-  
20 portunities for small, underserved, minority,  
21 and rural businesses in the travel and tourism  
22 industry, including efforts to preserve and pro-  
23 tect the scenic, but often less-traveled, roads  
24 that promote tourism and economic develop-  
25 ment throughout the United States.”.

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1 (b) CHIEF TRAVEL AND TOURISM OFFICER.—Sec-  
2 tion 102 of title 49, United States Code, is amended by  
3 striking subsection (i) (as redesignated by section  
4 10009(a)(3)) and inserting the following:

5 “(i) CHIEF TRAVEL AND TOURISM OFFICER.—

6 “(1) ESTABLISHMENT.—There is established in  
7 the Office of the Secretary of Transportation a posi-  
8 tion, to be known as the ‘Chief Travel and Tourism  
9 Officer’.

10 “(2) DUTIES.—The Chief Travel and Tourism  
11 Officer shall collaborate with the Assistant Secretary  
12 for Aviation and International Affairs to carry out—

13 “(A) the National Travel and Tourism In-  
14 frastructure Strategic Plan under section  
15 1431(e) of Public Law 114–94 (49 U.S.C. 301  
16 note); and

17 “(B) other travel- and tourism-related  
18 matters involving the Department of Transpor-  
19 tation.”.

20 **SEC. 10019. LOCAL HIRING PREFERENCE FOR CONSTRUC-**  
21 **TION JOBS.**

22 (a) AUTHORIZATION.—

23 (1) IN GENERAL.—A recipient or subrecipient  
24 of a grant provided by the Secretary under title 23  
25 or 49, United States Code, may implement a local

1 or other geographical or economic hiring preference  
2 relating to the use of labor for construction of a  
3 project funded by the grant, including prehire agree-  
4 ments, subject to any applicable State and local  
5 laws, policies, and procedures.

6 (2) TREATMENT.—The use of a local or other  
7 geographical or economic hiring preference pursuant  
8 to paragraph (1) in any bid for a contract for the  
9 construction of a project funded by a grant de-  
10 scribed in paragraph (1) shall not be considered to  
11 unduly limit competition.

12 (b) WORKFORCE DIVERSITY REPORT.—Not later  
13 than 1 year after the date of enactment of this Act, the  
14 Secretary shall submit to Congress a report describing  
15 methods—

16 (1) to ensure preapprenticeship programs are  
17 established and implemented to meet the needs of  
18 employers in transportation and transportation in-  
19 frastructure construction industries, including with  
20 respect to the formal connection of the  
21 preapprenticeship programs to registered apprentice-  
22 ship programs;

23 (2) to address barriers to employment (within  
24 the meaning of the Workforce Innovation and Op-  
25 portunity Act (29 U.S.C. 3101 et seq.)) in transpor-

1 tation and transportation infrastructure construction  
2 industries for—

3 (A) individuals who are former offenders  
4 (as defined in section 3 of the Workforce Inno-  
5 vation and Opportunity Act (29 U.S.C. 3102));

6 (B) individuals with a disability (as defined  
7 in section 3 of the Americans with Disabilities  
8 Act of 1990 (42 U.S.C. 12102)); and

9 (C) individuals that represent populations  
10 that are traditionally underrepresented in the  
11 workforce; and

12 (3) to encourage a recipient or subrecipient im-  
13 plementing a local or other geographical or economic  
14 hiring preference pursuant to subsection (a)(1) to  
15 establish, in coordination with nonprofit organiza-  
16 tions that represent employees, outreach and sup-  
17 port programs that increase diversity within the  
18 workforce, including expanded participation from in-  
19 dividuals described in subparagraphs (A) through  
20 (C) of paragraph (2).

21 (c) MODEL PLAN.—Not later than 1 year after the  
22 date of submission of the report under subsection (b), the  
23 Secretary shall establish, and publish on the website of  
24 the Department, a model plan for use by States, units of

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1 local government, and private sector entities to address  
2 the issues described in that subsection.

3 **SEC. 10020. TRANSPORTATION WORKFORCE DEVELOP-**  
4 **MENT.**

5 (a) ASSESSMENT.—The Secretary shall enter into an  
6 arrangement with the National Academy of Sciences  
7 under which the National Academy shall develop and sub-  
8 mit to the Secretary a workforce needs assessment that—

9 (1) addresses—

10 (A) the education and recruitment of tech-  
11 nical workers for the intelligent transportation  
12 technologies and systems industry;

13 (B) the development of a workforce skilled  
14 in various types of intelligent transportation  
15 technologies, components, infrastructure, and  
16 equipment, including with respect to—

17 (i) installation;

18 (ii) maintenance;

19 (iii) manufacturing;

20 (iv) operations, including data anal-  
21 ysis and review; and

22 (v) cybersecurity; and

23 (C) barriers to employment in the intel-  
24 ligent transportation technologies and systems  
25 industry for—

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1 (i) individuals who are former offend-  
2 ers (as defined in section 3 of the Work-  
3 force Innovation and Opportunity Act (29  
4 U.S.C. 3102));

5 (ii) individuals with a disability (as  
6 defined in section 3 of the Americans with  
7 Disabilities Act of 1990 (42 U.S.C.  
8 12102)); and

9 (iii) individuals that represent popu-  
10 lations that are traditionally underrep-  
11 resented in the workforce; and

12 (2) includes recommendations relating to the  
13 issues described in paragraph (1).

14 (b) WORKING GROUP.—

15 (1) ESTABLISHMENT.—The Secretary shall es-  
16 tablish a working group, to be composed of—

17 (A) the Secretary of Energy;

18 (B) the Secretary of Labor; and

19 (C) the heads of such other Federal agen-  
20 cies as the Secretary determines to be nec-  
21 essary.

22 (2) IMPLEMENTATION PLAN.—

23 (A) IN GENERAL.—The working group es-  
24 tablished under paragraph (1) shall develop an  
25 intelligent transportation technologies and sys-

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1           tems industry workforce development implanta-  
2           tion plan.

3                   (B) REQUIREMENTS.—The implementation  
4           plan under subparagraph (A) shall address any  
5           issues and recommendations included in the  
6           needs assessment under subsection (a), taking  
7           into consideration a whole-of-government ap-  
8           proach with respect to—

9                           (i) using registered apprenticeship and  
10                          preapprenticeship programs; and

11                          (ii) re-skilling workers who may be in-  
12                          terested in working within the intelligent  
13                          transportation technologies and systems in-  
14                          dustry.

15                   (3) SUBMISSION TO CONGRESS.—Not later than  
16           1 year after the date of receipt of the needs assess-  
17           ment under subsection (a), the Secretary shall sub-  
18           mit to Congress the implementation plan developed  
19           under paragraph (2).

20                   (4) TERMINATION.—The working group estab-  
21           lished under paragraph (1) shall terminate on the  
22           date on which the implementation plan developed  
23           under paragraph (2) is submitted to Congress under  
24           paragraph (3).



1 (c) TRANSPORTATION WORKFORCE OUTREACH PRO-  
2 GRAM.—

3 (1) IN GENERAL.—Subchapter I of chapter 55  
4 of title 49, United States Code (as amended by sec-  
5 tion 10013(a)), is amended by adding at the end the  
6 following:

7 **“§ 5507. Transportation workforce outreach program**

8 “(a) IN GENERAL.—The Secretary of Transportation  
9 (referred to in this section as the ‘Secretary’) shall estab-  
10 lish and administer a transportation workforce outreach  
11 program, under which the Secretary shall carry out a se-  
12 ries of public service announcement campaigns during  
13 each of fiscal years 2022 through 2026.

14 “(b) PURPOSES.—The purpose of the campaigns car-  
15 ried out under the program under this section shall be—

16 “(1) to increase awareness of career opportuni-  
17 ties in the transportation sector, including aviation  
18 pilots, safety inspectors, mechanics and technicians,  
19 air traffic controllers, flight attendants, truck and  
20 bus drivers, engineers, transit workers, railroad  
21 workers, and other transportation professionals; and

22 “(2) to target awareness of professional oppor-  
23 tunities in the transportation sector to diverse seg-  
24 ments of the population, including with respect to  
25 race, sex, ethnicity, ability (including physical and

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1 mental ability), veteran status, and socioeconomic  
2 status.

3 “(c) ADVERTISING.—The Secretary may use, or au-  
4 thorize the use of, amounts made available to carry out  
5 the program under this section for the development, pro-  
6 duction, and use of broadcast, digital, and print media ad-  
7 vertising and outreach in carrying out a campaign under  
8 this section.

9 “(d) FUNDING.—The Secretary may use to carry out  
10 this section any amounts otherwise made available to the  
11 Secretary, not to exceed \$5,000,000, for each of fiscal  
12 years 2022 through 2026.”.

13 (2) CLERICAL AMENDMENT.—The analysis for  
14 subchapter I of chapter 55 of title 49, United States  
15 Code (as amended by section 10013(b)), is amended  
16 by adding at the end the following:

“5507. Transportation workforce outreach program.”.

17 **SEC. 10021. INTERMODAL TRANSPORTATION ADVISORY**  
18 **BOARD REPEAL.**

19 (a) IN GENERAL.—Section 5502 of title 49, United  
20 States Code, is repealed.

21 (b) CLERICAL AMENDMENT.—The analysis for sub-  
22 chapter I of chapter 55 of title 49, United States Code,  
23 is amended by striking the item relating to section 5502.

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1 **SEC. 10022. GAO CYBERSECURITY RECOMMENDATIONS.**

2 (a) CYBERSECURITY RISK MANAGEMENT.—Not later  
3 than 3 years after the date of enactment of this Act, the  
4 Secretary shall implement the recommendation for the De-  
5 partment made by the Comptroller General of the United  
6 States in the report entitled “Cybersecurity: Agencies  
7 Need to Fully Establish Risk Management Programs and  
8 Address Challenges”, numbered GAO–19–384, and dated  
9 July 2019—

10 (1) by developing a cybersecurity risk manage-  
11 ment strategy for the systems and information of  
12 the Department;

13 (2) by updating policies to address an organiza-  
14 tion-wide risk assessment; and

15 (3) by updating the processes for coordination  
16 between cybersecurity risk management functions  
17 and enterprise risk management functions.

18 (b) WORK ROLES.—Not later than 3 years after the  
19 date of enactment of this Act, the Secretary shall imple-  
20 ment the recommendation of the Comptroller General of  
21 the United States in the report entitled “Cybersecurity  
22 Workforce: Agencies Need to Accurately Categorize Posi-  
23 tions to Effectively Identify Critical Staffing Needs”,  
24 numbered GAO–19–144, and dated March 2019, by—

25 (1) reviewing positions in the Department; and



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1 respect to cybersecurity within the compo-  
2 nents of the Department; and

3 (ii) hold managers accountable for cy-  
4 bersecurity within the components of the  
5 Department; and

6 (C) other aspects of cybersecurity, as the  
7 Comptroller General of the United States deter-  
8 mines to be appropriate.

9 **SEC. 10023. VOLPE OVERSIGHT.**

10 (a) FINANCIAL MANAGEMENT.—Not later than 1  
11 year after the date of enactment of this Act, the Secretary  
12 shall implement the recommendations of the Inspector  
13 General of the Department included in the report entitled  
14 “DOT Needs to Strengthen Its Oversight of IAAs With  
15 Volpe” and dated September 30, 2019, to improve plan-  
16 ning, financial management, and the sharing of perform-  
17 ance information with respect to intraagency agreements  
18 with the John A. Volpe National Transportation Systems  
19 Center (referred to in this section as the “Volpe Center”).

20 (b) GAO REVIEW.—

21 (1) IN GENERAL.—Not later than 2 years after  
22 the date of enactment of this Act, the Comptroller  
23 General of the United States shall submit to the  
24 Committee on Commerce, Science, and Transpor-  
25 tation of the Senate and the Committee on Trans-

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1 portation and Infrastructure of the House of Rep-  
2 resentatives a report that examines the surface  
3 transportation activities at the Volpe Center.

4 (2) CONTENTS.—The report under paragraph  
5 (1) shall include an evaluation of—

6 (A) the amount of Department funding  
7 provided to the Volpe Center, as compared to  
8 other Federal and non-Federal research part-  
9 ners;

10 (B) the process used by the Department to  
11 determine whether to work with the Volpe Cen-  
12 ter, as compared to any other Federal or non-  
13 Federal research partner;

14 (C) the extent to which the Department is  
15 collaborating with the Volpe Center to address  
16 research needs relating to emerging issues; and

17 (D) whether the operation of the Volpe  
18 Center is duplicative of other public or private  
19 sector efforts.

20 **SEC. 10024. MODIFICATIONS TO GRANT PROGRAM.**

21 Section 1906 of the SAFETEA-LU (23 U.S.C. 402  
22 note; Public Law 109–59) is amended—

23 (1) in subsection (b)—

24 (A) in paragraph (1), by striking “and” at  
25 the end;

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1 (B) in paragraph (2), by striking the pe-  
2 riod at the end and inserting “; and”; and

3 (C) by adding at the end the following:

4 “(3) developing and implementing programs,  
5 public outreach, and training to reduce the impact  
6 of traffic stops described in subsection (a)(1).”;

7 (2) by striking subsection (c) and inserting the  
8 following:

9 “(c) MAXIMUM AMOUNT.—The total amount pro-  
10 vided to a State under this section in any fiscal year may  
11 not exceed—

12 “(1) for a State described in subsection (a)(1),  
13 10 percent of the amount made available to carry  
14 out this section in that fiscal year; and

15 “(2) for a State described in subsection (a)(2),  
16 5 percent of the amount made available to carry out  
17 this section in that fiscal year.”; and

18 (3) in subsection (d)—

19 (A) by striking “\$7,500,000 for each of  
20 fiscal years 2017 through 2020” and inserting  
21 “\$11,500,000 for each fiscal year”;

22 (B) by redesignating paragraph (3) as  
23 paragraph (4); and

24 (C) by inserting after paragraph (2) the  
25 following:

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1           “(3) TECHNICAL ASSISTANCE.—The Secretary  
2           may allocate not more than 10 percent of the  
3           amount made available to carry out this section in  
4           a fiscal year to provide technical assistance to States  
5           to carry out activities under this section.”.

6 **SEC. 10025. DRUG-IMPAIRED DRIVING DATA COLLECTION.**

7           Not later than 2 years after the date of enactment  
8           of this Act, the Secretary, in consultation with the heads  
9           of appropriate Federal agencies, State highway safety of-  
10          fices, State toxicologists, traffic safety advocates, and  
11          other interested parties, shall submit to the Committee on  
12          Commerce, Science, and Transportation of the Senate and  
13          the Committee on Transportation and Infrastructure of  
14          the House of Representatives a report that, in accordance  
15          with the document entitled “Recommendations for Toxi-  
16          cological Investigations of Drug-Impaired Driving and  
17          Motor Vehicle Fatalities—2017 Update” (and subsequent  
18          updates to that document)—

19                 (1) identifies any barriers that States encounter  
20                 in submitting alcohol and drug toxicology results to  
21                 the Fatality Analysis Reporting System;

22                 (2) provides recommendations on how to ad-  
23                 dress the barriers identified pursuant to paragraph  
24                 (1); and



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1 (3) describes steps that the Secretary, acting  
2 through the Administrator of the National Highway  
3 Traffic Safety Administration, will take to assist  
4 States in improving—

5 (A) toxicology testing in cases of motor ve-  
6 hicle crashes; and

7 (B) the reporting of alcohol and drug toxi-  
8 cology results in cases of motor vehicle crashes.

9 **SEC. 10026. REPORT ON MARIJUANA RESEARCH.**

10 (a) DEFINITION OF MARIJUANA.—In this section, the  
11 term “marijuana” has the meaning given the term in sec-  
12 tion 4008(d) of the FAST Act (Public Law 114–94; 129  
13 Stat. 1511).

14 (b) REPORT.—Not later than 2 years after the date  
15 of enactment of this Act, the Secretary, in consultation  
16 with the Attorney General and the Secretary of Health  
17 and Human Services, shall submit to the Committees on  
18 Commerce, Science, and Transportation and the Judiciary  
19 of the Senate and the Committees on Transportation and  
20 Infrastructure and the Judiciary of the House of Rep-  
21 resentatives, and make publicly available on the website  
22 of the Department, a report that—

23 (1) describes methods for, and contains rec-  
24 ommendations with respect to—

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1 (A) increasing and improving, for scientific  
2 researchers studying impairment while driving  
3 under the influence of marijuana, access to  
4 samples and strains of marijuana and products  
5 containing marijuana that are lawfully available  
6 to patients or consumers in a State on a retail  
7 basis;

8 (B) establishing a national clearinghouse  
9 to collect and distribute samples and strains of  
10 marijuana for scientific research that includes  
11 marijuana and products containing marijuana  
12 lawfully available to patients or consumers in a  
13 State on a retail basis; and

14 (C) facilitating, for scientific researchers  
15 located in States that have not legalized mari-  
16 juana for medical or recreational use, access to  
17 samples and strains of marijuana and products  
18 containing marijuana from the clearinghouse  
19 described in subparagraph (B) for purposes of  
20 research on marijuana-impaired driving; and

21 (2) identifies, and contains recommendations  
22 for addressing, Federal statutory and regulatory  
23 barriers to—

24 (A) the conduct of scientific research on  
25 marijuana-impaired driving; and

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1 (B) the establishment of a national clear-  
2 inghouse for purposes of facilitating research on  
3 marijuana-impaired driving.

4 **SEC. 10027. GAO STUDY ON IMPROVING THE EFFICIENCY**  
5 **OF TRAFFIC SYSTEMS.**

6 Not later than 1 year after the date of enactment  
7 of this Act, the Comptroller General of the United States  
8 shall carry out, and submit to Congress a report describ-  
9 ing the results of, a study on the potential societal benefits  
10 of improving the efficiency of traffic systems.

11 **TITLE XI—HAZARDOUS**  
12 **MATERIALS**

13 **SEC. 11001. AUTHORIZATION OF APPROPRIATIONS.**

14 Section 5128 of title 49, United States Code, is  
15 amended to read as follows:

16 **“§ 5128. Authorization of appropriations**

17 “(a) IN GENERAL.—There are authorized to be ap-  
18 propriated to the Secretary to carry out this chapter (ex-  
19 cept section 5107(e), 5108(g)(2), 5113, 5115, 5116, and  
20 5119)—

21 “(1) \$67,000,000 for fiscal year 2022;

22 “(2) \$68,000,000 for fiscal year 2023;

23 “(3) \$69,000,000 for fiscal year 2024;

24 “(4) \$70,000,000 for fiscal year 2025; and

25 “(5) \$71,000,000 for fiscal year 2026.

1       “(b) HAZARDOUS MATERIALS EMERGENCY PRE-  
2 PAREDNESS FUND.—From the Hazardous Materials Pre-  
3 paredness Fund established under section 5116(h), the  
4 Secretary may expend, for each of fiscal years 2022  
5 through 2026—

6           “(1) \$39,050,000 to carry out section 5116(a);

7           “(2) \$150,000 to carry out section 5116(e);

8           “(3) \$625,000 to publish and distribute the  
9 Emergency Response Guidebook under section  
10 5116(h)(3); and

11          “(4) \$2,000,000 to carry out section 5116(i).

12       “(c) HAZARDOUS MATERIALS TRAINING GRANTS.—  
13 From the Hazardous Materials Emergency Preparedness  
14 Fund established pursuant to section 5116(h), the Sec-  
15 retary may expend \$5,000,000 for each of fiscal years  
16 2022 through 2026 to carry out section 5107(e).

17       “(d) COMMUNITY SAFETY GRANTS.—Of the amounts  
18 made available under subsection (a) to carry out this chap-  
19 ter, the Secretary shall withhold \$4,000,000 for each of  
20 fiscal years 2022 through 2026 to carry out section  
21 5107(i).

22       “(e) CREDITS TO APPROPRIATIONS.—

23           “(1) EXPENSES.—In addition to amounts oth-  
24 erwise made available to carry out this chapter, the  
25 Secretary may credit amounts received from a State,

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1 Indian tribe, or other public authority or private en-  
2 tity for expenses the Secretary incurs in providing  
3 training to the State, Indian tribe, authority or enti-  
4 ty.

5 “(2) AVAILABILITY OF AMOUNTS.—Amounts  
6 made available under this section shall remain avail-  
7 able until expended.”.

8 **SEC. 11002. ASSISTANCE FOR LOCAL EMERGENCY RE-**  
9 **SPONSE TRAINING GRANT PROGRAM.**

10 Section 5116 of title 49, United States Code, is  
11 amended—

12 (1) in subsection (j), in the second sentence of  
13 the matter preceding paragraph (1), by striking  
14 “subsection (i)” and inserting “subsections (i) and  
15 (j)”;

16 (2) by redesignating subsection (j) as sub-  
17 section (k); and

18 (3) by inserting after subsection (i) the fol-  
19 lowing:

20 “(j) ALERT GRANT PROGRAM.—

21 “(1) ASSISTANCE FOR LOCAL EMERGENCY RE-  
22 SPONSE TRAINING.—The Secretary shall establish a  
23 grant program to make grants to eligible entities de-  
24 scribed in paragraph (2)—

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1           “(A) to develop a hazardous materials re-  
2           sponse training curriculum for emergency re-  
3           sponders, including response activities for the  
4           transportation of crude oil, ethanol, and other  
5           flammable liquids by rail, consistent with the  
6           standards of the National Fire Protection Asso-  
7           ciation; and

8           “(B) to make the training described in  
9           subparagraph (A) available in an electronic for-  
10          mat.

11          “(2) ELIGIBLE ENTITIES.—An eligible entity  
12          referred to in paragraph (1) is a nonprofit organiza-  
13          tion that—

14                 “(A) represents first responders or public  
15                 officials responsible for coordinating disaster re-  
16                 sponse; and

17                 “(B) is able to provide direct or web-based  
18                 training to individuals responsible for respond-  
19                 ing to accidents and incidents involving haz-  
20                 ardous materials.

21          “(3) FUNDING.—

22                 “(A) IN GENERAL.—To carry out the  
23                 grant program under paragraph (1), the Sec-  
24                 retary may use, for each fiscal year, any  
25                 amounts recovered during such fiscal year from

1 grants awarded under this section during a  
2 prior fiscal year.

3 “(B) OTHER HAZARDOUS MATERIAL  
4 TRAINING ACTIVITIES.—For each fiscal year,  
5 after providing grants under paragraph (1), if  
6 funds remain available, the Secretary may use  
7 the amounts described in subparagraph (A)—

8 “(i) to make grants under—

9 “(I) subsection (a)(1)(C);

10 “(II) subsection (i); and

11 “(III) section 5107(e);

12 “(ii) to conduct monitoring and pro-  
13 vide technical assistance under subsection  
14 (e);

15 “(iii) to publish and distribute the  
16 emergency response guide referred to in  
17 subsection (h)(3); and

18 “(iv) to pay administrative costs in  
19 accordance with subsection (h)(4).

20 “(C) OBLIGATION LIMITATION.—Notwith-  
21 standing any other provision of law, for each  
22 fiscal year, amounts described in subparagraph  
23 (A) shall not be included in the obligation limi-  
24 tation for the Hazardous Materials Emergency

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1 Preparedness grant program for that fiscal  
2 year.”.

3 **SEC. 11003. REAL-TIME EMERGENCY RESPONSE INFORMA-**  
4 **TION.**

5 Section 7302 of the FAST Act (49 U.S.C. 20103  
6 note; Public Law 114–94) is amended—

7 (1) in subsection (a)—

8 (A) in the matter preceding paragraph (1),  
9 by striking “1 year after the date of enactment  
10 of this Act” and inserting “December 5, 2022”;

11 (B) in paragraph (1), by amending sub-  
12 paragraph (B) to read as follows:

13 “(B) to provide the electronic train consist  
14 information described in subparagraph (A) to  
15 authorized State and local first responders,  
16 emergency response officials, and law enforce-  
17 ment personnel that are involved in the re-  
18 sponse to, or investigation of, an accident, inci-  
19 dent, or public health or safety emergency in-  
20 volving the rail transportation of hazardous ma-  
21 terials;”;

22 (C) by striking paragraph (2);

23 (D) by redesignating paragraphs (3), (4),  
24 (5), (6), and (7) as paragraphs (2), (3), (4),  
25 (5), and (6), respectively; and



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1 (E) in paragraph (3), as redesignated, by  
2 striking “paragraph (3)” and inserting “para-  
3 graph (2)”;

4 (2) in subsection (b)—

5 (A) by striking paragraphs (1) and (4);  
6 and

7 (B) by redesignating paragraphs (2), (3),  
8 (5), (6), and (7) as paragraphs (1), (2), (3),  
9 (4), and (5), respectively; and  
10 (3) in subsection (c), by striking “, as described  
11 in subsection (a)(1)(B),”.

## 12 **TITLE XII—GENERAL** 13 **PROVISIONS**

### 14 **SEC. 12001. PERFORMANCE MEASUREMENT, TRANS-** 15 **PARENCY, AND ACCOUNTABILITY.**

16 For each grant awarded under this Act, or an amend-  
17 ment made by this Act, the Secretary may—

18 (1) develop metrics to assess the effectiveness of  
19 the activities funded by the grant;

20 (2) establish standards for the performance of  
21 the activities funded by the grant that are based on  
22 the metrics developed under paragraph (1); and

23 (3) not later than the date that is 4 years after  
24 the date of the initial award of the grant and every  
25 2 years thereafter until the date on which Federal

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1 financial assistance is discontinued for the applicable  
2 activity, conduct an assessment of the activity fund-  
3 ed by the grant to confirm whether the performance  
4 is meeting the standards for performance established  
5 under paragraph (2).

6 **SEC. 12002. COORDINATION REGARDING FORCED LABOR.**

7 The Secretary shall coordinate with the Commis-  
8 sioner of U.S. Customs and Border Protection to ensure  
9 that no illegal products or materials produced with forced  
10 labor are procured with funding made available under this  
11 Act.

12 **SEC. 12003. DEPARTMENT OF TRANSPORTATION SPEC-**  
13 **TRUM AUDIT.**

14 (a) **AUDIT AND REPORT.**—Not later than 18 months  
15 after the date of enactment of this Act, the Assistant Sec-  
16 retary of Commerce for Communications and Information  
17 and the Secretary shall jointly—

18 (1) conduct an audit of the electromagnetic  
19 spectrum that is assigned or otherwise allocated to  
20 the Department as of the date of the audit; and

21 (2) submit to Congress, and make available to  
22 each Member of Congress upon request, a report  
23 containing the results of the audit conducted under  
24 paragraph (1).

1 (b) CONTENTS OF REPORT.—The Assistant Sec-  
2 retary of Commerce for Communications and Information  
3 and the Secretary shall include in the report submitted  
4 under subsection (a)(2), with respect to the electro-  
5 magnetic spectrum that is assigned or otherwise allocated  
6 to the Department as of the date of the audit—

7 (1) each particular band of spectrum being used  
8 by the Department;

9 (2) a description of each purpose for which a  
10 particular band described in paragraph (1) is being  
11 used, and how much of the band is being used for  
12 that purpose;

13 (3) the State or other geographic area in which  
14 a particular band described in paragraph (1) is as-  
15 signed or allocated for use;

16 (4) whether a particular band described in  
17 paragraph (1) is used exclusively by the Department  
18 or shared with another Federal entity or a non-Fed-  
19 eral entity; and

20 (5) any portion of the spectrum that is not  
21 being used by the Department.

22 (c) FORM OF REPORT.—The report required under  
23 subsection (a)(2) shall be submitted in unclassified form  
24 but may include a classified annex.

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1 **SEC. 12004. STUDY AND REPORTS ON THE TRAVEL AND**  
2 **TOURISM ACTIVITIES OF THE DEPARTMENT.**

3 (a) STUDY.—

4 (1) IN GENERAL.—The Secretary shall conduct  
5 a study (referred to in this section as the “study”)  
6 on the travel and tourism activities within the De-  
7 partment.

8 (2) REQUIREMENT.—The study shall evaluate  
9 how the Department evaluates travel and tourism  
10 needs or criteria in considering applications for  
11 grants under the grant programs of the Department.

12 (b) REPORT OF THE SECRETARY.—Not later than 1  
13 year after the date of enactment of this Act, the Secretary  
14 shall submit to the Committee on Commerce, Science, and  
15 Transportation of the Senate and the Committee on  
16 Transportation and Infrastructure of the House of Rep-  
17 resentatives a report on the results of the study, which  
18 shall include—

19 (1) an identification of how the Department  
20 currently evaluates travel and tourism needs or cri-  
21 teria in considering applications for grants under the  
22 grant programs of the Department;

23 (2) a description of any actions that the De-  
24 partment will take to improve the evaluation of  
25 tourism- and travel-related criteria in considering

1 applications for grants under those grant programs;  
2 and

3 (3) recommendations as to any statutory or  
4 regulatory changes that may be required to enhance  
5 the consideration by the Department of travel and  
6 tourism needs or criteria in considering applications  
7 for grants under those grant programs.

8 (c) GAO ASSESSMENT AND REPORT.—

9 (1) ASSESSMENT.—The Comptroller General of  
10 the United States shall conduct an assessment of the  
11 existing resources of the Department used to con-  
12 duct travel- and tourism-related activities, including  
13 the consideration of travel and tourism needs or cri-  
14 teria in considering applications for grants under the  
15 grant programs of the Department, in order to iden-  
16 tify—

17 (A) any resources needed by the Depart-  
18 ment; and

19 (B) any barriers to carrying out those ac-  
20 tivities.

21 (2) REPORT.—Not later than 18 months after  
22 the date of enactment of this Act, the Comptroller  
23 General of the United States shall submit to the  
24 Committee on Commerce, Science, and Transpor-  
25 tation of the Senate and the Committee on Trans-

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1 portation and Infrastructure of the House of Rep-  
2 resentatives a report on the assessment conducted  
3 under paragraph (1), which shall include—

4 (A) recommendations for improving the  
5 evaluation and consideration by the Department  
6 of travel and tourism with respect to the discre-  
7 tionary grant programs of the Department;

8 (B) an assessment of the resources needed  
9 to carry out the tourism- and travel-related ac-  
10 tivities of the Department;

11 (C) an assessment of any barriers to car-  
12 rying out activities relating to travel and tour-  
13 ism; and

14 (D) recommendations for improving the  
15 ability of the Department to carry out activities  
16 relating to travel and tourism, which may in-  
17 clude proposed statutory or regulatory changes  
18 that may be needed to facilitate those activities.

19 **TITLE XIII—SPORT FISH RES-**  
20 **TORATION AND REC-**  
21 **REATIONAL BOATING SAFETY**

22 **SEC. 13001. SPORT FISH RESTORATION AND REC-**  
23 **REATIONAL BOATING SAFETY.**

24 (a) DIVISION OF ANNUAL APPROPRIATIONS.—

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1           (1) IN GENERAL.—Section 4 of the Dingell-  
2 Johnson Sport Fish Restoration Act (16 U.S.C.  
3 777c) is amended—

4           (A) in subsection (a), by striking “2021”  
5 and inserting “2026”;

6           (B) in subsection (b)—

7           (i) in paragraph (1)—

8           (I) in subparagraph (A), by strik-  
9 ing “2021” and inserting “2026”;  
10 and

11           (II) by striking subparagraph (B)  
12 and inserting the following:

13           “(B) AVAILABLE AMOUNTS.—The available  
14 amount referred to in subparagraph (A) is—

15           “(i) for the fiscal year that includes  
16 the date of enactment of the Infrastructure  
17 Investment and Jobs Act, the sum ob-  
18 tained by adding—

19           “(I) the available amount speci-  
20 fied in this subparagraph for the pre-  
21 ceding fiscal year; and

22           “(II) \$979,500; and

23           “(ii) for each fiscal year thereafter,  
24 the sum obtained by adding—

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1                   “(I) the available amount speci-  
2                   fied in this subparagraph for the pre-  
3                   ceding fiscal year; and

4                   “(II) the product obtained by  
5                   multiplying—

6                   “(aa) the available amount  
7                   specified in this subparagraph for  
8                   the preceding fiscal year; and

9                   “(bb) the change, relative to  
10                  the preceding fiscal year, in the  
11                  Consumer Price Index for All  
12                  Urban Consumers published by  
13                  the Department of Labor.”; and

14                  (ii) in paragraph (2)—

15                  (I) in subparagraph (A), by strik-  
16                  ing “2016 through 2021” and insert-  
17                  ing “2022 through 2026”; and

18                  (II) by striking subparagraph (B)  
19                  and inserting the following:

20                  “(B) AVAILABLE AMOUNTS.—The available  
21                  amount referred to in subparagraph (A) is—

22                  “(i) for fiscal year 2022, \$12,786,434;

23                  and



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1 “(ii) for fiscal year 2023 and each fis-  
2 cal year thereafter, the sum obtained by  
3 adding—

4 “(I) the available amount speci-  
5 fied in this subparagraph for the pre-  
6 ceding fiscal year; and

7 “(II) the product obtained by  
8 multiplying—

9 “(aa) the available amount  
10 specified in this subparagraph for  
11 the preceding fiscal year; and

12 “(bb) the change, relative to  
13 the preceding fiscal year, in the  
14 Consumer Price Index for All  
15 Urban Consumers published by  
16 the Department of Labor.”; and

17 (C) in subsection (e)(2), by striking  
18 “\$900,000” and inserting “\$1,300,000”.

19 (2) ADMINISTRATION.—Section 9(a) of the Din-  
20 gell-Johnson Sport Fish Restoration Act (16 U.S.C.  
21 777h(a)) is amended—

22 (A) by striking paragraphs (1) and (2) and  
23 inserting the following:

24 “(1) personnel costs of employees for the work  
25 hours of each employee spent directly administering

1 this Act, as those hours are certified by the super-  
2 visor of the employee;”;

3 (B) by redesignating paragraphs (3)  
4 through (12) as paragraphs (2) through (11),  
5 respectively;

6 (C) in paragraph (2) (as so redesignated),  
7 by striking “paragraphs (1) and (2)” and in-  
8 sserting “paragraph (1)”;

9 (D) in paragraph (4)(B) (as so redesi-  
10 gnated), by striking “full-time equivalent em-  
11 ployee authorized under paragraphs (1) and  
12 (2)” and inserting “employee authorized under  
13 paragraph (1)”;

14 (E) in paragraph (8)(A) (as so redesi-  
15 gnated), by striking “on a full-time basis”; and

16 (F) in paragraph (10) (as so redesi-  
17 gnated)—

18 (i) by inserting “or part-time” after  
19 “full-time”; and

20 (ii) by inserting “, subject to the con-  
21 dition that the percentage of the relocation  
22 expenses paid with funds made available  
23 pursuant to this Act may not exceed the  
24 percentage of the work hours of the em-

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1           ployee that are spent administering this  
2           Act” after “incurred”.

3           (3) OTHER ACTIVITIES.—Section 14(e) of the  
4           Dingell-Johnson Sport Fish Restoration Act (16  
5           U.S.C. 777m(e)) is amended by adding at the end  
6           the following:

7           “(3) A portion, as determined by the Sport  
8           Fishing and Boating Partnership Council, of funds  
9           disbursed for the purposes described in paragraph  
10          (2) but remaining unobligated as of October 1,  
11          2021, shall be used to study the impact of derelict  
12          vessels and identify recyclable solutions for rec-  
13          reational vessels.”.

14          (4) RECREATIONAL BOATING SAFETY.—Section  
15          13107(c)(2) of title 46, United States Code, is  
16          amended by striking “No funds available” and in-  
17          serting “On or after October 1, 2024, no funds  
18          available”.

19          (b) WILDLIFE RESTORATION FUND ADMINISTRA-  
20          TION.—

21          (1) ALLOCATION AND APPORTIONMENT OF  
22          AVAILABLE AMOUNTS.—Section 4(a) of the Pittman-  
23          Robertson Wildlife Restoration Act (16 U.S.C.  
24          669c(a)) is amended—

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1 (A) in paragraph (1), by striking subpara-  
2 graph (B) and inserting the following:

3 “(B) AVAILABLE AMOUNTS.—The available  
4 amount referred to in subparagraph (A) is—

5 “(i) for the fiscal year that includes  
6 the date of enactment of the Infrastructure  
7 Investment and Jobs Act, the sum ob-  
8 tained by adding—

9 “(I) the available amount speci-  
10 fied in this subparagraph for the pre-  
11 ceding fiscal year; and

12 “(II) \$979,500; and

13 “(ii) for each fiscal year thereafter,  
14 the sum obtained by adding—

15 “(I) the available amount speci-  
16 fied in this subparagraph for the pre-  
17 ceding fiscal year; and

18 “(II) the product obtained by  
19 multiplying—

20 “(aa) the available amount  
21 specified in this subparagraph for  
22 the preceding fiscal year; and

23 “(bb) the change, relative to  
24 the preceding fiscal year, in the  
25 Consumer Price Index for All

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1 Urban Consumers published by  
2 the Department of Labor.”; and

3 (B) in paragraph (2)—

4 (i) in subparagraph (A), by inserting  
5 “subsequent” before “fiscal year.”; and

6 (ii) by striking subparagraph (B) and  
7 inserting the following:

8 “(B) APPORTIONMENT OF UNOBLIGATED  
9 AMOUNTS.—

10 “(i) IN GENERAL.—Not later than 60  
11 days after the end of a fiscal year, the Sec-  
12 retary of the Interior shall apportion  
13 among the States any of the available  
14 amount under paragraph (1) that re-  
15 mained available for obligation pursuant to  
16 subparagraph (A) during that fiscal year  
17 and remains unobligated at the end of that  
18 fiscal year.

19 “(ii) REQUIREMENT.—The available  
20 amount apportioned under clause (i) shall  
21 be apportioned on the same basis and in  
22 the same manner as other amounts made  
23 available under this Act were apportioned  
24 among the States for the fiscal year in

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1           which the amount was originally made  
2           available.”.

3           (2) AUTHORIZED EXPENSES FOR ADMINISTRA-  
4           TION.—Section 9(a) of the Pittman-Robertson Wild-  
5           life Restoration Act (16 U.S.C. 669h(a)) is amend-  
6           ed—

7           (A) by striking paragraphs (1) and (2) and  
8           inserting the following:

9           “(1) personnel costs of employees for the work  
10          hours of each employee spent directly administering  
11          this Act, as those hours are certified by the super-  
12          visor of the employee;”;

13          (B) by redesignating paragraphs (3)  
14          through (12) as paragraphs (2) through (11),  
15          respectively;

16          (C) in paragraph (2) (as so redesignated),  
17          by striking “paragraphs (1) and (2)” and in-  
18          serting “paragraph (1)”;

19          (D) in paragraph (4)(B) (as so redesign-  
20          ated), by striking “full-time equivalent em-  
21          ployee authorized under paragraphs (1) and  
22          (2)” and inserting “employee authorized under  
23          paragraph (1)”;

24          (E) in paragraph (8)(A) (as so redesign-  
25          ated), by striking “on a full-time basis”; and

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1 (F) in paragraph (10) (as so redesignated)—  
2

3 (i) by inserting “or part-time” after  
4 “full-time”; and

5 (ii) by inserting “, subject to the condition that the percentage of the relocation  
6 expenses paid with funds made available  
7 pursuant to this Act may not exceed the  
8 percentage of the work hours of the employee that are spent administering this  
9 Act” after “incurred”.  
10  
11

12 (c) RECREATIONAL BOATING ACCESS.—

13 (1) IN GENERAL.—Not later than 1 year after  
14 the date of enactment of this Act, the Comptroller  
15 General of the United States shall submit to the  
16 Sport Fishing and Boating Partnership Council, the  
17 Committee on Natural Resources and the Committee  
18 on Transportation and Infrastructure of the House  
19 of Representatives, and the Committee on Commerce,  
20 Science, and Transportation and the Committee on  
21 Environment and Public Works of the  
22 Senate a report that, to the extent practicable, given  
23 available data, shall document—

24 (A) the use of nonmotorized vessels in each  
25 State and how the increased use of non-

1304

1 motorized vessels is impacting motorized and  
2 nonmotorized vessel access;

3 (B) user conflicts at waterway access  
4 points; and

5 (C) the use of—

6 (i) Sport Fish Restoration Program  
7 funds to improve nonmotorized access at  
8 waterway entry points and the reasons for  
9 providing that access; and

10 (ii) Recreational Boating Safety Pro-  
11 gram funds for nonmotorized boating safe-  
12 ty programs.

13 (2) CONSULTATION.—The Comptroller General  
14 of the United States shall consult with the Sport  
15 Fishing and Boating Partnership Council and the  
16 National Boating Safety Advisory Council on study  
17 design, scope, and priorities for the report under  
18 paragraph (1).

19 (d) SPORT FISHING AND BOATING PARTNERSHIP  
20 COUNCIL.—

21 (1) IN GENERAL.—The Sport Fishing and  
22 Boating Partnership Council established by the Sec-  
23 retary of the Interior shall be an advisory committee  
24 of the Department of the Interior and the Depart-



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1 ment of Commerce subject to the Federal Advisory  
2 Committee Act (5 U.S.C. App.).

3 (2) FACA.— The Secretary of the Interior and  
4 the Secretary of Commerce shall jointly carry out  
5 the requirements of the Federal Advisory Committee  
6 Act (5 U.S.C. App.) with respect to the Sport Fish-  
7 ing and Boating Partnership Council described in  
8 paragraph (1).

9 (3) EFFECTIVE DATE.—This subsection shall  
10 take effect on January 1, 2023.

11 **DIVISION B—DRINKING WATER**  
12 **AND WASTEWATER INFRA-**  
13 **STRUCTURE**

14 **SEC. 20001. DEFINITION OF ADMINISTRATOR.**

15 In this division, the term “Administrator” means the  
16 Administrator of the Environmental Protection Agency.

17 **TITLE I—DRINKING WATER**

18 **SEC. 20101. TECHNICAL ASSISTANCE AND GRANTS FOR**  
19 **EMERGENCIES AFFECTING PUBLIC WATER**  
20 **SYSTEMS.**

21 Section 1442 of the Safe Drinking Water Act (42  
22 U.S.C. 300j–1) is amended—

23 (1) in subsection (a), by adding at the end the  
24 following:

25 “(11) COMPLIANCE EVALUATION.—

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1           “(A) IN GENERAL.—Not later than 1 year after  
2           the date of enactment of this paragraph, the Admin-  
3           istrator shall—

4                   “(i) evaluate, based on the compliance data  
5                   found in the Safe Drinking Water Information  
6                   System of the Administrator, the compliance of  
7                   community water systems and wastewater sys-  
8                   tems with environmental, health, and safety re-  
9                   quirements under this title, including water  
10                  quality sampling, testing, and reporting require-  
11                  ments; and

12                   “(ii) submit to Congress a report describ-  
13                   ing trends seen as a result of the evaluation  
14                   under clause (i), including trends that dem-  
15                   onstrate how the characteristics of community  
16                   water systems and wastewater systems correlate  
17                   to trends in compliance or noncompliance with  
18                   the requirements described in that clause.

19           “(B) REQUIREMENT.—To the extent prac-  
20           ticable, in carrying out subparagraph (A), the Ad-  
21           ministrator shall determine whether, in aggregate,  
22           community water systems and wastewater systems  
23           maintain asset management plans.”;

24                   (2) in subsection (b), in the first sentence—

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1 (A) by inserting “(including an emergency  
2 situation resulting from a cybersecurity event)”  
3 after “emergency situation”; and

4 (B) by inserting “, including a threat to  
5 public health resulting from contaminants, such  
6 as, but not limited to, heightened exposure to  
7 lead in drinking water” after “public health”;

8 (3) by striking subsection (d) and inserting the  
9 following:

10 “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
11 is authorized to be appropriated to carry out subsection  
12 (b) \$35,000,000 for each of fiscal years 2022 through  
13 2026.”;

14 (4) in subsection (e), by striking paragraph (5)  
15 and inserting the following:

16 “(5) AUTHORIZATION OF APPROPRIATIONS.—  
17 There is authorized to be appropriated to the Ad-  
18 ministrator to carry out this subsection \$15,000,000  
19 for each of fiscal years 2022 through 2026.”;

20 (5) by redesignating subsection (f) as sub-  
21 section (g); and

22 (6) by inserting after subsection (e) the fol-  
23 lowing:

24 “(f) STATE-BASED NONPROFIT ORGANIZATIONS.—

1308

1           “(1) IN GENERAL.—The Administrator may  
2 provide technical assistance consistent with the au-  
3 thority provided under subsection (e) to State-based  
4 nonprofit organizations that are governed by com-  
5 munity water systems.

6           “(2) COMMUNICATION.—Each State-based non-  
7 profit organization that receives funding under para-  
8 graph (1) shall, before using that funding to under-  
9 take activities to carry out this subsection, consult  
10 with the State in which the assistance is to be ex-  
11 pended or otherwise made available.”.

12 **SEC. 20102. DRINKING WATER STATE REVOLVING LOAN**  
13 **FUNDS.**

14           (a) DRINKING WATER STATE REVOLVING FUNDS  
15 CAPITALIZATION GRANT REAUTHORIZATION.—Section  
16 1452 of the Safe Drinking Water Act (42 U.S.C. 300j–  
17 12) is amended—

18           (1) in subsection (a)(4)(A), by striking “During  
19 fiscal years 2019 through 2023, funds” and insert-  
20 ing “Funds”;

21           (2) in subsection (m)(1) —

22           (A) in subparagraph (B), by striking  
23 “and”;

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1 (B) in subparagraph (C), by striking the  
2 period at the end and inserting a semicolon;  
3 and

4 (C) by adding at the end the following:

5 “(D) \$2,400,000,000 for fiscal year 2022;

6 “(E) \$2,750,000,000 for fiscal year 2023;

7 “(F) \$3,000,000,000 for fiscal year 2024;

8 and

9 “(G) \$3,250,000,000 for each of fiscal  
10 years 2025 and 2026.”; and

11 (3) in subsection (q), by striking “2016 through  
12 2021” and inserting “2022 through 2026”.

13 (b) ASSISTANCE FOR DISADVANTAGED COMMU-  
14 NITIES.—Section 1452(d) of the Safe Drinking Water Act  
15 (42 U.S.C. 300j–12(d)) is amended—

16 (1) in paragraph (1)—

17 (A) by striking “Notwithstanding any” and  
18 inserting the following:

19 “(A) IN GENERAL.—Notwithstanding  
20 any”;

21 (B) in subparagraph (A) (as so des-  
22 ignated), by inserting “, grants, negative inter-  
23 est loans, other loan forgiveness, and through  
24 buying, refinancing, or restructuring debt”  
25 after “forgiveness of principal”; and

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1 (C) by adding at the end the following:

2 “(B) EXCLUSION.—A loan from a State  
3 loan fund with an interest rate equal to or  
4 greater than 0 percent shall not be considered  
5 additional subsidization for purposes of this  
6 subsection.”; and

7 (2) in paragraph (2), by striking subparagraph  
8 (B) and inserting the following:

9 “(B) to the extent that there are sufficient  
10 applications for loans to communities described  
11 in paragraph (1), may not be less than 12 per-  
12 cent.”.

13 **SEC. 20103. SOURCE WATER PETITION PROGRAM.**

14 Section 1454 of the Safe Drinking Water Act (42  
15 U.S.C. 300j–14) is amended—

16 (1) in subsection (a)—

17 (A) in paragraph (1)(A), in the matter  
18 preceding clause (i), by striking “political sub-  
19 division of a State,” and inserting “political  
20 subdivision of a State (including a county that  
21 is designated by the State to act on behalf of  
22 an unincorporated area within that county, with  
23 the agreement of that unincorporated area),”;

24 (B) in paragraph (4)(D)(i), by inserting  
25 “(including a county that is designated by the

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1 State to act on behalf of an unincorporated  
2 area within that county)” after “of the State”;  
3 and

4 (C) by adding at the end the following:

5 “(5) SAVINGS PROVISION.—Unless otherwise  
6 provided within the agreement, an agreement be-  
7 tween an unincorporated area and a county for the  
8 county to submit a petition under paragraph (1)(A)  
9 on behalf of the unincorporated area shall not au-  
10 thorize the county to act on behalf of the unincor-  
11 porated area in any matter not within a program  
12 under this section.”; and

13 (2) in subsection (e), in the first sentence, by  
14 striking “2021” and inserting “2026”.

15 **SEC. 20104. ASSISTANCE FOR SMALL AND DISADVANTAGED**  
16 **COMMUNITIES.**

17 (a) EXISTING PROGRAMS.—Section 1459A of the  
18 Safe Drinking Water Act (42 U.S.C. 300j–19a) is amend-  
19 ed—

20 (1) in subsection (b)(2)—

21 (A) in subparagraph (B), by striking  
22 “and” at the end;

23 (B) in subparagraph (C), by striking the  
24 period at the end and inserting a semicolon;  
25 and

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1 (C) by adding at the end the following:

2 “(D) the purchase of point-of-entry or  
3 point-of-use filters and filtration systems that  
4 are certified by a third party using science-  
5 based test methods for the removal of contami-  
6 nants of concern;

7 “(E) investments necessary for providing  
8 accurate and current information about—

9 “(i) the need for filtration and filter  
10 safety, including proper use and mainte-  
11 nance practices; and

12 “(ii) the options for replacing lead  
13 service lines (as defined in section  
14 1459B(a)) and removing other sources of  
15 lead in water; and

16 “(F) entering into contracts, including con-  
17 tracts with nonprofit organizations that have  
18 water system technical expertise, to assist—

19 “(i) an eligible entity; or

20 “(ii) the State of an eligible entity, on  
21 behalf of that eligible entity.”;

22 (2) in subsection (c), in the matter preceding  
23 paragraph (1), by striking “An eligible entity” and  
24 inserting “Except for purposes of subsections (j) and  
25 (m), an eligible entity”;



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1 (3) in subsection (g)(1), by striking “to pay not  
2 less than 45 percent” and inserting “except as pro-  
3 vided in subsection (l)(5) and subject to subsection  
4 (h), to pay not less than 10 percent”;

5 (4) by striking subsection (k) and inserting the  
6 following:

7 “(k) AUTHORIZATION OF APPROPRIATIONS.—There  
8 are authorized to be appropriated to carry out subsections  
9 (a) through (j)—

10 “(1) \$70,000,000 for fiscal year 2022;

11 “(2) \$80,000,000 for fiscal year 2023;

12 “(3) \$100,000,000 for fiscal year 2024;

13 “(4) \$120,000,000 for fiscal year 2025; and

14 “(5) \$140,000,000 for fiscal year 2026.”; and

15 (5) in subsection (l)—

16 (A) in paragraph (2)—

17 (i) by striking “The Administrator  
18 may” and inserting “The Administrator  
19 shall”; and

20 (ii) by striking “fiscal years 2019 and  
21 2020” and inserting “fiscal years 2022  
22 through 2026”;

23 (B) in paragraph (5), by striking  
24 “\$4,000,000 for each of fiscal years 2019 and

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1 2020” and inserting “\$25,000,000 for each of  
2 fiscal years 2022 through 2026”;

3 (C) by redesignating paragraph (5) as  
4 paragraph (6); and

5 (D) by inserting after paragraph (4) the  
6 following:

7 “(5) FEDERAL SHARE FOR SMALL, RURAL, AND  
8 DISADVANTAGED COMMUNITIES.—

9 “(A) IN GENERAL.—Subject to subpara-  
10 graph (B), with respect to a program or project  
11 that serves an eligible entity and is carried out  
12 using a grant under this subsection, the Fed-  
13 eral share of the cost of the program or project  
14 shall be 90 percent.

15 “(B) WAIVER.—The Administrator may  
16 increase the Federal share under subparagraph  
17 (A) to 100 percent if the Administrator deter-  
18 mines that an eligible entity is unable to pay,  
19 or would experience significant financial hard-  
20 ship if required to pay, the non-Federal share.”.

21 (b) CONNECTION TO PUBLIC WATER SYSTEMS.—  
22 Section 1459A of the Safe Drinking Water Act (42 U.S.C.  
23 300j–19a) is amended by adding at the end the following:

24 “(m) CONNECTION TO PUBLIC WATER SYSTEMS.—

25 “(1) DEFINITIONS.—In this subsection:

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1           “(A) ELIGIBLE ENTITY.—The term ‘eligi-  
2           ble entity’ means—

3                   “(i) an owner or operator of a public  
4                   water system that assists or is seeking to  
5                   assist eligible individuals with connecting  
6                   the household of the eligible individual to  
7                   the public water system; or

8                   “(ii) a nonprofit entity that assists or  
9                   is seeking to assist eligible individuals with  
10                  the costs associated with connecting the  
11                  household of the eligible individual to a  
12                  public water system.

13           “(B) ELIGIBLE INDIVIDUAL.—The term  
14           ‘eligible individual’ has the meaning given the  
15           term in section 603(j) of the Federal Water  
16           Pollution Control Act (33 U.S.C. 1383(j)).

17           “(C) PROGRAM.—The term ‘program’  
18           means the competitive grant program estab-  
19           lished under paragraph (2).

20           “(2) ESTABLISHMENT.—Subject to the avail-  
21           ability of appropriations, the Administrator shall es-  
22           tablish a competitive grant program for the purpose  
23           of improving the general welfare under which the  
24           Administrator awards grants to eligible entities to  
25           provide funds to assist eligible individuals in cov-

1316

1       ering the costs incurred by the eligible individual in  
2       connecting the household of the eligible individual to  
3       a public water system.

4               “(3) APPLICATION.—An eligible entity seeking  
5       a grant under the program shall submit to the Ad-  
6       ministrators an application at such time, in such  
7       manner, and containing such information as the Ad-  
8       ministrators may require.

9               “(4) VOLUNTARY CONNECTION.—Before pro-  
10       viding funds to an eligible individual for the costs  
11       described in paragraph (2), an eligible entity shall  
12       ensure and certify to the Administrator that—

13               “(A) the eligible individual is voluntarily  
14       seeking connection to the public water system;

15               “(B) if the eligible entity is not the owner  
16       or operator of the public water system to which  
17       the eligible individual seeks to connect, the pub-  
18       lic water system to which the eligible individual  
19       seeks to connect has agreed to the connection;  
20       and

21               “(C) the connection of the household of the  
22       eligible individual to the public water system  
23       meets all applicable local and State regulations,  
24       requirements, and codes.

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1           “(5) REPORT.—Not later than 3 years after the  
2           date of enactment of this subsection, the Adminis-  
3           trator shall submit to Congress a report that de-  
4           scribes the implementation of the program, which  
5           shall include a description of the use and deployment  
6           of amounts made available under the program.

7           “(6) AUTHORIZATION OF APPROPRIATIONS.—  
8           There is authorized to be appropriated to carry out  
9           the program \$20,000,000 for each of fiscal years  
10          2022 through 2026.”.

11          (c) COMPETITIVE GRANT PILOT PROGRAM.—Section  
12          1459A of the Safe Drinking Water Act (42 U.S.C. 300j-  
13          19a) (as amended by subsection (b)) is amended by adding  
14          at the end the following:

15          “(n) STATE COMPETITIVE GRANTS FOR UNDER-  
16          SERVED COMMUNITIES.—

17                 “(1) IN GENERAL.—In addition to amounts au-  
18                 thorized to be appropriated under subsection (k),  
19                 there is authorized to be appropriated to carry out  
20                 subsections (a) through (j) \$50,000,000 for each of  
21                 fiscal years 2022 through 2026 in accordance with  
22                 paragraph (2).

23                 “(2) COMPETITIVE GRANTS.—

24                         “(A) IN GENERAL.—Notwithstanding any  
25                         other provision of this section, the Adminis-

1318

1           trator shall distribute amounts made available  
2           under paragraph (1) to States through a com-  
3           petitive grant program.

4           “(B) APPLICATIONS.—To seek a grant  
5           under the competitive grant program under  
6           subparagraph (A), a State shall submit to the  
7           Administrator an application at such time, in  
8           such manner, and containing such information  
9           as the Administrator may require.

10           “(C) CRITERIA.—In selecting recipients of  
11           grants under the competitive grant program  
12           under subparagraph (A), the Administrator  
13           shall establish criteria that give priority to  
14           States with a high proportion of underserved  
15           communities that meet the condition described  
16           in subsection (a)(2)(A).

17           “(3) REPORT.—Not later than 2 years after the  
18           date of enactment of this subsection, the Adminis-  
19           trator shall submit to Congress a report that de-  
20           scribes the implementation of the competitive grant  
21           program under paragraph (2)(A), which shall in-  
22           clude a description of the use and deployment of  
23           amounts made available under the competitive grant  
24           program.

1           “(4) SAVINGS PROVISION.—Nothing in this  
2 paragraph affects the distribution of amounts made  
3 available under subsection (k), including any meth-  
4 ods used by the Administrator for distribution of  
5 amounts made available under that subsection as in  
6 effect on the day before the date of enactment of  
7 this subsection.”.

8 **SEC. 20105. REDUCING LEAD IN DRINKING WATER.**

9           Section 1459B of the Safe Drinking Water Act (42  
10 U.S.C. 300j–19b) is amended—

11           (1) in subsection (a)—

12           (A) in paragraph (1), by striking subpara-  
13 graph (D) and inserting the following:

14           “(D) a qualified nonprofit organization  
15 with experience in lead reduction, as determined  
16 by the Administrator; and”;

17           (B) in paragraph (2)(A)—

18           (i) in clause (i), by striking “publicly  
19 owned”; and

20           (ii) by striking clause (iii) and insert-  
21 ing the following:

22           “(iii) providing assistance to eligible  
23 entities to replace lead service lines, with  
24 priority for disadvantaged communities  
25 based on the affordability criteria estab-

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1 lished by the applicable State under section  
2 1452(d)(3), low-income homeowners, and  
3 landlords or property owners providing  
4 housing to low-income renters.”; and

5 (C) in paragraph (3), by striking “an indi-  
6 vidual provided”;

7 (2) in subsection (b)—

8 (A) in paragraph (5)—

9 (i) in subparagraph (A), by striking  
10 “to provide assistance” and all that follows  
11 through the period at the end and insert-  
12 ing “to replace lead service lines, with first  
13 priority given to assisting disadvantaged  
14 communities based on the affordability cri-  
15 teria established by the applicable State  
16 under section 1452(d)(3), low-income  
17 homeowners, and landlords or property  
18 owners providing housing to low-income  
19 renters.”; and

20 (ii) in subparagraph (B), by striking  
21 “line” and inserting “lines”; and

22 (B) in paragraph (6)—

23 (i) in subparagraph (A), by striking  
24 “any publicly owned portion of”;



1321

1 (ii) in subparagraph (C), in the mat-  
2 ter preceding clause (i)—

3 (I) by striking “may” and insert-  
4 ing “shall”;

5 (II) by inserting “and may, for  
6 other homeowners,” after “low-income  
7 homeowner,”; and

8 (III) by striking “a cost that”  
9 and all that follows through the semi-  
10 colon at the end of clause (ii) and in-  
11 sserting “no cost to the homeowner”;

12 (iii) in subparagraph (D), by striking  
13 “and” at the end;

14 (iv) in subparagraph (E), by striking  
15 “other options” and all that follows  
16 through the period at the end and insert-  
17 ing “feasible alternatives for reducing the  
18 concentration of lead in drinking water,  
19 such as corrosion control; and”;

20 (v) by adding at the end the following:

21 “(F) shall notify the State of any planned  
22 replacement of lead service lines under this pro-  
23 gram and coordinate, where practicable, with  
24 other relevant infrastructure projects.”;

25 (3) in subsection (d)—

1322

1 (A) by inserting “(except for subsection  
2 (d))” after “this section”; and

3 (B) by striking “\$60,000,000 for each of  
4 fiscal years 2017 through 2021” and inserting  
5 “\$100,000,000 for each of fiscal years 2022  
6 through 2026”;

7 (4) by redesignating subsections (d) and (e) as  
8 subsections (e) and (f), respectively; and

9 (5) by inserting after subsection (c) the fol-  
10 lowing:

11 “(d) LEAD INVENTORYING UTILIZATION GRANT  
12 PILOT PROGRAM.—

13 “(1) DEFINITIONS.—In this subsection:

14 “(A) ELIGIBLE ENTITY.—The term ‘eligi-  
15 ble entity’ means a municipality that is served  
16 by a community water system or a nontransient  
17 noncommunity water system in which not less  
18 than 30 percent of the service lines are known,  
19 or suspected, to contain lead, based on available  
20 data, information, or resources, including exist-  
21 ing lead inventorying.

22 “(B) PILOT PROGRAM.—The term ‘pilot  
23 program’ means the pilot program established  
24 under paragraph (2).

1           “(2) ESTABLISHMENT.—The Administrator  
2 shall establish a pilot program under which the Ad-  
3 ministrator shall provide grants to eligible entities to  
4 carry out lead reduction projects that are dem-  
5 onstrated to exist or are suspected to exist, based on  
6 available data, information, or resources, including  
7 existing lead inventorying of those eligible entities.

8           “(3) SELECTION.—

9           “(A) APPLICATION.—To be eligible to re-  
10 ceive a grant under the pilot program, an eligi-  
11 ble entity shall submit to the Administrator an  
12 application at such time, in such manner, and  
13 containing such information as the Adminis-  
14 trator may require.

15           “(B) PRIORITIZATION.—In selecting recipi-  
16 ents under the pilot program, the Administrator  
17 shall give priority to—

18           “(i) an eligible entity that meets the  
19 affordability criteria of the applicable State  
20 established under section 1452(d)(3); and

21           “(ii) an eligible entity that is located  
22 in an area other than a State that has es-  
23 tablished affordability criteria under sec-  
24 tion 1452(d)(3).

1324

1           “(4) REPORT.—Not later 2 years after the Ad-  
2           ministrator first awards a grant under the pilot pro-  
3           gram, the Administrator shall submit to the Com-  
4           mittee on Environment and Public Works of the  
5           Senate and the Committee on Energy and Com-  
6           merce of the House of Representatives a report de-  
7           scribing—

8                   “(A) the recipients of grants under the  
9                   pilot program;

10                   “(B) the existing lead inventorying that  
11                   was available to recipients of grants under the  
12                   pilot program; and

13                   “(C) how useful and accurate the lead  
14                   inventorying described in subparagraph (B) was  
15                   in locating lead service lines of the eligible enti-  
16                   ty.

17           “(5) AUTHORIZATION OF APPROPRIATIONS.—  
18           There is authorized to be appropriated to carry out  
19           the pilot program \$10,000,000, to remain available  
20           until expended.”.

21 **SEC. 20106. OPERATIONAL SUSTAINABILITY OF SMALL PUB-**  
22 **LIC WATER SYSTEMS.**

23           Part E of the Safe Drinking Water Act (42 U.S.C.  
24           300j et seq.) is amended by adding at the end the fol-  
25           lowing:

1325

1 **“SEC. 1459E. OPERATIONAL SUSTAINABILITY OF SMALL**  
2 **PUBLIC WATER SYSTEMS.**

3 “(a) DEFINITIONS.—In this section:

4 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-  
5 tity’ means—

6 “(A) a State;

7 “(B) a unit of local government;

8 “(C) a public corporation established by a  
9 unit of local government to provide water serv-  
10 ice;

11 “(D) a nonprofit corporation, public trust,  
12 or cooperative association that owns or operates  
13 a public water system;

14 “(E) an Indian Tribe that owns or oper-  
15 ates a public water system;

16 “(F) a nonprofit organization that provides  
17 technical assistance to public water systems;  
18 and

19 “(G) a Tribal consortium.

20 “(2) OPERATIONAL SUSTAINABILITY.—The  
21 term ‘operational sustainability’ means the ability to  
22 improve the operation of a small system through the  
23 identification and prevention of potable water loss  
24 due to leaks, breaks, and other metering or infra-  
25 structure failures.

1326

1           “(3) PROGRAM.—The term ‘program’ means  
2           the grant program established under subsection (b).

3           “(4) SMALL SYSTEM.—The term ‘small system’,  
4           for the purposes of this section, means a public  
5           water system that—

6                   “(A) serves fewer than 10,000 people; and

7                   “(B) is owned or operated by—

8                           “(i) a unit of local government;

9                           “(ii) a public corporation;

10                          “(iii) a nonprofit corporation;

11                          “(iv) a public trust;

12                          “(v) a cooperative association; or

13                          “(vi) an Indian Tribe.

14           “(b) ESTABLISHMENT.—Subject to the availability of  
15           appropriations, the Administrator shall establish a pro-  
16           gram to award grants to eligible entities for the purpose  
17           of improving the operational sustainability of 1 or more  
18           small systems.

19           “(c) APPLICATIONS.—To be eligible to receive a grant  
20           under the program, an eligible entity shall submit to the  
21           Administrator an application at such time, in such man-  
22           ner, and containing such information as the Administrator  
23           may require, including—

24                   “(1) a proposal of the project to be carried out  
25           using grant funds under the program;

1327

1           “(2) documentation provided by the eligible en-  
2           tity describing the deficiencies or suspected defi-  
3           ciencies in operational sustainability of 1 or more  
4           small systems that are to be addressed through the  
5           proposed project;

6           “(3) a description of how the proposed project  
7           will improve the operational sustainability of 1 or  
8           more small systems;

9           “(4) a description of how the improvements de-  
10          scribed in paragraph (3) will be maintained beyond  
11          the life of the proposed project, including a plan to  
12          maintain and update any asset data collected as a  
13          result of the proposed project; and

14          “(5) any additional information the Adminis-  
15          trator may require.

16          “(d) **ADDITIONAL REQUIRED INFORMATION.**—Before  
17          the award of funds for a grant under the program to a  
18          grant recipient, the grant recipient shall submit to the Ad-  
19          ministrators—

20                 “(1) if the grant recipient is located in a State  
21                 that has established a State drinking water treat-  
22                 ment revolving loan fund under section 1452, a copy  
23                 of a written agreement between the grant recipient  
24                 and the State in which the grant recipient agrees to  
25                 provide a copy of any data collected under the pro-

1328

1 posed project to the State agency administering the  
2 State drinking water treatment revolving loan fund  
3 (or a designee); or

4 “(2) if the grant recipient is located in an area  
5 other than a State that has established a State  
6 drinking water treatment revolving loan fund under  
7 section 1452, a copy of a written agreement between  
8 the grant recipient and the Administrator in which  
9 the eligible entity agrees to provide a copy of any  
10 data collected under the proposed project to the Ad-  
11 ministrator (or a designee).

12 “(e) USE OF FUNDS.—An eligible entity that receives  
13 a grant under the program shall use the grant funds to  
14 carry out projects that improve the operational sustain-  
15 ability of 1 or more small systems through—

16 “(1) the development of a detailed asset inven-  
17 tory, which may include drinking water sources,  
18 wells, storage, valves, treatment systems, distribu-  
19 tion lines, hydrants, pumps, controls, and other es-  
20 sential infrastructure;

21 “(2) the development of an infrastructure asset  
22 map, including a map that uses technology such  
23 as—

24 “(A) geographic information system soft-  
25 ware; and



1329

1 “(B) global positioning system software;

2 “(3) the deployment of leak detection tech-  
3 nology;

4 “(4) the deployment of metering technology;

5 “(5) training in asset management strategies,  
6 techniques, and technologies for appropriate staff  
7 employed by—

8 “(A) the eligible entity; or

9 “(B) the small systems for which the grant  
10 was received;

11 “(6) the deployment of strategies, techniques,  
12 and technologies to enhance the operational sustain-  
13 ability and effective use of water resources through  
14 water reuse; and

15 “(7) the development or deployment of other  
16 strategies, techniques, or technologies that the Ad-  
17 ministrator may determine to be appropriate under  
18 the program.

19 “(f) COST SHARE.—

20 “(1) IN GENERAL.—Subject to paragraph (2),  
21 the Federal share of the cost of a project carried out  
22 using a grant under the program shall be 90 percent  
23 of the total cost of the project.

1330

1           “(2) WAIVER.—The Administrator may in-  
2           crease the Federal share under paragraph (1) to 100  
3           percent.

4           “(g) REPORT.—Not later than 2 years after the date  
5           of enactment of this section, the Administrator shall sub-  
6           mit to Congress a report that describes the implementa-  
7           tion of the program, which shall include a description of  
8           the use and deployment of amounts made available under  
9           the program.

10          “(h) AUTHORIZATION OF APPROPRIATIONS.—There  
11          is authorized to be appropriated to carry out this section  
12          \$50,000,000 for each of fiscal years 2022 through 2026.”.

13          **SEC. 20107. MIDSIZE AND LARGE DRINKING WATER SYSTEM**  
14                                   **INFRASTRUCTURE RESILIENCE AND SUS-**  
15                                   **TAINABILITY PROGRAM.**

16          Part E of the Safe Drinking Water Act (42 U.S.C.  
17          300j et seq.) (as amended by section 20106) is amended  
18          by adding at the end the following:

19          **“SEC. 1459F. MIDSIZE AND LARGE DRINKING WATER SYS-**  
20                                   **TEM INFRASTRUCTURE RESILIENCE AND**  
21                                   **SUSTAINABILITY PROGRAM.**

22          “(a) DEFINITIONS.—In this section:

23                  “(1) ELIGIBLE ENTITY.—The term ‘eligible en-  
24                  tity’ means a public water system that serves a com-  
25                  munity with a population of 10,000 or more.

## 1331

1           “(2) NATURAL HAZARD; RESILIENCE.—The  
2 terms ‘resilience’ and ‘natural hazard’ have the  
3 meanings given those terms in section 1433(h).

4           “(3) RESILIENCE AND SUSTAINABILITY PRO-  
5 GRAM.—The term ‘resilience and sustainability pro-  
6 gram’ means the Midsize and Large Drinking Water  
7 System Infrastructure Resilience and Sustainability  
8 Program established under subsection (b).

9           “(b) ESTABLISHMENT.—The Administrator shall es-  
10 tablish and carry out a program, to be known as the  
11 ‘Midsize and Large Drinking Water System Infrastruc-  
12 ture Resilience and Sustainability Program’, under which  
13 the Administrator, subject to the availability of appropria-  
14 tions for the resilience and sustainability program, shall  
15 award grants to eligible entities for the purpose of—

16           “(1) increasing resilience to natural hazards  
17 and extreme weather events; and

18           “(2) reducing cybersecurity vulnerabilities.

19           “(c) USE OF FUNDS.—An eligible entity may only  
20 use grant funds received under the resilience and sustain-  
21 ability program to assist in the planning, design, construc-  
22 tion, implementation, operation, or maintenance of a pro-  
23 gram or project that increases resilience to natural haz-  
24 ards and extreme weather events, or reduces cybersecurity  
25 vulnerabilities, through—

1332

1           “(1) the conservation of water or the enhance-  
2           ment of water-use efficiency;

3           “(2) the modification or relocation of existing  
4           drinking water system infrastructure made, or that  
5           is at risk of being, significantly impaired by natural  
6           hazards or extreme weather events, including risks  
7           to drinking water from flooding;

8           “(3) the design or construction of new or modi-  
9           fied desalination facilities to serve existing commu-  
10          nities;

11          “(4) the enhancement of water supply through  
12          the use of watershed management and source water  
13          protection;

14          “(5) the enhancement of energy efficiency or  
15          the use and generation of renewable energy in the  
16          conveyance or treatment of drinking water;

17          “(6) the development and implementation of  
18          measures—

19                 “(A) to increase the resilience of the eligi-  
20                 ble entity to natural hazards and extreme  
21                 weather events; or

22                 “(B) to reduce cybersecurity  
23                 vulnerabilities;

1333

1           “(7) the conservation of water or the enhance-  
2           ment of a water supply through the implementation  
3           of water reuse measures; or

4           “(8) the formation of regional water partner-  
5           ships to collaboratively address documented water  
6           shortages.

7           “(d) APPLICATION.—To seek a grant under the resil-  
8           ience and sustainability program, an eligible entity shall  
9           submit to the Administrator an application at such time,  
10          in such manner, and containing such information as the  
11          Administrator may require, including—

12           “(1) a proposal of the program or project to be  
13           planned, designed, constructed, implemented, oper-  
14           ated, or maintained by the eligible entity;

15           “(2) an identification of the natural hazard  
16           risks, extreme weather events, or potential cyberse-  
17           curity vulnerabilities, as applicable, to be addressed  
18           by the proposed program or project;

19           “(3) documentation prepared by a Federal,  
20           State, regional, or local government agency of the  
21           natural hazard risk, potential cybersecurity vulner-  
22           ability, or risk for extreme weather events to the  
23           area where the proposed program or project is to be  
24           located;

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1           “(4) a description of any recent natural haz-  
2           ards, cybersecurity events, or extreme weather  
3           events that have affected the community water sys-  
4           tem of the eligible entity;

5           “(5) a description of how the proposed program  
6           or project would improve the performance of the  
7           community water system of the eligible entity under  
8           the anticipated natural hazards, cybersecurity  
9           vulnerabilities, or extreme weather events; and

10           “(6) an explanation of how the proposed pro-  
11           gram or project is expected—

12                   “(A) to enhance the resilience of the com-  
13                   munity water system of the eligible entity to the  
14                   anticipated natural hazards or extreme weather  
15                   events; or

16                   “(B) to reduce cybersecurity  
17                   vulnerabilities.

18           “(e) REPORT.—Not later than 2 years after the date  
19 of enactment of this section, the Administrator shall sub-  
20 mit to Congress a report that describes the implementa-  
21 tion of the resilience and sustainability program, which  
22 shall include a description of the use and deployment of  
23 amounts made available to carry out the resilience and  
24 sustainability program.

25           “(f) AUTHORIZATION OF APPROPRIATIONS.—

1335

1           “(1) IN GENERAL.—There is authorized to be  
2           appropriated to carry out the resilience and sustain-  
3           ability program \$50,000,000 for each of fiscal years  
4           2022 through 2026.

5           “(2) USE OF FUNDS.—Of the amounts made  
6           available under paragraph (1) for grants to eligible  
7           entities under the resilience and sustainability pro-  
8           gram—

9                   “(A) 50 percent shall be used to provide  
10                  grants to eligible entities that serve a popu-  
11                  lation of—

12                           “(i) equal to or greater than 10,000;

13                           and

14                           “(ii) fewer than 100,000; and

15                   “(B) 50 percent shall be used to provide  
16                  grants to eligible entities that serve a popu-  
17                  lation equal to or greater than 100,000.

18           “(3) ADMINISTRATIVE COSTS.—Of the amounts  
19           made available under paragraph (1), not more than  
20           2 percent may be used by the Administrator for the  
21           administrative costs of carrying out the resilience  
22           and sustainability program.”.

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1 **SEC. 20108. NEEDS ASSESSMENT FOR NATIONWIDE RURAL**  
2 **AND URBAN LOW-INCOME COMMUNITY**  
3 **WATER ASSISTANCE.**

4 (a) DEFINITIONS.—In this section and section  
5 20109:

6 (1) COMMUNITY WATER SYSTEM.—The term  
7 “community water system” has the meaning given  
8 the term in section 1401 of the Safe Drinking Water  
9 Act (42 U.S.C. 300f).

10 (2) LARGE WATER SERVICE PROVIDER.—The  
11 term “large water service provider” means a commu-  
12 nity water system, treatment works, or municipal  
13 separate storm sewer system that serves more than  
14 100,000 people.

15 (3) MEDIUM WATER SERVICE PROVIDER.—The  
16 term “medium water service provider” means a com-  
17 munity water system, treatment works, or municipal  
18 separate storm sewer system that serves more than  
19 10,000 people and not more than 100,000 people.

20 (4) NEED.—The term “need”, with respect to  
21 a qualifying household, means the expenditure of a  
22 disproportionate amount of household income on ac-  
23 cess to public drinking water or wastewater services.

24 (5) QUALIFYING HOUSEHOLD.—The term  
25 “qualifying household” means a household that—

26 (A) includes an individual who is—



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1 (i) the holder of an account for drink-  
2 ing water or wastewater service that is  
3 provided to that household by a large  
4 water service provider, a medium water  
5 service provider, or a rural water service  
6 provider; or

7 (ii) separately billed by a landlord  
8 that holds an account with a large water  
9 service provider, a medium water service  
10 provider, or a rural water service provider  
11 for the cost of drinking water or waste-  
12 water service provided to that household by  
13 the respective large water service provider,  
14 medium water service provider, or rural  
15 water service provider; and

16 (B) is determined—

17 (i) by a large water service provider,  
18 a medium water service provider, or a  
19 rural water service provider to be eligible  
20 for assistance through a low-income rate-  
21 payer assistance program;

22 (ii) by the Governor of the State in  
23 which the household is located to be low-  
24 income, based on the affordability criteria  
25 established by the State under section

1338

1 1452(d)(3) of the Safe Drinking Water  
2 Act (42 U.S.C. 300j-12(d)(3));

3 (iii) by the Administrator to experi-  
4 ence drinking water and wastewater service  
5 costs that exceed the metrics of afford-  
6 ability established in the most recent guid-  
7 ance of the Administrator entitled “Finan-  
8 cial Capability Assessment Guidance”; or

9 (iv) in the case of a household serv-  
10 iced by a rural water service provider, by  
11 the State in which the household is located  
12 to have an annual income that does not ex-  
13 ceed the greater of—

14 (I) an amount equal to 150 per-  
15 cent of the poverty level of that State;  
16 and

17 (II) an amount equal to 60 per-  
18 cent of the State median income for  
19 that State.

20 (6) RURAL WATER SERVICE PROVIDER.—The  
21 term “rural water service provider” means a com-  
22 munity water system, treatment works, or municipal  
23 separate storm sewer system that serves not more  
24 than 10,000 people.

1           (7) TREATMENT WORKS.—The term “treatment  
2           works” has the meaning given the term in section  
3           212 of the Federal Water Pollution Control Act (33  
4           U.S.C. 1292).

5           (b) STUDY; REPORT.—

6           (1) IN GENERAL.—The Administrator shall con-  
7           duct, and submit to Congress a report describing the  
8           results of, a study that examines the prevalence  
9           throughout the United States of municipalities, pub-  
10          lic entities, or Tribal governments that—

11                   (A) are serviced by rural water service pro-  
12                   viders, medium water service providers, or large  
13                   water service providers that service a dispropor-  
14                   tionate percentage, as determined by the Ad-  
15                   ministrator, of qualifying households with need;  
16                   or

17                   (B) as determined by the Administrator,  
18                   have taken on an unsustainable level of debt  
19                   due to customer nonpayment for the services  
20                   provided by a large water service provider, a  
21                   medium water service provider, or a rural water  
22                   service provider.

23           (2) AFFORDABILITY INCLUSIONS.—The report  
24           under paragraph (1) shall include—

1340

1 (A) a definition of the term “affordable ac-  
2 cess to water services”;

3 (B) a description of the criteria used in de-  
4 fining “affordable access to water services”  
5 under subparagraph (A);

6 (C) a definition of the term “lack of af-  
7 fordable access to water services”;

8 (D) a description of the methodology and  
9 criteria used in defining “lack of affordable ac-  
10 cess to water services” under subparagraph (C);

11 (E) a determination of the prevalence of a  
12 lack of affordable access to water services, as  
13 defined under subparagraph (C);

14 (F) the methodology and criteria used to  
15 determine the prevalence of a lack of affordable  
16 access to water services under subparagraph  
17 (E);

18 (G) any additional information with re-  
19 spect to the affordable access to water services,  
20 as defined under subparagraph (A), provided by  
21 rural water service providers, medium water  
22 service providers, and large water service pro-  
23 viders;

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1 (H) with respect to the development of the  
2 report, a consultation with all relevant stake-  
3 holders, including rural advocacy associations;

4 (I) recommendations of the Administrator  
5 regarding the best methods to reduce the preva-  
6 lence of a lack of affordable access to water  
7 services, as defined under subparagraph (C);  
8 and

9 (J) a description of the cost of each meth-  
10 od described in subparagraph (I).

11 (3) AGREEMENTS.—The Administrator may  
12 enter into an agreement with another Federal agen-  
13 cy to carry out the study under paragraph (1).

14 **SEC. 20109. RURAL AND LOW-INCOME WATER ASSISTANCE**  
15 **PILOT PROGRAM.**

16 (a) DEFINITIONS.—In this section:

17 (1) ELIGIBLE ENTITY.—The term “eligible enti-  
18 ty” means—

19 (A) a municipality, Tribal government, or  
20 other entity that—

21 (i) owns or operates a community  
22 water system, treatment works, or munic-  
23 ipal separate storm sewer system; or

24 (ii) as determined by the Adminis-  
25 trator, has taken on an unsustainable level

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1 of debt due to customer nonpayment for  
2 the services provided by a community  
3 water system, treatment works, or munic-  
4 ipal separate storm sewer system; and

5 (B) a State exercising primary enforce-  
6 ment responsibility over a rural water service  
7 provider under the Safe Drinking Water Act  
8 (42 U.S.C. 300f et seq.) or the Federal Water  
9 Pollution Control Act (33 U.S.C. 1251 et seq.),  
10 as applicable.

11 (2) PILOT PROGRAM.—The term “pilot pro-  
12 gram” means the pilot program established by the  
13 Administrator under subsection (b)(1).

14 (3) WATER SERVICES NEEDS ASSESSMENT.—  
15 The term “water services needs assessment” means  
16 the report required under section 20108(b)(1).

17 (b) ESTABLISHMENT.—

18 (1) IN GENERAL.—Not later than 2 years after  
19 the date of enactment of this Act, the Administrator  
20 shall establish a pilot program to award grants to el-  
21 igible entities to develop and implement programs to  
22 assist qualifying households with need in maintain-  
23 ing access to drinking water and wastewater treat-  
24 ment.

## 1343

1           (2) REQUIREMENT.—In establishing the pilot  
2 program, the Administrator shall ensure that data  
3 from the water services needs assessment directly  
4 contributes to the structure of the pilot program by  
5 informing the types of assistance and criteria used  
6 for priority consideration with the demonstrated  
7 need from the study conducted under section  
8 20108(b)(1) and the water services needs assess-  
9 ment.

10           (3) USE OF FUNDS LIMITATIONS.—A grant  
11 under the pilot program—

12                   (A) shall not be used to replace funds for  
13 any existing similar program; but

14                   (B) may be used to supplement or enhance  
15 an existing program, including a program that  
16 receives assistance from other Federal grants.

17           (4) TERM.—The term of a grant awarded  
18 under the pilot program shall be subject to the avail-  
19 ability of appropriations.

20           (5) TYPES OF ASSISTANCE.—In establishing the  
21 pilot program, the Administrator may include provi-  
22 sions for—

23                   (A) direct financial assistance;

24                   (B) a lifeline rate;

25                   (C) bill discounting;

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1 (D) special hardship provisions;

2 (E) a percentage-of-income payment plan;

3 or

4 (F) debt relief for the eligible entity or the  
5 community water system owned by the eligible  
6 entity for debt that is due to customer non-  
7 payment for the services provided by the eligible  
8 entity or the community water system that is  
9 determined by the Administrator to be in the  
10 interest of public health.

11 (6) REQUIREMENT.—The Administrator shall  
12 award not more than 40 grants under the pilot pro-  
13 gram, of which—

14 (A) not more than 8 shall be to eligible en-  
15 tities that own, operate, or exercise primary en-  
16 forcement responsibility over a rural water serv-  
17 ice provider under the Safe Drinking Water Act  
18 (42 U.S.C. 300f et seq.) or the Federal Water  
19 Pollution Control Act (33 U.S.C. 1251 et seq.),  
20 as applicable;

21 (B) not more than 8 shall be to eligible en-  
22 tities that own or operate a medium water serv-  
23 ice provider;

24 (C) not more than 8 shall be to eligible en-  
25 tities that own or operate a large water service



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1 provider that serves not more than 500,000  
2 people;

3 (D) not more than 8 shall be to eligible en-  
4 tities that own or operate a large water service  
5 provider that serves more than 500,000 people;  
6 and

7 (E) not more than 8 shall be to eligible en-  
8 tities that own or operate a community water  
9 system, treatment works, or municipal separate  
10 storm sewer system that services a disadvan-  
11 taged community (consistent with the afford-  
12 ability criteria established by the applicable  
13 State under section 1452(d)(3) of the Safe  
14 Drinking Water Act (42 U.S.C. 300j-12(d)(3))  
15 or section 603(i)(2) of the Federal Water Pollu-  
16 tion Control Act (33 U.S.C. 1383(i)(2)), as ap-  
17 plicable).

18 (7) CRITERIA.—In addition to any priority cri-  
19 teria established by the Administrator in response to  
20 the findings in the water services needs assessment,  
21 in awarding grants under the pilot program, the Ad-  
22 ministrator shall give priority consideration to eligi-  
23 ble entities that—

24 (A) serve a disproportionate percentage, as  
25 determined by the Administrator, of qualifying

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1 households with need, as identified in the water  
2 services needs assessment;

3 (B) are subject to State or Federal en-  
4 forcement actions relating to compliance with  
5 the Federal Water Pollution Control Act (33  
6 U.S.C. 1251 et seq.) or the Safe Drinking  
7 Water Act (42 U.S.C. 300f et seq.); or

8 (C) maintain or participate in an existing  
9 community assistance program with objectives  
10 similar to the objectives of the pilot program, as  
11 determined by the Administrator.

12 (8) REPORTING REQUIREMENTS.—

13 (A) IN GENERAL.—In addition to any  
14 other applicable Federal or agency-specific  
15 grant reporting requirements, as a condition of  
16 receiving a grant under the pilot program, an  
17 eligible entity (or a State, on behalf of an eligi-  
18 ble entity) shall submit to the Administrator an  
19 annual report that summarizes, in a manner de-  
20 termined by the Administrator, the use of grant  
21 funds by the eligible entity, including—

22 (i) key features of the assistance pro-  
23 vided by the eligible entity;

24 (ii) sources of funding used to supple-  
25 ment Federal funds; and

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1 (iii) eligibility criteria.

2 (B) PUBLICATION.—The Administrator  
3 shall publish each report submitted under sub-  
4 paragraph (A).

5 (c) TECHNICAL ASSISTANCE.—The Administrator  
6 shall provide technical assistance to each eligible entity,  
7 and each State, on behalf of an eligible entity, that re-  
8 ceives a grant under the pilot program to support imple-  
9 mentation of the program.

10 (d) REPORT.—Not later than 2 years after the date  
11 on which grant funds are first disbursed to an eligible enti-  
12 ty (or a State, on behalf of an eligible entity) under the  
13 program, and every year thereafter for the duration of the  
14 terms of the grants, the Administrator shall submit to  
15 Congress a report on the results of the pilot program.

16 **SEC. 20110. LEAD CONTAMINATION IN SCHOOL DRINKING**  
17 **WATER.**

18 Section 1464 of the Safe Drinking Water Act (42  
19 U.S.C. 300j–24) is amended—

20 (1) in subsection (b)—

21 (A) in the first sentence, by inserting  
22 “public water systems and” after “to assist”;  
23 and

24 (B) in the third sentence, by inserting  
25 “public water systems,” after “schools,”; and

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1 (2) in subsection (d)—

2 (A) in the subsection heading, by inserting  
3 “AND REDUCTION” after “LEAD TESTING”;

4 (B) in paragraph (2)—

5 (i) in subparagraph (A), by striking  
6 “the Administrator” and all that follows  
7 through the period at the end and insert-  
8 ing the following: “the Administrator shall  
9 establish a voluntary school and child care  
10 program lead testing, compliance moni-  
11 toring, and lead reduction grant program  
12 to make grants available to—

13 “(i) States to assist local educational  
14 agencies, public water systems that serve  
15 schools and child care programs under the  
16 jurisdiction of those local educational agen-  
17 cies, and qualified nonprofit organizations  
18 in voluntary testing or compliance moni-  
19 toring for and remediation of lead contami-  
20 nation in drinking water at schools and  
21 child care programs under the jurisdiction  
22 of those local educational agencies; and

23 “(ii) tribal consortia to assist tribal  
24 education agencies (as defined in section 3  
25 of the National Environmental Education

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1 Act (20 U.S.C. 5502)), public water sys-  
2 tems that serve schools and child care pro-  
3 grams under the jurisdiction of those tribal  
4 education agencies, and qualified nonprofit  
5 organizations in voluntary testing or com-  
6 pliance monitoring for and remediation of  
7 lead contamination in drinking water at  
8 schools and child care programs under the  
9 jurisdiction of those tribal education agen-  
10 cies.”; and

11 (ii) in subparagraph (B)—

12 (I) in the matter preceding clause  
13 (i), by inserting “or compliance moni-  
14 toring for or remediation of lead con-  
15 tamination” after “voluntary testing”;

16 (II) in clause (i), by striking “or”  
17 at the end;

18 (III) in clause (ii), by striking  
19 the period at the end and inserting a  
20 semicolon; and

21 (IV) by adding at the end the fol-  
22 lowing:

23 “(iii) any public water system that is  
24 located in a State that does not participate

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1 in the voluntary grant program established  
2 under subparagraph (A) that—

3 “(I) assists schools or child care  
4 programs in lead testing;

5 “(II) assists schools or child care  
6 programs with compliance monitoring;

7 “(III) assists schools with car-  
8 rying out projects to remediate lead  
9 contamination in drinking water; or

10 “(IV) provides technical assist-  
11 ance to schools or child care programs  
12 in carrying out lead testing; or

13 “(iv) a qualified nonprofit organiza-  
14 tion, as determined by the Administrator.”;

15 (C) in paragraphs (3), (5), (6), and (7), by  
16 striking “State or local educational agency”  
17 each place it appears and inserting “State, local  
18 educational agency, public water system, tribal  
19 consortium, or qualified nonprofit organiza-  
20 tion”;

21 (D) in paragraph (4)—

22 (i) by striking “States and local edu-  
23 cational agencies” and inserting “States,  
24 local educational agencies, public water

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1 systems, tribal consortia, and qualified  
2 nonprofit organizations”; and

3 (ii) by inserting “or the remediation  
4 of” after “testing for”;

5 (E) in paragraph (6)—

6 (i) in the matter preceding subpara-  
7 graph (A)—

8 (I) by striking “State or local  
9 educational agency” and inserting  
10 “State, local educational agency, pub-  
11 lic water system, tribal consortium, or  
12 qualified nonprofit agency”; and

13 (II) by inserting “, public water  
14 system, tribal consortium, or qualified  
15 nonprofit organization” after “each  
16 local educational agency”;

17 (ii) in subparagraph (A)(ii)—

18 (I) by inserting “or tribal” after  
19 “applicable State”; and

20 (II) by striking “reducing lead”  
21 and inserting “voluntary testing or  
22 compliance monitoring for and reme-  
23 diation of lead contamination”; and

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1 (iii) in subparagraph (B)(i), by insert-  
2 ing “applicable” before “local educational  
3 agency”;

4 (F) in paragraph (7), by striking “testing  
5 for” and inserting “testing or compliance moni-  
6 toring for or remediation of”; and

7 (G) by striking paragraph (8) and insert-  
8 ing the following:

9 “(8) AUTHORIZATION OF APPROPRIATIONS.—

10 There are authorized to be appropriated to carry out  
11 this subsection—

12 “(A) \$30,000,000 for fiscal year 2022;

13 “(B) \$35,000,000 for fiscal year 2023;

14 “(C) \$40,000,000 for fiscal year 2024;

15 “(D) \$45,000,000 for fiscal year 2025;

16 and

17 “(E) \$50,000,000 for fiscal year 2026.”.

18 **SEC. 20111. INDIAN RESERVATION DRINKING WATER PRO-**

19 **GRAM.**

20 Section 2001 of the America’s Water Infrastructure  
21 Act of 2018 (42 U.S.C. 300j–3c note; Public Law 115–  
22 270) is amended—

23 (1) in subsection (a)—

24 (A) in the matter preceding paragraph (1),  
25 by striking “Subject to the availability of appro-



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1           priations, the Administrator of the Environ-  
2           mental Protection Agency” and inserting “The  
3           Administrator of the Environmental Protection  
4           Agency (referred to in this section as the ‘Ad-  
5           ministrator’)”; and

6                   (B) by striking “to implement” in the mat-  
7           ter preceding paragraph (1) and all that follows  
8           through the period at the end of paragraph (2)  
9           and inserting “to implement eligible projects  
10          described in subsection (b).”;

11          (2) in subsection (b), by striking paragraph (2)  
12          and inserting the following:

13                   “(2) that will—

14                           “(A) improve water quality, water pres-  
15                           sure, or water services through means such as  
16                           connecting to, expanding, repairing, improving,  
17                           or obtaining water from a public water system  
18                           (as defined in section 1401 of the Safe Drink-  
19                           ing Water Act (42 U.S.C. 300f)); or

20                           “(B) improve water quality or sanitation  
21                           or wastewater services at a treatment works (as  
22                           defined in section 212 of the Federal Water  
23                           Pollution Control Act (33 U.S.C. 1292)).”;

24          (3) by redesignating subsection (d) as sub-  
25          section (g);

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1 (4) by striking subsection (c) and inserting the  
2 following:

3 “(c) REQUIRED PROJECTS.—

4 “(1) IN GENERAL.—If sufficient projects exist,  
5 of the funds made available to carry out this section,  
6 the Administrator shall use 50 percent to carry  
7 out—

8 “(A) 10 eligible projects described in sub-  
9 section (b) that are within the Upper Missouri  
10 River Basin;

11 “(B) 10 eligible projects described in sub-  
12 section (b) that are within the Upper Rio  
13 Grande Basin;

14 “(C) 10 eligible projects described in sub-  
15 section (b) that are within the Columbia River  
16 Basin;

17 “(D) 10 eligible projects described in sub-  
18 section (b) that are within the Lower Colorado  
19 River Basin; and

20 “(E) 10 eligible projects described in sub-  
21 section (b) that are within the Arkansas-White-  
22 Red River Basin.

23 “(2) REQUIREMENT.—In carrying out para-  
24 graph (1)(A), the Administrator shall select not  
25 fewer than 2 eligible projects for a reservation that

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1 serves more than 1 federally recognized Indian  
2 Tribe.

3 “(d) PRIORITY.—In selecting projects to carry out  
4 under this section, the Administrator shall give priority  
5 to projects that—

6 “(1) respond to emergency situations occurring  
7 due to or resulting in a lack of access to clean drink-  
8 ing water that threatens the health of Tribal popu-  
9 lations;

10 “(2) would serve a Tribal population that would  
11 qualify as a disadvantaged community based on the  
12 affordability criteria established by the applicable  
13 State under section 1452(d)(3) of the Safe Drinking  
14 Water Act (42 U.S.C. 300j–12(d)(3)); or

15 “(3) would address the underlying factors con-  
16 tributing to—

17 “(A) an enforcement action commenced  
18 pursuant to the Safe Drinking Water Act (42  
19 U.S.C. 300f et seq.) against the applicable pub-  
20 lic water system (as defined in section 1401 of  
21 that Act (42 U.S.C. 300f)) as of the date of en-  
22 actment of this subparagraph; or

23 “(B) an enforcement action commenced  
24 pursuant to the Federal Water Pollution Con-  
25 trol Act (33 U.S.C. 1251 et seq.) against the

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1 applicable treatment works (as defined in sec-  
2 tion 212 of that Act (33 U.S.C. 1292)) as of  
3 the date of enactment of this subparagraph.

4 “(e) FEDERAL SHARE.—The Federal share of the  
5 cost of a project carried out under this section shall be  
6 100 percent.

7 “(f) REPORT.—Not later than 2 years after the date  
8 of enactment of this subsection, the Administrator shall  
9 submit to Congress a report that describes the implemen-  
10 tation of the program established under subsection (a),  
11 which shall include a description of the use and deploy-  
12 ment of amounts made available under that program.”;  
13 and

14 (5) in subsection (g) (as so redesignated)—

15 (A) by striking “There is” and inserting  
16 “There are”;

17 (B) by striking “subsection (a)  
18 \$20,000,000” and inserting the following: “sub-  
19 section (a)—

20 “(1) \$20,000,000”;

21 (C) in paragraph (1) (as so designated), by  
22 striking “2022.” and inserting “2021; and”;  
23 and

24 (D) by adding at the end the following:

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1           “(2) \$50,000,000 for each of fiscal years 2022  
2           through 2026.”.

3 **SEC. 20112. ADVANCED DRINKING WATER TECHNOLOGIES.**

4           Part E of the Safe Drinking Water Act (42 U.S.C.  
5 300j et seq.) (as amended by section 20107) is amended  
6 by adding at the end the following:

7 **“SEC. 1459G. ADVANCED DRINKING WATER TECHNOLOGIES.**

8           “(a) STUDY.—

9           “(1) IN GENERAL.—Subject to the availability  
10 of appropriations, not later than 1 year after the  
11 date of enactment of this section, the Administrator  
12 shall carry out a study that examines the state of  
13 existing and potential future technology, including  
14 technology that could address cybersecurity  
15 vulnerabilities, that enhances or could enhance the  
16 treatment, monitoring, affordability, efficiency, and  
17 safety of drinking water provided by a public water  
18 system.

19           “(2) REPORT.—The Administrator shall submit  
20 to the Committee on Environment and Public Works  
21 of the Senate and the Committee on Energy and  
22 Commerce of the House of Representatives a report  
23 that describes the results of the study under para-  
24 graph (1).

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1           “(b) ADVANCED DRINKING WATER TECHNOLOGY  
2 GRANT PROGRAM.—

3           “(1) DEFINITIONS.—In this subsection:

4                   “(A) ELIGIBLE ENTITY.—The term ‘eligi-  
5 ble entity’ means the owner or operator of a  
6 public water system that—

7                           “(i) serves—

8                                   “(I) a population of not more  
9 than 100,000 people; or

10                                   “(II) a community described in  
11 section 1459A(c)(2);

12                           “(ii) has plans to identify or has iden-  
13 tified opportunities in the operations of the  
14 public water system to employ new, exist-  
15 ing, or emerging, yet proven, technologies,  
16 including technology that could address cy-  
17 bersecurity vulnerabilities, as determined  
18 by the Administrator, that enhance treat-  
19 ment, monitoring, affordability, efficiency,  
20 or safety of the drinking water provided by  
21 the public water system, including tech-  
22 nologies not identified in the study con-  
23 ducted under subsection (a)(1); and

24                           “(iii) has expressed an interest in the  
25 opportunities in the operation of the public

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1 water system to employ new, existing, or  
2 emerging, yet proven, technologies, includ-  
3 ing technology that could address cyberse-  
4 curity vulnerabilities, as determined by the  
5 Administrator, that enhance treatment,  
6 monitoring, affordability, efficiency, or  
7 safety of the drinking water provided by  
8 the public water system, including tech-  
9 nologies not identified in the study con-  
10 ducted under subsection (a)(1).

11 “(B) PROGRAM.—The term ‘program’  
12 means the competitive grant program estab-  
13 lished under paragraph (2).

14 “(C) UNDERSERVED COMMUNITY.—The  
15 term ‘underserved community’ means a political  
16 subdivision of a State that, as determined by  
17 the Administrator, has an inadequate system  
18 for obtaining drinking water.

19 “(2) ESTABLISHMENT.—The Administrator  
20 shall establish a competitive grant program under  
21 which the Administrator shall award grants to eligi-  
22 ble entities for the purpose of identifying, deploying,  
23 or identifying and deploying technologies described  
24 in paragraph (1)(A)(ii).

25 “(3) REQUIREMENTS.—

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1           “(A) APPLICATIONS.—To be eligible to re-  
2           ceive a grant under the program, an eligible en-  
3           tity shall submit to the Administrator an appli-  
4           cation at such time, in such manner, and con-  
5           taining such information as the Administrator  
6           may require.

7           “(B) FEDERAL SHARE.—

8           “(i) IN GENERAL.—Subject to clause  
9           (ii), the Federal share of the cost of a  
10          project carried out using a grant under the  
11          program shall not exceed 90 percent of the  
12          total cost of the project.

13          “(ii) WAIVER.—The Administrator  
14          may increase the Federal share under  
15          clause (i) to 100 percent if the Adminis-  
16          trator determines that an eligible entity is  
17          unable to pay, or would experience signifi-  
18          cant financial hardship if required to pay,  
19          the non-Federal share.

20          “(4) REPORT.—Not later than 2 years after the  
21          date on which the Administrator first awards a  
22          grant under the program, and annually thereafter,  
23          the Administrator shall submit to Congress a report  
24          describing—



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1           “(A) each recipient of a grant under the  
2 program during the previous 1-year period; and

3           “(B) a summary of the activities carried  
4 out using grants awarded under the program.

5           “(5) FUNDING.—

6           “(A) AUTHORIZATION OF APPROPRIA-  
7 TIONS.—There is authorized to be appropriated  
8 to carry out the program \$10,000,000 for each  
9 of fiscal years 2022 through 2026, to remain  
10 available until expended.

11           “(B) ADMINISTRATIVE COSTS.—Not more  
12 than 2 percent of the amount made available  
13 for a fiscal year under subparagraph (A) to  
14 carry out the program may be used by the Ad-  
15 ministrator for the administrative costs of car-  
16 rying out the program.”.

17 **SEC. 20113. CYBERSECURITY SUPPORT FOR PUBLIC WATER**  
18 **SYSTEMS.**

19           Part B of the Safe Drinking Water Act (42 U.S.C.  
20 300g et seq.) is amended by adding at the end the fol-  
21 lowing:

22 **“SEC. 1420A. CYBERSECURITY SUPPORT FOR PUBLIC**  
23 **WATER SYSTEMS.**

24           “(a) DEFINITIONS.—In this section:

1           “(1) APPROPRIATE CONGRESSIONAL COMMIT-  
2           TEES.—The term ‘appropriate Congressional com-  
3           mittees’ means—

4                   “(A) the Committee on Environment and  
5           Public Works of the Senate;

6                   “(B) the Committee on Homeland Security  
7           and Governmental Affairs of the Senate;

8                   “(C) the Committee on Energy and Com-  
9           merce of the House of Representatives; and

10                   “(D) the Committee on Homeland Security  
11           of the House of Representatives.

12           “(2) DIRECTOR.—The term ‘Director’ means  
13           the Director of the Cybersecurity and Infrastructure  
14           Security Agency.

15           “(3) INCIDENT.—The term ‘incident’ has the  
16           meaning given the term in section 3552 of title 44,  
17           United States Code.

18           “(4) PRIORITIZATION FRAMEWORK.—The term  
19           ‘Prioritization Framework’ means the prioritization  
20           framework developed by the Administrator under  
21           subsection (b)(1)(A).

22           “(5) SUPPORT PLAN.—The term ‘Support Plan’  
23           means the Technical Cybersecurity Support Plan de-  
24           veloped by the Administrator under subsection  
25           (b)(2)(A).

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1 “(b) IDENTIFICATION OF AND SUPPORT FOR PUBLIC  
2 WATER SYSTEMS.—

3 “(1) PRIORITIZATION FRAMEWORK.—

4 “(A) IN GENERAL.—Not later than 180  
5 days after the date of enactment of this section,  
6 the Administrator, in coordination with the Di-  
7 rector, shall develop a prioritization framework  
8 to identify public water systems (including  
9 sources of water for those public water systems)  
10 that, if degraded or rendered inoperable due to  
11 an incident, would lead to significant impacts  
12 on the health and safety of the public.

13 “(B) CONSIDERATIONS.—In developing the  
14 Prioritization Framework, to the extent prac-  
15 ticable, the Administrator shall incorporate con-  
16 sideration of—

17 “(i) whether cybersecurity  
18 vulnerabilities for a public water system  
19 have been identified under section 1433;

20 “(ii) the capacity of a public water  
21 system to remediate a cybersecurity vulner-  
22 ability without additional Federal support;

23 “(iii) whether a public water system  
24 serves a defense installation or critical na-  
25 tional security asset; and

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1 “(iv) whether a public water system, if  
2 degraded or rendered inoperable due to an  
3 incident, would cause a cascading failure of  
4 other critical infrastructure.

5 “(2) TECHNICAL CYBERSECURITY SUPPORT  
6 PLAN.—

7 “(A) IN GENERAL.—Not later than 270  
8 days after the date of enactment of this section,  
9 the Administrator, in coordination with the Di-  
10 rector and using existing authorities of the Ad-  
11 ministrator and the Director for providing vol-  
12 untary support to public water systems and the  
13 Prioritization Framework, shall develop a Tech-  
14 nical Cybersecurity Support Plan for public  
15 water systems.

16 “(B) REQUIREMENTS.—The Support  
17 Plan—

18 “(i) shall establish a methodology for  
19 identifying specific public water systems  
20 for which cybersecurity support should be  
21 prioritized;

22 “(ii) shall establish timelines for mak-  
23 ing voluntary technical support for cyber-  
24 security available to specific public water  
25 systems;

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1           “(iii) may include public water sys-  
2           tems identified by the Administrator, in co-  
3           ordination with the Director, as needing  
4           technical support for cybersecurity;

5           “(iv) shall include specific capabilities  
6           of the Administrator and the Director that  
7           may be utilized to provide support to pub-  
8           lic water systems under the Support Plan,  
9           including—

10                   “(I) site vulnerability and risk  
11                   assessments;

12                   “(II) penetration tests; and

13                   “(III) any additional support de-  
14                   termined to be appropriate by the Ad-  
15                   ministrator; and

16           “(v) shall only include plans for pro-  
17           viding voluntary support to public water  
18           systems.

19           “(3) CONSULTATION REQUIRED.—In developing  
20           the Prioritization Framework pursuant to paragraph  
21           (1) and the Support Plan pursuant to paragraph  
22           (2), the Administrator shall consult with such Fed-  
23           eral or non-Federal entities as determined to be ap-  
24           propriate by the Administrator.

25           “(4) REPORTS REQUIRED.—

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1           “(A) **PRIORITIZATION FRAMEWORK.**—Not  
2 later than 190 days after the date of enactment  
3 of this section, the Administrator shall submit  
4 to the appropriate Congressional committees a  
5 report describing the Prioritization Framework.

6           “(B) **TECHNICAL CYBERSECURITY SUP-**  
7 **PORT PLAN.**—Not later than 280 days after the  
8 date of enactment of this section, the Adminis-  
9 trator shall submit to the appropriate Congres-  
10 sional committees—

11                   “(i) the Support Plan; and

12                   “(ii) a list describing any public water  
13 systems identified by the Administrator, in  
14 coordination with the Director, as needing  
15 technical support for cybersecurity during  
16 the development of the Support Plan.

17           “(c) **RULES OF CONSTRUCTION.**—Nothing in this  
18 section—

19                   “(1) alters the existing authorities of the Ad-  
20 ministrator; or

21                   “(2) compels a public water system to accept  
22 technical support offered by the Administrator.”.

23 **SEC. 20114. STATE RESPONSE TO CONTAMINANTS.**

24           Section 1459A(j)(1) of the Safe Drinking Water Act  
25 (42 U.S.C. 300j–19a(j)(1)) is amended—

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1 (1) in the matter preceding subparagraph (A),  
2 by striking “an underserved community” and insert-  
3 ing “a community described in subsection (c)(2)”;  
4 and

5 (2) in subparagraph (A)(i), by striking “such  
6 underserved” and inserting “that”.

7 **SEC. 20115. ANNUAL STUDY ON BOIL WATER ADVISORIES.**

8 (a) IN GENERAL.—Not later than 1 year after the  
9 date of enactment of this Act, and annually thereafter,  
10 the Administrator shall conduct a study on the prevalence  
11 of boil water advisories issued in the United States.

12 (b) REPORT.—

13 (1) IN GENERAL.—The Administrator shall  
14 submit to Congress a report describing the results of  
15 the most recent study conducted under subsection  
16 (a) as part of the annual budget request transmitted  
17 to Congress under section 1105(a) of title 31,  
18 United States Code.

19 (2) REQUIREMENT.—In the annual report re-  
20 quired under paragraph (1), the Administrator shall  
21 include a description of the reasons for which boil  
22 water advisories were issued during the year covered  
23 by the report.

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**1 TITLE II—CLEAN WATER****2 SEC. 20201. RESEARCH, INVESTIGATIONS, TRAINING, AND**  
**3 INFORMATION.**

4 (a) REAUTHORIZATION.—Section 104(u) of the Fed-  
5 eral Water Pollution Control Act (33 U.S.C. 1254(u)) is  
6 amended—

7 (1) by striking “and (7)” and inserting “(7)”;

8 and

9 (2) in paragraph (7)—

10 (A) by striking “2023” and inserting  
11 “2021”; and

12 (B) by striking the period at the end and  
13 inserting “; and (8) not to exceed \$75,000,000  
14 for each of fiscal years 2022 through 2026 for  
15 carrying out subsections (b)(3), (b)(8), and (g),  
16 of which not less than \$50,000,000 each fiscal  
17 year shall be used to carry out subsection  
18 (b)(8).”.

19 (b) COMMUNICATION.—Each nonprofit organization  
20 that receives funding under paragraph (8) of section  
21 104(b) of the Federal Water Pollution Control Act (33  
22 U.S.C. 1254(b)) shall, before using that funding to under-  
23 take activities to carry out that paragraph, consult with  
24 the State in which the assistance is to be expended or oth-  
25 erwise made available.



1 (c) REPORT.—Not later than 2 years after the date  
2 of enactment of this Act, the Administrator shall submit  
3 to Congress a report that describes the implementation of  
4 the grants authorized under subsections (b)(3), (b)(8),  
5 and (g) of section 104 of the Federal Water Pollution Con-  
6 trol Act (33 U.S.C. 1254), which shall include a descrip-  
7 tion of the grant recipients and grant amounts made avail-  
8 able to carry out those subsections.

9 **SEC. 20202. WASTEWATER EFFICIENCY GRANT PILOT PRO-**  
10 **GRAM.**

11 Title II of the Federal Water Pollution Control Act  
12 (33 U.S.C. 1281 et seq.) is amended by adding at the end  
13 the following:

14 **“SEC. 222. WASTEWATER EFFICIENCY GRANT PILOT PRO-**  
15 **GRAM.**

16 “(a) ESTABLISHMENT.—Subject to the availability of  
17 appropriations, the Administrator shall establish a waste-  
18 water efficiency grant pilot program (referred to in this  
19 section as the ‘pilot program’) to award grants to owners  
20 or operators of publicly owned treatment works to carry  
21 out projects that create or improve waste-to-energy sys-  
22 tems.

23 “(b) SELECTION.—

24 “(1) APPLICATIONS.—To be eligible to receive a  
25 grant under the pilot program, an owner or operator

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1 of a treatment works shall submit to the Adminis-  
2 trator an application at such time, in such manner,  
3 and containing such information as the Adminis-  
4 trator may require.

5 “(2) NUMBER OF RECIPIENTS.—The Adminis-  
6 trator shall select not more than 15 recipients of  
7 grants under the pilot program from applications  
8 submitted under paragraph (1).

9 “(c) USE OF FUNDS.—

10 “(1) IN GENERAL.—Subject to paragraph (2), a  
11 recipient of a grant under the pilot program may use  
12 grant funds for—

13 “(A) sludge collection;

14 “(B) installation of anaerobic digesters;

15 “(C) methane capture;

16 “(D) methane transfer;

17 “(E) facility upgrades and retrofits nec-  
18 essary to create or improve waste-to-energy sys-  
19 tems; and

20 “(F) other new and emerging, but proven,  
21 technologies that transform waste to energy.

22 “(2) LIMITATION.—A grant to a recipient  
23 under the pilot program shall be not more than  
24 \$4,000,000.

25 “(d) REPORTS.—

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1           “(1) REPORT TO THE ADMINISTRATOR.—Not  
2 later than 2 years after receiving a grant under the  
3 pilot program and each year thereafter for which  
4 amounts are made available for the pilot program  
5 under subsection (e), the recipient of the grant shall  
6 submit to the Administrator a report describing the  
7 impact of that project on the communities within 3  
8 miles of the treatment works.

9           “(2) REPORT TO CONGRESS.—Not later than 1  
10 year after first awarding grants under the pilot pro-  
11 gram and each year thereafter for which amounts  
12 are made available for the pilot program under sub-  
13 section (e), the Administrator shall submit to Con-  
14 gress a report describing—

15           “(A) the applications received by the Ad-  
16 ministrator for grants under the pilot program;  
17 and

18           “(B) the projects for which grants were  
19 awarded under the pilot program.

20           “(e) AUTHORIZATION OF APPROPRIATIONS.—

21           “(1) IN GENERAL.—There is authorized to be  
22 appropriated to carry out the pilot program  
23 \$20,000,000 for each of fiscal years 2022 through  
24 2026, to remain available until expended.

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1           “(2) LIMITATION ON USE OF FUNDS.—Of the  
2           amounts made available for grants under paragraph  
3           (1), not more than 2 percent may be used to pay the  
4           administrative costs of the Administrator.”.

5 **SEC. 20203. PILOT PROGRAM FOR ALTERNATIVE WATER**  
6           **SOURCE PROJECTS.**

7           Section 220 of the Federal Water Pollution Control  
8 Act (33 U.S.C. 1300) is amended—

9           (1) in subsection (b), in the heading, by strik-  
10          ing “IN GENERAL” and inserting “ESTABLISH-  
11          MENT”;

12          (2) in subsection (d)—

13                 (A) in paragraph (1), by inserting “con-  
14                 struction” before “funds”;

15                 (B) by striking paragraph (2); and

16                 (C) by redesignating paragraph (3) as  
17                 paragraph (2);

18          (3) by striking subsection (e);

19          (4) in subsection (i)—

20                 (A) in the matter preceding paragraph (1),  
21                 by striking “, the following definitions apply”;

22                 and

23                 (B) in paragraph (1), in the first sentence,  
24                 by striking “water or wastewater or by treating  
25                 wastewater” and inserting “water, wastewater,

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1 or stormwater or by treating wastewater or  
2 stormwater for groundwater recharge, potable  
3 reuse, or other purposes”;

4 (5) in subsection (j)—

5 (A) in the first sentence, by striking  
6 “There is” and inserting the following:

7 “(1) IN GENERAL.—There is”;

8 (B) in paragraph (1) (as so designated), by  
9 striking “a total of \$75,000,000 for fiscal years  
10 2002 through 2004. Such sums shall” and in-  
11 serting “\$25,000,000 for each of fiscal years  
12 2022 through 2026, to”; and

13 (C) by adding at the end the following:

14 “(2) LIMITATION ON USE OF FUNDS.—Of the  
15 amounts made available for grants under paragraph  
16 (1), not more than 2 percent may be used to pay the  
17 administrative costs of the Administrator.”; and

18 (6) by redesignating subsections (b), (c), (d),  
19 (i), and (j) as subsections (c), (d), (e), (b), and (i),  
20 respectively, and moving those subsections so as to  
21 appear in alphabetical order.

22 **SEC. 20204. SEWER OVERFLOW AND STORMWATER REUSE**  
23 **MUNICIPAL GRANTS.**

24 Section 221 of the Federal Water Pollution Control  
25 Act (33 U.S.C. 1301) is amended—

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1 (1) in subsection (a)(1) —

2 (A) in subparagraph (A), by striking  
3 “and” at the end;

4 (B) by redesignating subparagraph (B) as  
5 subparagraph (C); and

6 (C) by inserting after subparagraph (A)  
7 the following:

8 “(B) notification systems to inform the  
9 public of combined sewer or sanitary overflows  
10 that result in sewage being released into rivers  
11 and other waters; and”;

12 (2) in subsection (d)—

13 (A) in the second sentence, by striking  
14 “The non-Federal share of the cost” and insert-  
15 ing the following:

16 “(3) TYPES OF NON-FEDERAL SHARE.—The  
17 applicable non-Federal share of the cost under this  
18 subsection”;

19 (B) in the first sentence, by striking “The  
20 Federal” and inserting the following:

21 “(1) IN GENERAL.—The Federal”; and

22 (C) by inserting after paragraph (1) (as so  
23 designated) the following:

24 “(2) RURAL AND FINANCIALLY DISTRESSED  
25 COMMUNITIES.—To the maximum extent practicable,

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1 the Administrator shall work with States to prevent  
2 the non-Federal share requirements under this sub-  
3 section from being passed on to rural communities  
4 and financially distressed communities (as those  
5 terms are defined in subsection (f)(2)(B)(i)).”;

6 (3) in subsection (f)—

7 (A) by striking paragraph (1) and insert-  
8 ing the following:

9 “(1) IN GENERAL.—There is authorized to be  
10 appropriated to carry out this section \$280,000,000  
11 for each of fiscal years 2022 through 2026.”; and

12 (B) in paragraph (2)—

13 (i) by striking “To the extent” and in-  
14 serting the following:

15 “(A) GREEN PROJECTS.—To the extent”;

16 and

17 (ii) by adding at the end the fol-  
18 lowing:

19 “(B) RURAL OR FINANCIALLY DISTRESSED  
20 COMMUNITY ALLOCATION.—

21 “(i) DEFINITIONS.—In this subpara-  
22 graph:

23 “(I) FINANCIALLY DISTRESSED  
24 COMMUNITY.—The term ‘financially  
25 distressed community’ has the mean-

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1 ing given the term in subsection  
2 (c)(1).

3 “(II) RURAL COMMUNITY.—The  
4 term ‘rural community’ means a city,  
5 town, or unincorporated area that has  
6 a population of not more than 10,000  
7 inhabitants.

8 “(ii) ALLOCATION.—

9 “(I) IN GENERAL.—To the extent  
10 there are sufficient eligible project ap-  
11 plications, the Administrator shall en-  
12 sure that a State uses not less than  
13 25 percent of the amount of the  
14 grants made to the State under sub-  
15 section (a) in a fiscal year to carry  
16 out projects in rural communities or  
17 financially distressed communities for  
18 the purpose of planning, design, and  
19 construction of—

20 “(aa) treatment works to  
21 intercept, transport, control,  
22 treat, or reuse municipal sewer  
23 overflows, sanitary sewer over-  
24 flows, or stormwater; or





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1 (C) in paragraph (1)(A) (as so des-  
2 ignated)—

3 (i) by striking the period at the end  
4 and inserting “; and”;

5 (ii) by striking “containing rec-  
6 ommended” and inserting the following:

7 “containing—

8 “(i) recommended”; and

9 (iii) by adding at the end the fol-  
10 lowing:

11 “(ii) a description of the extent to  
12 which States pass costs associated with the  
13 non-Federal share requirements under sub-  
14 section (d) to local communities, with a  
15 focus on rural communities and financially  
16 distressed communities (as those terms are  
17 defined in subsection (f)(2)(B)(i)).”; and

18 (D) by adding at the end the following:

19 “(2) USE OF FUNDS.—Not later than 2 years  
20 after the date of enactment of this paragraph, the  
21 Administrator shall submit to the Committee on En-  
22 vironment and Public Works of the Senate and the  
23 Committee on Transportation and Infrastructure of  
24 the House of Representatives a report that describes  
25 the implementation of the grant program under this

1 section, which shall include a description of the  
2 grant recipients, sources of funds for non-Federal  
3 share requirements under subsection (d), and grant  
4 amounts made available under the program.”.

5 **SEC. 20205. CLEAN WATER INFRASTRUCTURE RESILIENCY**  
6 **AND SUSTAINABILITY PROGRAM.**

7 Title II of the Federal Water Pollution Control Act  
8 (33 U.S.C. 1281 et seq.) (as amended by section 20202)  
9 is amended by adding at the end the following:

10 **“SEC. 223. CLEAN WATER INFRASTRUCTURE RESILIENCY**  
11 **AND SUSTAINABILITY PROGRAM.**

12 “(a) DEFINITIONS.—In this section:

13 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-  
14 tity’ means—

15 “(A) a municipality; or

16 “(B) an intermunicipal, interstate, or State  
17 agency.

18 “(2) NATURAL HAZARD.—The term ‘natural  
19 hazard’ means a hazard caused by natural forces, in-  
20 cluding extreme weather events, sea-level rise, and  
21 extreme drought conditions.

22 “(3) PROGRAM.—The term ‘program’ means  
23 the clean water infrastructure resilience and sustain-  
24 ability program established under subsection (b).

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1           “(b) ESTABLISHMENT.—Subject to the availability of  
2 appropriations, the Administrator shall establish a clean  
3 water infrastructure resilience and sustainability program  
4 under which the Administrator shall award grants to eligi-  
5 ble entities for the purpose of increasing the resilience of  
6 publicly owned treatment works to a natural hazard or cy-  
7 bersecurity vulnerabilities.

8           “(c) USE OF FUNDS.—An eligible entity that receives  
9 a grant under the program shall use the grant funds for  
10 planning, designing, or constructing projects (on a system-  
11 wide or area-wide basis) that increase the resilience of a  
12 publicly owned treatment works to a natural hazard or cy-  
13 bersecurity vulnerabilities through—

14                   “(1) the conservation of water;

15                   “(2) the enhancement of water use efficiency;

16                   “(3) the enhancement of wastewater and  
17 stormwater management by increasing watershed  
18 preservation and protection, including through the  
19 use of—

20                           “(A) natural and engineered green infra-  
21 structure; and

22                           “(B) reclamation and reuse of wastewater  
23 and stormwater, such as aquifer recharge zones;

24                   “(4) the modification or relocation of an exist-  
25 ing publicly owned treatment works, conveyance, or

1 discharge system component that is at risk of being  
2 significantly impaired or damaged by a natural haz-  
3 ard;

4 “(5) the development and implementation of  
5 projects to increase the resilience of publicly owned  
6 treatment works to a natural hazard or cybersecu-  
7 rity vulnerabilities, as applicable; or

8 “(6) the enhancement of energy efficiency or  
9 the use and generation of recovered or renewable en-  
10 ergy in the management, treatment, or conveyance  
11 of wastewater or stormwater.

12 “(d) APPLICATION.—To be eligible to receive a grant  
13 under the program, an eligible entity shall submit to the  
14 Administrator an application at such time, in such man-  
15 ner, and containing such information as the Administrator  
16 may require, including—

17 “(1) a proposal of the project to be planned, de-  
18 signed, or constructed using funds under the pro-  
19 gram;

20 “(2) an identification of the natural hazard risk  
21 of the area where the proposed project is to be lo-  
22 cated or potential cybersecurity vulnerability, as ap-  
23 plicable, to be addressed by the proposed project;

24 “(3) documentation prepared by a Federal,  
25 State, regional, or local government agency of the

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1 natural hazard risk of the area where the proposed  
2 project is to be located or potential cybersecurity  
3 vulnerability, as applicable, of the area where the  
4 proposed project is to be located;

5 “(4) a description of any recent natural hazard  
6 risk of the area where the proposed project is to be  
7 located or potential cybersecurity vulnerabilities that  
8 have affected the publicly owned treatment works;

9 “(5) a description of how the proposed project  
10 would improve the performance of the publicly  
11 owned treatment works under an anticipated natural  
12 hazard or natural hazard risk of the area where the  
13 proposed project is to be located or a potential cy-  
14 bersecurity vulnerability, as applicable; and

15 “(6) an explanation of how the proposed project  
16 is expected to enhance the resilience of the publicly  
17 owned treatment works to a natural hazard risk of  
18 the area where the proposed project is to be located  
19 or a potential cybersecurity vulnerability, as applica-  
20 ble.

21 “(e) GRANT AMOUNT AND OTHER FEDERAL RE-  
22 QUIREMENTS.—

23 “(1) COST SHARE.—Except as provided in  
24 paragraph (2), a grant under the program shall not

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1 exceed 75 percent of the total cost of the proposed  
2 project.

3 “(2) EXCEPTION.—

4 “(A) IN GENERAL.—Except as provided in  
5 subparagraph (B), a grant under the program  
6 shall not exceed 90 percent of the total cost of  
7 the proposed project if the project serves a com-  
8 munity that—

9 “(i) has a population of fewer than  
10 10,000 individuals; or

11 “(ii) meets the affordability criteria  
12 established by the State in which the com-  
13 munity is located under section 603(i)(2).

14 “(B) WAIVER.—At the discretion of the  
15 Administrator, a grant for a project described  
16 in subparagraph (A) may cover 100 percent of  
17 the total cost of the proposed project.

18 “(3) REQUIREMENTS.—The requirements of  
19 section 608 shall apply to a project funded with a  
20 grant under the program.

21 “(f) REPORT.—Not later than 2 years after the date  
22 of enactment of this section, the Administrator shall sub-  
23 mit to Congress a report that describes the implementa-  
24 tion of the program, which shall include an accounting of  
25 all grants awarded under the program, including a de-

1 scription of each grant recipient and each project funded  
2 using a grant under the program.

3 “(g) AUTHORIZATION OF APPROPRIATIONS.—

4 “(1) IN GENERAL.—There is authorized to be  
5 appropriated to carry out this section \$25,000,000  
6 for each of fiscal years 2022 through 2026.

7 “(2) LIMITATION ON USE OF FUNDS.—Of the  
8 amounts made available for grants under paragraph  
9 (1), not more than 2 percent may be used to pay the  
10 administrative costs of the Administrator.”.

11 **SEC. 20206. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**  
12 **MENT WORKS CIRCUIT RIDER PROGRAM.**

13 Title II of the Federal Water Pollution Control Act  
14 (33 U.S.C. 1281 et seq.) (as amended by section 20205)  
15 is amended by adding at the end the following:

16 **“SEC. 224. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**  
17 **MENT WORKS CIRCUIT RIDER PROGRAM.**

18 “(a) ESTABLISHMENT.—Subject to the availability of  
19 appropriations, not later than 180 days after the date of  
20 enactment of this section, the Administrator shall estab-  
21 lish a circuit rider program (referred to in this section as  
22 the ‘circuit rider program’) under which the Administrator  
23 shall award grants to qualified nonprofit entities, as deter-  
24 mined by the Administrator, to provide assistance to own-  
25 ers and operators of small and medium publicly owned



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1 treatment works to carry out the activities described in  
2 section 602(b)(13).

3 “(b) LIMITATION.—A grant provided under the cir-  
4 cuit rider program shall be in an amount that is not more  
5 than \$75,000.

6 “(c) PRIORITIZATION.—In selecting recipients of  
7 grants under the circuit rider program, the Administrator  
8 shall give priority to qualified nonprofit entities, as deter-  
9 mined by the Administrator, that would serve a commu-  
10 nity that—

11 “(1) has a history, for not less than the 10  
12 years prior to the award of the grant, of unresolved  
13 wastewater issues, stormwater issues, or a combina-  
14 tion of wastewater and stormwater issues;

15 “(2) is considered financially distressed;

16 “(3) faces the cumulative burden of stormwater  
17 and wastewater overflow issues; or

18 “(4) has previously failed to access Federal  
19 technical assistance due to cost-sharing require-  
20 ments.

21 “(d) COMMUNICATION.—Each qualified nonprofit en-  
22 tity that receives funding under this section shall, before  
23 using that funding to undertake activities to carry out this  
24 section, consult with the State in which the assistance is  
25 to be expended or otherwise made available.

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1 “(e) REPORT.—Not later than 2 years after the date  
2 on which the Administrator establishes the circuit rider  
3 program, and every 2 years thereafter, the Administrator  
4 shall submit to Congress a report describing—

5 “(1) each recipient of a grant under the circuit  
6 rider program; and

7 “(2) a summary of the activities carried out  
8 under the circuit rider program.

9 “(f) AUTHORIZATION OF APPROPRIATIONS.—

10 “(1) IN GENERAL.—There is authorized to be  
11 appropriated to carry out this section \$10,000,000  
12 for the period of fiscal years 2022 through 2026.

13 “(2) LIMITATION ON USE OF FUNDS.—Of the  
14 amounts made available for grants under paragraph  
15 (1), not more than 2 percent may be used to pay the  
16 administrative costs of the Administrator.”.

17 **SEC. 20207. SMALL PUBLICLY OWNED TREATMENT WORKS**  
18 **EFFICIENCY GRANT PROGRAM.**

19 Title II of the Federal Water Pollution Control Act  
20 (33 U.S.C. 1281 et seq.) (as amended by section 20206)  
21 is amended by adding at the end the following:

22 **“SEC. 225. SMALL PUBLICLY OWNED TREATMENT WORKS**  
23 **EFFICIENCY GRANT PROGRAM.**

24 “(a) ESTABLISHMENT.—Subject to the availability of  
25 appropriations, not later than 180 days after the date of

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1 enactment of this section, the Administrator shall estab-  
2 lish an efficiency grant program (referred to in this section  
3 as the ‘efficiency grant program’) under which the Admin-  
4 istrator shall award grants to eligible entities for the re-  
5 placement or repair of equipment that improves water or  
6 energy efficiency of small publicly owned treatment works,  
7 as identified in an efficiency audit.

8 “(b) ELIGIBLE ENTITIES.—The Administrator may  
9 award a grant under the efficiency grant program to—

10 “(1) an owner or operator of a small publicly  
11 owned treatment works that serves—

12 “(A) a population of not more than 10,000  
13 people; or

14 “(B) a disadvantaged community; or

15 “(2) a nonprofit organization that seeks to as-  
16 sist a small publicly owned treatment works de-  
17 scribed in paragraph (1) to carry out the activities  
18 described in subsection (a).

19 “(c) REPORT.—Not later than 2 years after the date  
20 on which the Administrator establishes the efficiency  
21 grant program, and every 2 years thereafter, the Adminis-  
22 trator shall submit to Congress a report describing—

23 “(1) each recipient of a grant under the effi-  
24 ciency grant program; and

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1           “(2) a summary of the activities carried out  
2 under the efficiency grant program.

3           “(d) USE OF FUNDS.—

4           “(1) SMALL SYSTEMS.—Of the amounts made  
5 available for grants under this section, to the extent  
6 that there are sufficient applications, not less than  
7 15 percent shall be used for grants to publicly owned  
8 treatment works that serve fewer than 3,300 people.

9           “(2) LIMITATION ON USE OF FUNDS.—Of the  
10 amounts made available for grants under this sec-  
11 tion, not more than 2 percent may be used to pay  
12 the administrative costs of the Administrator.”.

13 **SEC. 20208. GRANTS FOR CONSTRUCTION AND REFUR-**  
14 **BISHING OF INDIVIDUAL HOUSEHOLD DE-**  
15 **CENTRALIZED WASTEWATER SYSTEMS FOR**  
16 **INDIVIDUALS WITH LOW OR MODERATE IN-**  
17 **COME.**

18           Title II of the Federal Water Pollution Control Act  
19 (33 U.S.C. 1281 et seq.) (as amended by section 20207)  
20 is amended by adding at the end the following:

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1 **“SEC. 226. GRANTS FOR CONSTRUCTION AND REFUR-**  
2 **BISHING OF INDIVIDUAL HOUSEHOLD DE-**  
3 **CENTRALIZED WASTEWATER SYSTEMS FOR**  
4 **INDIVIDUALS WITH LOW OR MODERATE IN-**  
5 **COME.**

6 “(a) DEFINITION OF ELIGIBLE INDIVIDUAL.—In this  
7 section, the term ‘eligible individual’ means a member of  
8 a low-income or moderate-income household, the members  
9 of which have a combined income (for the most recent 12-  
10 month period for which information is available) equal to  
11 not more than 50 percent of the median nonmetropolitan  
12 household income for the State or territory in which the  
13 household is located, according to the most recent decen-  
14 nial census.

15 “(b) GRANT PROGRAM.—

16 “(1) IN GENERAL.—Subject to the availability  
17 of appropriations, the Administrator shall establish a  
18 program under which the Administrator shall pro-  
19 vide grants to private nonprofit organizations for the  
20 purpose of improving general welfare by providing  
21 assistance to eligible individuals—

22 “(A) for the construction, repair, or re-  
23 placement of an individual household decentral-  
24 ized wastewater treatment system; or

25 “(B) for the installation of a larger decen-  
26 tralized wastewater system designed to provide

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1 treatment for 2 or more households in which el-  
2 igible individuals reside, if—

3 “(i) site conditions at the households  
4 are unsuitable for the installation of an in-  
5 dividually owned decentralized wastewater  
6 system;

7 “(ii) multiple examples of unsuitable  
8 site conditions exist in close geographic  
9 proximity to each other; and

10 “(iii) a larger decentralized waste-  
11 water system could be cost-effectively in-  
12 stalled.

13 “(2) APPLICATION.—To be eligible to receive a  
14 grant under this subsection, a private nonprofit or-  
15 ganization shall submit to the Administrator an ap-  
16 plication at such time, in such manner, and con-  
17 taining such information as the Administrator deter-  
18 mines to be appropriate.

19 “(3) PRIORITY.—In awarding grants under this  
20 subsection, the Administrator shall give priority to  
21 applicants that have substantial expertise and expe-  
22 rience in promoting the safe and effective use of in-  
23 dividual household decentralized wastewater systems.

24 “(4) ADMINISTRATIVE EXPENSES.—A private  
25 nonprofit organization may use amounts provided

1 under this subsection to pay the administrative ex-  
2 penses associated with the provision of the services  
3 described in paragraph (1), as the Administrator de-  
4 termines to be appropriate.

5 “(c) GRANTS.—

6 “(1) IN GENERAL.—Subject to paragraph (2), a  
7 private nonprofit organization shall use a grant pro-  
8 vided under subsection (b) for the services described  
9 in paragraph (1) of that subsection.

10 “(2) APPLICATION.—To be eligible to receive  
11 the services described in subsection (b)(1), an eligi-  
12 ble individual shall submit to the private nonprofit  
13 organization serving the area in which the individual  
14 household decentralized wastewater system of the el-  
15 igible individuals is, or is proposed to be, located an  
16 application at such time, in such manner, and con-  
17 taining such information as the private nonprofit or-  
18 ganization determines to be appropriate.

19 “(3) PRIORITY.—In awarding grants under this  
20 subsection, a private nonprofit organization shall  
21 give priority to any eligible individual who does not  
22 have access to a sanitary sewage disposal system.

23 “(d) REPORT.—Not later than 2 years after the date  
24 of enactment of this section, the Administrator shall sub-  
25 mit to the Committee on Environment and Public Works

1 of the Senate and the Committee on Transportation and  
2 Infrastructure of the House of Representatives a report  
3 describing the recipients of grants under the program  
4 under this section and the results of the program under  
5 this section.

6 “(e) AUTHORIZATION OF APPROPRIATIONS.—

7 “(1) IN GENERAL.—There is authorized to be  
8 appropriated to the Administrator to carry out this  
9 section \$50,000,000 for each of fiscal years 2022  
10 through 2026.

11 “(2) LIMITATION ON USE OF FUNDS.—Of the  
12 amounts made available for grants under paragraph  
13 (1), not more than 2 percent may be used to pay the  
14 administrative costs of the Administrator.”.

15 **SEC. 20209. CONNECTION TO PUBLICLY OWNED TREAT-**  
16 **MENT WORKS.**

17 Title II of the Federal Water Pollution Control Act  
18 (33 U.S.C. 1281 et seq.) (as amended by section 20208)  
19 is amended by adding at the end the following:

20 **“SEC. 227. CONNECTION TO PUBLICLY OWNED TREATMENT**  
21 **WORKS.**

22 “(a) DEFINITIONS.—In this section:

23 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-  
24 tity’ means—



1           “(A) an owner or operator of a publicly  
2 owned treatment works that assists or is seek-  
3 ing to assist low-income or moderate-income in-  
4 dividuals with connecting the household of the  
5 individual to the publicly owned treatment  
6 works; or

7           “(B) a nonprofit entity that assists low-in-  
8 come or moderate-income individuals with the  
9 costs associated with connecting the household  
10 of the individual to a publicly owned treatment  
11 works.

12           “(2) PROGRAM.—The term ‘program’ means  
13 the competitive grant program established under  
14 subsection (b).

15           “(3) QUALIFIED INDIVIDUAL.—The term ‘quali-  
16 fied individual’ has the meaning given the term ‘eli-  
17 gible individual’ in section 603(j).

18           “(b) ESTABLISHMENT.—Subject to the availability of  
19 appropriations, the Administrator shall establish a com-  
20 petitive grant program with the purpose of improving gen-  
21 eral welfare, under which the Administrator awards grants  
22 to eligible entities to provide funds to assist qualified indi-  
23 viduals in covering the costs incurred by the qualified indi-  
24 vidual in connecting the household of the qualified indi-  
25 vidual to a publicly owned treatment works.

1 “(c) APPLICATION.—

2 “(1) IN GENERAL.—An eligible entity seeking a  
3 grant under the program shall submit to the Admin-  
4 istrator an application at such time, in such manner,  
5 and containing such information as the Adminis-  
6 trator may by regulation require.

7 “(2) REQUIREMENT.—Not later than 90 days  
8 after the date on which the Administrator receives  
9 an application from an eligible entity under para-  
10 graph (1), the Administrator shall notify the eligible  
11 entity of whether the Administrator will award a  
12 grant to the eligible entity under the program.

13 “(d) SELECTION CRITERIA.—In selecting recipients  
14 of grants under the program, the Administrator shall use  
15 the following criteria:

16 “(1) Whether the eligible entity seeking a grant  
17 provides services to, or works directly with, qualified  
18 individuals.

19 “(2) Whether the eligible entity seeking a  
20 grant—

21 “(A) has an existing program to assist in  
22 covering the costs incurred in connecting a  
23 household to a publicly owned treatment works;  
24 or

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1           “(B) seeks to create a program described  
2           in subparagraph (A).

3           “(e) REQUIREMENTS.—

4           “(1) VOLUNTARY CONNECTION.—Before pro-  
5           viding funds to a qualified individual for the costs  
6           described in subsection (b), an eligible entity shall  
7           ensure that—

8           “(A) the qualified individual has connected  
9           to the publicly owned treatment works volun-  
10          tarily; and

11          “(B) if the eligible entity is not the owner  
12          or operator of the publicly owned treatment  
13          works to which the qualified individual has con-  
14          nected, the publicly owned treatment works to  
15          which the qualified individual has connected has  
16          agreed to the connection.

17          “(2) REIMBURSEMENTS FROM PUBLICLY  
18          OWNED TREATMENT WORKS.—An eligible entity that  
19          is an owner or operator of a publicly owned treat-  
20          ment works may reimburse a qualified individual  
21          that has already incurred the costs described in sub-  
22          section (b) by—

23          “(A) reducing the amount otherwise owed  
24          by the qualified individual to the owner or oper-

1396

1 ator for wastewater or other services provided  
2 by the owner or operator; or

3 “(B) providing a direct payment to the  
4 qualified individual.

5 “(f) AUTHORIZATION OF APPROPRIATIONS.—

6 “(1) IN GENERAL.—There is authorized to be  
7 appropriated to carry out the program \$40,000,000  
8 for each of fiscal years 2022 through 2026.

9 “(2) LIMITATIONS ON USE OF FUNDS.—

10 “(A) SMALL SYSTEMS.—Of the amounts  
11 made available for grants under paragraph (1),  
12 to the extent that there are sufficient applica-  
13 tions, not less than 15 percent shall be used to  
14 make grants to—

15 “(i) eligible entities described in sub-  
16 section (a)(1)(A) that are owners and op-  
17 erators of publicly owned treatment works  
18 that serve fewer than 3,300 people; and

19 “(ii) eligible entities described in sub-  
20 section (a)(1)(B) that provide the assist-  
21 ance described in that subsection in areas  
22 that are served by publicly owned treat-  
23 ment works that serve fewer than 3,300  
24 people.

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1           “(B) ADMINISTRATIVE COSTS.—Of the  
2           amounts made available for grants under para-  
3           graph (1), not more than 2 percent may be  
4           used to pay the administrative costs of the Ad-  
5           ministrator.”.

6 **SEC. 20210. CLEAN WATER STATE REVOLVING FUNDS.**

7           (a) USE OF FUNDS.—

8           (1) IN GENERAL.—Section 603 of the Federal  
9           Water Pollution Control Act (33 U.S.C. 1383) is  
10          amended—

11           (A) in subsection (d), in the matter pre-  
12           ceding paragraph (1), by inserting “and pro-  
13           vided in subsection (k)” after “State law”;

14           (B) in subsection (i)—

15           (i) in paragraph (1), in the matter  
16           preceding subparagraph (A), by striking “,  
17           including forgiveness of principal and neg-  
18           ative interest loans” and inserting “(in-  
19           cluding forgiveness of principal, grants,  
20           negative interest loans, other loan forgive-  
21           ness, and through buying, refinancing, or  
22           restructuring debt)”; and

23           (ii) in paragraph (3), by striking sub-  
24           paragraph (B) and inserting the following:

1398

1                   “(B) TOTAL AMOUNT OF SUBSIDIZA-  
2                   TION.—

3                   “(i) IN GENERAL.—For each fiscal  
4                   year, of the amount of the capitalization  
5                   grant received by the State under this title,  
6                   the total amount of additional subsidiza-  
7                   tion made available by a State under para-  
8                   graph (1)—

9                                   “(I) may not exceed 30 percent;  
10                                  and

11                                 “(II) to the extent that there are  
12                                 sufficient applications for assistance  
13                                 to communities described in that  
14                                 paragraph, may not be less than 10  
15                                 percent.

16                                 “(ii) EXCLUSION.—A loan from the  
17                                 water pollution control revolving fund of a  
18                                 State with an interest rate equal to or  
19                                 greater than 0 percent shall not be consid-  
20                                 ered additional subsidization for purposes  
21                                 of this subparagraph.”; and

22                                 (C) by adding at the end the following:

23                   “(k) ADDITIONAL USE OF FUNDS.—A State may use  
24                   an additional 2 percent of the funds annually awarded to  
25                   each State under this title for nonprofit organizations (as

1399

1 defined in section 104(w)) or State, regional, interstate,  
2 or municipal entities to provide technical assistance to  
3 rural, small, and tribal publicly owned treatment works  
4 (within the meaning of section 104(b)(8)(B)) in the  
5 State.”.

6 (2) TECHNICAL AMENDMENT.—Section 104(w)  
7 of the Federal Water Pollution Control Act (33  
8 U.S.C. 1254(w)) is amended by striking “treatments  
9 works” and inserting “treatment works”.

10 (b) CAPITALIZATION GRANT REAUTHORIZATION.—  
11 Section 607 of the Federal Water Pollution Control Act  
12 (33 U.S.C. 1387) is amended to read as follows:

13 **“SEC. 607. AUTHORIZATION OF APPROPRIATIONS.**

14 “There are authorized to be appropriated to carry out  
15 the purposes of this title—

16 “(1) \$2,400,000,000 for fiscal year 2022;

17 “(2) \$2,750,000,000 for fiscal year 2023;

18 “(3) \$3,000,000,000 for fiscal year 2024; and

19 “(4) \$3,250,000,000 for each of fiscal years  
20 2025 and 2026.”.

21 **SEC. 20211. WATER INFRASTRUCTURE AND WORKFORCE IN-**  
22 **VESTMENT.**

23 Section 4304 of the America’s Water Infrastructure  
24 Act of 2018 (42 U.S.C. 300j–19e) is amended—

25 (1) in subsection (a)(3)—

1400

1 (A) in subparagraph (A), by inserting  
2 “Tribal,” after “State,”; and

3 (B) in subparagraph (B), by striking  
4 “community-based organizations” and all that  
5 follows through the period at the end and in-  
6 serting the following: “community-based organi-  
7 zations and public works departments or agen-  
8 cies to align water and wastewater utility work-  
9 force recruitment efforts, training programs, re-  
10 tention efforts, and community resources with  
11 water and wastewater utilities—

12 “(i) to accelerate career pipelines;

13 “(ii) to ensure the sustainability of  
14 the water and wastewater utility workforce;  
15 and

16 “(iii) to provide access to workforce  
17 opportunities.”;

18 (2) in subsection (b)—

19 (A) in paragraph (1)—

20 (i) by striking subparagraph (B);

21 (ii) in subparagraph (A), by striking  
22 “; and” at the end and inserting “, which  
23 may include—”

24 (iii) in the matter preceding subpara-  
25 graph (A), by striking “program—” and



1401

1 all that follows through “to assist” in sub-  
2 paragraph (A) and inserting “program to  
3 assist”; and

4 (iv) by adding at the end the fol-  
5 lowing:

6 “(A) expanding the use and availability of  
7 activities and resources that relate to the re-  
8 cruitment, including the promotion of diversity  
9 within that recruitment, of individuals to ca-  
10 reers in the water and wastewater utility sector;

11 “(B) expanding the availability of training  
12 opportunities for—

13 “(i) individuals entering into the  
14 water and wastewater utility sector; and

15 “(ii) individuals seeking to advance  
16 careers within the water and wastewater  
17 utility sector; and

18 “(C) expanding the use and availability of  
19 activities and strategies, including the develop-  
20 ment of innovative activities and strategies, that  
21 relate to the maintenance and retention of a  
22 sustainable workforce in the water and waste-  
23 water utility sector.”;

24 (B) in paragraph (2)—

1402

1 (i) in the matter preceding subpara-  
2 graph (A), by striking “institutions—” and  
3 inserting “institutions, or public works de-  
4 partments and agencies—”; and

5 (ii) in subparagraph (A)—

6 (I) by striking clauses (ii) and  
7 (iii);

8 (II) in clause (i), by adding “or”  
9 at the end;

10 (III) by redesignating clause (i)  
11 as clause (ii);

12 (IV) by inserting before clause  
13 (ii) (as so redesignated) the following:

14 “(i) in the development of educational  
15 or recruitment materials and activities, in-  
16 cluding those materials and activities that  
17 specifically promote diversity within re-  
18 cruitment, for the water and wastewater  
19 utility workforce;” and

20 (V) by adding at the end the fol-  
21 lowing:

22 “(iii) developing activities and strate-  
23 gies that relate to the maintenance and re-  
24 tention of a sustainable workforce in the  
25 water and wastewater utility sector; and”;

1403

1 (C) in paragraph (3)—

2 (i) in subparagraph (D)(ii), by insert-  
3 ing “or certification” after “training”; and

4 (ii) in subparagraph (E), by striking  
5 “ensure that incumbent water and waste  
6 water utilities workers” and inserting “are  
7 designed to retain incumbent water and  
8 wastewater utility workforce workers by  
9 ensuring that those workers”; and

10 (D) by striking paragraph (4) and insert-  
11 ing the following:

12 “(4) WORKING GROUP; REPORT.—

13 “(A) IN GENERAL.—The Administrator  
14 shall establish and coordinate a Federal inter-  
15 agency working group to address recruitment,  
16 training, and retention challenges in the water  
17 and wastewater utility workforce, which shall  
18 include representatives from—

19 “(i) the Department of Education;

20 “(ii) the Department of Labor;

21 “(iii) the Department of Agriculture;

22 “(iv) the Department of Veterans Af-  
23 fairs; and

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1                   “(v) other Federal agencies, as deter-  
2                   mined to be appropriate by the Adminis-  
3                   trator.

4                   “(B) REPORT.—Not later than 2 years  
5                   after the date of enactment of this subpara-  
6                   graph, the Administrator, in coordination with  
7                   the working group established under subpara-  
8                   graph (A), shall submit to Congress a report  
9                   describing potential solutions to recruitment,  
10                  training, and retention challenges in the water  
11                  and wastewater utility workforce.

12                  “(C) CONSULTATION.—In carrying out the  
13                  duties of the working group established under  
14                  subparagraph (A), the working group shall con-  
15                  sult with State operator certification programs.

16                  “(5) AUTHORIZATION OF APPROPRIATIONS.—  
17                  There is authorized to be appropriated to carry out  
18                  this subsection \$5,000,000 for each of fiscal years  
19                  2022 through 2026.”;

20                  (3) by redesignating subsections (a) and (b) as  
21                  subsections (b) and (c), respectively; and

22                  (4) by inserting before subsection (b) (as so re-  
23                  designated) the following:

24                  “(a) DEFINITION OF PUBLIC WORKS DEPARTMENT  
25                  OR AGENCY.—In this section, the term ‘public works de-

1405

1 partment or agency’ means a political subdivision of a  
2 local, county, or regional government that designs, builds,  
3 operates, and maintains water infrastructure, sewage and  
4 refuse disposal systems, and other public water systems  
5 and facilities.”.

6 **SEC. 20212. GRANTS TO ALASKA TO IMPROVE SANITATION**  
7 **IN RURAL AND NATIVE VILLAGES.**

8 Section 303 of the Safe Drinking Water Act Amend-  
9 ments of 1996 (33 U.S.C. 1263a) is amended—

10 (1) in subsection (b), by striking “50 percent”  
11 and inserting “75 percent”; and

12 (2) in subsection (e), by striking “this section”  
13 and all that follows through the period at the end  
14 and inserting the following: “this section—

15 “(1) \$40,000,000 for each of fiscal years 2022  
16 through 2024;

17 “(2) \$50,000,000 for fiscal year 2025; and

18 “(3) \$60,000,000 for fiscal year 2026.”.

19 **SEC. 20213. WATER DATA SHARING PILOT PROGRAM.**

20 (a) ESTABLISHMENT.—

21 (1) IN GENERAL.—Subject to the availability of  
22 appropriations, the Administrator shall establish a  
23 competitive grant pilot program (referred to in this  
24 section as the “pilot program”) under which the Ad-  
25 ministrator may award grants to eligible entities

1406

1 under subsection (b) to establish systems that im-  
2 prove the sharing of information concerning water  
3 quality, water infrastructure needs, and water tech-  
4 nology, including cybersecurity technology, between  
5 States or among counties and other units of local  
6 government within a State, which may include—

7 (A) establishing a website or data hub to  
8 exchange water data, including data on water  
9 quality or water technology, including new and  
10 emerging, but proven, water technology; and

11 (B) intercounty communications initiatives  
12 related to water data.

13 (2) REQUIREMENTS.—

14 (A) DATA SHARING.—The Internet of  
15 Water principles developed by the Nicholas In-  
16 stitute for Environmental Policy Solutions shall,  
17 to the extent practicable, guide any water data  
18 sharing efforts under the pilot program.

19 (B) USE OF EXISTING DATA.—The recipi-  
20 ent of a grant under the pilot program to estab-  
21 lish a website or data hub described in para-  
22 graph (1)(A) shall, to the extent practicable, le-  
23 verage existing data sharing infrastructure.

24 (b) ELIGIBLE ENTITIES.—An entity eligible for a  
25 grant under the pilot program is—

1407

1 (1) a State, county, or other unit of local gov-  
2 ernment that—

3 (A) has a coastal watershed with signifi-  
4 cant pollution levels;

5 (B) has a water system with significant  
6 pollution levels; or

7 (C) has significant individual water infra-  
8 structure deficits; or

9 (2) a regional consortium established under  
10 subsection (d).

11 (c) APPLICATIONS.—To be eligible to receive a grant  
12 under the pilot program, an eligible entity under sub-  
13 section (b) shall submit to the Administrator an applica-  
14 tion at such time, in such manner, and containing such  
15 information as the Administrator may require.

16 (d) REGIONAL CONSORTIA.—

17 (1) ESTABLISHMENT.—States may establish re-  
18 gional consortia in accordance with this subsection.

19 (2) REQUIREMENTS.—A regional consortium  
20 established under paragraph (1) shall—

21 (A) include not fewer than 2 States that  
22 have entered into a memorandum of under-  
23 standing—

24 (i) to exchange water data, including  
25 data on water quality; or

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1 (ii) to share information, protocols,  
2 and procedures with respect to projects  
3 that evaluate, demonstrate, or install new  
4 and emerging, but proven, water tech-  
5 nology;

6 (B) carry out projects—

7 (i) to exchange water data, including  
8 data on water quality; or

9 (ii) that evaluate, demonstrate, or in-  
10 stall new and emerging, but proven, water  
11 technology; and

12 (C) develop a regional intended use plan,  
13 in accordance with paragraph (3), to identify  
14 projects to carry out, including projects using  
15 grants received under this section.

16 (3) REGIONAL INTENDED USE PLAN.—A re-  
17 gional intended use plan of a regional consortium es-  
18 tablished under paragraph (1)—

19 (A) shall identify projects that the regional  
20 consortium intends to carry out, including  
21 projects that meet the requirements of para-  
22 graph (2)(B); and

23 (B) may include—

24 (i) projects included in an intended  
25 use plan of a State prepared under section



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1 606(c) of the Federal Water Pollution  
2 Control Act (33 U.S.C. 1386(c)) within the  
3 regional consortium; and

4 (ii) projects not included in an in-  
5 tended use plan of a State prepared under  
6 section 606(c) of the Federal Water Pollu-  
7 tion Control Act (33 U.S.C. 1386(c)) with-  
8 in the regional consortium.

9 (e) REPORT.—Not later than 2 years after the date  
10 of enactment of this Act, the Administrator shall submit  
11 to Congress a report that describes the implementation of  
12 the pilot program, which shall include—

13 (1) a description of the use and deployment of  
14 amounts made available under the pilot program;  
15 and

16 (2) an accounting of all grants awarded under  
17 the program, including a description of each grant  
18 recipient and each project funded using a grant  
19 under the pilot program.

20 (f) FUNDING.—

21 (1) AUTHORIZATION OF APPROPRIATIONS.—

22 There is authorized to be appropriated to carry out  
23 the pilot program \$15,000,000 for each of fiscal  
24 years 2022 through 2026, to remain available until  
25 expended.

1410

1 (2) REQUIREMENT.—Of the funds made avail-  
2 able under paragraph (1), not more than 35 percent  
3 may be used to provide grants to regional consortia  
4 established under subsection (d).

5 **SEC. 20214. FINAL RATING OPINION LETTERS.**

6 Section 5028(a)(1)(D)(ii) of the Water Infrastruc-  
7 ture Finance and Innovation Act of 2014 (33 U.S.C.  
8 3907(a)(1)(D)(ii)) is amended by striking “final rating  
9 opinion letters from at least 2 rating agencies” and insert-  
10 ing “a final rating opinion letter from at least 1 rating  
11 agency”.

12 **SEC. 20215. WATER INFRASTRUCTURE FINANCING REAU-**  
13 **THORIZATION.**

14 (a) IN GENERAL.—Section 5033 of the Water Infra-  
15 structure Finance and Innovation Act of 2014 (33 U.S.C.  
16 3912) is amended—

17 (1) in subsection (a), by adding at the end the  
18 following:

19 “(3) FISCAL YEARS 2022 THROUGH 2026.—  
20 There is authorized to be appropriated to the Ad-  
21 ministrators to carry out this subtitle \$50,000,000  
22 for each of fiscal years 2022 through 2026, to re-  
23 main available until expended.”;

24 (2) in subsection (b)(2)—

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1 (A) in the paragraph heading, by striking  
2 “2020 AND 2021” and inserting “AFTER 2019”;  
3 and

4 (B) by striking “2020 and 2021” and in-  
5 serting “2022 through 2026”; and

6 (3) in subsection (e)(1), by striking “2020 and  
7 2021” and inserting “2022 through 2026”.

8 (b) **OUTREACH PLAN.**—The Water Infrastructure Fi-  
9 nance and Innovation Act of 2014 (33 U.S.C. 3901 et  
10 seq.) is amended by adding at the end the following:

11 **“SEC. 5036. OUTREACH PLAN.**

12 “(a) **DEFINITION OF RURAL COMMUNITY.**—In this  
13 section, the term ‘rural community’ means a city, town,  
14 or unincorporated area that has a population of not more  
15 than 10,000 inhabitants.

16 “(b) **OUTREACH REQUIRED.**—Not later than 180  
17 days after the date of enactment of this section, the Ad-  
18 ministrator, in consultation with relevant Federal agen-  
19 cies, shall develop and begin implementation of an out-  
20 reach plan to promote financial assistance available under  
21 this subtitle to small communities and rural commu-  
22 nities.”.

1412

1 **SEC. 20216. SMALL AND DISADVANTAGED COMMUNITY**  
2 **ANALYSIS.**

3 (a) ANALYSIS.—Not later than 2 years after the date  
4 of enactment of this Act, using environmental justice data  
5 of the Environmental Protection Agency, including data  
6 from the environmental justice mapping and screening tool  
7 of the Environmental Protection Agency, the Adminis-  
8 trator shall carry out an analysis under which the Admin-  
9 istrator shall assess the programs under title VI of the  
10 Federal Water Pollution Control Act (33 U.S.C. 1381 et  
11 seq.) and section 1452 of the Safe Drinking Water Act  
12 (42 U.S.C. 300j–12) to identify historical distributions of  
13 funds to small and disadvantaged communities and new  
14 opportunities and methods to improve on the distribution  
15 of funds under those programs to low-income commu-  
16 nities, rural communities, minority communities, and com-  
17 munities of indigenous peoples, in accordance with Execu-  
18 tive Order 12898 (42 U.S.C. 4321 note; 60 Fed. Reg.  
19 6381; relating to Federal actions to address environmental  
20 justice in minority populations and low-income popu-  
21 lations).

22 (b) REQUIREMENT.—The analysis under subsection  
23 (a) shall include an analysis, to the extent practicable, of  
24 communities in the United States that do not have access  
25 to drinking water or wastewater services.

1413

1 (c) REPORT.—On completion of the analysis under  
2 subsection (a), the Administrator shall submit to the Com-  
3 mittee on Environment and Public Works of the Senate  
4 and the Committees on Energy and Commerce and Trans-  
5 portation and Infrastructure of the House of Representa-  
6 tives a report describing—

7 (1) the results of the analysis; and

8 (2) the criteria the Administrator used in car-  
9 rying out the analysis.

10 **SEC. 20217. STORMWATER INFRASTRUCTURE TECH-**  
11 **NOLOGY.**

12 (a) DEFINITIONS.—In this section:

13 (1) CENTER.—The term “center” means a cen-  
14 ter of excellence for stormwater control infrastruc-  
15 ture established under subsection (b)(1).

16 (2) ELIGIBLE ENTITY.—The term “eligible enti-  
17 ty” means—

18 (A) a State, Tribal, or local government; or

19 (B) a local, regional, or other public entity  
20 that manages stormwater or wastewater re-  
21 sources or other related water infrastructure.

22 (3) ELIGIBLE INSTITUTION.—The term “eligi-  
23 ble institution” means an institution of higher edu-  
24 cation, a research institution, or a nonprofit organi-  
25 zation—

1414

1 (A) that has demonstrated excellence in re-  
2 searching and developing new and emerging  
3 stormwater control infrastructure technologies;  
4 and

5 (B) with respect to a nonprofit organiza-  
6 tion, the core mission of which includes water  
7 management, as determined by the Adminis-  
8 trator.

9 (b) CENTERS OF EXCELLENCE FOR STORMWATER  
10 CONTROL INFRASTRUCTURE TECHNOLOGIES.—

11 (1) ESTABLISHMENT OF CENTERS.—

12 (A) IN GENERAL.—Subject to the avail-  
13 ability of appropriations, the Administrator  
14 shall provide grants, on a competitive basis, to  
15 eligible institutions to establish and maintain  
16 not less than 3, and not more than 5, centers  
17 of excellence for new and emerging stormwater  
18 control infrastructure technologies, to be lo-  
19 cated in various regions throughout the United  
20 States.

21 (B) GENERAL OPERATION.—Each center  
22 shall—

23 (i) conduct research on new and  
24 emerging stormwater control infrastructure  
25 technologies that are relevant to the geo-

1415

1 graphical region in which the center is lo-  
2 cated, including stormwater and sewer  
3 overflow reduction, other approaches to  
4 water resource enhancement, alternative  
5 funding approaches, and other environ-  
6 mental, economic, and social benefits, with  
7 the goal of improving the effectiveness,  
8 cost efficiency, and protection of public  
9 safety and water quality;

10 (ii) maintain a listing of—

11 (I) stormwater control infrastruc-  
12 ture needs; and

13 (II) an analysis of new and  
14 emerging stormwater control infra-  
15 structure technologies that are avail-  
16 able;

17 (iii) analyze whether additional finan-  
18 cial programs for the implementation of  
19 new and emerging, but proven, stormwater  
20 control infrastructure technologies would  
21 be useful;

22 (iv) provide information regarding re-  
23 search conducted under clause (i) to the  
24 national electronic clearinghouse center for  
25 publication on the Internet website estab-

1416

1 lished under paragraph (3)(B)(i) to pro-  
2 vide to the Federal Government and State,  
3 Tribal, and local governments and the pri-  
4 vate sector information regarding new and  
5 emerging, but proven, stormwater control  
6 infrastructure technologies;

7 (v) provide technical assistance to  
8 State, Tribal, and local governments to as-  
9 sist with the design, construction, oper-  
10 ation, and maintenance of stormwater con-  
11 trol infrastructure projects that use inno-  
12 vative technologies;

13 (vi) collaborate with institutions of  
14 higher education and private and public or-  
15 ganizations, including community-based  
16 public-private partnerships and other  
17 stakeholders, in the geographical region in  
18 which the center is located; and

19 (vii) coordinate with the other centers  
20 to avoid duplication of efforts.

21 (2) APPLICATION.—To be eligible to receive a  
22 grant under this subsection, an eligible institution  
23 shall prepare and submit to the Administrator an  
24 application at such time, in such form, and con-



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1 taining such information as the Administrator may  
2 require.

3 (3) NATIONAL ELECTRONIC CLEARINGHOUSE  
4 CENTER.—Of the centers established under para-  
5 graph (1)(A), 1 shall—

6 (A) be designated as the “national elec-  
7 tronic clearinghouse center”; and

8 (B) in addition to the other functions of  
9 that center—

10 (i) develop, operate, and maintain an  
11 Internet website and a public database  
12 that contains information relating to new  
13 and emerging, but proven, stormwater con-  
14 trol infrastructure technologies; and

15 (ii) post to the website information  
16 from all centers.

17 (4) AUTHORIZATION OF APPROPRIATIONS.—

18 (A) IN GENERAL.—There is authorized to  
19 be appropriated to carry out this subsection  
20 \$5,000,000 for each of fiscal years 2022  
21 through 2026.

22 (B) LIMITATION ON USE OF FUNDS.—Of  
23 the amounts made available for grants under  
24 subparagraph (A), not more than 2 percent

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1           may be used to pay the administrative costs of  
2           the Administrator.

3           (c) STORMWATER CONTROL INFRASTRUCTURE  
4 PROJECT GRANTS.—

5           (1) GRANT AUTHORITY.—Subject to the avail-  
6           ability of appropriations, the Administrator shall  
7           provide grants, on a competitive basis, to eligible en-  
8           tities to carry out stormwater control infrastructure  
9           projects that incorporate new and emerging, but  
10          proven, stormwater control technologies in accord-  
11          ance with this subsection.

12          (2) STORMWATER CONTROL INFRASTRUCTURE  
13 PROJECTS.—

14           (A) PLANNING AND DEVELOPMENT  
15 GRANTS.—The Administrator may make plan-  
16          ning and development grants under this sub-  
17          section for the following projects:

18           (i) Planning and designing  
19           stormwater control infrastructure projects  
20           that incorporate new and emerging, but  
21           proven, stormwater control technologies,  
22           including engineering surveys, landscape  
23           plans, maps, long-term operations and  
24           maintenance plans, and implementation  
25           plans.

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1 (ii) Identifying and developing stand-  
2 ards necessary to accommodate stormwater  
3 control infrastructure projects, including  
4 those projects that incorporate new and  
5 emerging, but proven, stormwater control  
6 technologies.

7 (iii) Identifying and developing fee  
8 structures to provide financial support for  
9 design, installation, and operations and  
10 maintenance of stormwater control infra-  
11 structure, including new and emerging, but  
12 proven, stormwater control infrastructure  
13 technologies.

14 (iv) Developing approaches for com-  
15 munity-based public-private partnerships  
16 for the financing and construction of  
17 stormwater control infrastructure tech-  
18 nologies, including feasibility studies,  
19 stakeholder outreach, and needs assess-  
20 ments.

21 (v) Developing and delivering training  
22 and educational materials regarding new  
23 and emerging, but proven, stormwater con-  
24 trol infrastructure technologies for dis-  
25 tribution to—

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1 (I) individuals and entities with  
2 applicable technical knowledge; and

3 (II) the public.

4 (B) IMPLEMENTATION GRANTS.—The Ad-  
5 ministrator may make implementation grants  
6 under this subsection for the following projects:

7 (i) Installing new and emerging, but  
8 proven, stormwater control infrastructure  
9 technologies.

10 (ii) Protecting or restoring inter-  
11 connected networks of natural areas that  
12 protect water quality.

13 (iii) Monitoring and evaluating the en-  
14 vironmental, economic, or social benefits of  
15 stormwater control infrastructure tech-  
16 nologies that incorporate new and emerg-  
17 ing, but proven, stormwater control tech-  
18 nology.

19 (iv) Implementing a best practices  
20 standard for stormwater control infrastruc-  
21 ture programs.

22 (3) APPLICATION.—Except as otherwise pro-  
23 vided in this section, to be eligible to receive a grant  
24 under this subsection, an eligible entity shall prepare  
25 and submit to the Administrator an application at

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1 such time, in such form, and containing such infor-  
2 mation as the Administrator may require, including,  
3 as applicable—

4 (A) a description of the stormwater control  
5 infrastructure project that incorporates new  
6 and emerging, but proven, technologies;

7 (B) a plan for monitoring the impacts and  
8 pollutant load reductions associated with the  
9 stormwater control infrastructure project on the  
10 water quality and quantity;

11 (C) an evaluation of other environmental,  
12 economic, and social benefits of the stormwater  
13 control infrastructure project; and

14 (D) a plan for the long-term operation and  
15 maintenance of the stormwater control infra-  
16 structure project and a tracking system, such  
17 as asset management practices.

18 (4) PRIORITY.—In making grants under this  
19 subsection, the Administrator shall give priority to  
20 applications submitted on behalf of—

21 (A) a community that—

22 (i) has municipal combined storm and  
23 sanitary sewers in the collection system of  
24 the community; or

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1 (ii) is a small, rural, or disadvantaged  
2 community, as determined by the Adminis-  
3 trator; or

4 (B) an eligible entity that will use not less  
5 than 15 percent of the grant to provide service  
6 to a small, rural, or disadvantaged community,  
7 as determined by the Administrator.

8 (5) MAXIMUM AMOUNTS.—

9 (A) PLANNING AND DEVELOPMENT  
10 GRANTS.—

11 (i) SINGLE GRANT.—The amount of a  
12 single planning and development grant  
13 provided under this subsection shall be not  
14 more than \$200,000.

15 (ii) AGGREGATE AMOUNT.—The total  
16 amount of all planning and development  
17 grants provided under this subsection for a  
18 fiscal year shall be not more than  $\frac{1}{3}$  of the  
19 total amount made available to carry out  
20 this subsection.

21 (B) IMPLEMENTATION GRANTS.—

22 (i) SINGLE GRANT.—The amount of a  
23 single implementation grant provided  
24 under this subsection shall be not more  
25 than \$2,000,000.

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1 (ii) AGGREGATE AMOUNT.—The total  
2 amount of all implementation grants pro-  
3 vided under this subsection for a fiscal  
4 year shall be not more than  $\frac{2}{3}$  of the total  
5 amount made available to carry out this  
6 subsection.

7 (6) FEDERAL SHARE.—

8 (A) IN GENERAL.—Except as provided in  
9 subparagraph (C), the Federal share of a grant  
10 provided under this subsection shall not exceed  
11 80 percent of the total project cost.

12 (B) CREDIT FOR IMPLEMENTATION  
13 GRANTS.—The Administrator shall credit to-  
14 ward the non-Federal share of the cost of an  
15 implementation project carried out under this  
16 subsection the cost of planning, design, and  
17 construction work completed for the project  
18 using funds other than funds provided under  
19 this section.

20 (C) EXCEPTION.—The Administrator may  
21 waive the Federal share limitation under sub-  
22 paragraph (A) for an eligible entity that has  
23 adequately demonstrated financial need.

24 (d) REPORT TO CONGRESS.—Not later than 2 years  
25 after the date on which the Administrator first awards a

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1 grant under this section, the Administrator shall submit  
2 to Congress a report that includes, with respect to the pe-  
3 riod covered by the report—

4 (1) a description of all grants provided under  
5 this section;

6 (2) a detailed description of—

7 (A) the projects supported by those grants;

8 and

9 (B) the outcomes of those projects;

10 (3) a description of the improvements in tech-  
11 nology, environmental benefits, resources conserved,  
12 efficiencies, and other benefits of the projects funded  
13 under this section;

14 (4) recommendations for improvements to pro-  
15 mote and support new and emerging, but proven,  
16 stormwater control infrastructure, including research  
17 into new and emerging technologies, for the centers,  
18 grants, and activities under this section; and

19 (5) a description of existing challenges con-  
20 cerning the use of new and emerging, but proven,  
21 stormwater control infrastructure.

22 (e) AUTHORIZATION OF APPROPRIATIONS.—

23 (1) IN GENERAL.—There is authorized to be  
24 appropriated to carry out this section (except for



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1 subsection (b)) \$10,000,000 for each of fiscal years  
2 2022 through 2026.

3 (2) LIMITATION ON USE OF FUNDS.—Of the  
4 amounts made available for grants under paragraph  
5 (1), not more than 2 percent may be used to pay the  
6 administrative costs of the Administrator.

7 **SEC. 20218. WATER REUSE INTERAGENCY WORKING**  
8 **GROUP.**

9 (a) IN GENERAL.—Not later than 180 days after the  
10 date of enactment of this Act, the Administrator shall es-  
11 tablish a Water Reuse Interagency Working Group (re-  
12 ferred to in this section as the “Working Group”).

13 (b) PURPOSE.—The purpose of the Working Group  
14 is to develop and coordinate actions, tools, and resources  
15 to advance water reuse across the United States, including  
16 through the implementation of the February 2020 Na-  
17 tional Water Reuse Action Plan, which creates opportuni-  
18 ties for water reuse in the mission areas of each of the  
19 Federal agencies included in the Working Group under  
20 subsection (c) (referred to in this section as the “Action  
21 Plan”).

22 (c) CHAIRPERSON; MEMBERSHIP.—The Working  
23 Group shall be—

24 (1) chaired by the Administrator; and

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1           (2) comprised of senior representatives from  
2 such Federal agencies as the Administrator deter-  
3 mines to be appropriate.

4           (d) DUTIES OF THE WORKING GROUP.—In carrying  
5 out this section, the Working Group shall—

6           (1) with respect to water reuse, leverage the ex-  
7 pertise of industry, the research community, non-  
8 governmental organizations, and government;

9           (2) seek to foster water reuse as an important  
10 component of integrated water resources manage-  
11 ment;

12           (3) conduct an assessment of new opportunities  
13 to advance water reuse and annually update the Ac-  
14 tion Plan with new actions, as necessary, to pursue  
15 those opportunities;

16           (4) seek to coordinate Federal programs and  
17 policies to support the adoption of water reuse;

18           (5) consider how each Federal agency can ex-  
19 plore and identify opportunities to support water  
20 reuse through the programs and activities of that  
21 Federal agency; and

22           (6) consult, on a regular basis, with representa-  
23 tives of relevant industries, the research community,  
24 and nongovernmental organizations.

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1 (e) REPORT.—Not less frequently than once every 2  
2 years, the Administrator shall submit to Congress a report  
3 on the activities and findings of the Working Group.

4 (f) SUNSET.—

5 (1) IN GENERAL.—Subject to paragraph (2),  
6 the Working Group shall terminate on the date that  
7 is 6 years after the date of enactment of this Act.

8 (2) EXTENSION.—The Administrator may ex-  
9 tend the date of termination of the Working Group  
10 under paragraph (1).

11 **SEC. 20219. ADVANCED CLEAN WATER TECHNOLOGIES**  
12 **STUDY.**

13 (a) IN GENERAL.—Subject to the availability of ap-  
14 propriations, not later than 2 years after the date of enact-  
15 ment of this Act, the Administrator shall carry out a study  
16 that examines the state of existing and potential future  
17 technology, including technology that could address cyber-  
18 security vulnerabilities, that enhances or could enhance  
19 the treatment, monitoring, affordability, efficiency, and  
20 safety of wastewater services provided by a treatment  
21 works (as defined in section 212 of the Federal Water Pol-  
22 lution Control Act (33 U.S.C. 1292)).

23 (b) REPORT.—The Administrator shall submit to the  
24 Committee on Environment and Public Works of the Sen-  
25 ate and the Committee on Energy and Commerce of the

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1 House of Representatives a report that describes the re-  
2 sults of the study under subsection (a).

3 **SEC. 20220. CLEAN WATERSHEDS NEEDS SURVEY.**

4 Title VI of the Federal Water Pollution Control Act  
5 (33 U.S.C. 1381 et seq.) is amended by adding at the end  
6 the following:

7 **“SEC. 609. CLEAN WATERSHEDS NEEDS SURVEY.**

8 “(a) REQUIREMENT.—Not later than 2 years after  
9 the date of enactment of this section, and not less fre-  
10 quently than once every 4 years thereafter, the Adminis-  
11 trator shall—

12 “(1) conduct and complete an assessment of  
13 capital improvement needs for all projects that are  
14 eligible under section 603(c) for assistance from  
15 State water pollution control revolving funds; and

16 “(2) submit to Congress a report describing the  
17 results of the assessment completed under para-  
18 graph (1).

19 “(b) AUTHORIZATION OF APPROPRIATIONS.—There  
20 is authorized to be appropriated to carry out the initial  
21 needs survey under subsection (a) \$5,000,000, to remain  
22 available until expended.”.

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1 **SEC. 20221. WATER RESOURCES RESEARCH ACT AMEND-**  
2 **MENTS.**

3 (a) CLARIFICATION OF RESEARCH ACTIVITIES.—Sec-  
4 tion 104(b)(1) of the Water Resources Research Act of  
5 1984 (42 U.S.C. 10303(b)(1)) is amended—

6 (1) in subparagraph (B)(ii), by striking “water-  
7 related phenomena” and inserting “water re-  
8 sources”; and

9 (2) in subparagraph (D), by striking the period  
10 at the end and inserting “; and”.

11 (b) COMPLIANCE REPORT.—Section 104 of the  
12 Water Resources Research Act of 1984 (42 U.S.C. 10303)  
13 is amended by striking subsection (c) and inserting the  
14 following:

15 “(c) GRANTS.—

16 “(1) IN GENERAL.—From the sums appro-  
17 priated pursuant to subsection (f), the Secretary  
18 shall make grants to each institute to be matched on  
19 a basis of no less than 1 non-Federal dollar for  
20 every 1 Federal dollar.

21 “(2) REPORT.—Not later than December 31 of  
22 each fiscal year, the Secretary shall submit to the  
23 Committee on Environment and Public Works of the  
24 Senate, the Committee on the Budget of the Senate,  
25 the Committee on Transportation and Infrastructure  
26 of the House of Representatives, and the Committee

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1 on the Budget of the House of Representatives a re-  
2 port regarding the compliance of each funding re-  
3 cipient with this subsection for the immediately pre-  
4 ceding fiscal year.”.

5 (e) EVALUATION OF WATER RESOURCES RESEARCH  
6 PROGRAM.—Section 104 of the Water Resources Research  
7 Act of 1984 (42 U.S.C. 10303) is amended by striking  
8 subsection (e) and inserting the following:

9 “(e) EVALUATION OF WATER RESOURCES RESEARCH  
10 PROGRAM.—

11 “(1) IN GENERAL.—The Secretary shall con-  
12 duct a careful and detailed evaluation of each insti-  
13 tute at least once every 5 years to determine—

14 “(A) the quality and relevance of the water  
15 resources research of the institute;

16 “(B) the effectiveness of the institute at  
17 producing measured results and applied water  
18 supply research; and

19 “(C) whether the effectiveness of the insti-  
20 tute as an institution for planning, conducting,  
21 and arranging for research warrants continued  
22 support under this section.

23 “(2) PROHIBITION ON FURTHER SUPPORT.—If,  
24 as a result of an evaluation under paragraph (1), the  
25 Secretary determines that an institute does not qual-

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1 ify for further support under this section, no further  
2 grants to the institute may be provided until the  
3 qualifications of the institute are reestablished to the  
4 satisfaction of the Secretary.”.

5 (d) AUTHORIZATION OF APPROPRIATIONS.—Section  
6 104(f)(1) of the Water Resources Research Act of 1984  
7 (42 U.S.C. 10303(f)(1)) is amended by striking “fiscal  
8 years 2007 through 2011” and inserting “fiscal years  
9 2022 through 2025”.

10 (e) ADDITIONAL APPROPRIATIONS WHERE RE-  
11 SEARCH FOCUSED ON WATER PROBLEMS OF INTERSTATE  
12 NATURE.—Section 104(g)(1) of the Water Resources Re-  
13 search Act of 1984 (42 U.S.C. 10303(g)(1)) is amended  
14 in the first sentence by striking “\$6,000,000 for each of  
15 fiscal years 2007 through 2011” and inserting  
16 “\$3,000,000 for each of fiscal years 2022 through 2025”.

17 **SEC. 20222. ENHANCED AQUIFER USE AND RECHARGE.**

18 Title I of the Federal Water Pollution Control Act  
19 (33 U.S.C. 1251 et seq.) is amended by adding at the end  
20 the following:

21 **“SEC. 124. ENHANCED AQUIFER USE AND RECHARGE.**

22 “(a) IN GENERAL.—Subject to the availability of ap-  
23 propriations, the Administrator shall provide funding to  
24 carry out groundwater research on enhanced aquifer use

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1 and recharge in support of sole-source aquifers, of  
2 which—

3 “(1) not less than 50 percent shall be used to  
4 provide 1 grant to a State, unit of local government,  
5 or Indian Tribe to carry out activities that would di-  
6 rectly support that research; and

7 “(2) the remainder shall be provided to 1 ap-  
8 propriate research center.

9 “(b) COORDINATION.—As a condition of accepting  
10 funds under subsection (a), the State, unit of local govern-  
11 ment, or Indian Tribe and the appropriate research center  
12 that receive funds under that subsection shall establish a  
13 formal research relationship for the purpose of coordi-  
14 nating efforts under this section.

15 “(c) AUTHORIZATION OF APPROPRIATIONS.—There  
16 is authorized to be appropriated to the Administrator to  
17 carry out this section \$5,000,000 for each of fiscal years  
18 2022 through 2026.”.

## 19 **TITLE III—OTHER MATTERS**

### 20 **SEC. 20301. CLEAN SCHOOL BUS PROGRAM.**

21 Section 741 of the Energy Policy Act of 2005 (42  
22 U.S.C. 16091) is amended to read as follows:

#### 23 **“SEC. 741. CLEAN SCHOOL BUS PROGRAM.**

24 “(a) DEFINITIONS.—In this section:



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1           “(1) ADMINISTRATOR.—The term ‘Adminis-  
2           trator’ means the Administrator of the Environ-  
3           mental Protection Agency.

4           “(2) ALTERNATIVE FUEL.—The term ‘alter-  
5           native fuel’ means liquefied natural gas, compressed  
6           natural gas, hydrogen, propane, or biofuels.

7           “(3) CLEAN SCHOOL BUS.—The term ‘clean  
8           school bus’ means a school bus that—

9                   “(A) the Administrator certifies reduces  
10                  emissions and is operated entirely or in part  
11                  using an alternative fuel; or

12                  “(B) is a zero-emission school bus.

13           “(4) ELIGIBLE CONTRACTOR.—The term ‘eligi-  
14           ble contractor’ means a contractor that is a for-prof-  
15           it, not-for-profit, or nonprofit entity that has the ca-  
16           pacity—

17                   “(A) to sell clean school buses, zero-emis-  
18                  sion school buses, charging or fueling infra-  
19                  structure, or other equipment needed to charge,  
20                  fuel, or maintain clean school buses or zero-  
21                  emission school buses, to individuals or entities  
22                  that own a school bus or a fleet of school buses;  
23                  or

24                   “(B) to arrange financing for such a sale.

25           “(5) ELIGIBLE RECIPIENT.—

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1           “(A) IN GENERAL.—Subject to subpara-  
2 graph (B), the term ‘eligible recipient’ means—

3                   “(i) 1 or more local or State govern-  
4 mental entities responsible for—

5                           “(I) providing school bus service  
6 to 1 or more public school systems; or

7                           “(II) the purchase of school  
8 buses;

9                           “(ii) an eligible contractor;

10                           “(iii) a nonprofit school transportation  
11 association; or

12                           “(iv) 1 or more Indian Tribes (as de-  
13 fined in section 4 of the Indian Self-Deter-  
14 mination and Education Assistance Act  
15 (25 U.S.C. 5304)), Tribal organizations  
16 (as defined in that section), or tribally con-  
17 trolled schools (as defined in section 5212  
18 of the Tribally Controlled Schools Act of  
19 1988 (25 U.S.C. 2511)) that are respon-  
20 sible for—

21                           “(I) providing school bus service  
22 to a Bureau-funded school (as defined  
23 in section 1141 of the Education  
24 Amendments of 1978 (25 U.S.C.  
25 2021)); or

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1                   “(II) the purchase of school  
2                   buses.

3                   “(B) SPECIAL REQUIREMENTS.—In the  
4                   case of eligible recipients identified under  
5                   clauses (ii) and (iii) of subparagraph (A), the  
6                   Administrator shall establish timely and appro-  
7                   priate requirements for notice and shall estab-  
8                   lish timely and appropriate requirements for ap-  
9                   proval by the public school systems that would  
10                  be served by buses purchased using award  
11                  funds made available under this section.

12                  “(6) HIGH-NEED LOCAL EDUCATIONAL AGEN-  
13                  CY.—The term ‘high-need local educational agency’  
14                  means a local educational agency (as defined in sec-  
15                  tion 8101 of the Elementary and Secondary Edu-  
16                  cation Act of 1965 (20 U.S.C. 7801)) that is among  
17                  the local educational agencies in the applicable State  
18                  with high percentages of children counted under sec-  
19                  tion 1124(c) of the Elementary and Secondary Edu-  
20                  cation Act of 1965 (20 U.S.C. 6333(c)), on the basis  
21                  of the most recent satisfactory data available, as de-  
22                  termined by the Secretary of Education (or, for a  
23                  local educational agency for which no such data is  
24                  available, such other data as the Secretary of Edu-  
25                  cation determines to be satisfactory).

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1           “(7) SCHOOL BUS.—The term ‘school bus’ has  
2 the meaning given the term ‘schoolbus’ in section  
3 30125(a) of title 49, United States Code.

4           “(8) ZERO-EMISSION SCHOOL BUS.—The term  
5 ‘zero-emission school bus’ means a school bus that  
6 is certified by the Administrator to have a drivetrain  
7 that produces, under any possible operational mode  
8 or condition, zero exhaust emission of—

9           “(A) any air pollutant that is listed pursu-  
10 ant to section 108(a) of the Clean Air Act (42  
11 U.S.C. 7408(a)) (or any precursor to such an  
12 air pollutant); and

13           “(B) any greenhouse gas.

14           “(b) PROGRAM FOR REPLACEMENT OF EXISTING  
15 SCHOOL BUSES WITH CLEAN SCHOOL BUSES AND ZERO-  
16 EMISSION SCHOOL BUSES.—

17           “(1) ESTABLISHMENT.—The Administrator  
18 shall establish a program—

19           “(A) to award grants and rebates on a  
20 competitive basis to eligible recipients for the  
21 replacement of existing school buses with clean  
22 school buses;

23           “(B) to award grants and rebates on a  
24 competitive basis to eligible recipients for the

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1 replacement of existing school buses with zero-  
2 emission school buses;

3 “(C) to award contracts to eligible contrac-  
4 tors to provide rebates for the replacement of  
5 existing school buses with clean school buses;  
6 and

7 “(D) to award contracts to eligible contrac-  
8 tors to provide rebates for the replacement of  
9 existing school buses with zero-emission school  
10 buses.

11 “(2) ALLOCATION OF FUNDS.—Of the amounts  
12 made available for awards under paragraph (1) in a  
13 fiscal year, the Administrator shall award—

14 “(A) 50 percent to replace existing school  
15 buses with zero-emission school buses; and

16 “(B) 50 percent to replace existing school  
17 buses with clean school buses and zero-emission  
18 school buses.

19 “(3) CONSIDERATIONS.—In making awards  
20 under paragraph (2)(B), the Administrator shall  
21 take into account the following criteria and shall not  
22 give preference to any individual criterion:

23 “(A) Lowest overall cost of bus replace-  
24 ment.

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1           “(B) Local conditions, including the length  
2 of bus routes and weather conditions.

3           “(C) Technologies that most reduce emis-  
4 sions.

5           “(D) Whether funds will bring new tech-  
6 nologies to scale or promote cost parity between  
7 old technology and new technology.

8           “(4) PRIORITY OF APPLICATIONS.—In making  
9 awards under paragraph (1), the Administrator may  
10 prioritize applicants that—

11           “(A) propose to replace school buses that  
12 serve—

13           “(i) a high-need local educational  
14 agency;

15           “(ii) a Bureau-funded school (as de-  
16 fined in section 1141 of the Education  
17 Amendments of 1978 (25 U.S.C. 2021));  
18 or

19           “(iii) a local educational agency that  
20 receives a basic support payment under  
21 section 7003(b)(1) of the Elementary and  
22 Secondary Education Act of 1965 (20  
23 U.S.C. 7703(b)(1)) for children who reside  
24 on Indian land;

25           “(B) serve rural or low-income areas; or

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1           “(C) propose to complement the assistance  
2 received through the award by securing addi-  
3 tional sources of funding for the activities sup-  
4 ported through the award, such as through—

5                   “(i) public-private partnerships;

6                   “(ii) grants from other entities; or

7                   “(iii) issuance of school bonds.

8           “(5) USE OF SCHOOL BUS FLEET.—All clean  
9 school buses and zero-emission school buses acquired  
10 with funds provided under this section shall—

11                   “(A) be operated as part of the school bus  
12 fleet for which the award was made for not less  
13 than 5 years;

14                   “(B) be maintained, operated, and charged  
15 or fueled according to manufacturer rec-  
16 ommendations or State requirements; and

17                   “(C) not be manufactured or retrofitted  
18 with, or otherwise have installed, a power unit  
19 or other technology that creates air pollution  
20 within the school bus, such as an unvented die-  
21 sel passenger heater.

22           “(6) AWARDS.—

23                   “(A) IN GENERAL.—In making awards  
24 under paragraph (1), the Administrator may  
25 make awards for up to 100 percent of the costs

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1 for replacement of existing school buses with  
2 clean school buses, zero-emission school buses,  
3 and charging or fueling infrastructure.

4 “(B) STRUCTURING AWARDS.—In making  
5 an award under paragraph (1)(A), the Adminis-  
6 trator shall decide whether to award a grant or  
7 rebate, or a combination thereof, based pri-  
8 marily on how best to facilitate replacing exist-  
9 ing school buses with clean school buses or  
10 zero-emission school buses, as applicable.

11 “(7) DEPLOYMENT AND DISTRIBUTION.—

12 “(A) IN GENERAL.—The Administrator  
13 shall—

14 “(i) to the maximum extent prac-  
15 ticable, achieve nationwide deployment of  
16 clean school buses and zero-emission school  
17 buses through the program under this sec-  
18 tion; and

19 “(ii) ensure a broad geographic dis-  
20 tribution of awards.

21 “(B) LIMITATION.—The Administrator  
22 shall ensure that the amount received by all eli-  
23 gible entities in a State from grants and rebates  
24 under this section does not exceed 10 percent of



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1 the amounts made available to carry out this  
2 section during a fiscal year.

3 “(8) ANNUAL REPORT.—Not later than Janu-  
4 ary 31 of each year, the Administrator shall submit  
5 to Congress a report that evaluates the implementa-  
6 tion of this section and describes—

7 “(A) the total number of applications re-  
8 ceived;

9 “(B) the quantity and amount of grants  
10 and rebates awarded and the location of the re-  
11 cipients of the grants and rebates;

12 “(C) the criteria used to select the recipi-  
13 ents; and

14 “(D) any other information the Adminis-  
15 trator considers appropriate.

16 “(c) EDUCATION AND OUTREACH.—

17 “(1) IN GENERAL.—Not later than 120 days  
18 after the date of enactment of the Infrastructure In-  
19 vestment and Jobs Act, the Administrator shall de-  
20 velop an education and outreach program to promote  
21 and explain the award program under this section.

22 “(2) COORDINATION WITH STAKEHOLDERS.—  
23 The education and outreach program under para-  
24 graph (1) shall be designed and conducted in con-  
25 junction with interested stakeholders.

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1           “(3) COMPONENTS.—The education and out-  
2 reach program under paragraph (1) shall—

3           “(A) inform potential award recipients on  
4 the process of applying for awards and fulfilling  
5 the requirements of awards;

6           “(B) describe the available technologies  
7 and the benefits of using the technologies;

8           “(C) explain the benefits and costs in-  
9 curred by participating in the award program;

10           “(D) make available information regarding  
11 best practices, lessons learned, and technical  
12 and other information regarding—

13           “(i) clean school bus and zero-emis-  
14 sion school bus acquisition and deploy-  
15 ment;

16           “(ii) the build-out of associated infra-  
17 structure and advance planning with the  
18 local electricity supplier;

19           “(iii) workforce development, training,  
20 and Registered Apprenticeships that meet  
21 the requirements under parts 29 and 30 of  
22 title 29, Code of Federal Regulations (as  
23 in effect on December 1, 2019); and

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1                   “(iv) any other information that is  
2                   necessary, as determined by the Adminis-  
3                   trator; and

4                   “(E) include, as appropriate, information  
5                   from the annual report required under sub-  
6                   section (b)(7).

7           “(d) ADMINISTRATIVE COSTS.—The Administrator  
8           may use, for the administrative costs of carrying out this  
9           section, not more than 3 percent of the amounts made  
10           available to carry out this section for any fiscal year.

11           “(e) REGULATIONS.—The Administrator shall have  
12           the authority to issue such regulations or other guidance,  
13           forms, instructions, and publications as may be necessary  
14           or appropriate to carry out the programs, projects, or ac-  
15           tivities authorized under this section, including to ensure  
16           that such programs, projects, or activities are completed  
17           in a timely and effective manner, result in emissions re-  
18           ductions, and maximize public health benefits.

19           “(f) AUTHORIZATION OF APPROPRIATIONS.—There  
20           is authorized to be appropriated to the Administrator to  
21           carry out this section, to remain available until expended,  
22           \$1,000,000,000 for each of fiscal years 2022 through  
23           2026, of which—

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1           “(1) \$500,000,000 shall be made available for  
2           the adoption of clean school buses and zero-emission  
3           school buses; and

4           “(2) \$500,000,000 shall be made available for  
5           the adoption of zero-emission school buses.”.

6 **SEC. 20302. ELECTRIC OR LOW-EMITTING FERRY PILOT**  
7           **PROGRAM.**

8           (a) DEFINITIONS.—In this section:

9           (1) ALTERNATIVE FUEL.—The term “alter-  
10          native fuel” means—

11           (A) methanol, denatured ethanol, and  
12           other alcohols;

13           (B) a mixture containing at least 85 per-  
14           cent of methanol, denatured ethanol, and other  
15           alcohols by volume with gasoline or other fuels;

16           (C) natural gas;

17           (D) liquefied petroleum gas;

18           (E) hydrogen;

19           (F) fuels (except alcohol) derived from bio-  
20           logical materials;

21           (G) electricity (including electricity from  
22           solar energy); and

23           (H) any other fuel the Secretary prescribes  
24           by regulation that is not substantially petro-

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1 leum and that would yield substantial energy  
2 security and environmental benefits.

3 (2) **ELECTRIC OR LOW-EMITTING FERRY.**—The  
4 term “electric or low-emitting ferry” means a ferry  
5 that reduces emissions by utilizing alternative fuels  
6 or onboard energy storage systems and related  
7 charging infrastructure to reduce emissions or  
8 produce zero onboard emissions under normal oper-  
9 ation.

10 (3) **SECRETARY.**—The term “Secretary” means  
11 the Secretary of Transportation.

12 (b) **ESTABLISHMENT.**—The Secretary shall carry out  
13 a pilot program to provide grants for the purchase of elec-  
14 tric or low-emitting ferries and the electrification of or  
15 other reduction of emissions from existing ferries.

16 (c) **REQUIREMENT.**—In carrying out the pilot pro-  
17 gram under this section, the Secretary shall ensure that—

18 (1) not less than 1 grant under this section  
19 shall be for a ferry service that serves the State with  
20 the largest number of Marine Highway System  
21 miles; and

22 (2) not less than 1 grant under this section  
23 shall be for a bi-State ferry service—

24 (A) with an aging fleet; and

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1 (B) whose development of zero and low  
2 emission power source ferries will propose to  
3 advance the state of the technology toward in-  
4 creasing the range and capacity of zero emis-  
5 sion power source ferries.

6 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
7 authorized to be appropriated to the Secretary to carry  
8 out this section \$50,000,000 for each of fiscal years 2022  
9 through 2026.

10 **SEC. 20303. FERRY SERVICE FOR RURAL COMMUNITIES.**

11 (a) DEFINITIONS.—In this section:

12 (1) BASIC ESSENTIAL FERRY SERVICE.—The  
13 term “basic essential ferry service” means scheduled  
14 ferry transportation service.

15 (2) ELIGIBLE SERVICE.—The term “eligible  
16 service” means a ferry service that—

17 (A) operated a regular schedule at any  
18 time during the 5-year period ending on March  
19 1, 2020; and

20 (B) served not less than 2 rural areas lo-  
21 cated more than 50 sailing miles apart.

22 (3) RURAL AREA.—The term “rural area” has  
23 the meaning given the term in section 5302 of title  
24 49, United States Code.

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1           (4) SECRETARY.—The term “Secretary” means  
2           the Secretary of Transportation.

3           (b) ESTABLISHMENT.—The Secretary shall establish  
4           a program to ensure that basic essential ferry service is  
5           provided to rural areas by providing funds to States to  
6           provide such basic essential ferry service.

7           (c) PROGRAM CRITERIA.—The Secretary shall estab-  
8           lish requirements and criteria for participation in the pro-  
9           gram under this section, including requirements for the  
10          provision of funds to States.

11          (d) WAIVERS.—The Secretary shall establish criteria  
12          for the waiver of any requirement under this section.

13          (e) TREATMENT.—

14               (1) NOT ATTRIBUTABLE TO URBANIZED  
15               AREAS.—An eligible service that receives funds from  
16               a State under this section shall not be attributed to  
17               an urbanized area for purposes of apportioning  
18               funds under chapter 53 of title 49, United States  
19               Code.

20               (2) NO RECEIPT OF CERTAIN APPORTIONED  
21               FUNDS.—An eligible service that receives funds from  
22               a State under this section shall not receive funds ap-  
23               portioned under section 5336 or 5337 of title 49,  
24               United States Code, in the same fiscal year.

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1 (f) FUNDING.—There is authorized to be appro-  
2 priated to the Secretary to carry out this section  
3 \$200,000,000 for each of fiscal years 2022 through 2026.

4 (g) OPERATING COSTS.—

5 (1) Section 147 of title 23, United States Code,  
6 is amended by adding at the end the following:

7 “(k) ADDITIONAL USES.—Notwithstanding any other  
8 provision of law, in addition to other uses of funds under  
9 this section, an eligible entity may use amounts made  
10 available under this section to pay the operating costs of  
11 the eligible entity.”.

12 (2) Section 218(c) of title 23, United States  
13 Code (as amended by section 1116 of division A), is  
14 amended by inserting “operation, repair,” after  
15 “purchase,”.

## 16 **DIVISION C—ENERGY**

### 17 **SEC. 30001. DEFINITIONS.**

18 In this division:

19 (1) DEPARTMENT.—The term “Department”  
20 means the Department of Energy.

21 (2) INDIAN TRIBE.—The term “Indian Tribe”  
22 has the meaning given the term in section 4 of the  
23 Indian Self-Determination and Education Assistance  
24 Act (25 U.S.C. 5304).



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1 (3) SECRETARY.—The term “Secretary” means  
2 the Secretary of Energy.

3 **TITLE I—GRID INFRASTRUC-**  
4 **TURE AND RESILIENCY**  
5 **Subtitle A—Grid Infrastructure**  
6 **Resilience and Reliability**

7 **SEC. 30101. PREVENTING OUTAGES AND ENHANCING THE**  
8 **RESILIENCE OF THE ELECTRIC GRID.**

9 (a) DEFINITIONS.—In this section:

10 (1) DISRUPTIVE EVENT.—The term “disruptive  
11 event” means an event in which operations of the  
12 electric grid are disrupted, preventively shut off, or  
13 cannot operate safely due to extreme weather, wild-  
14 fire, or a natural disaster.

15 (2) ELIGIBLE ENTITY.—The term “eligible enti-  
16 ty” means—

17 (A) an electric grid operator;

18 (B) an electricity storage operator;

19 (C) an electricity generator;

20 (D) a transmission owner or operator;

21 (E) a distribution provider;

22 (F) a fuel supplier; and

23 (G) any other relevant entity, as deter-  
24 mined by the Secretary.

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1           (3) NATURAL DISASTER.—The term “natural  
2 disaster” has the meaning given the term in section  
3 602(a) of the Robert T. Stafford Disaster Relief and  
4 Emergency Assistance Act (42 U.S.C. 5195a(a)).

5           (4) POWER LINE.—The term “power line” in-  
6 cludes a transmission line or a distribution line, as  
7 applicable.

8           (5) PROGRAM.—The term “program” means  
9 the program established under subsection (b).

10          (b) ESTABLISHMENT OF PROGRAM.—Not later than  
11 180 days after the date of enactment of this Act, the Sec-  
12 retary shall establish a program under which the Secretary  
13 shall make grants to eligible entities, States, and Indian  
14 Tribes in accordance with this section.

15          (c) GRANTS TO ELIGIBLE ENTITIES.—

16           (1) IN GENERAL.—The Secretary may make a  
17 grant under the program to an eligible entity to  
18 carry out activities that—

19           (A) are supplemental to existing hardening  
20 efforts of the eligible entity planned for any  
21 given year; and

22           (B)(i) reduce the risk of any power lines  
23 owned or operated by the eligible entity causing  
24 a wildfire; or

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1 (ii) increase the ability of the eligible entity  
2 to reduce the likelihood and consequences of  
3 disruptive events.

4 (2) APPLICATION.—

5 (A) IN GENERAL.—An eligible entity desir-  
6 ing a grant under the program shall submit to  
7 the Secretary an application at such time, in  
8 such manner, and containing such information  
9 as the Secretary may require.

10 (B) REQUIREMENT.—As a condition of re-  
11 ceiving a grant under the program, an eligible  
12 entity shall submit to the Secretary, as part of  
13 the application of the eligible entity submitted  
14 under subparagraph (A), a report detailing  
15 past, current, and future efforts by the eligible  
16 entity to reduce the likelihood and consequences  
17 of disruptive events.

18 (3) LIMITATION.—The Secretary may not  
19 award a grant to an eligible entity in an amount  
20 that is greater than the total amount that the eligi-  
21 ble entity has spent in the previous 3 years on ef-  
22 forts to reduce the likelihood and consequences of  
23 disruptive events.

24 (4) PRIORITY.—In making grants to eligible en-  
25 tities under the program, the Secretary shall give

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1 priority to projects that, in the determination of the  
2 Secretary, will generate the greatest community ben-  
3 efit (whether rural or urban) in reducing the likeli-  
4 hood and consequences of disruptive events.

5 (5) SMALL UTILITIES SET ASIDE.—The Sec-  
6 retary shall ensure that not less than 30 percent of  
7 the amounts made available to eligible entities under  
8 the program are made available to eligible entities  
9 that sell not more than 4,000,000 megawatt hours  
10 of electricity per year.

11 (d) GRANTS TO STATES AND INDIAN TRIBES.—

12 (1) IN GENERAL.—The Secretary, in accord-  
13 ance with this subsection, may make grants under  
14 the program to States and Indian Tribes, which  
15 each State or Indian Tribe may use to award grants  
16 to eligible entities.

17 (2) ANNUAL APPLICATION.—

18 (A) IN GENERAL.—For each fiscal year, to  
19 be eligible to receive a grant under this sub-  
20 section, a State or Indian Tribe shall submit to  
21 the Secretary an application that includes a  
22 plan described in subparagraph (B).

23 (B) PLAN REQUIRED.—A plan prepared by  
24 a State or Indian Tribe for purposes of an ap-  
25 plication described in subparagraph (A) shall—

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1 (i) describe the criteria and methods  
2 that will be used by the State or Indian  
3 Tribe to award grants to eligible entities;

4 (ii) be adopted after notice and a pub-  
5 lic hearing; and

6 (iii) describe the proposed funding  
7 distributions and recipients of the grants  
8 to be provided by the State or Indian  
9 Tribe.

10 (3) DISTRIBUTION OF FUNDS.—

11 (A) IN GENERAL.—The Secretary shall  
12 provide grants to States and Indian Tribes  
13 under this subsection based on a formula deter-  
14 mined by the Secretary, in accordance with sub-  
15 paragraph (B).

16 (B) REQUIREMENT.—The formula referred  
17 to in subparagraph (A) shall be based on the  
18 following factors:

19 (i) The total population of the State  
20 or Indian Tribe.

21 (ii)(I) The total area of the State or  
22 the land of the Indian Tribe; or

23 (II) the areas in the State or on the  
24 land of the Indian Tribe with a low ratio

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1 of electricity customers per mileage of  
2 power lines.

3 (iii) The probability of disruptive  
4 events in the State or on the land of the  
5 Indian Tribe during the previous 10 years,  
6 as determined based on the number of fed-  
7 erally declared disasters or emergencies in  
8 the State or on the land of the Indian  
9 Tribe, as applicable, including—

10 (I) disasters for which Fire Man-  
11 agement Assistance Grants are pro-  
12 vided under section 420 of the Robert  
13 T. Stafford Disaster Relief and Emer-  
14 gency Assistance Act (42 U.S.C.  
15 5187);

16 (II) major disasters declared by  
17 the President under section 401 of  
18 that Act (42 U.S.C. 5170);

19 (III) emergencies declared by the  
20 President under section 501 of that  
21 Act (42 U.S.C. 5191); and

22 (IV) any other federally declared  
23 disaster or emergency in the State or  
24 on the land of the Indian Tribe.

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1 (iv) The number and severity, meas-  
2 ured by population and economic impacts,  
3 of disruptive events experienced by the  
4 State or Indian Tribe on or after January  
5 1, 2011.

6 (v) The total amount, on a per capita  
7 basis, of public and private expenditures  
8 during the previous 10 years to carry out  
9 mitigation efforts to reduce the likelihood  
10 and consequences of disruptive events in  
11 the State or on the land of the Indian  
12 Tribe, with States or Indian Tribes with  
13 higher per capita expenditures receiving  
14 additional weight or consideration as com-  
15 pared to States or Indian Tribes with  
16 lower per capita expenditures.

17 (C) ANNUAL UPDATE OF DATA USED IN  
18 DISTRIBUTION OF FUNDS.—Beginning 1 year  
19 after the date of enactment of this Act, the Sec-  
20 retary shall annually update—

21 (i) all data relating to the factors de-  
22 scribed in subparagraph (B); and

23 (ii) all other data used in distributing  
24 grants to States and Indian Tribes under  
25 this subsection.

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1           (4) OVERSIGHT.—The Secretary shall ensure  
2           that each grant provided to a State or Indian Tribe  
3           under the program is allocated, pursuant to the ap-  
4           plicable plan of the State or Indian Tribe, to eligible  
5           entities for projects within the State or on the land  
6           of the Indian Tribe.

7           (5) PRIORITY.—In making grants to eligible en-  
8           tities using funds made available to the applicable  
9           State or Indian Tribe under the program, the State  
10          or Indian Tribe shall give priority to projects that,  
11          in the determination of the State or Indian Tribe,  
12          will generate the greatest community benefit (wheth-  
13          er rural or urban) in reducing the likelihood and  
14          consequences of disruptive events.

15          (6) SMALL UTILITIES SET ASIDE.—A State or  
16          Indian Tribe receiving a grant under the program  
17          shall ensure that, of the amounts made available to  
18          eligible entities from funds made available to the  
19          State or Indian Tribe under the program, the per-  
20          centage made available to eligible entities that sell  
21          not more than 4,000,000 megawatt hours of elec-  
22          tricity per year is not less than the percentage of all  
23          customers in the State or Indian Tribe that are  
24          served by those eligible entities.



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1           (7) TECHNICAL ASSISTANCE AND ADMINISTRA-  
2 TIVE EXPENSES.—Of the amounts made available to  
3 a State or Indian Tribe under the program each fis-  
4 cal year, the State or Indian Tribe may use not  
5 more than 5 percent for—

6           (A) providing technical assistance under  
7 subsection (g)(1)(A); and

8           (B) administrative expenses associated  
9 with the program.

10          (8) MATCHING REQUIREMENT.—Each State  
11 and Indian Tribe shall be required to match 15 per-  
12 cent of the amount of each grant provided to the  
13 State or Indian Tribe under the program.

14          (e) USE OF GRANTS.—

15           (1) IN GENERAL.—A grant awarded to an eligi-  
16 ble entity under the program may be used for activi-  
17 ties, technologies, equipment, and hardening meas-  
18 ures to reduce the likelihood and consequences of  
19 disruptive events, including—

20           (A) weatherization technologies and equip-  
21 ment;

22           (B) fire-resistant technologies and fire pre-  
23 vention systems;

24           (C) monitoring and control technologies;

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1 (D) the undergrounding of electrical equip-  
2 ment;

3 (E) utility pole management;

4 (F) the relocation of power lines or the  
5 reconductoring of power lines with low-sag, ad-  
6 vanced conductors;

7 (G) vegetation and fuel-load management;

8 (H) the use or construction of distributed  
9 energy resources for enhancing system adaptive  
10 capacity during disruptive events, including—

11 (i) microgrids; and

12 (ii) battery-storage subcomponents;

13 (I) adaptive protection technologies;

14 (J) advanced modeling technologies;

15 (K) hardening of power lines, facilities,  
16 substations, of other systems; and

17 (L) the replacement of old overhead con-  
18 ductors and underground cables.

19 (2) PROHIBITIONS AND LIMITATIONS.—

20 (A) IN GENERAL.—A grant awarded to an  
21 eligible entity under the program may not be  
22 used for—

23 (i) construction of a new—

24 (I) electric generating facility; or

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1 (II) large-scale battery-storage  
2 facility that is not used for enhancing  
3 system adaptive capacity during dis-  
4 ruptive events; or  
5 (ii) cybersecurity.

6 (B) CERTAIN INVESTMENTS ELIGIBLE FOR  
7 RECOVERY.—

8 (i) IN GENERAL.—An eligible entity  
9 may not seek cost recovery for the portion  
10 of the cost of any system, technology, or  
11 equipment that is funded through a grant  
12 awarded under the program.

13 (ii) SAVINGS PROVISION.—Nothing in  
14 this subparagraph prohibits an eligible en-  
15 tity from recovering through traditional or  
16 incentive-based ratemaking any portion of  
17 an investment in a system, technology, or  
18 equipment that is not funded by a grant  
19 awarded under the program.

20 (C) APPLICATION LIMITATIONS.—An eligi-  
21 ble entity may not submit an application for a  
22 grant provided by the Secretary under sub-  
23 section (c) and a grant provided by a State or  
24 Indian Tribe pursuant to subsection (d) during  
25 the same application cycle.

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1 (f) DISTRIBUTION OF FUNDING.—Of the amounts  
2 made available to carry out the program for a fiscal year,  
3 the Secretary shall ensure that—

4 (1) 50 percent is used to award grants to eligi-  
5 ble entities under subsection (c); and

6 (2) 50 percent is used to make grants to States  
7 and Indian Tribes under subsection (d).

8 (g) TECHNICAL AND OTHER ASSISTANCE.—

9 (1) IN GENERAL.—The Secretary, States, and  
10 Indian Tribes may—

11 (A) provide technical assistance and facili-  
12 tate the distribution and sharing of information  
13 to reduce the likelihood and consequences of  
14 disruptive events; and

15 (B) promulgate consumer-facing informa-  
16 tion and resources to inform the public of best  
17 practices and resources relating to reducing the  
18 likelihood and consequences of disruptive  
19 events.

20 (2) USE OF FUNDS BY THE SECRETARY.—Of  
21 the amounts made available to the Secretary to  
22 carry out the program each fiscal year, the Secretary  
23 may use not more than 5 percent for—

24 (A) providing technical assistance under  
25 paragraph (1)(A); and

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1 (B) administrative expenses associated  
2 with the program.

3 (h) MATCHING REQUIREMENT.—

4 (1) IN GENERAL.—Except as provided in para-  
5 graph (2), an eligible entity that receives a grant  
6 under this section shall be required to match 100  
7 percent of the amount of the grant.

8 (2) EXCEPTION FOR SMALL UTILITIES.—An eli-  
9 gible entity that sells not more than 4,000,000  
10 megawatt hours of electricity per year shall be re-  
11 quired to match  $\frac{1}{3}$  of the amount of the grant.

12 (i) BIENNIAL REPORT TO CONGRESS.—

13 (1) IN GENERAL.—Not later than 2 years after  
14 the date of enactment of this Act, and every 2 years  
15 thereafter through 2026, the Secretary shall submit  
16 to the Committee on Energy and Natural Resources  
17 of the Senate and the Committee on Energy and  
18 Commerce of the House of Representatives a report  
19 describing the program.

20 (2) REQUIREMENTS.—The report under para-  
21 graph (1) shall include information and data on—

22 (A) the costs of the projects for which  
23 grants are awarded to eligible entities;

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1 (B) the types of activities, technologies,  
2 equipment, and hardening measures funded by  
3 those grants; and

4 (C) the extent to which the ability of the  
5 power grid to withstand disruptive events has  
6 increased.

7 (j) AUTHORIZATION OF APPROPRIATIONS.—There is  
8 authorized to be appropriated to the Secretary to carry  
9 out the program \$5,000,000,000 for the period of fiscal  
10 years 2022 through 2026.

11 **SEC. 30102. HAZARD MITIGATION USING DISASTER ASSIST-**  
12 **ANCE.**

13 Section 404(f)(12) of the Robert T. Stafford Disaster  
14 Relief and Emergency Assistance Act (42 U.S.C.  
15 5170c(f)(12)) is amended—

16 (1) by inserting “and wildfire” after “wind-  
17 storm”;

18 (2) by striking “including replacing” and in-  
19 serting the following: “including—

20 “(A) replacing”;

21 (3) in subparagraph (A) (as so designated)—

22 (A) by inserting “, wildfire,” after “ex-  
23 treme wind”; and

24 (B) by adding “and” after the semicolon  
25 at the end; and

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1 (4) by adding at the end the following:

2 “(B) the installation of fire-resistant wires  
3 and infrastructure and the undergrounding of  
4 wires;”.

5 **SEC. 30103. ELECTRIC GRID RELIABILITY AND RESILIENCE**  
6 **RESEARCH, DEVELOPMENT, AND DEM-**  
7 **ONSTRATION.**

8 (a) DEFINITION OF FEDERAL FINANCIAL ASSIST-  
9 ANCE.—In this section, the term “Federal financial assist-  
10 ance” has the meaning given the term in section 200.1  
11 of title 2, Code of Federal Regulations.

12 (b) ENERGY INFRASTRUCTURE FEDERAL FINANCIAL  
13 ASSISTANCE PROGRAM.—

14 (1) DEFINITIONS.—In this subsection:

15 (A) ELIGIBLE ENTITY.—The term “eligible  
16 entity” means each of—

17 (i) a State;

18 (ii) a combination of 2 or more  
19 States;

20 (iii) an Indian Tribe;

21 (iv) a unit of local government; and

22 (v) a public utility commission.

23 (B) PROGRAM.—The term “program”  
24 means the competitive Federal financial assist-  
25 ance program established under paragraph (2).

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1           (2) ESTABLISHMENT.—Not later than 180 days  
2 after the date of enactment of this Act, the Sec-  
3 retary shall establish a program, to be known as the  
4 “Program Upgrading Our Electric Grid and Ensuring  
5 Reliability and Resiliency”, to provide, on a com-  
6 petitive basis, Federal financial assistance to eligible  
7 entities to carry out the purpose described in para-  
8 graph (3).

9           (3) PURPOSE.—The purpose of the program is  
10 to coordinate and collaborate with electric sector  
11 owners and operators—

12                   (A) to demonstrate innovative approaches  
13 to transmission, storage, and distribution infra-  
14 structure to harden and enhance resilience and  
15 reliability; and

16                   (B) to demonstrate new approaches to en-  
17 hance regional grid resilience, implemented  
18 through States by public and rural electric co-  
19 operative entities on a cost-shared basis.

20           (4) APPLICATIONS.—To be eligible to receive  
21 Federal financial assistance under the program, an  
22 eligible entity shall submit to the Secretary an appli-  
23 cation at such time, in such manner, and containing  
24 such information as the Secretary may require, in-  
25 cluding a description of—



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1 (A) how the Federal financial assistance  
2 would be used;

3 (B) the expected beneficiaries, and

4 (C) in the case of a proposal from an eligi-  
5 ble entity described in paragraph (1)(A)(ii),  
6 how the proposal would improve regional energy  
7 infrastructure.

8 (5) SELECTION.—The Secretary shall select eli-  
9 gible entities to receive Federal financial assistance  
10 under the program on a competitive basis.

11 (6) COST SHARE.—Section 988 of the Energy  
12 Policy Act of 2005 (42 U.S.C. 16352) shall apply to  
13 Federal financial assistance provided under the pro-  
14 gram.

15 (7) AUTHORIZATION OF APPROPRIATIONS.—  
16 There is authorized to be appropriated to the Sec-  
17 retary to carry out this subsection, \$5,000,000,000  
18 for the period of fiscal years 2022 through 2026.

19 (c) ENERGY IMPROVEMENT IN RURAL OR REMOTE  
20 AREAS.—

21 (1) DEFINITION OF RURAL OR REMOTE  
22 AREA.—In this subsection, the term “rural or re-  
23 mote area” means a city, town, or unincorporated  
24 area that has a population of not more than 10,000  
25 inhabitants.

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1           (2) REQUIRED ACTIVITIES.—The Secretary  
2 shall carry out activities to improve in rural or re-  
3 mote areas of the United States—

4           (A) the resilience, safety, reliability, and  
5 availability of energy; and

6           (B) environmental protection from adverse  
7 impacts of energy generation.

8           (3) FEDERAL FINANCIAL ASSISTANCE.—The  
9 Secretary, in consultation with the Secretary of the  
10 Interior, may provide Federal financial assistance to  
11 rural or remote areas for the purpose of—

12           (A) overall cost-effectiveness of energy gen-  
13 eration, transmission, or distribution systems;

14           (B) siting or upgrading transmission and  
15 distribution lines;

16           (C) reducing greenhouse gas emissions  
17 from energy generation by rural or remote  
18 areas;

19           (D) providing or modernizing electric gen-  
20 eration facilities;

21           (E) developing microgrids; and

22           (F) increasing energy efficiency.

23           (4) AUTHORIZATION OF APPROPRIATIONS.—  
24 There is authorized to be appropriated to the Sec-

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1       retary to carry out this subsection, \$1,000,000,000  
2       for the period of fiscal years 2022 through 2026.

3       (d) ENERGY INFRASTRUCTURE RESILIENCE FRAME-  
4 WORK.—

5           (1) IN GENERAL.—The Secretary, in collabora-  
6       tion with the Secretary of Homeland Security, the  
7       Federal Energy Regulatory Commission, the North  
8       American Electric Reliability Corporation, and inter-  
9       ested energy infrastructure stakeholders, shall de-  
10      velop common analytical frameworks, tools, metrics,  
11      and data to assess the resilience, reliability, safety,  
12      and security of energy infrastructure in the United  
13      States, including by developing and storing an inven-  
14      tory of easily transported high-voltage recovery  
15      transformers and other required equipment.

16           (2) ASSESSMENT AND REPORT.—

17           (A) ASSESSMENT.—The Secretary shall  
18      carry out an assessment of—

19           (i) with respect to the inventory of  
20      high-voltage recovery transformers, new  
21      transformers, and other equipment pro-  
22      posed to be developed and stored under  
23      paragraph (1)—

24           (I) the policies, technical speci-  
25      fications, and logistical and program

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1 structures necessary to mitigate the  
2 risks associated with the loss of high-  
3 voltage recovery transformers;

4 (II) the technical specifications  
5 for high-voltage recovery trans-  
6 formers;

7 (III) where inventory of high-  
8 voltage recovery transformers should  
9 be stored;

10 (IV) the quantity of high-voltage  
11 recovery transformers necessary for  
12 the inventory;

13 (V) how the stored inventory of  
14 high-voltage recovery transformers  
15 would be secured and maintained;

16 (VI) how the high-voltage recov-  
17 ery transformers may be transported;

18 (VII) opportunities for developing  
19 new flexible advanced transformer de-  
20 signs; and

21 (VIII) whether new Federal regu-  
22 lations or cost-sharing requirements  
23 are necessary to carry out the storage  
24 of high-voltage recovery transformers;  
25 and

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1 (ii) any efforts carried out by industry  
2 as of the date of the assessment—

3 (I) to share transformers and  
4 equipment;

5 (II) to develop plans for next  
6 generation transformers; and

7 (III) to plan for surge and long-  
8 term manufacturing of, and long-term  
9 standardization of, transformer de-  
10 signs.

11 (B) PROTECTION OF INFORMATION.—In-  
12 formation that is provided to, generated by, or  
13 collected by the Secretary under subparagraph  
14 (A) shall be considered to be critical electric in-  
15 frastructure information under section 215A of  
16 the Federal Power Act (16 U.S.C. 824o–1).

17 (C) REPORT.—Not later than 180 days  
18 after the date of enactment of this Act, the Sec-  
19 retary shall submit to Congress a report de-  
20 scribing the results of the assessment carried  
21 out under subparagraph (A).

22 **SEC. 30104. UTILITY DEMAND RESPONSE.**

23 (a) CONSIDERATION OF DEMAND-RESPONSE STAND-  
24 ARD.—

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1           (1) IN GENERAL.—Section 111(d) of the Public  
2           Utility Regulatory Policies Act of 1978 (16 U.S.C.  
3           2621(d)) is amended by adding at the end the fol-  
4           lowing:

5           “(20) DEMAND-RESPONSE PRACTICES.—

6           “(A) IN GENERAL.—Each electric utility  
7           shall promote the use of demand-response and  
8           demand flexibility practices by commercial, resi-  
9           dential, and industrial consumers to reduce  
10          electricity consumption during periods of un-  
11          usually high demand.

12          “(B) RATE RECOVERY.—

13          “(i) IN GENERAL.—Each State regu-  
14          latory authority shall consider establishing  
15          rate mechanisms allowing an electric utility  
16          with respect to which the State regulatory  
17          authority has ratemaking authority to  
18          timely recover the costs of promoting de-  
19          mand-response and demand flexibility  
20          practices in accordance with subparagraph  
21          (A).

22          “(ii) NONREGULATED ELECTRIC UTIL-  
23          ITIES.—A nonregulated electric utility may  
24          establish rate mechanisms for the timely  
25          recovery of the costs of promoting demand-

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1 response and demand flexibility practices  
2 in accordance with subparagraph (A).”.

3 (2) COMPLIANCE.—

4 (A) TIME LIMITATIONS.—Section 112(b)  
5 of the Public Utility Regulatory Policies Act of  
6 1978 (16 U.S.C. 2622(b)) is amended by add-  
7 ing at the end the following:

8 “(7)(A) Not later than 1 year after the date of  
9 enactment of this paragraph, each State regulatory  
10 authority (with respect to each electric utility for  
11 which the State has ratemaking authority) and each  
12 nonregulated electric utility shall commence consid-  
13 eration under section 111, or set a hearing date for  
14 consideration, with respect to the standard estab-  
15 lished by paragraph (20) of section 111(d).

16 “(B) Not later than 2 years after the date of  
17 enactment of this paragraph, each State regulatory  
18 authority (with respect to each electric utility for  
19 which the State has ratemaking authority), and each  
20 nonregulated electric utility shall complete the con-  
21 sideration and make the determination under section  
22 111 with respect to the standard established by  
23 paragraph (20) of section 111(d).”.

24 (B) FAILURE TO COMPLY.—

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1 (i) IN GENERAL.—Section 112(c) of  
2 the Public Utility Regulatory Policies Act  
3 of 1978 (16 U.S.C. 2622(c)) is amended—

4 (I) by striking “such paragraph  
5 (14)” and all that follows through  
6 “paragraphs (16)” and inserting  
7 “such paragraph (14). In the case of  
8 the standard established by paragraph  
9 (15) of section 111(d), the reference  
10 contained in this subsection to the  
11 date of enactment of this Act shall be  
12 deemed to be a reference to the date  
13 of enactment of that paragraph (15).  
14 In the case of the standards estab-  
15 lished by paragraphs (16)”; and

16 (II) by adding at the end the fol-  
17 lowing: “In the case of the standard  
18 established by paragraph (20) of sec-  
19 tion 111(d), the reference contained in  
20 this subsection to the date of enact-  
21 ment of this Act shall be deemed to be  
22 a reference to the date of enactment  
23 of that paragraph (20).”.

24 (ii) TECHNICAL CORRECTION.—Para-  
25 graph (2) of section 1254(b) of the Energy



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1 Policy Act of 2005 (Public Law 109–58;  
2 119 Stat. 971) is repealed and the amend-  
3 ment made by that paragraph (as in effect  
4 on the day before the date of enactment of  
5 this Act) is void, and section 112(d) of the  
6 Public Utility Regulatory Policies Act of  
7 1978 (16 U.S.C. 2622(d)) shall be in ef-  
8 fect as if that amendment had not been en-  
9 acted.

10 (C) PRIOR STATE ACTIONS.—

11 (i) IN GENERAL.—Section 112 of the  
12 Public Utility Regulatory Policies Act of  
13 1978 (16 U.S.C. 2622) is amended by add-  
14 ing at the end the following:

15 “(g) PRIOR STATE ACTIONS.—Subsections (b) and  
16 (c) shall not apply to the standard established by para-  
17 graph (20) of section 111(d) in the case of any electric  
18 utility in a State if, before the date of enactment of this  
19 subsection—

20 “(1) the State has implemented for the electric  
21 utility the standard (or a comparable standard);

22 “(2) the State regulatory authority for the  
23 State or the relevant nonregulated electric utility has  
24 conducted a proceeding to consider implementation

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1 of the standard (or a comparable standard) for the  
2 electric utility; or

3 “(3) the State legislature has voted on the im-  
4 plementation of the standard (or a comparable  
5 standard) for the electric utility.”.

6 (ii) CROSS-REFERENCE.—Section 124  
7 of the Public Utility Regulatory Policies  
8 Act of 1978 (16 U.S.C. 2634) is amend-  
9 ed—

10 (I) by striking “this subsection”  
11 each place it appears and inserting  
12 “this section”; and

13 (II) by adding at the end the fol-  
14 lowing: “In the case of the standard  
15 established by paragraph (20) of sec-  
16 tion 111(d), the reference contained in  
17 this section to the date of enactment  
18 of this Act shall be deemed to be a  
19 reference to the date of enactment of  
20 that paragraph (20).”.

21 (b) OPTIONAL FEATURES OF STATE ENERGY CON-  
22 SERVATION PLANS.—Section 362(d) of the Energy Policy  
23 and Conservation Act (42 U.S.C. 6322(d)) is amended—

24 (1) in paragraph (16), by striking “and” at the  
25 end;

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1 (2) by redesignating paragraph (17) as para-  
2 graph (18); and

3 (3) by inserting after paragraph (16) the fol-  
4 lowing:

5 “(17) programs that promote the installation  
6 and use of demand-response technology and de-  
7 mand-response practices; and”.

8 (c) FEDERAL ENERGY MANAGEMENT PROGRAM.—  
9 Section 543(i) of the National Energy Conservation Policy  
10 Act (42 U.S.C. 8253(i)) is amended—

11 (1) in paragraph (1)—

12 (A) in subparagraph (A), by striking  
13 “and” at the end;

14 (B) in subparagraph (B), by striking the  
15 period at the end and inserting “; and”; and

16 (C) by adding at the end the following:

17 “(C) to reduce energy consumption during  
18 periods of unusually high electricity or natural  
19 gas demand.”; and

20 (2) in paragraph (3)(A)—

21 (A) in clause (v), by striking “and” at the  
22 end;

23 (B) in clause (vi), by striking the period at  
24 the end and inserting “; and”; and

25 (C) by adding at the end the following:

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1                   “(vii) promote the installation of de-  
2                   mand-response technology and the use of  
3                   demand-response practices in Federal  
4                   buildings.”.

5           (d) COMPONENTS OF ZERO-NET-ENERGY COMMER-  
6    CIAL BUILDINGS INITIATIVE.—Section 422(d)(3) of the  
7    Energy Independence and Security Act of 2007 (42  
8    U.S.C. 17082(d)) is amended by inserting “(including de-  
9    mand-response technologies, practices, and policies)” after  
10   “policies”.

11   **SEC. 30105. SITING OF INTERSTATE ELECTRIC TRANS-**  
12                   **MISSION FACILITIES.**

13           (a) DESIGNATION OF NATIONAL INTEREST ELEC-  
14    TRIC TRANSMISSION CORRIDORS.—Section 216(a) of the  
15    Federal Power Act (16 U.S.C. 824p(a)) is amended—

16                   (1) in paragraph (1)—

17                           (A) by inserting “and Indian Tribes” after  
18                   “affected States”; and

19                           (B) by inserting “capacity constraints  
20                   and” before “congestion”;

21                   (2) in paragraph (2)—

22                           (A) by striking “After” and inserting “Not  
23                   less frequently than once every 3 years, the Sec-  
24                   retary, after”; and

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1 (B) by striking “affected States” and all  
2 that follows through the period at the end and  
3 inserting the following: “affected States and In-  
4 dian Tribes), shall issue a report, based on the  
5 study under paragraph (1) or other information  
6 relating to electric transmission capacity con-  
7 straints and congestion, which may designate as  
8 a national interest electric transmission corridor  
9 any geographic area that—

10 “(i) is experiencing electric energy  
11 transmission capacity constraints or con-  
12 gestion that adversely affects consumers;  
13 or

14 “(ii) is expected to experience such  
15 energy transmission capacity constraints or  
16 congestion.”;

17 (3) in paragraph (3)—

18 (A) by striking “The Secretary shall con-  
19 duct the study and issue the report in consulta-  
20 tion” and inserting “Not less frequently than  
21 once every 3 years, the Secretary, in conducting  
22 the study under paragraph (1) and issuing the  
23 report under paragraph (2), shall consult”; and  
24 (4) in paragraph (4)—

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1 (A) in subparagraph (C), by inserting “or  
2 energy security” after “independence”;

3 (B) in subparagraph (D), by striking  
4 “and” at the end;

5 (C) in subparagraph (E), by striking the  
6 period at the end and inserting a semicolon;  
7 and

8 (D) by adding at the end the following:

9 “(F) the designation would enhance the ability  
10 of facilities that generate or transmit firm or inter-  
11 mittent energy to connect to the electric grid;

12 “(G) the designation—

13 “(i) maximizes existing rights-of-way; and

14 “(ii) avoids and minimizes, to the max-  
15 imum extent practicable, and offsets to the ex-  
16 tent appropriate and practicable, sensitive envi-  
17 ronmental areas and cultural heritage sites; and

18 “(H) the designation would result in a reduc-  
19 tion in the cost to purchase electric energy for con-  
20 sumers.”.

21 (b) CONSTRUCTION PERMIT.—Section 216(b) of the  
22 Federal Power Act (16 U.S.C. 824p(b)) is amended—

23 (1) in paragraph (1)—

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1 (A) in subparagraph (A)(ii), by inserting  
2 “or interregional benefits” after “interstate  
3 benefits”; and

4 (B) by striking subparagraph (C) and in-  
5 serting the following:

6 “(C) a State commission or other entity that  
7 has authority to approve the siting of the facilities—

8 “(i) has not made a determination on an  
9 application seeking approval pursuant to appli-  
10 cable law by the date that is 1 year after the  
11 later of—

12 “(I) the date on which the application  
13 was filed; and

14 “(II) the date on which the relevant  
15 national interest electric transmission cor-  
16 ridor was designated by the Secretary  
17 under subsection (a);

18 “(ii) has conditioned its approval in such a  
19 manner that the proposed construction or modi-  
20 fication will not significantly reduce trans-  
21 mission capacity constraints or congestion in  
22 interstate commerce or is not economically fea-  
23 sible; or

24 “(iii) has denied an application seeking ap-  
25 proval pursuant to applicable law;”.

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1 (c) RIGHTS-OF-WAY.—Section 216(e)(1) of the Fed-  
2 eral Power Act (16 U.S.C. 824p(e)(1)) is amended by  
3 striking “modify the transmission facilities, the” and in-  
4 serting “modify, and operate and maintain, the trans-  
5 mission facilities and, in the determination of the Commis-  
6 sion, the permit holder has made good faith efforts to en-  
7 gage with landowners and other stakeholders early in the  
8 applicable permitting process, the”.

9 (d) INTERSTATE COMPACTS.—Section 216(i) of the  
10 Federal Power Act (16 U.S.C. 824p(i)) is amended—

11 (1) in paragraph (2), by striking “may” and in-  
12 serting “shall”; and

13 (2) in paragraph (4), by striking “the mem-  
14 bers” and all that follows through the period at the  
15 end and inserting the following: “the Secretary de-  
16 termines that the members of the compact are in  
17 disagreement after the later of—

18 “(A) the date that is 1 year after the date  
19 on which the relevant application for the facility  
20 was filed; and

21 “(B) the date that is 1 year after the date  
22 on which the relevant national interest electric  
23 transmission corridor was designated by the  
24 Secretary under subsection (a).”.



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1 **SEC. 30106. RULEMAKING TO INCREASE THE EFFECTIVE-**  
2 **NESS OF INTERREGIONAL TRANSMISSION**  
3 **PLANNING.**

4 (a) IN GENERAL.—Not later than 180 days after the  
5 date of enactment of this Act, the Federal Energy Regu-  
6 latory Commission shall initiate a rulemaking address-  
7 ing—

8 (1) the effectiveness of existing planning proc-  
9 esses for identifying interregional transmission  
10 projects that provide economic, reliability and oper-  
11 ational benefits, taking into consideration the public  
12 interest, the integrity of markets, and the protection  
13 of consumers;

14 (2) changes to the processes described in para-  
15 graph (1) to ensure that efficient, cost-effective, and  
16 broadly beneficial interregional transmission solu-  
17 tions are selected for cost allocation, taking into con-  
18 sideration—

19 (A) the public interest;

20 (B) the protection of consumers;

21 (C) the broad range of economic, reli-  
22 ability, and operational benefits that inter-  
23 regional transmission provides;

24 (D) the needs of load-serving entities to  
25 satisfy their native load service obligations;

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1 (E) the need for single projects to secure  
2 approvals based on a comprehensive assessment  
3 of the multiple benefits provided;

4 (F) the importance of synchronization of  
5 planning processes in neighboring regions, such  
6 as using a joint model on a consistent timeline  
7 with a single set of needs, input assumptions,  
8 and benefit metrics;

9 (G) that evaluation of long-term scenarios  
10 should consider the expected life of a trans-  
11 mission asset and the potential for future  
12 changes in the topology of the transmission sys-  
13 tem;

14 (H) that transmission planning authorities  
15 should allow for the identification and joint  
16 evaluation of alternatives; and

17 (I) that interregional planning should be  
18 done regularly and not less frequently than  
19 once every 5 years; and

20 (3) cost allocation methodologies that reflect  
21 the multiple benefits provided by interregional trans-  
22 mission solutions, including economic, reliability, and  
23 operational benefits.

24 (b) **TIMING.**—Not later than 18 months after the  
25 date of enactment of this Act, the Federal Energy Regu-

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1 latory Commission shall promulgate a final rule to com-  
2 plete the rulemaking initiated under subsection (a).

3 (c) SAVINGS PROVISION.—Nothing in this section  
4 modifies the obligations of the Commission under section  
5 217(b)(4) of the Federal Power Act (16 U.S.C.  
6 824q(b)(4)).

7 **SEC. 30107. TRANSMISSION FACILITATION PROGRAM.**

8 (a) DEFINITIONS.—In this section:

9 (1) CAPACITY CONTRACT.—The term “capacity  
10 contract” means a contract entered into by the Sec-  
11 retary and an eligible entity under subsection  
12 (e)(1)(A) for the right to the use of the transmission  
13 capacity of an eligible project.

14 (2) ELIGIBLE ELECTRIC POWER TRANSMISSION  
15 LINE.—The term “eligible electric power trans-  
16 mission line” means an electric power transmission  
17 line that is capable of transmitting not less than—

18 (A) 1,000 megawatts; or

19 (B) in the case of a project that consists  
20 of upgrading an existing transmission line or  
21 constructing a new transmission line in an ex-  
22 isting transmission, transportation, or tele-  
23 communications infrastructure corridor, 500  
24 megawatts.

1           (3) ELIGIBLE ENTITY.—The term “eligible enti-  
2           ty” means a non-Federal entity seeking to carry out  
3           an eligible project.

4           (4) ELIGIBLE PROJECT.—The term “eligible  
5           project” means a project (including any related facil-  
6           ity)—

7                   (A) to construct a new or replace an exist-  
8                   ing eligible electric power transmission line;

9                   (B) to increase the transmission capacity  
10                  of an existing eligible electric power trans-  
11                  mission line; or

12                  (C) to connect an isolated microgrid to an  
13                  existing transmission, transportation, or tele-  
14                  communications infrastructure corridor located  
15                  in Alaska, Hawaii, or a territory of the United  
16                  States.

17           (5) FUND.—The term “Fund” means the  
18           Transmission Facilitation Fund established by sub-  
19           section (d)(1).

20           (6) PROGRAM.—The term “program” means  
21           the Transmission Facilitation Program established  
22           by subsection (b).

23           (7) RELATED FACILITY.—

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1 (A) IN GENERAL.—The term “related fa-  
2 cility” means a facility related to an eligible  
3 project described in paragraph (4).

4 (B) EXCLUSIONS.—The term “related fa-  
5 cility” does not include—

6 (i) facilities used primarily to generate  
7 electric energy; or

8 (ii) facilities used in the local distribu-  
9 tion of electric energy.

10 (b) ESTABLISHMENT.—There is established a pro-  
11 gram, to be known as the “Transmission Facilitation Pro-  
12 gram”, under which the Secretary shall facilitate the con-  
13 struction of non-Federal electric power transmission lines  
14 and related facilities in accordance with subsection (e).

15 (c) APPLICATIONS.—

16 (1) IN GENERAL.—To be eligible for assistance  
17 under this section, an eligible entity shall submit to  
18 the Secretary an application at such time, in such  
19 manner, and containing such information as the Sec-  
20 retary may require.

21 (2) PROCEDURES.—The Secretary shall estab-  
22 lish procedures for the solicitation and review of ap-  
23 plications from eligible entities.

24 (d) FUNDING.—

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1 (1) TRANSMISSION FACILITATION FUND.—

2 There is established in the Treasury a fund, to be  
3 known as the “Transmission Facilitation Fund”,  
4 consisting of—

5 (A) all amounts received by the Secretary,  
6 including receipts, collections, and recoveries,  
7 from any source relating to expenses incurred  
8 by the Secretary in carrying out the program,  
9 including—

10 (i) costs recovered pursuant to para-  
11 graph (4);

12 (ii) amounts received as repayment of  
13 a loan issued to an eligible entity under  
14 subsection (e)(1)(B); and

15 (iii) amounts contributed by eligible  
16 entities for the purpose of carrying out an  
17 eligible project with respect to which the  
18 Secretary is participating with the eligible  
19 entity under subsection (e)(1)(C);

20 (B) all amounts borrowed from the Sec-  
21 retary of the Treasury by the Secretary for the  
22 program under paragraph (2); and

23 (C) any amounts appropriated to the Sec-  
24 retary for the program.

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1           (2) BORROWING AUTHORITY.—The Secretary of  
2           the Treasury may, without further appropriation  
3           and without fiscal year limitation, loan to the Sec-  
4           retary on such terms as may be fixed by the Sec-  
5           retary and the Secretary of the Treasury, such sums  
6           as, in the judgment of the Secretary, are from time  
7           to time required for the purpose of carrying out the  
8           program, not to exceed, in the aggregate (including  
9           deferred interest), \$2,500,000,000 in outstanding  
10          repayable balances at any 1 time.

11          (3) AUTHORIZATION OF APPROPRIATIONS.—  
12          There is authorized to be appropriated to the Sec-  
13          retary to carry out the program, including for any  
14          administrative expenses of carrying out the program  
15          that are not recovered under paragraph (4),  
16          \$10,000,000 for each of fiscal years 2022 through  
17          2026.

18          (4) COST RECOVERY.—

19                (A) IN GENERAL.—Except as provided in  
20                subparagraph (B), the cost of any facilitation  
21                activities carried out by the Secretary under  
22                subsection (e)(1) shall be collected—

23                    (i) from eligible entities receiving the  
24                    benefit of the applicable facilitation activ-

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1           ity, on a schedule to be determined by the  
2           Secretary; or

3           (ii) with respect to a contracted trans-  
4           mission capacity under subsection  
5           (e)(1)(A) through rates charged for the  
6           use of the contracted transmission capac-  
7           ity.

8           (B) FORGIVENESS OF BALANCES.—

9           (i) TERMINATION OR END OF USEFUL  
10          LIFE.—If, at the end of the useful life of  
11          an eligible project or the termination of a  
12          capacity contract under subsection (f)(5),  
13          there is a remaining balance owed to the  
14          Treasury under this section, the balance  
15          shall be forgiven.

16          (ii) UNCONSTRUCTED PROJECTS.—  
17          Funds expended to study projects that are  
18          considered pursuant to this section but  
19          that are not constructed shall be forgiven.

20          (C) RECOVERY OF COSTS OF ELIGIBLE  
21          PROJECTS.—The Secretary may collect the  
22          costs of any activities carried out by the Sec-  
23          retary with respect to an eligible project in  
24          which the Secretary participates with an eligible  
25          entity under subsection (e)(1)(C) through rates



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1 charged to customers benefitting from the new  
2 transmission capability provided by the eligible  
3 project.

4 (e) FACILITATION OF ELIGIBLE PROJECTS.—

5 (1) IN GENERAL.—To facilitate eligible  
6 projects, the Secretary may—

7 (A) subject to subsections (f) and (i), enter  
8 into a capacity contract with respect to an eligi-  
9 ble project prior to the date on which the eligi-  
10 ble project is completed;

11 (B) subject to subsections (g) and (i), issue  
12 a loan to an eligible entity for the costs of car-  
13 rying out an eligible project; or

14 (C) subject to subsections (h) and (i), par-  
15 ticipate with an eligible entity in designing, de-  
16 veloping, constructing, operating, maintaining,  
17 or owning an eligible project.

18 (2) REQUIREMENT.—The provision and receipt  
19 of assistance for an eligible project under paragraph  
20 (1) shall be subject to such terms and conditions as  
21 the Secretary determines to be appropriate—

22 (A) to ensure the success of the program;  
23 and

24 (B) to protect the interests of the United  
25 States.

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1 (f) CAPACITY CONTRACTS.—

2 (1) PURPOSE.—In entering into capacity con-  
3 tracts under subsection (e)(1)(A), the Secretary  
4 shall seek to enter into capacity contracts that will  
5 encourage other entities to enter into contracts for  
6 the transmission capacity of the eligible project.

7 (2) PAYMENT.—The amount paid by the Sec-  
8 retary to an eligible entity under a capacity contract  
9 for the right to the use of the transmission capacity  
10 of an eligible project shall be—

11 (A) the fair market value for the use of the  
12 transmission capacity, as determined by the  
13 Secretary, taking into account, as the Secretary  
14 determines to be necessary, the comparable  
15 value for the use of the transmission capacity of  
16 other electric power transmission lines; and

17 (B) on a schedule and in such divided  
18 amounts, which may be a single amount, that  
19 the Secretary determines are likely to facilitate  
20 construction of the eligible project, taking into  
21 account standard industry practice and factors  
22 specific to each applicant, including, as applica-  
23 ble—

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1 (i) potential review by a State regu-  
2 latory entity of the revenue requirement of  
3 an electric utility; and

4 (ii) the financial model of an inde-  
5 pendent transmission developer.

6 (3) LIMITATIONS.—A capacity contract shall—

7 (A) be for a term of not more than 40  
8 years; and

9 (B) be for not more than 50 percent of the  
10 total proposed transmission capacity of the ap-  
11 plicable eligible project.

12 (4) TRANSMISSION MARKETING.—

13 (A) IN GENERAL.—If the Secretary has  
14 not terminated a capacity contract under para-  
15 graph (5) before the applicable eligible project  
16 enters into service, the Secretary may enter into  
17 1 or more contracts with a third party to mar-  
18 ket the transmission capacity of the eligible  
19 project to which the Secretary holds rights  
20 under the capacity contract.

21 (B) RETURN.—The Secretary shall seek to  
22 ensure that any contract entered into under  
23 subparagraph (A) maximizes the financial re-  
24 turn to the Federal Government.

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1 (C) COMPETITIVE SOLICITATION.—The  
2 Secretary shall only select third parties for con-  
3 tracts under this paragraph through a competi-  
4 tive solicitation.

5 (5) TERMINATION.—

6 (A) IN GENERAL.—The Secretary shall  
7 seek to terminate a capacity contract as soon as  
8 practicable after determining that sufficient  
9 transmission capacity of the eligible project has  
10 been secured by other entities to ensure the  
11 long-term financial viability of the eligible  
12 project, including through 1 or more transfers  
13 under subparagraph (B).

14 (B) TRANSFER.—On payment to the Sec-  
15 retary by a third party for transmission capac-  
16 ity to which the Secretary has rights under a  
17 capacity contract, the Secretary may transfer  
18 the rights to that transmission capacity to that  
19 third party.

20 (C) RELINQUISHMENT.—On payment to  
21 the Secretary by the applicable eligible entity  
22 for transmission capacity to which the Sec-  
23 retary has rights under a capacity contract, the  
24 Secretary may relinquish the rights to that  
25 transmission capacity to the eligible entity.

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1 (D) REQUIREMENT.—A payment under  
2 subparagraph (B) or (C) shall be in an amount  
3 sufficient for the Secretary to recover any re-  
4 maining costs incurred by the Secretary with  
5 respect to the quantity of transmission capacity  
6 affected by the transfer under subparagraph  
7 (B) or the relinquishment under subparagraph  
8 (C), as applicable.

9 (6) OTHER FEDERAL CAPACITY POSITIONS.—  
10 The existence of a capacity contract does not pre-  
11 clude a Federal entity, including a Federal power  
12 marketing administration, from otherwise securing  
13 transmission capacity at any time from an eligible  
14 project, to the extent that the Federal entity is au-  
15 thorized to secure that transmission capacity.

16 (7) FORM OF FINANCIAL ASSISTANCE.—Enter-  
17 ing into a capacity contract under subsection  
18 (e)(1)(A) shall be considered a form of financial as-  
19 sistance described in section 1508.1(q)(1)(vii) of title  
20 40, Code of Federal Regulations (as in effect on the  
21 date of enactment of this Act).

22 (g) INTEREST RATE ON LOANS.—The rate of interest  
23 to be charged in connection with any loan made by the  
24 Secretary to an eligible entity under subsection (e)(1)(B)  
25 shall be fixed by the Secretary, taking into consideration

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1 market yields on outstanding marketable obligations of the  
2 United States of comparable maturities as of the date of  
3 the loan.

4 (h) PUBLIC-PRIVATE PARTNERSHIPS.—The Sec-  
5 retary may participate with an eligible entity with respect  
6 to an eligible project under subsection (e)(1)(C) if the Sec-  
7 retary determines that the eligible project—

8 (1)(A) is located in an area designated as a na-  
9 tional interest electric transmission corridor pursu-  
10 ant to section 216(a) of the Federal Power Act 16  
11 U.S.C. 824p(a); or

12 (B) is necessary to accommodate an actual or  
13 projected increase in demand for electric trans-  
14 mission capacity across more than 1 State or trans-  
15 mission planning region;

16 (2) is consistent with efficient and reliable oper-  
17 ation of the transmission grid;

18 (3) will be operated in conformance with pru-  
19 dent utility practices;

20 (4) will be operated in conformance with the  
21 rules of—

22 (A) a Transmission Organization (as de-  
23 fined in section 3 of the Federal Power Act (16  
24 U.S.C. 796)), if applicable; or

25 (B) a regional reliability organization; and

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1 (5) is not duplicative of the functions of exist-  
2 ing transmission facilities that are the subject of on-  
3 going siting and related permitting proceedings.

4 (i) CERTIFICATION.—Prior to taking action to facili-  
5 tate an eligible project under subparagraph (A), (B), or  
6 (C) of subsection (e)(1), the Secretary shall certify that—

7 (1) the eligible project is in the public interest;

8 (2) the eligible project is unlikely to be con-  
9 structed in as timely a manner or with as much  
10 transmission capacity in the absence of facilitation  
11 under this section, including with respect to an eligi-  
12 ble project for which a Federal investment tax credit  
13 may be allowed; and

14 (3) it is reasonable to expect that the proceeds  
15 from the eligible project will be adequate, as applica-  
16 ble—

17 (A) to recover the cost of a capacity con-  
18 tract entered into under subsection (e)(1)(A);

19 (B) to repay a loan provided under sub-  
20 section (e)(1)(B); or

21 (C) to repay any amounts borrowed from  
22 the Secretary of the Treasury under subsection  
23 (d)(2).

24 (j) OTHER AUTHORITIES, LIMITATIONS, AND EF-  
25 FECTS.—

1           (1) PARTICIPATION.—The Secretary may per-  
2           mit other entities to participate in the financing,  
3           construction, and ownership of eligible projects fa-  
4           cilitated under this section.

5           (2) OPERATIONS AND MAINTENANCE.—Facilita-  
6           tion by the Secretary of an eligible project under  
7           this section does not create any obligation on the  
8           part of the Secretary to operate or maintain the eli-  
9           gible project.

10          (3) FEDERAL FACILITIES.—For purposes of  
11          cost recovery under subsection (d)(4) and repayment  
12          of a loan issued under subsection (e)(1)(B), each eli-  
13          gible project facilitated by the Secretary under this  
14          section shall be treated as separate and distinct  
15          from—

16                 (A) each other eligible project; and

17                 (B) all other Federal power and trans-  
18          mission facilities.

19          (4) EFFECT ON ANCILLARY SERVICES AUTHOR-  
20          ITY AND OBLIGATIONS.—Nothing in this section con-  
21          fers on the Secretary or any Federal power mar-  
22          keting administration any additional authority or ob-  
23          ligation to provide ancillary services to users of  
24          transmission facilities constructed or upgraded  
25          under this section.



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1           (5) EFFECT ON WESTERN AREA POWER ADMIN-  
2           ISTRATION PROJECTS.—Nothing in this section af-  
3           fects—

4                   (A) any pending project application before  
5           the Western Area Power Administration under  
6           section 301 of the Hoover Power Plant Act of  
7           1984 (42 U.S.C. 16421a); or

8                   (B) any agreement entered into by the  
9           Western Power Administration under that sec-  
10          tion.

11          (6) THIRD-PARTY FINANCE.—Nothing in this  
12          section precludes an eligible project facilitated under  
13          this section from being eligible as a project under  
14          section 1222 of the Energy Policy Act of 2005 (42  
15          U.S.C. 16421).

16          (7) LIMITATION ON LOANS.—An eligible project  
17          may not be the subject of both—

18                   (A) a loan under subsection (e)(1)(B); and

19                   (B) a Federal loan under section 301 of  
20          the Hoover Power Plant Act of 1984 (42  
21          U.S.C. 16421a).

22          (8) CONSIDERATIONS.—In evaluating eligible  
23          projects for possible facilitation under this section,  
24          the Secretary shall prioritize projects that, to the  
25          maximum extent practicable—

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1 (A) use technology that enhances the ca-  
2 pacity, efficiency, resiliency, or reliability of an  
3 electric power transmission system, including—

4 (i) reconductoring of an existing elec-  
5 tric power transmission line with advanced  
6 conductors; and

7 (ii) hardware or software that enables  
8 dynamic line ratings, advanced power flow  
9 control, or grid topology optimization;

10 (B) will improve the resiliency and reli-  
11 ability of an electric power transmission system;

12 (C) facilitate interregional transfer capac-  
13 ity that supports strong and equitable economic  
14 growth; and

15 (D) contribute to national or subnational  
16 goals to lower electricity sector greenhouse gas  
17 emissions.

18 **SEC. 30108. DEPLOYMENT OF TECHNOLOGIES TO ENHANCE**

19 **GRID FLEXIBILITY.**

20 (a) IN GENERAL.—Section 1306 of the Energy Inde-  
21 pendence and Security Act of 2007 (42 U.S.C. 17386) is  
22 amended—

23 (1) in subsection (b)—

24 (A) in the matter preceding paragraph (1),  
25 by striking “the date of enactment of this Act”

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1 and inserting “the date of enactment of the In-  
2 frastructure Investment and Jobs Act”;

3 (B) by redesignating paragraph (9) as  
4 paragraph (14); and

5 (C) by inserting after paragraph (8) the  
6 following:

7 “(9) In the case of data analytics that enable  
8 software to engage in Smart Grid functions, the doc-  
9 umented purchase costs of the data analytics.

10 “(10) In the case of buildings, the documented  
11 expenses for devices and software, including for in-  
12 stallation, that allow buildings to engage in demand  
13 flexibility or Smart Grid functions.

14 “(11) In the case of utility communications,  
15 operational fiber and wireless broadband commu-  
16 nications networks to enable data flow between dis-  
17 tribution system components.

18 “(12) In the case of advanced transmission  
19 technologies such as dynamic line rating, flow con-  
20 trol devices, advanced conductors, network topology  
21 optimization, or other hardware, software, and asso-  
22 ciated protocols applied to existing transmission fa-  
23 cilities that increase the operational transfer capac-  
24 ity of a transmission network, the documented ex-

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1       penditures to purchase and install those advanced  
2       transmission technologies.

3               “(13) In the case of extreme weather or natural  
4       disasters, the ability to redirect or shut off power to  
5       minimize blackouts and avoid further damage.”; and

6               (2) in subsection (d)—

7                       (A) by redesignating paragraph (9) as  
8       paragraph (16); and

9                       (B) by inserting after paragraph (8) the  
10       following:

11               “(9) The ability to use data analytics and soft-  
12       ware-as-service to provide flexibility by improving  
13       the visibility of the electrical system to grid opera-  
14       tors that can help quickly rebalance the electrical  
15       system with autonomous controls.

16               “(10) The ability to facilitate the aggregation  
17       or integration of distributed energy resources to  
18       serve as assets for the grid.

19               “(11) The ability to provide energy storage to  
20       meet fluctuating electricity demand, provide voltage  
21       support, and integrate intermittent generation  
22       sources, including vehicle-to-grid technologies.

23               “(12) The ability of hardware, software, and as-  
24       sociated protocols applied to existing transmission

1501

1 facilities to increase the operational transfer capacity  
2 of a transmission network.

3 “(13) The ability to anticipate and mitigate im-  
4 pacts of extreme weather or natural disasters on  
5 grid resiliency.

6 “(14) The ability to facilitate the integration of  
7 renewable energy resources, electric vehicle charging  
8 infrastructure, and vehicle-to-grid technologies.

9 “(15) The ability to reliably meet increased de-  
10 mand from electric vehicles and the electrification of  
11 appliances and other sectors.”.

12 (b) **AUTHORIZATION OF APPROPRIATIONS.**—There is  
13 authorized to be appropriated to the Secretary to carry  
14 out the Smart Grid Investment Matching Grant Program  
15 established under section 1306(a) of the Energy Inde-  
16 pendence and Security Act of 2007 (42 U.S.C. 17386(a))  
17 \$3,000,000,000 for fiscal year 2022, to remain available  
18 through September 30, 2026.

19 **SEC. 30109. STATE ENERGY SECURITY PLANS.**

20 (a) **IN GENERAL.**—Part D of title III of the Energy  
21 Policy and Conservation Act (42 U.S.C. 6321 et seq.) is  
22 amended—

23 (1) in section 361—

1502

1 (A) by striking the section designation and  
2 heading and all that follows through “The Con-  
3 gress” and inserting the following:

4 **“SEC. 361. FINDINGS; PURPOSE; DEFINITIONS.**

5 “(a) FINDINGS.—Congress”;

6 (B) in subsection (b), by striking “(b) It  
7 is” and inserting the following:

8 “(b) PURPOSE.—It is”; and

9 (C) by adding at the end the following:

10 “(c) DEFINITIONS.—In this part.”;

11 (2) in section 366—

12 (A) in paragraph (3)(B)(i), by striking  
13 “approved under section 367, and” ; and insert-  
14 ing “; and”;

15 (B) in each of paragraphs (1) through (8),  
16 by inserting a paragraph heading, the text of  
17 which is comprised of the term defined in the  
18 paragraph; and

19 (C) by redesignating paragraphs (6) and  
20 (7) as paragraphs (7) and (6), respectively, and  
21 moving the paragraphs so as to appear in nu-  
22 merical order;

23 (3) by moving paragraphs (1) through (8) of  
24 section 366 (as so redesignated) so as to appear

1503

1 after subsection (c) of section 361 (as designated by  
2 paragraph (1)(C)); and

3 (4) by amending section 366 to read as follows:

4 **“SEC. 366. STATE ENERGY SECURITY PLANS.**

5 “(a) DEFINITIONS.—In this section:

6 “(1) BULK-POWER SYSTEM.—The term ‘bulk-  
7 power system’ has the meaning given the term in  
8 section 215(a) of the Federal Power Act (16 U.S.C.  
9 824o(a)).

10 “(2) STATE ENERGY SECURITY PLAN.—The  
11 term ‘State energy security plan’ means a State en-  
12 ergy security plan described in subsection (b).

13 “(b) FINANCIAL ASSISTANCE FOR STATE ENERGY  
14 SECURITY PLANS.—Federal financial assistance made  
15 available to a State under this part may be used for the  
16 development, implementation, review, and revision of a  
17 State energy security plan that—

18 “(1) assesses the existing circumstances in the  
19 State; and

20 “(2) proposes methods to strengthen the ability  
21 of the State, in consultation with owners and opera-  
22 tors of energy infrastructure in the State—

23 “(A) to secure the energy infrastructure of  
24 the State against all physical and cybersecurity  
25 threats;

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1 “(B)(i) to mitigate the risk of energy sup-  
2 ply disruptions to the State; and

3 “(ii) to enhance the response to, and recov-  
4 ery from, energy disruptions; and

5 “(C) to ensure that the State has reliable,  
6 secure, and resilient energy infrastructure.

7 “(c) CONTENTS OF PLAN.—A State energy security  
8 plan shall—

9 “(1) address all energy sources and regulated  
10 and unregulated energy providers;

11 “(2) provide a State energy profile, including  
12 an assessment of energy production, transmission,  
13 distribution, and end-use;

14 “(3) address potential hazards to each energy  
15 sector or system, including—

16 “(A) physical threats and vulnerabilities;  
17 and

18 “(B) cybersecurity threats and  
19 vulnerabilities;

20 “(4) provide a risk assessment of energy infra-  
21 structure and cross-sector interdependencies;

22 “(5) provide a risk mitigation approach to en-  
23 hance reliability and end-use resilience; and

24 “(6)(A) address—



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1 “(i) multi-State and regional coordination,  
2 planning, and response; and

3 “(ii) coordination with Indian Tribes with  
4 respect to planning and response; and

5 “(B) to the extent practicable, encourage mu-  
6 tual assistance in cyber and physical response plans.

7 “(d) COORDINATION.—In developing or revising a  
8 State energy security plan, the State energy office of the  
9 State shall coordinate, to the extent practicable, with—

10 “(1) the public utility or service commission of  
11 the State;

12 “(2) energy providers from the private and pub-  
13 lic sectors; and

14 “(3) other entities responsible for—

15 “(A) maintaining fuel or electric reliability;  
16 and

17 “(B) securing energy infrastructure.

18 “(e) FINANCIAL ASSISTANCE.—A State is not eligible  
19 to receive Federal financial assistance under this part for  
20 any purpose for a fiscal year unless the Governor of the  
21 State submits to the Secretary, with respect to that fiscal  
22 year—

23 “(1) a State energy security plan that meets  
24 the requirements of subsection (c); or

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1           “(2) after an annual review, carried out by the  
2           Governor, of a State energy security plan—

3                   “(A) any necessary revisions to the State  
4           energy security plan; or

5                   “(B) a certification that no revisions to the  
6           State energy security plan are necessary.

7           “(f) **TECHNICAL ASSISTANCE.**—On request of the  
8           Governor of a State, the Secretary, in consultation with  
9           the Secretary of Homeland Security, may provide informa-  
10          tion, technical assistance, and other assistance in the de-  
11          velopment, implementation, or revision of a State energy  
12          security plan.

13          “(g) **REQUIREMENT.**—Each State receiving Federal  
14          financial assistance under this part shall provide reason-  
15          able assurance to the Secretary that the State has estab-  
16          lished policies and procedures designed to assure that the  
17          financial assistance will be used—

18                   “(1) to supplement, and not to supplant, State  
19          and local funds; and

20                   “(2) to the maximum extent practicable, to in-  
21          crease the amount of State and local funds that oth-  
22          erwise would be available, in the absence of the Fed-  
23          eral financial assistance, for the implementation of a  
24          State energy security plan.

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1       “(h) PROTECTION OF INFORMATION.—Information  
2 provided to, or collected by, the Federal Government pur-  
3 suant to this section the disclosure of which the Secretary  
4 reasonably foresees could be detrimental to the physical  
5 security or cybersecurity of any electric utility or the bulk-  
6 power system—

7               “(1) shall be exempt from disclosure under sec-  
8 tion 552(b)(3) of title 5, United States Code; and

9               “(2) shall not be made available by any Federal  
10 agency, State, political subdivision of a State, or  
11 Tribal authority pursuant to any Federal, State, po-  
12 litical subdivision of a State, or Tribal law, respec-  
13 tively, requiring public disclosure of information or  
14 records.

15       “(i) SUNSET.—The requirements of this section shall  
16 expire on October 31, 2025.”.

17       (b) CLERICAL AMENDMENTS.—The table of contents  
18 of the Energy Policy and Conservation Act (Public Law  
19 94–163; 89 Stat. 872) is amended—

20               (1) by striking the item relating to section 361  
21 and inserting the following:

“Sec. 361. Findings; purpose; definitions.”; and

22               (2) by striking the item relating to section 366  
23 and inserting the following:

“Sec. 366. State energy security plans.”.

24       (c) CONFORMING AMENDMENTS.—

1508

1           (1) Section 509(i)(3) of the Housing and Urban  
2           Development Act of 1970 (12 U.S.C. 1701z–8(i)(3))  
3           is amended by striking “prescribed for such terms in  
4           section 366 of the Energy Policy and Conservation  
5           Act” and inserting “given the terms in section  
6           361(c) of the Energy Policy and Conservation Act”.

7           (2) Section 363 of the Energy Policy and Con-  
8           servation Act (42 U.S.C. 6323) is amended—

9                   (A) by striking subsection (e); and

10                   (B) by redesignating subsection (f) as sub-  
11           section (e).

12           (3) Section 451(i)(3) of the Energy Conserva-  
13           tion and Production Act (42 U.S.C. 6881(i)(3)) is  
14           amended by striking “prescribed for such terms in  
15           section 366 of the Federal Energy Policy and Con-  
16           servation Act” and inserting “given the terms in sec-  
17           tion 361(c) of the Energy Policy and Conservation  
18           Act”.

19   **SEC. 30110. STATE ENERGY PROGRAM.**

20           (a) **COLLABORATIVE TRANSMISSION SITING.**—Sec-  
21           tion 362(c) of the Energy Policy and Conservation Act (42  
22           U.S.C. 6322(c)) is amended—

23                   (1) in paragraph (5), by striking “and” at the  
24           end;

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1 (2) in paragraph (6), by striking the period at  
2 the end and inserting “; and”; and

3 (3) by adding at the end the following:

4 “(7) the mandatory conduct of activities to sup-  
5 port transmission and distribution planning, includ-  
6 ing—

7 “(A) support for local governments and In-  
8 dian Tribes;

9 “(B) feasibility studies for transmission  
10 line routes and alternatives;

11 “(C) preparation of necessary project de-  
12 sign and permits; and

13 “(D) outreach to affected stakeholders.”.

14 (b) STATE ENERGY CONSERVATION PLANS.—Section  
15 362(d) of the Energy Policy and Conservation Act (42  
16 U.S.C. 6322(d)) is amended by striking paragraph (3) and  
17 inserting the following:

18 “(3) programs to increase transportation energy  
19 efficiency, including programs to help reduce carbon  
20 emissions in the transportation sector by 2050 and  
21 accelerate the use of alternative transportation fuels  
22 for, and the electrification of, State government ve-  
23 hicles, fleet vehicles, taxis and ridesharing services,  
24 mass transit, school buses, ferries, and privately

1510

1 owned passenger and medium- and heavy-duty vehi-  
2 cles;”.

3 (c) AUTHORIZATION OF APPROPRIATIONS FOR STATE  
4 ENERGY PROGRAM.—Section 365 of the Energy Policy  
5 and Conservation Act (42 U.S.C. 6325) is amended by  
6 striking subsection (f) and inserting the following:

7 “(f) AUTHORIZATION OF APPROPRIATIONS.—

8 “(1) IN GENERAL.—There is authorized to be  
9 appropriated to carry out this part \$500,000,000 for  
10 the period of fiscal years 2022 through 2026.

11 “(2) DISTRIBUTION.—Amounts made available  
12 under paragraph (1)—

13 “(A) shall be distributed to the States in  
14 accordance with the applicable distribution for-  
15 mula in effect on January 1, 2021; and

16 “(B) shall not be subject to the matching  
17 requirement described in the first proviso of the  
18 matter under the heading ‘ENERGY CONSERVA-  
19 TION’ under the heading ‘DEPARTMENT OF  
20 ENERGY’ in title II of the Department of the  
21 Interior and Related Agencies Appropriations  
22 Act, 1985 (42 U.S.C. 6323a).”.

23 **SEC. 30111. POWER MARKETING ADMINISTRATION TRANS-**  
24 **MISSION BORROWING AUTHORITY.**

25 (a) BORROWING AUTHORITY.—

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1           (1) IN GENERAL.—Subject to paragraph (2),  
2           for the purposes of providing funds to assist in the  
3           financing of the construction, acquisition, and re-  
4           placement of the Federal Columbia River Power  
5           System and to implement the authority of the Ad-  
6           ministrator of the Bonneville Power Administration  
7           (referred to in this section as the “Administrator”)  
8           under the Pacific Northwest Electric Power Plan-  
9           ning and Conservation Act (16 U.S.C. 839 et seq.),  
10          an additional \$10,000,000,000 in borrowing author-  
11          ity is made available under the Federal Columbia  
12          River Transmission System Act (16 U.S.C. 838 et  
13          seq.), to remain outstanding at any 1 time.

14          (2) LIMITATION.—The obligation of additional  
15          borrowing authority under paragraph (1) shall not  
16          exceed \$6,000,000,000 by fiscal year 2028.

17          (b) FINANCIAL PLAN.—

18               (1) IN GENERAL.—The Administrator shall  
19               issue an updated financial plan by the end of fiscal  
20               year 2022.

21               (2) REQUIREMENT.—As part of the process of  
22               issuing an updated financial plan under paragraph  
23               (1), the Administrator shall—

24                       (A) consistent with asset management  
25                       planning and sound business principles, con-

1512

1           sider projected and planned use and allocation  
2           of the borrowing authority of the Administrator  
3           across the mission responsibilities of the Bonne-  
4           ville Power Administration; and

5                   (B) before issuing the final updated finan-  
6           cial plan—

7                           (i) engage, in a manner determined by  
8                           the Administrator, with customers with re-  
9                           spect to a draft of the updated plan; and

10                           (ii) consider as a relevant factor any  
11                           recommendations from customers regard-  
12                           ing prioritization of asset investments.

13           (c) **STAKEHOLDER ENGAGEMENT.**—The Adminis-  
14   trator shall—

15                   (1) engage, in a manner determined by the Ad-  
16                   ministrator, with customers and stakeholders with  
17                   respect to the financial and cost management efforts  
18                   of the Administrator through periodic program re-  
19                   views; and

20                           (2) to the maximum extent practicable, imple-  
21                           ment those policies that would be expected to be  
22                           consistent with the lowest possible power and trans-  
23                           mission rates consistent with sound business prin-  
24                           ciples.



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1 (d) REPAYMENT.—Any additional Treasury bor-  
2 rowing authority received under this section—

3 (1) shall be fully repaid to the Treasury in a  
4 manner consistent with the applicable self-financed  
5 Federal budget accounts; and

6 (2) shall not be subject to budget scoring or  
7 budget scoring points of order with respect to this  
8 Act.

9 **SEC. 30112. STUDY OF CODES AND STANDARDS FOR USE OF**  
10 **ENERGY STORAGE SYSTEMS ACROSS SEC-**  
11 **TORS.**

12 (a) IN GENERAL.—The Secretary shall conduct a  
13 study of types and commercial applications of codes and  
14 standards applied to—

15 (1) stationary energy storage systems;

16 (2) mobile energy storage systems; and

17 (3) energy storage systems that move between  
18 stationary and mobile applications, such as electric  
19 vehicle batteries or batteries repurposed for new ap-  
20 plications.

21 (b) PURPOSES.—The purposes of the study con-  
22 ducted under subsection (a) shall be—

23 (1) to identify barriers, foster collaboration, and  
24 increase conformity across sectors relating to—

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1 (A) use of emerging energy storage tech-  
2 nologies; and

3 (B) use cases, such as vehicle-to-grid inte-  
4 gration;

5 (2) to identify all existing codes and standards  
6 that apply to energy storage systems;

7 (3) to identify codes and standards that require  
8 revision or enhancement;

9 (4) to enhance the safe implementation of en-  
10 ergy storage systems; and

11 (5) to receive formal input from stakeholders  
12 regarding—

13 (A) existing codes and standards; and

14 (B) new or revised codes and standards.

15 (c) CONSULTATION.—In conducting the study under  
16 subsection (a), the Secretary shall consult with all relevant  
17 standards-developing organizations and other entities with  
18 expertise regarding energy storage system safety.

19 (d) REPORT.—Not later than 18 months after the  
20 date of enactment of this Act, the Secretary shall submit  
21 to Congress a report describing the results of the study  
22 conducted under subsection (a).

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1 **SEC. 30113. DEMONSTRATION OF ELECTRIC VEHICLE BAT-**  
2 **TERY SECOND-LIFE APPLICATIONS FOR GRID**  
3 **SERVICES.**

4 Section 3201(c) of the Energy Act of 2020 (42  
5 U.S.C. 17232(c)) is amended—

6 (1) in paragraph (1)—

7 (A) by striking the period at the end and  
8 inserting “; and”;

9 (B) by striking “including at” and insert-  
10 ing the following: “including—

11 “(A) at”; and

12 (C) by adding at the end the following:

13 “(B) 1 project to demonstrate second-life  
14 applications of electric vehicle batteries as ag-  
15 gregated energy storage installations to provide  
16 services to the electric grid, in accordance with  
17 paragraph (3).”;

18 (2) by redesignating paragraphs (3) and (4) as  
19 paragraphs (4) and (5), respectively; and

20 (3) by inserting after paragraph (2) the fol-  
21 lowing:

22 “(3) DEMONSTRATION OF ELECTRIC VEHICLE  
23 BATTERY SECOND-LIFE APPLICATIONS FOR GRID  
24 SERVICES.—

25 “(A) IN GENERAL.—The Secretary shall  
26 enter into an agreement to carry out a project

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1 to demonstrate second-life applications of elec-  
2 tric vehicle batteries as aggregated energy stor-  
3 age installations to provide services to the elec-  
4 tric grid.

5 “(B) PURPOSES.—The purposes of the  
6 project under subparagraph (A) shall be—

7 “(i) to demonstrate power safety and  
8 the reliability of the applications dem-  
9 onstrated under the program;

10 “(ii) to demonstrate the ability of  
11 electric vehicle batteries—

12 “(I) to provide ancillary services  
13 for grid stability and management;  
14 and

15 “(II) to reduce the peak loads of  
16 homes and businesses;

17 “(iii) to extend the useful life of elec-  
18 tric vehicle batteries and the components  
19 of electric vehicle batteries prior to the col-  
20 lection, recycling, and reprocessing of the  
21 batteries and components; and

22 “(iv) to increase acceptance of, and  
23 participation in, the use of second-life ap-  
24 plications of electric vehicle batteries by  
25 utilities.

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1           “(C) PRIORITY.—In selecting a project to  
2           carry out under subparagraph (A), the Sec-  
3           retary shall give priority to projects in which  
4           the demonstration of the applicable second-life  
5           applications is paired with 1 or more facilities  
6           that could particularly benefit from increased  
7           resiliency and lower energy costs, such as a  
8           multi-family affordable housing facility, a senior  
9           care facility, and a community health center.”.

10 **SEC. 30114. COLUMBIA BASIN POWER MANAGEMENT.**

11           (a) DEFINITIONS.—In this section:

12                   (1) ACCOUNT.—The term “Account” means the  
13           account established by subsection (b)(1).

14                   (2) ADMINISTRATOR.—The term “Adminis-  
15           trator” means the Administrator of the Bonneville  
16           Power Administration.

17                   (3) CANADIAN ENTITLEMENT.—The term “Ca-  
18           nadian Entitlement” means the downstream power  
19           benefits that Canada is entitled to under Article V  
20           of the Treaty Relating to Cooperative Development  
21           of the Water Resources of the Columbia River  
22           Basin, signed at Washington January 17, 1961 (15  
23           UST 1555; TIAS 5638).

24           (b) TRANSMISSION COORDINATION AND EXPAN-  
25           SION.—

1518

1           (1) ESTABLISHMENT.—There is established in  
2           the Treasury an account for the purposes of making  
3           expenditures to increase bilateral transfers of renew-  
4           able electric generation between the western United  
5           States and Canada.

6           (2) CRITERIA.—The Administrator may make  
7           expenditures from the Account for activities to im-  
8           prove electric power system coordination by con-  
9           structing electric power transmission facilities within  
10          the western United States that directly or indirectly  
11          facilitate non-carbon emitting electric power trans-  
12          actions between the western United States and Can-  
13          ada.

14          (3) CONSULTATION.—The Administrator shall  
15          consult with relevant electric utilities in Canada and  
16          appropriate regional transmission planning organiza-  
17          tions in considering the construction of transmission  
18          activities under this subsection.

19          (4) AUTHORIZATION.—There is authorized to  
20          be appropriated to the Account an amount equal to  
21          the aggregated amount of the Canadian Entitlement  
22          during the 5-year period preceding the date of enact-  
23          ment of this Act.

24          (c) INCREASED HYDROELECTRIC CAPACITY.—

1519

1 (1) IN GENERAL.—The Commissioner of Rec-  
2 lamation shall rehabilitate and enhance the John W.  
3 Keys III Pump Generating Plant—

4 (A) to replace obsolete equipment;

5 (B) to maintain reliability and improve ef-  
6 ficiency in system performance and operation;

7 (C) to create more hydroelectric power ca-  
8 pacity in the Pacific Northwest; and

9 (D) to ensure the availability of water for  
10 irrigation in the event that Columbia River  
11 water flows from British Columbia into the  
12 United States are insufficient after September  
13 16, 2024.

14 (2) AUTHORIZATION OF APPROPRIATIONS.—  
15 There is authorized to be appropriated  
16 \$100,000,000 to carry out this subsection.

17 (d) POWER COORDINATION STUDY.—

18 (1) IN GENERAL.—The Administrator shall con-  
19 duct a study considering the potential hydroelectric  
20 power value to the Pacific Northwest of increasing  
21 the coordination of the operation of hydroelectric  
22 and water storage facilities on rivers located in the  
23 United States and Canada.

24 (2) CRITERIA.—The study conducted under  
25 paragraph (1) shall analyze—

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1 (A) projected changes to the Pacific North-  
2 west electricity supply;

3 (B) potential reductions in greenhouse gas  
4 emissions;

5 (C) any potential need to increase trans-  
6 mission capacity; and

7 (D) any other factor the Administrator  
8 considers to be relevant for increasing bilateral  
9 coordination.

10 (3) COORDINATION.—In conducting the study  
11 under paragraph (1), the Administrator shall coordi-  
12 nate, to the extent practicable, with—

13 (A) the British Columbia or a crown cor-  
14 poration owned by British Columbia;

15 (B) the Assistant Secretary;

16 (C) the Commissioner of Reclamation; and

17 (D) any public utility districts that operate  
18 hydroelectric projects on the mainstem of the  
19 Columbia River.

20 (4) AUTHORIZATION OF APPROPRIATIONS.—

21 There is authorized to be appropriated \$10,000,000  
22 to carry out this subsection.



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1                   **Subtitle B—Cybersecurity**

2   **SEC. 30121. ENHANCING GRID SECURITY THROUGH PUB-**  
3                   **LIC-PRIVATE PARTNERSHIPS.**

4           (a) DEFINITIONS.—In this section:

5                   (1) BULK-POWER SYSTEM; ELECTRIC RELI-  
6           ABILITY ORGANIZATION.—The terms “bulk-power  
7           system” and “Electric Reliability Organization” has  
8           the meaning given the terms in section 215(a) of the  
9           Federal Power Act (16 U.S.C. 824o(a)).

10                   (2) ELECTRIC UTILITY; STATE REGULATORY  
11           AUTHORITY.—The terms “electric utility” and  
12           “State regulatory authority” have the meanings  
13           given the terms in section 3 of the Federal Power  
14           Act (16 U.S.C. 796).

15           (b) PROGRAM TO PROMOTE AND ADVANCE PHYSICAL  
16   SECURITY AND CYBERSECURITY OF ELECTRIC UTILI-  
17   TIES.—

18                   (1) ESTABLISHMENT.—The Secretary, in con-  
19           sultation with the Secretary of Homeland Security  
20           and, as the Secretary determines to be appropriate,  
21           the heads of other relevant Federal agencies, State  
22           regulatory authorities, industry stakeholders, and  
23           the Electric Reliability Organization, shall carry out  
24           a program—

1522

1 (A) to develop, and provide for voluntary  
2 implementation of, maturity models, self-assess-  
3 ments, and auditing methods for assessing the  
4 physical security and cybersecurity of electric  
5 utilities;

6 (B) to assist with threat assessment and  
7 cybersecurity training for electric utilities;

8 (C) to provide technical assistance for elec-  
9 tric utilities subject to the program;

10 (D) to provide training to electric utilities  
11 to address and mitigate cybersecurity supply  
12 chain management risks;

13 (E) to advance, in partnership with electric  
14 utilities, the cybersecurity of third-party ven-  
15 dors that manufacture components of the elec-  
16 tric grid;

17 (F) to increase opportunities for sharing  
18 best practices and data collection within the  
19 electric sector; and

20 (G) to assist, in the case of electric utilities  
21 that own defense critical electric infrastructure  
22 (as defined in section 215A(a) of the Federal  
23 Power Act (16 U.S.C. 824o-1(a))), with full en-  
24 gineering reviews of critical functions and oper-



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1 (ii) existing programs of the Federal  
2 agencies determined to be appropriate  
3 under paragraph (1).

4 (c) REPORT ON CYBERSECURITY OF DISTRIBUTION  
5 SYSTEMS.—Not later than 1 year after the date of enact-  
6 ment of this Act, the Secretary, in consultation with the  
7 Secretary of Homeland Security and, as the Secretary de-  
8 termines to be appropriate, the heads of other Federal  
9 agencies, State regulatory authorities, and industry stake-  
10 holders, shall submit to Congress a report that assesses—

11 (1) priorities, policies, procedures, and actions  
12 for enhancing the physical security and cybersecurity  
13 of electricity distribution systems, including behind-  
14 the-meter generation, storage, and load management  
15 devices, to address threats to, and vulnerabilities of,  
16 electricity distribution systems; and

17 (2) the implementation of the priorities, poli-  
18 cies, procedures, and actions assessed under para-  
19 graph (1), including—

20 (A) an estimate of potential costs and ben-  
21 efits of the implementation; and

22 (B) an assessment of any public-private  
23 cost-sharing opportunities.

24 (d) PROTECTION OF INFORMATION.—Information  
25 provided to, or collected by, the Federal Government pur-

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1 suant to this section the disclosure of which the Secretary  
2 reasonably foresees could be detrimental to the physical  
3 security or cybersecurity of any electric utility or the bulk-  
4 power system—

5 (1) shall be exempt from disclosure under sec-  
6 tion 552(b)(3) of title 5, United States Code; and

7 (2) shall not be made available by any Federal  
8 agency, State, political subdivision of a State, or  
9 Tribal authority pursuant to any Federal, State, po-  
10 litical subdivision of a State, or Tribal law, respec-  
11 tively, requiring public disclosure of information or  
12 records.

13 **SEC. 30122. ENERGY CYBER SENSE PROGRAM.**

14 (a) DEFINITIONS.—In this section:

15 (1) BULK-POWER SYSTEM.—The term “bulk-  
16 power system” has the meaning given the term in  
17 section 215(a) of the Federal Power Act (16 U.S.C.  
18 824o(a)).

19 (2) PROGRAM.—The term “program” means  
20 the voluntary Energy Cyber Sense program estab-  
21 lished under subsection (b).

22 (b) ESTABLISHMENT.—The Secretary, in consulta-  
23 tion with the Secretary of Homeland Security and the  
24 heads of other relevant Federal agencies, shall establish  
25 a voluntary Energy Cyber Sense program to test the cy-

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1 bersecurity of products and technologies intended for use  
2 in the energy sector, including in the bulk-power system.

3 (c) PROGRAM REQUIREMENTS.—In carrying out sub-  
4 section (b), the Secretary, in consultation with the Sec-  
5 retary of Homeland Security and the heads of other rel-  
6 evant Federal agencies, shall—

7 (1) establish a testing process under the pro-  
8 gram to test the cybersecurity of products and tech-  
9 nologies intended for use in the energy sector, in-  
10 cluding products relating to industrial control sys-  
11 tems and operational technologies, such as super-  
12 visory control and data acquisition systems;

13 (2) for products and technologies tested under  
14 the program, establish and maintain cybersecurity  
15 vulnerability reporting processes and a related data-  
16 base that are integrated with Federal vulnerability  
17 coordination processes;

18 (3) provide technical assistance to electric utili-  
19 ties, product manufacturers, and other energy sector  
20 stakeholders to develop solutions to mitigate identi-  
21 fied cybersecurity vulnerabilities in products and  
22 technologies tested under the program;

23 (4) biennially review products and technologies  
24 tested under the program for cybersecurity  
25 vulnerabilities and provide analysis with respect to

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1       how those products and technologies respond to and  
2       mitigate cyber threats;

3           (5) develop guidance that is informed by anal-  
4       ysis and testing results under the program for elec-  
5       tric utilities and other components of the energy sec-  
6       tor for the procurement of products and tech-  
7       nologies;

8           (6) provide reasonable notice to, and solicit  
9       comments from, the public prior to establishing or  
10      revising the testing process under the program;

11          (7) oversee the testing of products and tech-  
12      nologies under the program; and

13          (8) consider incentives to encourage the use of  
14      analysis and results of testing under the program in  
15      the design of products and technologies for use in  
16      the energy sector.

17      (d) PROTECTION OF INFORMATION.—Information  
18      provided to, or collected by, the Federal Government pur-  
19      suant to this section the disclosure of which the Secretary  
20      reasonably foresees could be detrimental to the physical  
21      security or cybersecurity of any component of the energy  
22      sector, including any electric utility or the bulk-power sys-  
23      tem—

24           (1) shall be exempt from disclosure under sec-  
25      tion 552(b)(3) of title 5, United States Code; and

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1           (2) shall not be made available by any Federal  
2           agency, State, political subdivision of a State, or  
3           Tribal authority pursuant to any Federal, State, po-  
4           litical subdivision of a State, or Tribal law, respec-  
5           tively, requiring public disclosure of information or  
6           records.

7           (e) FEDERAL GOVERNMENT LIABILITY.—Nothing in  
8           this section authorizes the commencement of an action  
9           against the United States with respect to the testing of  
10          a product or technology under the program.

11 **SEC. 30123. INCENTIVES FOR ADVANCED CYBERSECURITY**  
12 **TECHNOLOGY INVESTMENT.**

13          Part II of the Federal Power Act is amended by in-  
14          serting after section 219 (16 U.S.C. 824s) the following:

15 **“SEC. 219A. INCENTIVES FOR CYBERSECURITY INVEST-**  
16 **MENTS.**

17          “(a) DEFINITIONS.—In this section:

18               “(1) ADVANCED CYBERSECURITY TECH-  
19               NOLOGY.—The term ‘advanced cybersecurity tech-  
20               nology’ means any technology, operational capability,  
21               or service, including computer hardware, software,  
22               or a related asset, that enhances the security posture  
23               of public utilities through improvements in the abil-  
24               ity to protect against, detect, respond to, or recover  
25               from a cybersecurity threat (as defined in section



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1 102 of the Cybersecurity Act of 2015 (6 U.S.C.  
2 1501)).

3 “(2) **ADVANCED CYBERSECURITY TECHNOLOGY**  
4 **INFORMATION.**—The term ‘advanced cybersecurity  
5 technology information’ means information relating  
6 to advanced cybersecurity technology or proposed  
7 advanced cybersecurity technology that is generated  
8 by or provided to the Commission or another Fed-  
9 eral agency.

10 “(b) **STUDY.**—Not later than 180 days after the date  
11 of enactment of this section, the Commission, in consulta-  
12 tion with the Secretary of Energy, the North American  
13 Electric Reliability Corporation, the Electricity Subsector  
14 Coordinating Council, and the National Association of  
15 Regulatory Utility Commissioners, shall conduct a study  
16 to identify incentive-based, including performance-based,  
17 rate treatments for the transmission and sale of electric  
18 energy subject to the jurisdiction of the Commission that  
19 could be used to encourage—

20 “(1) investment by public utilities in advanced  
21 cybersecurity technology; and

22 “(2) participation by public utilities in cyberse-  
23 curity threat information sharing programs.

24 “(c) **INCENTIVE-BASED RATE TREATMENT.**—Not  
25 later than 1 year after the completion of the study under

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1 subsection (b), the Commission shall establish, by rule, in-  
2 centive-based, including performance-based, rate treat-  
3 ments for the transmission of electric energy in interstate  
4 commerce and the sale of electric energy at wholesale in  
5 interstate commerce by public utilities for the purpose of  
6 benefitting consumers by encouraging—

7           “(1) investments by public utilities in advanced  
8           cybersecurity technology; and

9           “(2) participation by public utilities in cyberse-  
10          curity threat information sharing programs.

11          “(d) FACTORS FOR CONSIDERATION.—In issuing a  
12 rule pursuant to this section, the Commission may provide  
13 additional incentives beyond those identified in subsection  
14 (c) in any case in which the Commission determines that  
15 an investment in advanced cybersecurity technology or in-  
16 formation sharing program costs will reduce cybersecurity  
17 risks to—

18           “(1) defense critical electric infrastructure (as  
19          defined in section 215A(a)) and other facilities sub-  
20          ject to the jurisdiction of the Commission that are  
21          critical to public safety, national defense, or home-  
22          land security, as determined by the Commission in  
23          consultation with—

24           “(A) the Secretary of Energy;

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1 “(B) the Secretary of Homeland Security;

2 and

3 “(C) other appropriate Federal agencies;

4 and

5 “(2) facilities of small or medium-sized public  
6 utilities with limited cybersecurity resources, as de-  
7 termined by the Commission.

8 “(e) RATEPAYER PROTECTION.—

9 “(1) IN GENERAL.—Any rate approved under a  
10 rule issued pursuant to this section, including any  
11 revisions to that rule, shall be subject to the require-  
12 ments of sections 205 and 206 that all rates,  
13 charges, terms, and conditions—

14 “(A) shall be just and reasonable; and

15 “(B) shall not be unduly discriminatory or  
16 preferential.

17 “(2) PROHIBITION OF DUPLICATE RECOVERY.—  
18 Any rule issued pursuant to this section shall pre-  
19 clude rate treatments that allow unjust and unrea-  
20 sonable double recovery for advanced cybersecurity  
21 technology.

22 “(f) SINGLE-ISSUE RATE FILINGS.—The Commis-  
23 sion shall permit public utilities to apply for incentive-  
24 based rate treatment under a rule issued under this sec-  
25 tion on a single-issue basis by submitting to the Commis-

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1 sion a tariff schedule under section 205 that permits re-  
2 covery of costs and incentives over the depreciable life of  
3 the applicable assets, without regard to changes in receipts  
4 or other costs of the public utility.

5 “(g) PROTECTION OF INFORMATION.—Advanced cy-  
6 bersecurity technology information that is provided to,  
7 generated by, or collected by the Federal Government  
8 under subsection (b), (c), or (f) shall be considered to be  
9 critical electric infrastructure information under section  
10 215A.”.

11 **SEC. 30124. RURAL AND MUNICIPAL UTILITY ADVANCED**  
12 **CYBERSECURITY GRANT AND TECHNICAL AS-**  
13 **SISTANCE PROGRAM.**

14 (a) DEFINITIONS.—In this section:

15 (1) **ADVANCED CYBERSECURITY TECH-**  
16 **NOLOGY.**—The term “advanced cybersecurity tech-  
17 nology” means any technology, operational capa-  
18 bility, or service, including computer hardware, soft-  
19 ware, or a related asset, that enhances the security  
20 posture of electric utilities through improvements in  
21 the ability to protect against, detect, respond to, or  
22 recover from a cybersecurity threat (as defined in  
23 section 102 of the Cybersecurity Act of 2015 (6  
24 U.S.C. 1501)).

1           (2) BULK-POWER SYSTEM.—The term “bulk-  
2 power system” has the meaning given the term in  
3 section 215(a) of the Federal Power Act (16 U.S.C.  
4 824o(a)).

5           (3) ELIGIBLE ENTITY.—The term “eligible enti-  
6 ty” means—

7                   (A) a rural electric cooperative;

8                   (B) a utility owned by a political subdivi-  
9 sion of a State, such as a municipally owned  
10 electric utility;

11                   (C) a utility owned by any agency, author-  
12 ity, corporation, or instrumentality of 1 or more  
13 political subdivisions of a State;

14                   (D) a not-for-profit entity that is in a part-  
15 nership with not fewer than 6 entities described  
16 in subparagraph (A), (B), or (C); and

17                   (E) an investor-owned electric utility that  
18 sells less than 4,000,000 megawatt hours of  
19 electricity per year.

20           (4) PROGRAM.—The term “Program” means  
21 the Rural and Municipal Utility Advanced Cyberse-  
22 curity Grant and Technical Assistance Program es-  
23 tablished under subsection (b).

24           (b) ESTABLISHMENT.—Not later than 180 days after  
25 the date of enactment of this Act, the Secretary, in con-

1 sultation with the Secretary of Homeland Security, the  
2 Federal Energy Regulatory Commission, the North Amer-  
3 ican Electric Reliability Corporation, and the Electricity  
4 Subsector Coordinating Council, shall establish a program,  
5 to be known as the “Rural and Municipal Utility Advanced  
6 Cybersecurity Grant and Technical Assistance Program”,  
7 to provide grants and technical assistance to, and enter  
8 into cooperative agreements with, eligible entities to pro-  
9 tect against, detect, respond to, and recover from cyberse-  
10 curity threats.

11 (c) OBJECTIVES.—The objectives of the Program  
12 shall be—

13 (1) to deploy advanced cybersecurity tech-  
14 nologies for electric utility systems; and

15 (2) to increase the participation of eligible enti-  
16 ties in cybersecurity threat information sharing pro-  
17 grams.

18 (d) AWARDS.—

19 (1) IN GENERAL.—The Secretary—

20 (A) shall award grants and provide tech-  
21 nical assistance under the Program to eligible  
22 entities on a competitive basis;

23 (B) shall develop criteria and a formula for  
24 awarding grants and providing technical assist-  
25 ance under the Program;

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1 (C) may enter into cooperative agreements  
2 with eligible entities that can facilitate the ob-  
3 jectives described in subsection (c); and

4 (D) shall establish a process to ensure that  
5 all eligible entities are informed about and can  
6 become aware of opportunities to receive grants  
7 or technical assistance under the Program.

8 (2) PRIORITY FOR GRANTS AND TECHNICAL AS-  
9 SISTANCE.—In awarding grants and providing tech-  
10 nical assistance under the Program, the Secretary  
11 shall give priority to an eligible entity that, as deter-  
12 mined by the Secretary—

13 (A) has limited cybersecurity resources;

14 (B) owns assets critical to the reliability of  
15 the bulk-power system; or

16 (C) owns defense critical electric infra-  
17 structure (as defined in section 215A(a) of the  
18 Federal Power Act (16 U.S.C. 824o–1(a))).

19 (e) PROTECTION OF INFORMATION.—Information  
20 provided to, or collected by, the Federal Government pur-  
21 suant to this section the disclosure of which the Secretary  
22 reasonably foresees could be detrimental to the physical  
23 security or cybersecurity of any electric utility or the bulk-  
24 power system—

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1 (1) shall be exempt from disclosure under sec-  
2 tion 552(b)(3) of title 5, United States Code; and

3 (2) shall not be made available by any Federal  
4 agency, State, political subdivision of a State, or  
5 Tribal authority pursuant to any Federal, State, po-  
6 litical subdivision of a State, or Tribal law, respec-  
7 tively, requiring public disclosure of information or  
8 records.

9 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
10 authorized to be appropriated to the Secretary to carry  
11 out this section \$250,000,000 for the period of fiscal years  
12 2022 through 2026.

13 **SEC. 30125. ENHANCED GRID SECURITY.**

14 (a) DEFINITIONS.—In this section:

15 (1) ELECTRIC UTILITY.—The term “electric  
16 utility” has the meaning given the term in section  
17 3 of the Federal Power Act (16 U.S.C. 796).

18 (2) E-ISAC.—The term “E-ISAC” means the  
19 Electricity Information Sharing and Analysis Center.

20 (b) CYBERSECURITY FOR THE ENERGY SECTOR RE-  
21 SEARCH, DEVELOPMENT, AND DEMONSTRATION PRO-  
22 GRAM.—

23 (1) IN GENERAL.—The Secretary, in consulta-  
24 tion with the Secretary of Homeland Security and,  
25 as determined appropriate, other Federal agencies,



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1 the energy sector, the States, Indian Tribes, Tribal  
2 organizations, territories or freely associated states,  
3 and other stakeholders, shall develop and carry out  
4 a program—

5 (A) to develop advanced cybersecurity ap-  
6 plications and technologies for the energy sec-  
7 tor—

8 (i) to identify and mitigate  
9 vulnerabilities, including—

10 (I) dependencies on other critical  
11 infrastructure;

12 (II) impacts from weather and  
13 fuel supply;

14 (III) increased dependence on in-  
15 verter-based technologies; and

16 (IV) vulnerabilities from  
17 unpatched hardware and software sys-  
18 tems; and

19 (ii) to advance the security of field de-  
20 vices and third-party control systems, in-  
21 cluding—

22 (I) systems for generation, trans-  
23 mission, distribution, end use, and  
24 market functions;

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1 (II) specific electric grid elements  
2 including advanced metering, demand  
3 response, distribution, generation, and  
4 electricity storage;

5 (III) forensic analysis of infected  
6 systems;

7 (IV) secure communications; and

8 (V) application of in-line edge se-  
9 curity solutions;

10 (B) to leverage electric grid architecture as  
11 a means to assess risks to the energy sector, in-  
12 cluding by implementing an all-hazards ap-  
13 proach to communications infrastructure, con-  
14 trol systems architecture, and power systems  
15 architecture;

16 (C) to perform pilot demonstration projects  
17 with the energy sector to gain experience with  
18 new technologies;

19 (D) to develop workforce development cur-  
20 ricula for energy sector-related cybersecurity;  
21 and

22 (E) to develop improved supply chain con-  
23 cepts for secure design of emerging digital com-  
24 ponents and power electronics.

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1 (2) AUTHORIZATION OF APPROPRIATIONS.—

2 There is authorized to be appropriated to the Sec-  
3 retary to carry out this subsection \$250,000,000 for  
4 the period of fiscal years 2022 through 2026.

5 (c) ENERGY SECTOR OPERATIONAL SUPPORT FOR  
6 CYBERRESILIENCE PROGRAM.—

7 (1) IN GENERAL.—The Secretary may develop  
8 and carry out a program—

9 (A) to enhance and periodically test—

10 (i) the emergency response capabilities  
11 of the Department; and

12 (ii) the coordination of the Depart-  
13 ment with other agencies, the National  
14 Laboratories, and private industry;

15 (B) to expand cooperation of the Depart-  
16 ment with the intelligence community for en-  
17 ergy sector-related threat collection and anal-  
18 ysis;

19 (C) to enhance the tools of the Department  
20 and E-ISAC for monitoring the status of the  
21 energy sector;

22 (D) to expand industry participation in E-  
23 ISAC; and

24 (E) to provide technical assistance to small  
25 electric utilities for purposes of assessing and

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1 improving cybermaturity levels and addressing  
2 gaps identified in the assessment.

3 (2) AUTHORIZATION OF APPROPRIATIONS.—

4 There is authorized to be appropriated to the Sec-  
5 retary to carry out this subsection \$50,000,000 for  
6 the period of fiscal years 2022 through 2026.

7 (d) MODELING AND ASSESSING ENERGY INFRA-  
8 STRUCTURE RISK.—

9 (1) IN GENERAL.—The Secretary, in consulta-  
10 tion with the Secretary of Homeland Security, shall  
11 develop and carry out an advanced energy security  
12 program to secure energy networks, including—

13 (A) electric networks;

14 (B) natural gas networks; and

15 (C) oil exploration, transmission, and deliv-  
16 ery networks.

17 (2) SECURITY AND RESILIENCY OBJECTIVE.—

18 The objective of the program developed under para-  
19 graph (1) is to increase the functional preservation  
20 of electric grid operations or natural gas and oil op-  
21 erations in the face of natural and human-made  
22 threats and hazards, including electric magnetic  
23 pulse and geomagnetic disturbances.

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1           (3) ELIGIBLE ACTIVITIES.—In carrying out the  
2 program developed under paragraph (1), the Sec-  
3 retary may—

4           (A) develop capabilities to identify  
5 vulnerabilities and critical components that pose  
6 major risks to grid security if destroyed or im-  
7 paired;

8           (B) provide modeling at the national level  
9 to predict impacts from natural or human-made  
10 events;

11           (C) add physical security to the cybersecu-  
12 rity maturity model;

13           (D) conduct exercises and assessments to  
14 identify and mitigate vulnerabilities to the elec-  
15 tric grid, including providing mitigation rec-  
16 ommendations;

17           (E) conduct research on hardening solu-  
18 tions for critical components of the electric grid;

19           (F) conduct research on mitigation and re-  
20 covery solutions for critical components of the  
21 electric grid; and

22           (G) provide technical assistance to States  
23 and other entities for standards and risk anal-  
24 ysis.

1           (4) SAVINGS PROVISION.—Nothing in this sec-  
2           tion authorizes new regulatory requirements.

3           (5) AUTHORIZATION OF APPROPRIATIONS.—  
4           There is authorized to be appropriated to the Sec-  
5           retary to carry out this subsection \$50,000,000 for  
6           the period of fiscal years 2022 through 2026.

7 **SEC. 30126. CYBERSECURITY PLAN.**

8           (a) IN GENERAL.—The Secretary may require, as the  
9           Secretary determines appropriate, a recipient of any  
10          award or other funding under this division—

11           (1) to submit to the Secretary, prior to the  
12          issuance of the award or other funding, a cybersecu-  
13          rity plan that demonstrates the cybersecurity matu-  
14          rity of the recipient in the context of the project for  
15          which that award or other funding was provided;  
16          and

17           (2) establish a plan for maintaining and im-  
18          proving cybersecurity throughout the life of the pro-  
19          posed solution of the project.

20          (b) CONTENTS OF CYBERSECURITY PLAN.—A cyber-  
21          security plan described in subsection (a) shall, at a min-  
22          imum, describe how the recipient described in that sub-  
23          section—

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1 (1) plans to maintain cybersecurity between  
2 networks, systems, devices, applications, or compo-  
3 nents—

4 (A) within the proposed solution of the  
5 project; and

6 (B) at the necessary external interfaces at  
7 the proposed solution boundaries;

8 (2) will perform ongoing evaluation of cyberse-  
9 curity risks to address issues as the issues arise  
10 throughout the life of the proposed solution;

11 (3) will report known or suspected network or  
12 system compromises of the project to the Secretary;  
13 and

14 (4) will leverage applicable cybersecurity pro-  
15 grams of the Department, including cyber vulner-  
16 ability testing and security engineering evaluations.

17 (c) **ADDITIONAL GUIDANCE.**—Each recipient de-  
18 scribed in subsection (a) should—

19 (1) maximize the use of open guidance and  
20 standards, including, wherever possible—

21 (A) the Cybersecurity Capability Maturity  
22 Model of the Department (or a successor  
23 model); and

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1 (B) the Framework for Improving Critical  
2 Infrastructure Cybersecurity of the National In-  
3 stitute of Standards and Technology; and

4 (2) document —

5 (A) any deviation from open standards;  
6 and

7 (B) the utilization of proprietary standards  
8 where the recipient determines that such devi-  
9 ation necessary.

10 (d) COORDINATION.—The Office of Cybersecurity,  
11 Energy Security, and Emergency Response of the Depart-  
12 ment shall review each cybersecurity plan submitted under  
13 subsection (a) to ensure integration with Department re-  
14 search, development, and demonstration programs.

15 (e) PROTECTION OF INFORMATION.—Information  
16 provided to, or collected by, the Federal Government pur-  
17 suant to this section the disclosure of which the Secretary  
18 reasonably foresees could be detrimental to the physical  
19 security or cybersecurity of any electric utility or the bulk-  
20 power system—

21 (1) shall be exempt from disclosure under sec-  
22 tion 552(b)(3) of title 5, United States Code; and

23 (2) shall not be made available by any Federal  
24 agency, State, political subdivision of a State, or  
25 Tribal authority pursuant to any Federal, State, po-



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1        litical subdivision of a State, or Tribal law, respec-  
2        tively, requiring public disclosure of information or  
3        records.

4   **SEC. 30127. SAVINGS PROVISION.**

5        Nothing in this subtitle affects the authority, existing  
6        on the day before the date of enactment of this Act, of  
7        any other Federal department or agency, including the au-  
8        thority provided to the Secretary of Homeland Security  
9        and the Director of the Cybersecurity and Infrastructure  
10       Security Agency in title XXII of the Homeland Security  
11       Act of 2002 (6 U.S.C. 651 et seq.).

12   **TITLE II—SUPPLY CHAINS FOR**  
13   **CLEAN ENERGY TECHNOLOGIES**

14   **SEC. 30201. EARTH MAPPING RESOURCES INITIATIVE.**

15        (a) DEFINITION OF CRITICAL MINERAL.—In this  
16        section, the term “critical mineral” has the meaning given  
17        the term in section 7002(a) of the Energy Act of 2020  
18        (30 U.S.C. 1606(a)).

19        (b) ESTABLISHMENT.—There is established within  
20        the United States Geological Survey an initiative, to be  
21        known as the “Earth Mapping Resources Initiative” (re-  
22        ferred to in this section as the “Initiative”).

23        (c) PURPOSE.—The purpose of the Initiative shall be  
24        to accelerate efforts to carry out the fundamental re-

1 sources and mapping mission of the United States Geo-  
2 logical Survey by—

3 (1) providing integrated topographic, geologic,  
4 geochemical, and geophysical mapping;

5 (2) accelerating the integration and consolida-  
6 tion of geospatial and resource data; and

7 (3) providing interpretation of subsurface and  
8 above-ground mineral resources data.

9 (d) COOPERATIVE AGREEMENTS.—

10 (1) IN GENERAL.—In carrying out the Initia-  
11 tive, the Director of the United States Geological  
12 Survey may enter into cooperative agreements with  
13 State geological surveys.

14 (2) EFFECT.—Nothing in paragraph (1) pre-  
15 cludes the Director of the United States Geological  
16 Survey from using existing contracting authorities in  
17 carrying out the Initiative.

18 (e) COMPREHENSIVE MAPPING MODERNIZATION.—

19 (1) IN GENERAL.—Not later than 10 years  
20 after the date of enactment of this Act, the Initiative  
21 shall complete an initial comprehensive national  
22 modern surface and subsurface mapping and data  
23 integration effort.

24 (2) APPROACH.—In carrying out paragraph (1)  
25 with regard to minerals, mineralization, and mineral

1 deposits, the Initiative shall focus on the full range  
2 of minerals, using a whole ore body approach rather  
3 than a single commodity approach, to emphasize all  
4 of the recoverable critical minerals in a given surface  
5 or subsurface deposit.

6 (3) PRIORITY.—In carrying out paragraph (1)  
7 with regard to minerals, mineralization, and mineral  
8 deposits, the Initiative shall prioritize mapping and  
9 assessing critical minerals.

10 (4) INCLUSIONS.—In carrying out paragraph  
11 (1), the Initiative shall also—

12 (A) map and collect data for areas con-  
13 taining mine waste to increase understanding of  
14 above-ground critical mineral resources in pre-  
15 viously disturbed areas; and

16 (B) provide for analysis of samples, includ-  
17 ing samples within the National Geological and  
18 Geophysical Data Preservation Program estab-  
19 lished under section 351(b) of the Energy Pol-  
20 icy Act of 2005 (42 U.S.C. 15908(b)) for the  
21 occurrence of critical minerals.

22 (f) AVAILABILITY.—The Initiative shall make the  
23 geospatial data and metadata gathered by the Initiative  
24 under subsection (e)(1) electronically publicly accessible  
25 on an ongoing basis.

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1 (g) INTEGRATION OF DATA SOURCES.—The Initia-  
2 tive shall integrate data sources, including data from—

3 (1) the National Cooperative Geologic Mapping  
4 Program established by section 4(a)(1) of the Na-  
5 tional Geologic Mapping Act of 1992 (43 U.S.C.  
6 31c(a)(1));

7 (2) the National Geological and Geophysical  
8 Data Preservation Program established under sec-  
9 tion 351(b) of the Energy Policy Act of 2005 (42  
10 U.S.C. 15908(b));

11 (3) the USMIN Mineral Deposit Database of  
12 the United States Geological Survey;

13 (4) the 3D Elevation Program established  
14 under section 5(a) of the National Landslide Pre-  
15 paredness Act (43 U.S.C. 3104(a)); and

16 (5) other relevant sources, including sources  
17 providing geothermal resources data.

18 (h) AUTHORIZATION OF APPROPRIATIONS.—There is  
19 authorized to be appropriated to the Secretary to carry  
20 out this section \$320,000,000 for the period of fiscal years  
21 2022 through 2026, to remain available until expended.

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1 **SEC. 30202. NATIONAL COOPERATIVE GEOLOGIC MAPPING**  
2 **PROGRAM.**

3 (a) IN GENERAL.—Section 4(d) of the National Geo-  
4 logic Mapping Act of 1992 (43 U.S.C. 31c(d)) is amended  
5 by adding at the end the following:

6 “(4) ABANDONED MINE LAND AND MINE WASTE  
7 COMPONENT.—

8 “(A) IN GENERAL.—The geologic mapping  
9 program shall include an abandoned mine land  
10 and mine waste geologic mapping component,  
11 the objective of which shall be to establish the  
12 geologic framework of abandoned mine land  
13 and other land containing mine waste.

14 “(B) MAPPING PRIORITIES.—For the com-  
15 ponent described in subparagraph (A), the pri-  
16 ority shall be mapping abandoned mine land  
17 and other land containing mine waste where  
18 multiple critical mineral (as defined in section  
19 7002(a) of the Energy Act of 2020 (30 U.S.C.  
20 1606(a))) and metal commodities are antici-  
21 pated to be present, rather than single mineral  
22 resources.”.

23 (b) AUTHORIZATION OF APPROPRIATIONS.—Section  
24 9(a) of the National Geologic Mapping Act of 1992 (43  
25 U.S.C. 31h(a)) is amended by striking “2023” and insert-  
26 ing “2031”.

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1 **SEC. 30203. NATIONAL GEOLOGICAL AND GEOPHYSICAL**  
2 **DATA PRESERVATION PROGRAM.**

3 Section 351(b) of the Energy Policy Act of 2005 (42  
4 U.S.C. 15908(b)) is amended—

5 (1) in paragraph (2), by striking “and” after  
6 the semicolon;

7 (2) in paragraph (3), by striking the period at  
8 the end and inserting “; and”; and

9 (3) by adding at the end the following:

10 “(4) to provide for preservation of samples to  
11 track geochemical signatures from critical mineral  
12 (as defined in section 7002(a) of the Energy Act of  
13 2020 (30 U.S.C. 1606(a))) ore bodies for use in  
14 provenance tracking frameworks.”.

15 **SEC. 30204. USGS ENERGY AND MINERALS RESEARCH FA-**  
16 **CILITY.**

17 (a) **ESTABLISHMENT.**—The Director of the United  
18 States Geological Survey (referred to in this section as the  
19 “Director”), shall fund, through a cooperative agreement  
20 with an academic partner, the design, construction, and  
21 tenant build-out of a facility to support energy and min-  
22 erals research and appurtenant associated structures.

23 (b) **OWNERSHIP.**—The United States Geological Sur-  
24 vey shall retain ownership of the facility and associated  
25 structures described in subsection (a).

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1 (c) AGREEMENTS.—The Director may enter into  
2 agreements with, and to collect and expend funds or in-  
3 kind contributions from, academic, Federal, State, or  
4 other tenants over the life of the facility described in sub-  
5 section (a) for the purposes of—

6 (1) facility planning;

7 (2) design;

8 (3) maintenance;

9 (4) operation; or

10 (5) facility improvements.

11 (d) LEASES.—The Director may enter into a lease  
12 or other agreement with the academic partner with which  
13 the Director has entered into a cooperative agreement  
14 under subsection (a), at no cost to the Federal Govern-  
15 ment, to obtain land on which to construct the facility de-  
16 scribed in that subsection for a term of not less than 99  
17 years.

18 (e) REPORTS.—The Director shall submit to Con-  
19 gress annual reports on—

20 (1) the facility described in subsection (a); and

21 (2) the authorities used under this section.

22 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
23 authorized to be appropriated to the Secretary of the Inte-  
24 rior to carry out this section \$167,000,000 for fiscal year  
25 2022, to remain available until expended.

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1 **SEC. 30205. RARE EARTH ELEMENTS DEMONSTRATION FA-**  
2 **CILITY.**

3 Section 7001 of the Energy Act of 2020 (42 U.S.C.  
4 13344) is amended—

5 (1) in subsection (b), by inserting “and annu-  
6 ally thereafter while the facility established under  
7 subsection (c) remains in operation,” after “enact-  
8 ment of this Act,”;

9 (2) by redesignating subsection (c) as sub-  
10 section (d); and

11 (3) by inserting after subsection (b) the fol-  
12 lowing:

13 “(c) RARE EARTH DEMONSTRATION FACILITY.—

14 “(1) ESTABLISHMENT.—In coordination with  
15 the research program under subsection (a)(1)(A),  
16 the Secretary shall fund, through an agreement with  
17 an academic partner, the design, construction, and  
18 build-out of a facility to demonstrate the commercial  
19 feasibility of a full-scale integrated rare earth ele-  
20 ment extraction and separation facility and refinery.

21 “(2) FACILITY ACTIVITIES.—The facility estab-  
22 lished under paragraph (1) shall—

23 “(A) provide environmental benefits  
24 through use of feedstock derived from acid mine  
25 drainage, mine waste, or other deleterious ma-  
26 terial;



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1           “(B) separate mixed rare earth oxides into  
2 pure oxides of each rare earth element;

3           “(C) refine rare earth oxides into rare  
4 earth metals; and

5           “(D) provide for separation of rare earth  
6 oxides and refining into rare earth metals at a  
7 single site.

8           “(3) AUTHORIZATION OF APPROPRIATIONS.—  
9 There is authorized to be appropriated to the Sec-  
10 retary to carry out this subsection \$140,000,000 for  
11 fiscal year 2022, to remain available until ex-  
12 pended.”.

13 **SEC. 30206. CRITICAL MINERALS SUPPLY CHAINS AND RE-**  
14 **LIABILITY.**

15           (a) DEFINITION OF CRITICAL MINERAL.—In this  
16 section, the term “critical mineral” has the meaning given  
17 the term in section 7002(a) of the Energy Act of 2020  
18 (30 U.S.C. 1606(a)).

19           (b) SENSE OF CONGRESS.—It is the sense of Con-  
20 gress that—

21           (1) critical minerals are fundamental to the  
22 economy, competitiveness, and security of the United  
23 States;

1           (2) many critical minerals are only economic to  
2           recover when combined with the production of a host  
3           mineral;

4           (3) to the maximum extent practicable, the crit-  
5           ical mineral needs of the United States should be  
6           satisfied by minerals responsibly produced and recy-  
7           cled in the United States; and

8           (4) the Federal permitting process has been  
9           identified as an impediment to mineral production  
10          and the mineral security of the United States.

11          (c) **FEDERAL PERMITTING AND REVIEW PERFORM-**  
12 **ANCE IMPROVEMENTS.**—To improve the quality and time-  
13 liness of Federal permitting and review processes with re-  
14 spect to critical mineral production on Federal land, the  
15 Secretary of the Interior, acting through the Director of  
16 the Bureau of Land Management, and the Secretary of  
17 Agriculture, acting through the Chief of the Forest Service  
18 (referred to in this section as the “Secretaries”), to the  
19 maximum extent practicable, shall complete the Federal  
20 permitting and review processes with maximum efficiency  
21 and effectiveness, while supporting vital economic growth,  
22 by—

23           (1) establishing and adhering to timelines and  
24           schedules for the consideration of, and final deci-  
25           sions regarding, applications, operating plans, leases,

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1 licenses, permits, and other use authorizations for  
2 critical mineral-related activities on Federal land;

3 (2) establishing clear, quantifiable, and tem-  
4 poral permitting performance goals and tracking  
5 progress against those goals;

6 (3) engaging in early collaboration among agen-  
7 cies, project sponsors, and affected stakeholders—

8 (A) to incorporate and address the inter-  
9 ests of those parties; and

10 (B) to minimize delays;

11 (4) ensuring transparency and accountability by  
12 using cost-effective information technology to collect  
13 and disseminate information regarding individual  
14 projects and agency performance;

15 (5) engaging in early and active consultation  
16 with State, local, and Tribal governments—

17 (A) to avoid conflicts or duplication of ef-  
18 fort;

19 (B) to resolve concerns; and

20 (C) to allow for concurrent, rather than se-  
21 quential, reviews;

22 (6) providing demonstrable improvements in the  
23 performance of Federal permitting and review proc-  
24 esses, including lower costs and more timely deci-  
25 sions;

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1           (7) expanding and institutionalizing Federal  
2           permitting and review process improvements that  
3           have proven effective;

4           (8) developing mechanisms to better commu-  
5           nicate priorities and resolve disputes among agencies  
6           at the national, regional, State, and local levels; and

7           (9) developing other practices, such as  
8           preapplication procedures.

9           (d) REVIEW AND REPORT.—Not later than 1 year  
10          after the date of enactment of this Act, the Secretaries  
11          shall submit to Congress a report that—

12           (1) identifies additional measures, including  
13           regulatory and legislative proposals, if appropriate,  
14           that would increase the timeliness of permitting ac-  
15           tivities for the exploration and development of do-  
16           mestic critical minerals;

17           (2) identifies options, including cost recovery  
18           paid by permit applicants, for ensuring adequate  
19           staffing and training of Federal entities and per-  
20           sonnel responsible for the consideration of applica-  
21           tions, operating plans, leases, licenses, permits, and  
22           other use authorizations for critical mineral-related  
23           activities on Federal land;

24           (3) quantifies the period of time typically re-  
25           quired to complete each step associated with the de-

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1 velopment and processing of applications, operating  
2 plans, leases, licenses, permits, and other use au-  
3 thorizations for critical mineral-related activities on  
4 Federal land, including by—

5 (A) calculating the range, the mean, the  
6 median, the variance, and other statistical  
7 measures or representations of the period of  
8 time; and

9 (B) taking into account other aspects that  
10 affect the period of time that are outside the  
11 control of the Executive branch, such as judicial  
12 review, applicant decisions, or State and local  
13 government involvement; and

14 (4) describes actions carried out pursuant to  
15 subsection (c).

16 (e) PERFORMANCE METRIC.—Not later than 90 days  
17 after the date of submission of the report under subsection  
18 (d), and after providing public notice and an opportunity  
19 to comment, the Secretaries, using as a baseline the period  
20 of time quantified under paragraph (3) of that subsection,  
21 shall develop and publish a performance metric for evalu-  
22 ating the progress made by the Executive branch to expe-  
23 dite the permitting of activities that will increase explo-  
24 ration for, and development of, domestic critical minerals,  
25 while maintaining environmental standards.

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1 (f) ANNUAL REPORTS.—Not later than the date on  
2 which the President submits the first budget of the Presi-  
3 dent under section 1105 of title 31, United States Code,  
4 after publication of the performance metric required under  
5 subsection (e), and annually thereafter, the Secretaries  
6 shall submit to Congress a report that—

7 (1) summarizes the implementation of rec-  
8 ommendations, measures, and options identified in  
9 paragraphs (1) and (2) of subsection (d);

10 (2) using the performance metric developed  
11 under subsection (e), describes progress made by the  
12 Executive branch, as compared to the baseline devel-  
13 oped pursuant to subsection (d)(3), in expediting the  
14 permitting of activities that will increase exploration  
15 for, and development of, domestic critical minerals;  
16 and

17 (3) compares the United States to other coun-  
18 tries in terms of permitting efficiency and any other  
19 criteria relevant to the globally competitive critical  
20 minerals industry.

21 (g) INDIVIDUAL PROJECTS.—Each year, using data  
22 contained in the reports submitted under subsection (f),  
23 the Director of the Office of Management and Budget  
24 shall prioritize inclusion of individual critical mineral  
25 projects on the website operated by the Office of Manage-

1 ment and Budget in accordance with section 1122 of title  
2 31, United States Code.

3 **SEC. 30207. BATTERY PROCESSING AND MANUFACTURING.**

4 (a) DEFINITIONS.—In this section:

5 (1) ADVANCED BATTERY.—The term “advanced  
6 battery” means a battery that consists of a battery  
7 cell that can be integrated into a module, pack, or  
8 system to be used in energy storage applications, in-  
9 cluding electric vehicles and the electric grid.

10 (2) ADVANCED BATTERY COMPONENT.—

11 (A) IN GENERAL.—The term “advanced  
12 battery component” means a component of an  
13 advanced battery.

14 (B) INCLUSIONS.—The term “advanced  
15 battery component” includes materials, en-  
16 hancements, enclosures, anodes, cathodes, elec-  
17 trolytes, cells, and other associated technologies  
18 that comprise an advanced battery.

19 (3) BATTERY MATERIAL.—The term “battery  
20 material” means the raw and processed form of a  
21 mineral, metal, chemical, or other material used in  
22 an advanced battery component.

23 (4) ELIGIBLE ENTITY.—The term “eligible enti-  
24 ty” means an entity described in any of paragraphs

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1 (1) through (5) of section 989(b) of the Energy Pol-  
2 icy Act of 2005 (42 U.S.C. 16353(b)).

3 (5) FOREIGN ENTITY OF CONCERN.—The term  
4 “foreign entity of concern” means a foreign entity  
5 that is—

6 (A) designated as a foreign terrorist orga-  
7 nization by the Secretary of State under section  
8 219(a) of the Immigration and Nationality Act  
9 (8 U.S.C. 1189(a));

10 (B) included on the list of specially des-  
11 ignated nationals and blocked persons main-  
12 tained by the Office of Foreign Assets Control  
13 of the Department of the Treasury (commonly  
14 known as the “SDN list”);

15 (C) owned by, controlled by, or subject to  
16 the jurisdiction or direction of a government of  
17 a foreign country that is a covered nation (as  
18 defined in section 2533c(d) of title 10, United  
19 States Code);

20 (D) alleged by the Attorney General to  
21 have been involved in activities for which a con-  
22 viction was obtained under—

23 (i) chapter 37 of title 18, United  
24 States Code (commonly known as the “Es-  
25 pionage Act”);



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1 (ii) section 951 or 1030 of title 18,  
2 United States Code;

3 (iii) chapter 90 of title 18, United  
4 States Code (commonly known as the  
5 “Economic Espionage Act of 1996”);

6 (iv) the Arms Export Control Act (22  
7 U.S.C. 2751 et seq.);

8 (v) section 224, 225, 226, 227, or 236  
9 of the Atomic Energy Act of 1954 (42  
10 U.S.C. 2274, 2275, 2276, 2277, and  
11 2284);

12 (vi) the Export Control Reform Act of  
13 2018 (50 U.S.C. 4801 et seq.); or

14 (vii) the International Emergency  
15 Economic Powers Act (50 U.S.C. 1701 et  
16 seq.); or

17 (E) determined by the Secretary, in con-  
18 sultation with the Secretary of Defense and the  
19 Director of National Intelligence, to be engaged  
20 in unauthorized conduct that is detrimental to  
21 the national security or foreign policy of the  
22 United States.

23 (6) MANUFACTURING.—The term “manufac-  
24 turing”, with respect to an advanced battery and an  
25 advanced battery component, means the industrial

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1 and chemical steps taken to produce that advanced  
2 battery or advanced battery component, respectively.

3 (7) PROCESSING.—The term “processing”, with  
4 respect to battery material, means the refining of  
5 materials, including the treating, baking, and coat-  
6 ing processes used to convert raw products into con-  
7 stituent materials employed directly in advanced bat-  
8 tery manufacturing.

9 (8) RECYCLING.—The term “recycling” means  
10 the recovery of materials from advanced batteries to  
11 be reused in similar applications, including the ex-  
12 tracting, processing, and recoating of battery mate-  
13 rials and advanced battery components.

14 (b) BATTERY MATERIAL PROCESSING GRANTS.—

15 (1) IN GENERAL.—Not later than 180 days  
16 after the date of enactment of this Act, the Sec-  
17 retary shall establish within the Office of Fossil En-  
18 ergy a program, to be known as the “Battery Mate-  
19 rial Processing Grant Program” (referred to in this  
20 subsection as the “program”), under which the Sec-  
21 retary shall award grants in accordance with this  
22 subsection.

23 (2) PURPOSES.—The purposes of the program  
24 are—

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1 (A) to ensure that the United States has  
2 a viable battery materials processing industry to  
3 supply the North American battery supply  
4 chain;

5 (B) to expand the capabilities of the  
6 United States in advanced battery manufac-  
7 turing;

8 (C) to enhance national security by reduc-  
9 ing the reliance of the United States on foreign  
10 competitors for critical materials and tech-  
11 nologies; and

12 (D) to enhance the domestic processing ca-  
13 pacity of minerals necessary for battery mate-  
14 rials and advanced batteries.

15 (3) GRANTS.—

16 (A) IN GENERAL.—Under the program,  
17 the Secretary shall award grants to eligible en-  
18 tities—

19 (i) to carry out 1 or more demonstra-  
20 tion projects in the United States for the  
21 processing of battery materials;

22 (ii) to construct 1 or more new com-  
23 mercial-scale battery material processing  
24 facilities in the United States; and

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1 (iii) to retool, retrofit, or expand 1 or  
2 more existing battery material processing  
3 facilities located in the United States and  
4 determined qualified by the Secretary.

5 (B) AMOUNT LIMITATION.—The amount of  
6 a grant awarded under the program shall be  
7 not less than—

8 (i) \$50,000,000 for an eligible entity  
9 carrying out 1 or more projects described  
10 in subparagraph (A)(i);

11 (ii) \$100,000,000 for an eligible entity  
12 carrying out 1 or more projects described  
13 in subparagraph (A)(ii); and

14 (iii) \$50,000,000 for an eligible entity  
15 carrying out 1 or more projects described  
16 in subparagraph (A)(iii).

17 (C) PRIORITY; CONSIDERATION.—In  
18 awarding grants to eligible entities under the  
19 program, the Secretary shall—

20 (i) give priority to an eligible entity  
21 that—

22 (I) is located and operates in the  
23 United States;

24 (II) is owned by a United States  
25 entity;

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1 (III) deploys North American-  
2 owned intellectual property and con-  
3 tent;

4 (IV) represents consortia or in-  
5 dustry partnerships; and

6 (V) will not use battery material  
7 supplied by or originating from a for-  
8 eign entity of concern; and

9 (ii) take into consideration whether a  
10 project—

11 (I) provides workforce opportuni-  
12 ties in low- and moderate-income com-  
13 munities;

14 (II) encourages partnership with  
15 universities and laboratories to spur  
16 innovation and drive down costs;

17 (III) partners with Indian Tribes;  
18 and

19 (IV) takes into account—

20 (aa) greenhouse gas emis-  
21 sions reductions and energy effi-  
22 cient battery material processing  
23 opportunities throughout the  
24 manufacturing process; and

25 (bb) supply chain logistics.

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1 (4) AUTHORIZATION OF APPROPRIATIONS.—

2 There is authorized to be appropriated to the Sec-  
3 retary to carry out the program \$3,000,000,000 for  
4 the period of fiscal years 2022 through 2026, to re-  
5 main available until expended.

6 (c) BATTERY MANUFACTURING AND RECYCLING  
7 GRANTS.—

8 (1) IN GENERAL.—Not later than 180 days  
9 after the date of enactment of this Act, the Sec-  
10 retary shall establish within the Office of Energy Ef-  
11 ficiency and Renewable Energy a battery manufac-  
12 turing and recycling grant program (referred to in  
13 this subsection as the “program”).

14 (2) PURPOSE.—The purpose of the program is  
15 to ensure that the United States has a viable domes-  
16 tic manufacturing and recycling capability to sup-  
17 port and sustain a North American battery supply  
18 chain.

19 (3) GRANTS.—

20 (A) IN GENERAL.—Under the program,  
21 the Secretary shall award grants to eligible en-  
22 tities—

23 (i) to carry out 1 or more demonstra-  
24 tion projects for advanced battery compo-

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1           nent manufacturing, advanced battery  
2           manufacturing, and recycling;

3           (ii) to construct 1 or more new com-  
4           mercial-scale advanced battery component  
5           manufacturing, advanced battery manufac-  
6           turing, or recycling facilities in the United  
7           States; and

8           (iii) to retool, retrofit, or expand 1 or  
9           more existing facilities located in the  
10          United States and determined qualified by  
11          the Secretary for advanced battery compo-  
12          nent manufacturing, advanced battery  
13          manufacturing, and recycling.

14          (B) AMOUNT LIMITATION.—The amount of  
15          a grant awarded under the program shall be  
16          not less than—

17               (i) \$50,000,000 for an eligible entity  
18               carrying out 1 or more projects described  
19               in subparagraph (A)(i);

20               (ii) \$100,000,000 for an eligible entity  
21               carrying out 1 or more projects described  
22               in subparagraph (A)(ii); and

23               (iii) \$50,000,000 for an eligible entity  
24               carrying out 1 or more projects described  
25               in subparagraph (A)(iii).

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1 (C) PRIORITY; CONSIDERATION.—In  
2 awarding grants to eligible entities under the  
3 program, the Secretary shall—

4 (i) give priority to an eligible entity  
5 that—

6 (I) is located and operates in the  
7 United States;

8 (II) is owned by a United States  
9 entity;

10 (III) deploys North American-  
11 owned intellectual property and con-  
12 tent;

13 (IV) represents consortia or in-  
14 dustry partnerships; and

15 (V)(aa) if the eligible entity will  
16 use the grant for advanced battery  
17 component manufacturing, will not  
18 use battery material supplied by or  
19 originating from a foreign entity of  
20 concern; or

21 (bb) if the eligible entity will use  
22 the grant for battery recycling, will  
23 not export recovered critical materials  
24 to a foreign entity of concern; and



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1 (ii) take into consideration whether a  
2 project—

3 (I) provides workforce opportuni-  
4 ties in low- and moderate-income or  
5 rural communities;

6 (II) provides workforce opportu-  
7 nities in communities that have lost  
8 jobs due to the displacements of fossil  
9 energy jobs;

10 (III) encourages partnership with  
11 universities and laboratories to spur  
12 innovation and drive down costs;

13 (IV) partners with Indian Tribes;

14 (V) takes into account—

15 (aa) greenhouse gas emis-  
16 sions reductions and energy effi-  
17 cient battery material processing  
18 opportunities throughout the  
19 manufacturing process; and

20 (bb) supply chain logistics;  
21 and

22 (VI) utilizes feedstock produced  
23 in the United States.

24 (4) AUTHORIZATION OF APPROPRIATIONS.—

25 There is authorized to be appropriated to the Sec-

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1       retary to carry out the program \$3,000,000,000 for  
2       the period of fiscal years 2022 through 2026, to re-  
3       main available until expended.

4       (d) REPORTING REQUIREMENTS.—Not later than 1  
5       year after the date of enactment of this Act, and annually  
6       thereafter, the Secretary shall submit to Congress a report  
7       on the grant programs established under subsections (b)  
8       and (c), including, with respect to each grant program,  
9       a description of—

10           (1) the number of grant applications received;

11           (2) the number of grants awarded and the  
12       amount of each award;

13           (3) the purpose and status of each project car-  
14       ried out using a grant; and

15           (4) any other information the Secretary deter-  
16       mines necessary.

17       (e) LITHIUM-ION BATTERY RECYCLING PRIZE COM-  
18       PETITION.—

19           (1) IN GENERAL.—The Secretary shall continue  
20       to carry out the Lithium-Ion Battery Recycling  
21       Prize Competition of the Department established  
22       pursuant to section 24 of the Stevenson-Wydler  
23       Technology Innovation Act of 1980 (15 U.S.C.  
24       3719) (referred to in this subsection as the “com-  
25       petition”).

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1 (2) AUTHORIZATION OF APPROPRIATIONS FOR  
2 PILOT PROJECTS.—

3 (A) IN GENERAL.—There is authorized to  
4 be appropriated to the Secretary to carry out  
5 Phase III of the competition, \$10,000,000 for  
6 fiscal year 2022, to remain available until ex-  
7 pended.

8 (B) USE OF FUNDS.—The Secretary may  
9 use amounts made available under subpara-  
10 graph (A)—

11 (i) to increase the number of winners  
12 of Phase III of the competition;

13 (ii) to increase the amount awarded to  
14 each winner of Phase III of the competi-  
15 tion; and

16 (iii) to carry out any other activity  
17 that is consistent with the goals of Phase  
18 III of the competition, as determined by  
19 the Secretary.

20 (f) BATTERY AND CRITICAL MINERAL RECYCLING.—

21 (1) DEFINITIONS.—In this subsection:

22 (A) ADMINISTRATOR.—The term “Admin-  
23 istrator” means the Administrator of the Envi-  
24 ronmental Protection Agency.

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1 (B) BATTERY.—The term “battery” means  
2 a device that—

3 (i) consists of 1 or more electro-  
4 chemical cells that are electrically con-  
5 nected; and

6 (ii) is designed to store and deliver  
7 electric energy.

8 (C) BATTERY PRODUCER.—The term “bat-  
9 tery producer” means, with respect to a covered  
10 battery or covered battery-containing product  
11 that is sold, offered for sale, or distributed for  
12 sale in the United States, including through re-  
13 tail, wholesale, business-to-business, and online  
14 sale, the following applicable entity:

15 (i) A person who—

16 (I) manufactures the covered bat-  
17 tery or covered battery-containing  
18 product; and

19 (II) sells or offers for sale the  
20 covered battery or covered battery-  
21 containing product under the brand of  
22 that person.

23 (ii) If there is no person described in  
24 clause (i) with respect to the covered bat-  
25 tery or covered battery-containing product,

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1 the owner or licensee of the brand under  
2 which the covered battery or covered bat-  
3 tery-containing product is sold, offered for  
4 sale, or distributed, regardless of whether  
5 the trademark of the brand is registered.

6 (iii) If there is no person described in  
7 clause (i) or (ii) with respect to the covered  
8 battery or covered battery-containing prod-  
9 uct, a person that imports the covered bat-  
10 tery or covered battery-containing product  
11 into the United States for sale or distribu-  
12 tion.

13 (D) COVERED BATTERY.—The term “cov-  
14 ered battery” means a new or unused primary  
15 battery or rechargeable battery.

16 (E) COVERED BATTERY-CONTAINING  
17 PRODUCT.—The term “covered battery-con-  
18 taining product” means a new or unused prod-  
19 uct that contains or is packaged with a primary  
20 battery or rechargeable battery.

21 (F) CRITICAL MINERAL.—The term “crit-  
22 ical mineral” has the meaning given the term in  
23 section 7002(a) of the Energy Act of 2020 (30  
24 U.S.C. 1606(a)).

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1 (G) PRIMARY BATTERY.—The term “pri-  
2 mary battery” means a nonrechargeable battery  
3 that weighs not more than 4.4 pounds, includ-  
4 ing an alkaline, carbon-zinc, and lithium metal  
5 battery.

6 (H) RECHARGEABLE BATTERY.—

7 (i) IN GENERAL.—The term “re-  
8 chargeable battery” means a battery  
9 that—

10 (I) contains 1 or more voltaic or  
11 galvanic cells that are electrically con-  
12 nected to produce electric energy;

13 (II) is designed to be recharged;

14 (III) weighs not more than 11  
15 pounds; and

16 (IV) has a watt-hour rating of  
17 not more than 300 watt-hours.

18 (ii) EXCLUSIONS.—The term “re-  
19 chargeable battery” does not include a bat-  
20 tery that—

21 (I) contains electrolyte as a free  
22 liquid; or

23 (II) employs lead-acid technology,  
24 unless that battery is sealed and does  
25 not contain electrolyte as a free liquid.

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1 (I) RECYCLING.—The term “recycling”  
2 means the series of activities—

3 (i) during which recyclable materials  
4 are processed into specification-grade com-  
5 modities, and consumed as raw-material  
6 feedstock, in lieu of virgin materials, in the  
7 manufacturing of new products;

8 (ii) that may include collection, proc-  
9 essing, and brokering; and

10 (iii) that result in subsequent con-  
11 sumption by a materials manufacturer, in-  
12 cluding for the manufacturing of new prod-  
13 ucts.

14 (2) BATTERY RECYCLING RESEARCH, DEVELOP-  
15 MENT, AND DEMONSTRATION GRANTS.—

16 (A) IN GENERAL.—The Secretary, in co-  
17 ordination with the Administrator, shall award  
18 multiyear grants to eligible entities for research,  
19 development, and demonstration projects to cre-  
20 ate innovative and practical approaches to in-  
21 crease the reuse and recycling of batteries, in-  
22 cluding by addressing—

23 (i) recycling activities;

24 (ii) the development of methods to  
25 promote the design and production of bat-

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1 teries that take into full account and facili-  
2 tate the dismantling, reuse, recovery, and  
3 recycling of battery components and mate-  
4 rials;

5 (iii) strategies to increase consumer  
6 acceptance of, and participation in, the re-  
7 cycling of batteries;

8 (iv) the extraction or recovery of crit-  
9 ical minerals from batteries that are recy-  
10 cled;

11 (v) the integration of increased quan-  
12 tities of recycled critical minerals in bat-  
13 teries and other products to develop mar-  
14 kets for recycled battery materials and  
15 critical minerals;

16 (vi) safe disposal of waste materials  
17 and components recovered during the recy-  
18 cling process;

19 (vii) the protection of the health and  
20 safety of all persons involved in, or in  
21 proximity to, recycling and reprocessing  
22 activities, including communities located  
23 near recycling and materials reprocessing  
24 facilities;



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1 (viii) mitigation of environmental im-  
2 pacts that arise from recycling batteries,  
3 including disposal of toxic reagents and by-  
4 products related to recycling processes;

5 (ix) protection of data privacy associ-  
6 ated with collected covered battery-con-  
7 taining products;

8 (x) the optimization of the value of  
9 material derived from recycling batteries;  
10 and

11 (xi) the cost-effectiveness and benefits  
12 of the reuse and recycling of batteries and  
13 critical minerals.

14 (B) ELIGIBLE ENTITIES.—The Secretary,  
15 in coordination with the Administrator, may  
16 award a grant under subparagraph (A) to—

17 (i) an institution of higher education;

18 (ii) a National Laboratory;

19 (iii) a Federal research agency;

20 (iv) a State research agency;

21 (v) a nonprofit organization;

22 (vi) an industrial entity;

23 (vii) a manufacturing entity;

24 (viii) a private battery-collection enti-

25 ty;

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1 (ix) an entity operating 1 or more  
2 battery recycling activities;

3 (x) a State or municipal government  
4 entity;

5 (xi) a battery producer;

6 (xii) a battery retailer; or

7 (xiii) a consortium of 2 or more enti-  
8 ties described in clauses (i) through (xii).

9 (C) APPLICATIONS.—

10 (i) IN GENERAL.—To be eligible to re-  
11 ceive a grant under subparagraph (A), an  
12 eligible entity described in subparagraph  
13 (B) shall submit to the Secretary an appli-  
14 cation at such time, in such manner, and  
15 containing such information as the Sec-  
16 retary may require.

17 (ii) CONTENTS.—An application sub-  
18 mitted under clause (i) shall describe how  
19 the project will promote collaboration  
20 among—

21 (I) battery producers and manu-  
22 facturers;

23 (II) battery material and equip-  
24 ment manufacturers;

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1 (III) battery recyclers, collectors,  
2 and refiners; and

3 (IV) retailers.

4 (D) AUTHORIZATION OF APPROPRIA-  
5 TIONS.—There is authorized to be appropriated  
6 to the Secretary to carry out this paragraph  
7 \$60,000,000 for the period of fiscal years 2022  
8 through 2026.

9 (3) STATE AND LOCAL PROGRAMS.—

10 (A) IN GENERAL.—The Secretary, in co-  
11 ordination with the Administrator, shall estab-  
12 lish a program under which the Secretary shall  
13 award grants, on a competitive basis, to States  
14 and units of local government to assist in the  
15 establishment or enhancement of State battery  
16 collection, recycling, and reprocessing programs.

17 (B) NON-FEDERAL COST SHARE.—The  
18 non-Federal share of the cost of a project car-  
19 ried out using a grant under this paragraph  
20 shall be 50 percent of the cost of the project.

21 (C) REPORT.—Not later than 2 years after  
22 the date of enactment of this Act, and annually  
23 thereafter, the Secretary shall submit to Con-  
24 gress a report that describes the number of bat-  
25 tery collection points established or enhanced,

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1 an estimate of jobs created, and the quantity of  
2 material collected as a result of the grants  
3 awarded under subparagraph (A).

4 (D) AUTHORIZATION OF APPROPRIA-  
5 TIONS.—There is authorized to be appropriated  
6 to the Secretary to carry out this paragraph  
7 \$50,000,000 for the period of fiscal years 2022  
8 through 2026.

9 (4) RETAILERS AS COLLECTION POINTS.—

10 (A) IN GENERAL.—The Secretary shall  
11 award grants, on a competitive basis, to retail-  
12 ers that sell covered batteries or covered bat-  
13 tery-containing products to establish and imple-  
14 ment a system for the acceptance and collection  
15 of covered batteries and covered battery-con-  
16 taining products, as applicable, for reuse, recy-  
17 cling, or proper disposal.

18 (B) COLLECTION SYSTEM.—A system de-  
19 scribed in subparagraph (A) shall include take-  
20 back of covered batteries—

21 (i) at no cost to the consumer; and

22 (ii) on a regular, convenient, and ac-  
23 cessible basis.

24 (C) AUTHORIZATION OF APPROPRIA-  
25 TIONS.—There is authorized to be appropriated

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1 to the Secretary to carry out this paragraph  
2 \$15,000,000 for the period of fiscal years 2022  
3 through 2026.

4 (5) TASK FORCE ON PRODUCER RESPONSIBIL-  
5 ITIES.—

6 (A) IN GENERAL.—The Secretary, in co-  
7 ordination with the Administrator, shall con-  
8 vene a task force to develop an extended battery  
9 producer responsibility framework that—

10 (i) addresses battery recycling goals,  
11 cost structures for mandatory recycling, re-  
12 porting requirements, product design, col-  
13 lection models, and transportation of col-  
14 lected materials;

15 (ii) provides sufficient flexibility to  
16 allow battery producers to determine cost-  
17 effective strategies for compliance with the  
18 framework; and

19 (iii) outlines regulatory pathways for  
20 effective recycling.

21 (B) TASK FORCE MEMBERS.—Members of  
22 the task force convened under subparagraph  
23 (A) shall include—

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1 (i) battery producers, manufacturers,  
2 retailers, recyclers, and collectors or proc-  
3 essors;

4 (ii) States and municipalities; and

5 (iii) other relevant stakeholders, such  
6 as environmental, energy, or consumer or-  
7 ganizations, as determined by the Sec-  
8 retary.

9 (C) REPORT.—Not later than 1 year after  
10 the date on which the Secretary, in coordination  
11 with Administrator, convenes the task force  
12 under subparagraph (A), the Secretary shall  
13 submit to Congress a report that—

14 (i) describes the extended producer re-  
15 sponsibility framework developed by the  
16 task force;

17 (ii) includes the recommendations of  
18 the task force on how best to implement a  
19 mandatory pay-in or other enforcement  
20 mechanism to ensure that battery pro-  
21 ducers and sellers are contributing to the  
22 recycling of batteries; and

23 (iii) suggests regulatory pathways for  
24 effective recycling.

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1           (6) EFFECT ON MERCURY-CONTAINING AND RE-  
2           CHARGEABLE BATTERY MANAGEMENT ACT.—Noth-  
3           ing in this subsection, or any regulation, guideline,  
4           framework, or policy adopted or promulgated pursu-  
5           ant to this subsection, shall modify or otherwise af-  
6           fect the provisions of the Mercury-Containing and  
7           Rechargeable Battery Management Act (42 U.S.C.  
8           14301 et seq.).

9 **SEC. 30208. ELECTRIC DRIVE VEHICLE BATTERY RECY-**  
10 **CLING AND SECOND-LIFE APPLICATIONS**  
11 **PROGRAM.**

12           Section 641 of the Energy Independence and Security  
13 Act of 2007 (42 U.S.C. 17231) is amended—

14           (1) by striking subsection (k) and inserting the  
15 following:

16           “(k) ELECTRIC DRIVE VEHICLE BATTERY SECOND-  
17 LIFE APPLICATIONS AND RECYCLING.—

18           “(1) DEFINITIONS.—In this subsection:

19           “(A) BATTERY RECYCLING AND SECOND-  
20 LIFE APPLICATIONS PROGRAM.—The term ‘bat-  
21 tery recycling and second-life applications pro-  
22 gram’ means the electric drive vehicle battery  
23 recycling and second-life applications program  
24 established under paragraph (3).

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1           “(B) CRITICAL MATERIAL.—The term  
2           ‘critical material’ has the meaning given the  
3           term in section 7002(a) of the Energy Act of  
4           2020 (30 U.S.C. 1606(a)).

5           “(C) ECONOMICALLY DISTRESSED AREA.—  
6           The term ‘economically distressed area’ means  
7           an area described in section 301(a) of the Pub-  
8           lic Works and Economic Development Act of  
9           1965 (42 U.S.C. 3161(a)).

10           “(D) ELECTRIC DRIVE VEHICLE BAT-  
11           TERY.—The term ‘electric *drive* vehicle battery’  
12           means any battery that is a motive power  
13           source for an electric drive vehicle.

14           “(E) ELIGIBLE ENTITY.—The term ‘eligi-  
15           ble entity’ means an entity described in any of  
16           paragraphs (1) through (5) of section 989(b) of  
17           the Energy Policy Act of 2005 (42 U.S.C.  
18           16353(b)).

19           “(2) PROGRAM.—The Secretary shall carry out  
20           a program of research, development, and demonstra-  
21           tion of—

22           “(A) second-life applications for electric  
23           drive vehicle batteries that have been used to  
24           power electric drive vehicles; and



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1           “(B) technologies and processes for final  
2           recycling and disposal of the devices described  
3           in subparagraph (A).

4           “(3) ELECTRIC DRIVE VEHICLE BATTERY RECY-  
5           CLING AND SECOND-LIFE APPLICATIONS.—

6           “(A) IN GENERAL.—In carrying out the  
7           program under paragraph (2), the Secretary  
8           shall establish an electric drive vehicle battery  
9           recycling and second-life applications program  
10          under which the Secretary shall—

11                   “(i) award grants under subparagraph  
12                   (D); and

13                   “(ii) carry out other activities in ac-  
14                   cordance with this paragraph.

15           “(B) PURPOSES.—The purposes of the  
16           battery recycling and second-life applications  
17           program are the following:

18                   “(i) To improve the recycling rates  
19                   and second-use adoption rates of electric  
20                   drive vehicle batteries.

21                   “(ii) To optimize the design and  
22                   adaptability of electric drive vehicle bat-  
23                   teries to make electric drive vehicle bat-  
24                   teries more easily recyclable.

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1           “(iii) To establish alternative supply  
2 chains for critical materials that are found  
3 in electric drive vehicle batteries.

4           “(iv) To reduce the cost of manufac-  
5 turing, installation, purchase, operation,  
6 and maintenance of electric drive vehicle  
7 batteries.

8           “(v) To improve the environmental  
9 impact of electric drive vehicle battery re-  
10 cycling processes.

11           “(C) TARGETS.—In carrying out the bat-  
12 tery recycling and second-life applications pro-  
13 gram, the Secretary shall address near-term (up  
14 to 2 years), mid-term (up to 5 years), and long-  
15 term (up to 10 years) challenges to the recy-  
16 cling of electric drive vehicle batteries.

17           “(D) GRANTS.—

18           “(i) IN GENERAL.—In carrying out  
19 the battery recycling and second-life appli-  
20 cations program, the Secretary shall award  
21 multiyear grants on a competitive, merit-  
22 reviewed basis to eligible entities—

23           “(I) to conduct research, develop-  
24 ment, testing, and evaluation of solu-  
25 tions to increase the rate and produc-

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1 tivity of electric drive vehicle battery  
2 recycling; and

3 “(II) for research, development,  
4 and demonstration projects to create  
5 innovative and practical approaches to  
6 increase the recycling and second-use  
7 of electric drive vehicle batteries, in-  
8 cluding by addressing—

9 “(aa) technology to increase  
10 the efficiency of electric drive ve-  
11 hicle battery recycling and maxi-  
12 mize the recovery of critical ma-  
13 terials for use in new products;

14 “(bb) expanded uses for crit-  
15 ical materials recovered from  
16 electric drive vehicle batteries;

17 “(cc) product design and  
18 construction to facilitate the dis-  
19 assembly and recycling of electric  
20 drive vehicle batteries;

21 “(dd) product design and  
22 construction and other tools and  
23 techniques to extend the lifecycle  
24 of electric drive vehicle batteries,  
25 including methods to promote the

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1 safe second-use of electric drive  
2 vehicle batteries;

3 “(ee) strategies to increase  
4 consumer acceptance of, and par-  
5 ticipation in, the recycling of  
6 electric drive vehicle batteries;

7 “(ff) improvements and  
8 changes to electric drive vehicle  
9 battery chemistries that include  
10 ways to decrease processing costs  
11 for battery recycling without sac-  
12 rificing front-end performance;

13 “(gg) second-use of electric  
14 drive vehicle batteries, including  
15 in applications outside of the  
16 automotive industry; and

17 “(hh) the commercialization  
18 and scale-up of electric drive ve-  
19 hicle battery recycling tech-  
20 nologies.

21 “(ii) PRIORITY.—In awarding grants  
22 under clause (i), the Secretary shall give  
23 priority to projects that—

24 “(I) are located in geographically  
25 diverse regions of the United States;

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1                   “(II) include business commer-  
2                   cialization plans that have the poten-  
3                   tial for the recycling of electric drive  
4                   vehicle batteries at high volumes;

5                   “(III) support the development of  
6                   advanced manufacturing technologies  
7                   that have the potential to improve the  
8                   competitiveness of the United States  
9                   in the international electric drive vehi-  
10                  cle battery manufacturing sector;

11                  “(IV) provide the greatest poten-  
12                  tial to reduce costs for consumers and  
13                  promote accessibility and community  
14                  implementation of demonstrated tech-  
15                  nologies;

16                  “(V) increase disclosure and  
17                  transparency of information to con-  
18                  sumers;

19                  “(VI) support the development or  
20                  demonstration of projects in economi-  
21                  cally distressed areas; and

22                  “(VII) support other relevant pri-  
23                  orities, as determined to be appro-  
24                  priate by the Secretary.

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1           “(iii) SOLICITATION.—Not later than  
2           90 days after the date of enactment of the  
3           Infrastructure Investment and Jobs Act,  
4           and annually thereafter, the Secretary  
5           shall conduct a national solicitation for ap-  
6           plications for grants described in clause (i).

7           “(iv) DISSEMINATION OF RESULTS.—  
8           The Secretary shall publish the results of  
9           the projects carried out through grants  
10          awarded under clause (i) through—

11                 “(I) best practices relating to  
12                 those grants, for use in the electric  
13                 drive vehicle battery manufacturing,  
14                 design, installation, refurbishing, or  
15                 recycling industries;

16                 “(II) coordination with informa-  
17                 tion dissemination programs relating  
18                 to general recycling of electronic de-  
19                 vices; and

20                 “(III) educational materials for  
21                 the public, produced in conjunction  
22                 with State and local governments or  
23                 nonprofit organizations, on the prob-  
24                 lems and solutions relating to the re-

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1 cycling and second-life applications of  
2 electric drive vehicle batteries.

3 “(E) COORDINATION WITH OTHER PRO-  
4 GRAMS OF THE DEPARTMENT.—In carrying out  
5 the battery recycling and second-life applica-  
6 tions program, the Secretary shall coordinate  
7 and leverage the resources of complementary ef-  
8 forts of the Department.

9 “(F) STUDY AND REPORT.—

10 “(i) STUDY.—The Secretary shall con-  
11 duct a study on the viable market opportu-  
12 nities available for the recycling, second-  
13 use, and manufacturing of electric drive  
14 vehicle batteries in the United States.

15 “(ii) REPORT.—Not later than 1 year  
16 after the date of enactment of the Infra-  
17 structure Investment and Jobs Act, the  
18 Secretary shall submit to the Committee  
19 on Energy and Natural Resources of the  
20 Senate, the Committee on Science, Space,  
21 and Technology of the House of Represent-  
22 atives, and any other relevant committee of  
23 Congress a report containing the results of  
24 the study under clause (i), including a de-  
25 scription of—

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1                   “(I) the ability of relevant busi-  
2                   nesses or other entities to competi-  
3                   tively manufacture electric drive vehi-  
4                   cle batteries and recycle electric drive  
5                   vehicle batteries in the United States;

6                   “(II) any existing electric drive  
7                   vehicle battery recycling and second-  
8                   use practices and plans of electric  
9                   drive vehicle manufacturing companies  
10                  in the United States;

11                  “(III) any barriers to electric  
12                  drive vehicle battery recycling in the  
13                  United States;

14                  “(IV) opportunities and barriers  
15                  in electric drive vehicle battery supply  
16                  chains in the United States and inter-  
17                  nationally, including with allies and  
18                  trading partners;

19                  “(V) opportunities for job cre-  
20                  ation in the electric drive vehicle bat-  
21                  tery recycling and manufacturing  
22                  fields and the necessary skills employ-  
23                  ees must acquire for growth of those  
24                  fields in the United States;



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1                   “(VI) policy recommendations for  
2                   enhancing electric drive vehicle bat-  
3                   tery manufacturing and recycling in  
4                   the United States;

5                   “(VII) any recommendations for  
6                   lowering logistics costs and creating  
7                   better coordination and efficiency with  
8                   respect to the removal, collection,  
9                   transportation, storage, and dis-  
10                  assembly of electric drive vehicle bat-  
11                  teries;

12                  “(VIII) any recommendations for  
13                  areas of coordination with other Fed-  
14                  eral agencies to improve electric drive  
15                  vehicle battery recycling rates in the  
16                  United States;

17                  “(IX) an aggressive 2-year target  
18                  and plan, the implementation of which  
19                  shall begin during the 90-day period  
20                  beginning on the date on which the  
21                  report is submitted, to enhance the  
22                  competitiveness of electric drive vehi-  
23                  cle battery manufacturing and recy-  
24                  cling in the United States; and

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1                   “(X) needs for future research,  
2                   development, and demonstration  
3                   projects in electric drive vehicle bat-  
4                   tery manufacturing, recycling, and re-  
5                   lated areas, as determined by the Sec-  
6                   retary.

7                   “(G) EVALUATION.—Not later than 3  
8                   years after the date on which the report under  
9                   subparagraph (F)(ii) is submitted, and every 4  
10                  years thereafter, the Secretary shall conduct,  
11                  and make available to the public and the rel-  
12                  evant committees of Congress, an independent  
13                  review of the progress of the grants awarded  
14                  under subparagraph (D) in meeting the rec-  
15                  ommendations and targets included in the re-  
16                  port.”; and

17                  (2) in subsection (p), by striking paragraph (6)  
18                  and inserting the following:

19                  “(6) the electric drive vehicle battery recycling  
20                  and second-life applications program under sub-  
21                  section (k) \$200,000,000 for the period of fiscal  
22                  years 2022 through 2026.”.

23 **SEC. 30209. ADVANCED ENERGY MANUFACTURING AND RE-**  
24 **CYCLING GRANT PROGRAM.**

25                  (a) DEFINITIONS.—In this section:

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1 (1) ADVANCED ENERGY PROPERTY.—The term  
2 “advanced energy property” means—

3 (A) property designed to be used to  
4 produce energy from the sun, water, wind, geo-  
5 thermal or hydrothermal (as those terms are  
6 defined in section 612 of the Energy Independ-  
7 ence and Security Act of 2007 (42 U.S.C.  
8 17191)) resources, enhanced geothermal sys-  
9 tems (as defined in that section), or other re-  
10 newable resources;

11 (B) fuel cells, microturbines, or energy  
12 storage systems and components;

13 (C) electric grid modernization equipment  
14 or components;

15 (D) property designed to capture, remove,  
16 use, or sequester carbon oxide emissions;

17 (E) equipment designed to refine,  
18 electrolyze, or blend any fuel, chemical, or prod-  
19 uct that is—

20 (i) renewable; or

21 (ii) low-carbon and low-emission;

22 (F) property designed to produce energy  
23 conservation technologies (including for residen-  
24 tial, commercial, and industrial applications);

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1 (G)(i) light-, medium-, or heavy-duty elec-  
2 tric or fuel cell vehicles, electric or fuel cell loco-  
3 motives, electric or fuel cell maritime vessels, or  
4 electric or fuel cell planes;

5 (ii) technologies, components, and mate-  
6 rials of those vehicles, locomotives, maritime  
7 vessels, or planes; and

8 (iii) charging or refueling infrastructure  
9 associated with those vehicles, locomotives, mar-  
10 itime vessels, or planes;

11 (H)(i) hybrid vehicles with a gross vehicle  
12 weight rating of not less than 14,000 pounds;  
13 and

14 (ii) technologies, components, and mate-  
15 rials for those vehicles; and

16 (I) other advanced energy property de-  
17 signed to reduce greenhouse gas emissions, as  
18 may be determined by the Secretary.

19 (2) COVERED CENSUS TRACT.—The term “cov-  
20 ered census tract” means a census tract—

21 (A) in which, after December 31, 1999, a  
22 coal mine had closed;

23 (B) in which, after December 31, 2009, a  
24 coal-fired electricity generating unit had been  
25 retired; or

1 (C) that is immediately adjacent to a cen-  
2 sus tract described in subparagraph (A) or (B).

3 (3) ELIGIBLE ENTITY.—The term “eligible enti-  
4 ty” means a manufacturing firm—

5 (A) the gross annual sales of which are  
6 less than \$100,000,000;

7 (B) that has fewer than 500 employees at  
8 the plant site of the manufacturing firm; and

9 (C) the annual energy bills of which total  
10 more than \$100,000 but less than \$2,500,000.

11 (4) MINORITY-OWNED.—The term “minority-  
12 owned”, with respect to an eligible entity, means an  
13 eligible entity not less than 51 percent of which is  
14 owned by 1 or more individuals who are—

15 (A) citizens of the United States; and

16 (B) Asian American, Native Hawaiian, Pa-  
17 cific Islander, African American, Hispanic,  
18 Puerto Rican, Native American, or Alaska Na-  
19 tive.

20 (5) PROGRAM.—The term “Program” means  
21 the grant program established under subsection (b).

22 (6) QUALIFYING ADVANCED ENERGY  
23 PROJECT.—The term “qualifying advanced energy  
24 project” means a project that—

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1 (A)(i) re-equips, expands, or establishes a  
2 manufacturing or recycling facility for the pro-  
3 duction or recycling, as applicable, of advanced  
4 energy property; or

5 (ii) re-equips an industrial or manufac-  
6 turing facility with equipment designed to re-  
7 duce the greenhouse gas emissions of that facil-  
8 ity substantially below the greenhouse gas emis-  
9 sions under current best practices, as deter-  
10 mined by the Secretary, through the installation  
11 of—

12 (I) low- or zero-carbon process heat  
13 systems;

14 (II) carbon capture, transport, utiliza-  
15 tion, and storage systems;

16 (III) technology relating to energy ef-  
17 ficiency and reduction in waste from indus-  
18 trial processes; or

19 (IV) any other industrial technology  
20 that significantly reduces greenhouse gas  
21 emissions, as determined by the Secretary;

22 (B) has a reasonable expectation of com-  
23 mercial viability, as determined by the Sec-  
24 retary; and

25 (C) is located in a covered census tract.

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1 (b) ESTABLISHMENT.—Not later than 180 days after  
2 the date of enactment of this Act, the Secretary shall es-  
3 tablish a program to award grants to eligible entities to  
4 carry out qualifying advanced energy projects.

5 (c) APPLICATIONS.—

6 (1) IN GENERAL.—Each eligible entity seeking  
7 a grant under the Program shall submit to the Sec-  
8 retary an application at such time, in such manner,  
9 and containing such information as the Secretary  
10 may require, including a description of the proposed  
11 qualifying advanced energy project to be carried out  
12 using the grant.

13 (2) SELECTION CRITERIA.—

14 (A) PROJECTS.—In selecting eligible enti-  
15 ties to receive grants under the Program, the  
16 Secretary shall, with respect to the qualifying  
17 advanced energy projects proposed by the eligi-  
18 ble entities, give higher priority to projects  
19 that—

20 (i) will provide higher net impact in  
21 avoiding or reducing anthropogenic emis-  
22 sions of greenhouse gases;

23 (ii) will result in a higher level of do-  
24 mestic job creation (both direct and indi-  
25 rect) during the lifetime of the project;

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1 (iii) will result in a higher level of job  
2 creation in the vicinity of the project, par-  
3 ticularly with respect to—

4 (I) low-income communities (as  
5 described in section 45D(e) of the In-  
6 ternal Revenue Code of 1986); and

7 (II) dislocated workers who were  
8 previously employed in manufacturing,  
9 coal power plants, or coal mining;

10 (iv) have higher potential for techno-  
11 logical innovation and commercial deploy-  
12 ment;

13 (v) have a lower levelized cost of—

14 (I) generated or stored energy; or

15 (II) measured reduction in en-  
16 ergy consumption or greenhouse gas  
17 emission (based on costs of the full  
18 supply chain); and

19 (vi) have a shorter project time.

20 (B) ELIGIBLE ENTITIES.—In selecting eli-  
21 gible entities to receive grants under the Pro-  
22 gram, the Secretary shall give priority to eligi-  
23 ble entities that are minority-owned.

24 (d) PROJECT COMPLETION AND LOCATION; RETURN  
25 OF UNOBLIGATED FUNDS.—



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1           (1) COMPLETION; RETURN OF UNOBLIGATED  
2 FUNDS.—An eligible entity that receives a grant  
3 under the Program shall be required—

4           (A) to complete the qualifying advanced  
5 energy project funded by the grant not later  
6 than 3 years after the date of receipt of the  
7 grant funds; and

8           (B) to return to the Secretary any grant  
9 funds that remain unobligated at the end of  
10 that 3-year period.

11          (2) LOCATION.—If the Secretary determines  
12 that an eligible entity awarded a grant under the  
13 Program has carried out the applicable qualifying  
14 advanced energy project at a location that is materi-  
15 ally different from the location specified in the appli-  
16 cation for the grant, the eligible entity shall be re-  
17 quired to return the grant funds to the Secretary.

18          (e) TECHNICAL ASSISTANCE.—

19           (1) IN GENERAL.—Not later than 180 days  
20 after the date of enactment of this Act, the Sec-  
21 retary shall provide technical assistance on a selec-  
22 tive basis to eligible entities that are seeking a grant  
23 under the Program to enhance the impact of the  
24 qualifying advanced energy project to be carried out

1602

1 using the grant with respect to the selection criteria  
2 described in subsection (c)(2)(A).

3 (2) APPLICATIONS.—An eligible entity desiring  
4 technical assistance under paragraph (1) shall sub-  
5 mit to the Secretary an application at such time, in  
6 such manner, and containing such information as  
7 the Secretary may require.

8 (3) FACTORS FOR CONSIDERATION.—In select-  
9 ing eligible entities for technical assistance under  
10 paragraph (1), the Secretary shall give higher pri-  
11 ority to eligible entities that propose a qualifying ad-  
12 vanced energy project that has greater potential for  
13 enhancement of the impact of the project with re-  
14 spect to the selection criteria described in subsection  
15 (c)(2)(A).

16 (f) PUBLICATION OF GRANTS.—The Secretary shall  
17 make publicly available the identity of each eligible entity  
18 awarded a grant under the Program and the amount of  
19 the grant.

20 (g) REPORT.—Not later than 4 years after the date  
21 of enactment this Act, the Secretary shall—

22 (1) review the grants awarded under the Pro-  
23 gram; and

24 (2) submit to the Committee on Energy and  
25 Natural Resources of the Senate and the Committee

1603

1 on Energy and Commerce of the House of Rep-  
2 resentatives a report describing those grants.

3 (h) AUTHORIZATION OF APPROPRIATIONS.—There is  
4 authorized to be appropriated to the Secretary to carry  
5 out the Program \$750,000,000 for the period of fiscal  
6 years 2022 through 2026.

7 **SEC. 30210. CRITICAL MINERALS MINING AND RECYCLING**  
8 **RESEARCH.**

9 (a) DEFINITIONS.—In this section:

10 (1) CRITICAL MINERAL.—The term “critical  
11 mineral” has the meaning given the term in section  
12 7002(a) of the Energy Act of 2020 (30 U.S.C.  
13 1606(a)).

14 (2) CRITICAL MINERALS AND METALS.—The  
15 term “critical minerals and metals” includes any  
16 host mineral of a critical mineral.

17 (3) DIRECTOR.—The term “Director” means  
18 the Director of the Foundation.

19 (4) END-TO-END.—The term “end-to-end”,  
20 with respect to the integration of mining or life cycle  
21 of minerals, means the integrated approach of, or  
22 the lifecycle determined by, examining the research  
23 and developmental process from the mining of the  
24 raw minerals to its processing into useful materials,  
25 its integration into components and devices, the uti-

1604

1 lization of such devices in the end-use application to  
2 satisfy certain performance metrics, and the recy-  
3 cing or disposal of such devices.

4 (5) FOREIGN ENTITY OF CONCERN.—The term  
5 “foreign entity of concern” means a foreign entity  
6 that is—

7 (A) designated as a foreign terrorist orga-  
8 nization by the Secretary of State under section  
9 219(a) of the Immigration and Nationality Act  
10 (8 U.S.C. 1189(a));

11 (B) included on the list of specially des-  
12 ignated nationals and blocked persons main-  
13 tained by the Office of Foreign Assets Control  
14 of the Department of the Treasury (commonly  
15 known as the SDN list);

16 (C) owned by, controlled by, or subject to  
17 the jurisdiction or direction of a government of  
18 a foreign country that is a covered nation (as  
19 defined in section 2533c(d) of title 10, United  
20 States Code);

21 (D) alleged by the Attorney General to  
22 have been involved in activities for which a con-  
23 viction was obtained under—

1605

1 (i) chapter 37 of title 18, United  
2 States Code (commonly known as the “Es-  
3 pionage Act”);

4 (ii) section 951 or 1030 of title 18,  
5 United States Code;

6 (iii) chapter 90 of title 18, United  
7 States Code (commonly known as the  
8 “Economic Espionage Act of 1996”);

9 (iv) the Arms Export Control Act (22  
10 U.S.C. 2751 et seq.);

11 (v) section 224, 225, 226, 227, or 236  
12 of the Atomic Energy Act of 1954 (42  
13 U.S.C. 2274, 2275, 2276, 2277, and  
14 2284);

15 (vi) the Export Control Reform Act of  
16 2018 (50 U.S.C. 4801 et seq.); or

17 (vii) the International Emergency  
18 Economic Powers Act (50 U.S.C. 1701 et  
19 seq.); or

20 (E) determined by the Secretary of Com-  
21 merce, in consultation with the Secretary of De-  
22 fense and the Director of National Intelligence,  
23 to be engaged in unauthorized conduct that is  
24 detrimental to the national security or foreign  
25 policy of the United States.

1606

1           (6) FOUNDATION.—The term “Foundation”  
2 means the National Science Foundation.

3           (7) INSTITUTION OF HIGHER EDUCATION.—The  
4 term “institution of higher education” has the  
5 meaning given the term in section 101 of the Higher  
6 Education Act of 1965 (20 U.S.C. 1001).

7           (8) NATIONAL LABORATORY.—The term “Na-  
8 tional Laboratory” has the meaning given the term  
9 in section 2 of the Energy Policy Act of 2005 (42  
10 U.S.C. 15801).

11           (9) RECYCLING.—The term “recycling” means  
12 the process of collecting and processing spent mate-  
13 rials and devices and turning the materials and de-  
14 vices into raw materials or components that can be  
15 reused either partially or completely.

16           (10) SECONDARY RECOVERY.—The term “sec-  
17 ondary recovery” means the recovery of critical min-  
18 erals and metals from discarded end-use products or  
19 from waste products produced during the metal re-  
20 fining and manufacturing process, including from  
21 mine waste piles, acid mine drainage sludge, or by-  
22 products produced through legacy mining and metal-  
23 lurgy activities.

24           (b) CRITICAL MINERALS MINING AND RECYCLING  
25 RESEARCH AND DEVELOPMENT.—

1607

1           (1) IN GENERAL.—In order to support supply  
2 chain resiliency, the Secretary, in coordination with  
3 the Director, shall issue awards, on a competitive  
4 basis, to eligible entities described in paragraph (2)  
5 to support basic research that will accelerate innova-  
6 tion to advance critical minerals mining, recycling,  
7 and reclamation strategies and technologies for the  
8 purposes of—

9                   (A) making better use of domestic re-  
10 sources; and

11                   (B) eliminating national reliance on min-  
12 erals and mineral materials that are subject to  
13 supply disruptions.

14           (2) ELIGIBLE ENTITIES.—Entities eligible to  
15 receive an award under paragraph (1) are the fol-  
16 lowing:

17                   (A) Institutions of higher education.

18                   (B) National Laboratories.

19                   (C) Nonprofit organizations.

20                   (D) Consortia of entities described in sub-  
21 paragraphs (A) through (C), including consortia  
22 that collaborate with private industry.

23           (3) USE OF FUNDS.—Activities funded by an  
24 award under this section may include—

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1 (A) advancing mining research and devel-  
2 opment activities to develop new mapping and  
3 mining technologies and techniques, including  
4 advanced critical mineral extraction and pro-  
5 duction—

6 (i) to improve existing, or to develop  
7 new, supply chains of critical minerals; and

8 (ii) to yield more efficient, economical,  
9 and environmentally benign mining prac-  
10 tices;

11 (B) advancing critical mineral processing  
12 research activities to improve separation,  
13 alloying, manufacturing, or recycling techniques  
14 and technologies that can decrease the energy  
15 intensity, waste, potential environmental im-  
16 pact, and costs of those activities;

17 (C) advancing research and development of  
18 critical minerals mining and recycling tech-  
19 nologies that take into account the potential  
20 end-uses and disposal of critical minerals, in  
21 order to improve end-to-end integration of min-  
22 ing and technological applications;

23 (D) conducting long-term earth observa-  
24 tion of reclaimed mine sites, including the study



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1 of the evolution of microbial diversity at those  
2 sites;

3 (E) examining the application of artificial  
4 intelligence for geological exploration of critical  
5 minerals, including what size and diversity of  
6 data sets would be required;

7 (F) examining the application of machine  
8 learning for detection and sorting of critical  
9 minerals, including what size and diversity of  
10 data sets would be required;

11 (G) conducting detailed isotope studies of  
12 critical minerals and the development of more  
13 refined geologic models; or

14 (H) providing training and research oppor-  
15 tunities to undergraduate and graduate stu-  
16 dents to prepare the next generation of mining  
17 engineers and researchers.

18 (c) CRITICAL MINERALS INTERAGENCY SUB-  
19 COMMITTEE.—

20 (1) IN GENERAL.—In order to support supply  
21 chain resiliency, the Critical Minerals Subcommittee  
22 of the National Science and Technology Council (re-  
23 ferred to in this subsection as the “Subcommittee”)  
24 shall coordinate Federal science and technology ef-

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1       forts to ensure secure and reliable supplies of critical  
2       minerals to the United States.

3               (2) PURPOSES.—The purposes of the Sub-  
4       committee shall be—

5                       (A) to advise and assist the National  
6       Science and Technology Council, including the  
7       Committee on Homeland and National Security  
8       of the National Science and Technology Coun-  
9       cil, on United States policies, procedures, and  
10      plans relating to critical minerals, including—

11                               (i) Federal research, development, and  
12                               deployment efforts to optimize methods for  
13                               extractions, concentration, separation, and  
14                               purification of conventional, secondary,  
15                               and unconventional sources of critical min-  
16                               erals, including research that prioritizes  
17                               end-to-end integration of mining and recy-  
18                               cling techniques and the end-use target for  
19                               critical minerals;

20                               (ii) efficient use and reuse of critical  
21                               minerals, including recycling technologies  
22                               for critical minerals and the reclamation of  
23                               critical minerals from components, such as  
24                               spent batteries;

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1 (iii) addressing the technology transi-  
2 tions between research or lab-scale mining  
3 and recycling and commercialization of  
4 these technologies;

5 (iv) the critical minerals workforce of  
6 the United States; and

7 (v) United States private industry in-  
8 vestments in innovation and technology  
9 transfer from federally funded science and  
10 technology;

11 (B) to identify emerging opportunities,  
12 stimulate international cooperation, and foster  
13 the development of secure and reliable supply  
14 chains of critical minerals, including activities  
15 relating to the reuse of critical minerals via re-  
16 cycling;

17 (C) to ensure the transparency of informa-  
18 tion and data related to critical minerals; and

19 (D) to provide recommendations on coordi-  
20 nation and collaboration among the research,  
21 development, and deployment programs and ac-  
22 tivities of Federal agencies to promote a secure  
23 and reliable supply of critical minerals nec-  
24 essary to maintain national security, economic  
25 well-being, and industrial production.

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1           (3) RESPONSIBILITIES.—In carrying out para-  
2           graphs (1) and (2), the Subcommittee may, taking  
3           into account the findings and recommendations of  
4           relevant advisory committees—

5                   (A) provide recommendations on how Fed-  
6                   eral agencies may improve the topographic, geo-  
7                   logic, and geophysical mapping of the United  
8                   States and improve the discoverability, accessi-  
9                   bility, and usability of the resulting and existing  
10                  data, to the extent permitted by law and subject  
11                  to appropriate limitation for purposes of privacy  
12                  and security;

13                  (B) assess the progress toward developing  
14                  critical minerals recycling and reprocessing  
15                  technologies;

16                  (C) assess the end-to-end lifecycle of crit-  
17                  ical minerals, including for mining, usage, recy-  
18                  cling, and end-use material and technology re-  
19                  quirements;

20                  (D) examine, and provide recommenda-  
21                  tions for, options for accessing and developing  
22                  critical minerals through investment and trade  
23                  with allies and partners of the United States;

24                  (E) evaluate and provide recommendations  
25                  to incentivize the development and use of ad-

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1 vances in science and technology in the private  
2 industry;

3 (F) assess the need for, and make rec-  
4 ommendations to address, the challenges the  
5 United States critical minerals supply chain  
6 workforce faces, including—

7 (i) aging and retiring personnel and  
8 faculty;

9 (ii) public perceptions about the na-  
10 ture of mining and mineral processing; and

11 (iii) foreign competition for United  
12 States talent;

13 (G) develop, and update as necessary, a  
14 strategic plan to guide Federal programs and  
15 activities to enhance—

16 (i) scientific and technical capabilities  
17 across critical mineral supply chains, in-  
18 cluding a roadmap that identifies key re-  
19 search and development needs and coordi-  
20 nates ongoing activities for source diver-  
21 sification, more efficient use, recycling, and  
22 substitution for critical minerals; and

23 (ii) cross-cutting mining science, data  
24 science techniques, materials science, man-  
25 ufacturing science and engineering, com-

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1           putational modeling, and environmental  
2           health and safety research and develop-  
3           ment; and

4           (H) report to the appropriate committees  
5           of Congress on activities and findings under  
6           this subsection.

7           (4) MANDATORY RESPONSIBILITIES.—In car-  
8           rying out paragraphs (1) and (2), the Subcommittee  
9           shall, taking into account the findings and rec-  
10          ommendations of relevant advisory committees, iden-  
11          tify and evaluate Federal policies and regulations  
12          that restrict the mining of critical minerals.

13          (d) GRANT PROGRAM FOR PROCESSING OF CRITICAL  
14          MINERALS AND DEVELOPMENT OF CRITICAL MINERALS  
15          AND METALS.—

16               (1) ESTABLISHMENT.—The Secretary, in con-  
17               sultation with the Director, the Secretary of the In-  
18               terior, and the Secretary of Commerce, shall estab-  
19               lish a grant program to finance pilot projects for—

20                       (A) the processing or recycling of critical  
21                       minerals in the United States; or

22                       (B) the development of critical minerals  
23                       and metals in the United States

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1           (2) LIMITATION ON GRANT AWARDS.—A grant  
2 awarded under paragraph (1) may not exceed  
3 \$10,000,000.

4           (3) ECONOMIC VIABILITY.—In awarding grants  
5 under paragraph (1), the Secretary shall give pri-  
6 ority to projects that the Secretary determines are  
7 likely to be economically viable over the long term.

8           (4) SECONDARY RECOVERY.—In awarding  
9 grants under paragraph (1), the Secretary shall seek  
10 to award not less than 30 percent of the total  
11 amount of grants awarded during the fiscal year for  
12 projects relating to secondary recovery of critical  
13 minerals and metals.

14           (5) DOMESTIC PRIORITY.—In awarding grants  
15 for the development of critical minerals and metals  
16 under paragraph (1)(B), the Secretary shall  
17 prioritize pilot projects that will process the critical  
18 minerals and metals domestically.

19           (6) PROHIBITION ON PROCESSING BY FOREIGN  
20 ENTITY OF CONCERN.—In awarding grants under  
21 paragraph (1), the Secretary shall ensure that pilot  
22 projects do not export for processing any critical  
23 minerals and metals to a foreign entity of concern.

24           (7) AUTHORIZATION OF APPROPRIATIONS.—  
25 There is authorized to be appropriated to the Sec-

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1       retary to carry out the grant program established  
2       under paragraph (1) \$100,000,000 for each of fiscal  
3       years 2021 through 2024.

4   **SEC. 30211. 21ST CENTURY ENERGY WORKFORCE ADVISORY**  
5                   **BOARD.**

6       (a) ESTABLISHMENT.—The Secretary shall establish  
7   a board, to be known as the “21st Century Energy Work-  
8   force Advisory Board”, to develop a strategy for the De-  
9   partment that, with respect to the role of the Department  
10  in the support and development of a skilled energy work-  
11  force—

12           (1) meets the current and future industry and  
13   labor needs of the energy sector;

14           (2) provides opportunities for students to be-  
15   come qualified for placement in traditional energy  
16   sector and emerging energy sector jobs;

17           (3) identifies areas in which the Department  
18   can effectively utilize the technical expertise of the  
19   Department to support the workforce activities of  
20   other Federal agencies;

21           (4) strengthens and engages the workforce  
22   training programs of the Department and the Na-  
23   tional Laboratories in carrying out the Equity in  
24   Energy Initiative of the Department and other De-  
25   partment workforce priorities;



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1 (5) develops plans to support and retrain dis-  
2 placed and unemployed energy sector workers; and

3 (6) prioritizes education and job training for  
4 underrepresented groups, including racial and ethnic  
5 minorities, Indian Tribes, women, veterans, and  
6 socioeconomically disadvantaged individuals.

7 (b) MEMBERSHIP.—

8 (1) IN GENERAL.—The Board shall be com-  
9 posed of not fewer than 10 and not more than 15  
10 members, with the initial members of the Board to  
11 be appointed by the Secretary not later than 1 year  
12 after the date of enactment of this Act.

13 (2) REQUIREMENT.—The Board shall include  
14 not fewer than 1 representative of a labor organiza-  
15 tion with significant energy experience who has been  
16 nominated by a national labor federation.

17 (3) QUALIFICATIONS.—Each individual ap-  
18 pointed to the Board under paragraph (1) shall have  
19 expertise in—

20 (A) the field of economics or workforce de-  
21 velopment;

22 (B) relevant traditional energy industries  
23 or emerging energy industries, including energy  
24 efficiency;

25 (C) secondary or postsecondary education;

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1 (D) energy workforce development or ap-  
2 prenticeship programs of States or units of  
3 local government;

4 (E) relevant organized labor organizations;  
5 or

6 (F) bringing underrepresented groups, in-  
7 cluding racial and ethnic minorities, women,  
8 veterans, and socioeconomically disadvantaged  
9 individuals, into the workforce.

10 (c) ADVISORY BOARD REVIEW AND RECOMMENDA-  
11 TIONS.—

12 (1) DETERMINATION BY BOARD.—In developing  
13 the strategy required under subsection (a), the  
14 Board shall—

15 (A) determine whether there are opportuni-  
16 ties to more effectively and efficiently use the  
17 capabilities of the Department in the develop-  
18 ment of a skilled energy workforce;

19 (B) identify ways in which the Department  
20 could work with other relevant Federal agen-  
21 cies, States, units of local government, institu-  
22 tions of higher education, labor organizations,  
23 Indian Tribes and tribal organizations, and in-  
24 dustry in the development of a skilled energy  
25 workforce, subject to applicable law;

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1 (C) identify ways in which the Department  
2 and National Laboratories can—

3 (i) increase outreach to minority-serv-  
4 ing institutions; and

5 (ii) make resources available to in-  
6 crease the number of skilled minorities and  
7 women trained to go into the energy and  
8 energy-related manufacturing sectors;

9 (iii) increase outreach to displaced  
10 and unemployed energy sector workers;  
11 and

12 (iv) make resources available to pro-  
13 vide training to displaced and unemployed  
14 energy sector workers to reenter the en-  
15 ergy workforce; and

16 (D)(i) identify the energy sectors in great-  
17 est need of workforce training; and

18 (ii) in consultation with the Secretary of  
19 Labor, develop recommendations for the skills  
20 necessary to develop a workforce trained to  
21 work in those energy sectors.

22 (2) REQUIRED ANALYSIS.—In developing the  
23 strategy required under subsection (a), the Board  
24 shall analyze the effectiveness of—

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1 (A) existing Department-directed support;

2 and

3 (B) existing energy workforce training pro-

4 grams.

5 (3) REPORT.—

6 (A) IN GENERAL.—Not later than 1 year  
7 after the date on which the Board is established  
8 under this section, and biennially thereafter  
9 until the date on which the Board is terminated  
10 under subsection (f), the Board shall submit to  
11 the Secretary a report containing, with respect  
12 to the strategy required under subsection (a)—

13 (i) the findings of the Board; and

14 (ii) the proposed energy workforce  
15 strategy of the Board.

16 (B) RESPONSE OF THE SECRETARY.—Not  
17 later than 90 days after the date on which a re-  
18 port is submitted to the Secretary under sub-  
19 paragraph (A), the Secretary shall—

20 (i) submit to the Board a response to  
21 the report that—

22 (I) describes whether the Sec-  
23 retary approves or disapproves of each  
24 recommendation of the Board under  
25 subparagraph (A); and

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1 (II) if the Secretary approves of  
2 a recommendation, provides an imple-  
3 mentation plan for the recommenda-  
4 tion; and

5 (ii) submit to Congress—

6 (I) the report of the Board under  
7 subparagraph (A); and

8 (II) the response of the Secretary  
9 under clause (i).

10 (C) PUBLIC AVAILABILITY OF REPORT.—

11 (i) IN GENERAL.—The Board shall  
12 make each report under subparagraph (A)  
13 available to the public on the earlier of—

14 (I) the date on which the Board  
15 receives the response of the Secretary  
16 under subparagraph (B)(i); and

17 (II) the date that is 90 days  
18 after the date on which the Board  
19 submitted the report to the Secretary.

20 (ii) REQUIREMENT.—If the Board has  
21 received a response to a report from the  
22 Secretary under subparagraph (B)(i), the  
23 Board shall make that response publicly  
24 available with the applicable report.

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1 (d) REPORT BY THE SECRETARY.—Not later than  
2 180 days before the date of expiration of a term of the  
3 Board under subsection (f), the Secretary shall submit to  
4 the Committees on Energy and Natural Resources and  
5 Appropriations of the Senate and the Committees on En-  
6 ergy and Commerce and Appropriations of the House of  
7 Representatives a report that—

8 (1) describes the effectiveness and accomplish-  
9 ments of the Board during the applicable term;

10 (2) contains a determination of the Secretary as  
11 to whether the Board should be renewed; and

12 (3) if the Secretary determines that the Board  
13 should be renewed, any recommendations as to  
14 whether and how the scope and functions of the  
15 Board should be modified.

16 (e) OUTREACH TO MINORITY-SERVING INSTITU-  
17 TIONS, VETERANS, AND DISPLACED AND UNEMPLOYED  
18 ENERGY WORKERS.—In developing the strategy under  
19 subsection (a), the Board shall—

20 (1) give special consideration to increasing out-  
21 reach to minority-serving institutions, veterans, and  
22 displaced and unemployed energy workers;

23 (2) make resources available to—

24 (A) minority-serving institutions, with the  
25 objective of increasing the number of skilled mi-

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1           norities and women trained to go into the en-  
2           ergy and manufacturing sectors;

3           (B) institutions that serve veterans, with  
4           the objective of increasing the number veterans  
5           in the energy industry by ensuring that vet-  
6           erans have the credentials and training nec-  
7           essary to secure careers in the energy industry;  
8           and

9           (C) institutions that serve displaced and  
10          unemployed energy workers to increase the  
11          number of individuals trained for jobs in the  
12          energy industry;

13          (3) encourage the energy industry to improve  
14          the opportunities for students of minority-serving in-  
15          stitutions, veterans, and displaced and unemployed  
16          energy workers to participate in internships,  
17          preapprenticeships, apprenticeships, and cooperative  
18          work-study programs in the energy industry; and

19          (4) work with the National Laboratories to in-  
20          crease the participation of underrepresented groups,  
21          veterans, and displaced and unemployed energy  
22          workers in internships, fellowships, training pro-  
23          grams, and employment at the National Labora-  
24          tories.

25          (f) TERM.—

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1 (1) IN GENERAL.—Subject to paragraph (2),  
2 the Board shall terminate on September 30, 2026.

3 (2) EXTENSIONS.—The Secretary may renew  
4 the Board for 1 or more 5-year periods by submit-  
5 ting, not later than the date described in subsection  
6 (d), a report described in that subsection that con-  
7 tains a determination by the Secretary that the  
8 Board should be renewed.

9 **TITLE III—FUELS AND TECH-**  
10 **NOLOGY INFRASTRUCTURE**  
11 **INVESTMENTS**

12 **Subtitle A—Carbon Capture, Utili-**  
13 **zation, Storage, and Transpor-**  
14 **tation Infrastructure**

15 **SEC. 30301. FINDINGS.**

16 Congress finds that—

17 (1) the industrial sector is integral to the econ-  
18 omy of the United States—

19 (A) providing millions of jobs and essential  
20 products; and

21 (B) demonstrating global leadership in  
22 manufacturing and innovation;

23 (2) carbon capture and storage technologies are  
24 necessary for reducing hard-to-abate emissions from



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1 the industrial sector, which emits nearly 25 percent  
2 of carbon dioxide emissions in the United States;

3 (3) carbon removal and storage technologies, in-  
4 cluding direct air capture, must be deployed at  
5 large-scale in the coming decades to remove carbon  
6 dioxide directly from the atmosphere;

7 (4) large-scale deployment of carbon capture,  
8 removal, utilization, transport, and storage—

9 (A) is critical for achieving mid-century cli-  
10 mate goals; and

11 (B) will drive regional economic develop-  
12 ment, technological innovation, and high-wage  
13 employment;

14 (5) carbon capture, removal, and utilization  
15 technologies require a backbone system of shared  
16 carbon dioxide transport and storage infrastructure  
17 to enable large-scale deployment, realize economies  
18 of scale, and create an interconnected carbon man-  
19 agement market;

20 (6) carbon dioxide transport infrastructure and  
21 permanent geological storage are proven and safe  
22 technologies with existing Federal and State regu-  
23 latory frameworks;

24 (7) carbon dioxide transport and storage infra-  
25 structure share similar barriers to deployment pre-

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1 viously faced by other types of critical national infra-  
2 structure, such as high capital costs and chicken-  
3 and-egg challenges, that require Federal and State  
4 support, in combination with private investment, to  
5 be overcome; and

6 (8) each State should take into consideration,  
7 with respect to new carbon dioxide transportation in-  
8 frastructure—

9 (A) qualifying the infrastructure as pollu-  
10 tion control devices under applicable laws (in-  
11 cluding regulations) of the State; and

12 (B) establishing a waiver of ad valorem  
13 and property taxes for the infrastructure for a  
14 period of not less than 10 years.

15 **SEC. 30302. CARBON UTILIZATION PROGRAM.**

16 Section 969A of the Energy Policy Act of 2005 (42  
17 U.S.C. 16298a) is amended—

18 (1) in subsection (a)—

19 (A) by redesignating paragraphs (3) and  
20 (4) as paragraphs (4) and (5), respectively; and

21 (B) by inserting after paragraph (2) the  
22 following:

23 “(3) to develop or obtain, in coordination with  
24 other applicable Federal agencies and standard-set-  
25 ting organizations, standards and certifications, as

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1 appropriate, to facilitate the commercialization of  
2 the products and technologies described in para-  
3 graph (2);”;

4 (2) in subsection (b)—

5 (A) by redesignating paragraph (2) as  
6 paragraph (3);

7 (B) by inserting after paragraph (1) the  
8 following:

9 “(2) GRANT PROGRAM.—

10 “(A) IN GENERAL.—Not later than 1 year  
11 after the date of enactment of the Infrastruc-  
12 ture Investment and Jobs Act, the Secretary  
13 shall establish a program to provide grants to  
14 eligible entities to use in accordance with sub-  
15 paragraph (D).

16 “(B) ELIGIBLE ENTITIES.—To be eligible  
17 to receive a grant under this paragraph, an en-  
18 tity shall be—

19 “(i) a State;

20 “(ii) a unit of local government; or

21 “(iii) a public utility or agency.

22 “(C) APPLICATIONS.—Eligible entities de-  
23 siring a grant under this paragraph shall sub-  
24 mit to the Secretary an application at such  
25 time, in such manner, and containing such in-

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1 formation as the Secretary determines to be ap-  
2 propriate.

3 “(D) USE OF FUNDS.—An eligible entity  
4 shall use a grant received under this paragraph  
5 to procure and use commercial or industrial  
6 products that—

7 “(i) use or are derived from anthropo-  
8 genic carbon oxides; and

9 “(ii) demonstrate significant net re-  
10 ductions in lifecycle greenhouse gas emis-  
11 sions compared to incumbent technologies,  
12 processes, and products.”; and

13 (C) in paragraph (3) (as so redesignated),  
14 by striking “paragraph (1)” and inserting “this  
15 subsection”; and

16 (3) by striking subsection (d) and inserting the  
17 following:

18 “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
19 are authorized to be appropriated to the Secretary to carry  
20 out this section—

21 “(1) \$41,000,000 for fiscal year 2022;

22 “(2) \$65,250,000 for fiscal year 2023;

23 “(3) \$66,562,500 for fiscal year 2024;

24 “(4) \$67,940,625 for fiscal year 2025; and

25 “(5) \$69,387,656 for fiscal year 2026.”.

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1 **SEC. 30303. CARBON CAPTURE TECHNOLOGY PROGRAM.**

2 Section 962 of the Energy Policy Act of 2005 (42  
3 U.S.C. 16292) is amended—

4 (1) in subsection (b)(2)—

5 (A) in subparagraph (C), by striking  
6 “and” at the end;

7 (B) in subparagraph (D), by striking “pro-  
8 gram.” and inserting “program for carbon cap-  
9 ture technologies; and”; and

10 (C) by adding at the end the following:

11 “(E) a front-end engineering and design  
12 program for carbon dioxide transport infra-  
13 structure necessary to enable deployment of  
14 carbon capture, utilization, and storage tech-  
15 nologies.”; and

16 (2) in subsection (d)(1)—

17 (A) in subparagraph (C), by striking  
18 “and” at the end;

19 (B) in subparagraph (D), by striking the  
20 period at the end and inserting “; and”; and

21 (C) by adding at the end the following:

22 “(E) for activities under the front-end en-  
23 gineering and design program described in sub-  
24 section (b)(2)(E), \$100,000,000 for the period  
25 of fiscal years 2022 through 2026.”.

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1 **SEC. 30304. CARBON DIOXIDE TRANSPORTATION INFRA-**  
2 **STRUCTURE FINANCE AND INNOVATION.**

3 (a) IN GENERAL.—Title IX of the Energy Policy Act  
4 of 2005 (42 U.S.C. 16181 et seq.) is amended by adding  
5 at the end the following:

6 **“Subtitle J—Carbon Dioxide Trans-**  
7 **portation Infrastructure Fi-**  
8 **nance and Innovation**

9 **“SEC. 999A. DEFINITIONS.**

10 “In this subtitle:

11 “(1) CIFIA PROGRAM.—The term ‘CIFIA pro-  
12 gram’ means the carbon dioxide transportation in-  
13 frastructure finance and innovation program estab-  
14 lished under section 999B(a).

15 “(2) COMMON CARRIER.—The term ‘common  
16 carrier’ means a transportation infrastructure oper-  
17 ator or owner that—

18 “(A) publishes a publicly available tariff  
19 containing the just and reasonable rates, terms,  
20 and conditions of nondiscriminatory service;  
21 and

22 “(B) holds itself out to provide transpor-  
23 tation services to the public for a fee.

24 “(3) CONTINGENT COMMITMENT.—The term  
25 ‘contingent commitment’ means a commitment to

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1 obligate funds from future available budget author-  
2 ity that is—

3 “(A) contingent on those funds being made  
4 available in law at a future date; and

5 “(B) not an obligation of the Federal Gov-  
6 ernment.

7 “(4) ELIGIBLE PROJECT COSTS.—The term ‘eli-  
8 gible project costs’ means amounts substantially all  
9 of which are paid by, or for the account of, an obli-  
10 gor in connection with a project, including—

11 “(A) the cost of—

12 “(i) development-phase activities, in-  
13 cluding planning, feasibility analysis, rev-  
14 enue forecasting, environmental review,  
15 permitting, preliminary engineering and  
16 design work, and other preconstruction ac-  
17 tivities;

18 “(ii) construction, reconstruction, re-  
19 habilitation, replacement, and acquisition  
20 of real property (including land relating to  
21 the project and improvements to land), en-  
22 vironmental mitigation, construction con-  
23 tingencies, and acquisition and installation  
24 of equipment (including labor); and

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1           “(iii) capitalized interest necessary to  
2           meet market requirements, reasonably re-  
3           quired reserve funds, capital issuance ex-  
4           penses, and other carrying costs during  
5           construction; and

6           “(B) transaction costs associated with fi-  
7           nancing the project, including—

8                   “(i) the cost of legal counsel and tech-  
9                   nical consultants; and

10                   “(ii) any subsidy amount paid in ac-  
11                   cordance with section 999B(c)(3)(B)(ii) or  
12                   section 999C(b)(6)(B)(ii).

13           “(5) FEDERAL CREDIT INSTRUMENT.—The  
14           term ‘Federal credit instrument’ means a secured  
15           loan or loan guarantee authorized to be provided  
16           under the CIFIA program with respect to a project.

17           “(6) LENDER.—The term ‘lender’ means a  
18           qualified institutional buyer (as defined in section  
19           230.144A(a) of title 17, Code of Federal Regula-  
20           tions (or a successor regulation), commonly known  
21           as Rule 144A(a) of the Securities and Exchange  
22           Commission and issued under the Securities Act of  
23           1933 (15 U.S.C. 77a et seq.)), that is not a Federal  
24           qualified institutional buyer.



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1           “(7) LETTER OF INTEREST.—The term ‘letter  
2 of interest’ means a letter submitted by a potential  
3 applicant prior to an application for credit assistance  
4 in a format prescribed by the Secretary on the  
5 website of the CIFIA program that—

6           “(A) describes the project and the location,  
7 purpose, and cost of the project;

8           “(B) outlines the proposed financial plan,  
9 including the requested credit and grant assist-  
10 ance and the proposed obligor;

11           “(C) provides a status of environmental re-  
12 view; and

13           “(D) provides information regarding satis-  
14 faction of other eligibility requirements of the  
15 CIFIA program.

16           “(8) LOAN GUARANTEE.—The term ‘loan guar-  
17 antee’ means any guarantee or other pledge by the  
18 Secretary to pay all or part of the principal of, and  
19 interest on, a loan made to an obligor, or debt obli-  
20 gation issued by an obligor, in each case funded by  
21 a lender.

22           “(9) MASTER CREDIT AGREEMENT.—The term  
23 ‘master credit agreement’ means a conditional agree-  
24 ment that—

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1           “(A) is for the purpose of extending credit  
2 assistance for—

3           “(i) a project of high priority under  
4 section 999B(c)(3)(A); or

5           “(ii) a project covered under section  
6 999B(c)(3)(B);

7           “(B) does not provide for a current obliga-  
8 tion of Federal funds; and

9           “(C) would—

10           “(i) make a contingent commitment of  
11 a Federal credit instrument or grant at a  
12 future date, subject to—

13           “(I) the availability of future  
14 funds being made available to carry  
15 out the CIFIA program; and

16           “(II) the satisfaction of all condi-  
17 tions for the provision of credit assist-  
18 ance under the CIFIA program, in-  
19 cluding section 999C(b);

20           “(ii) establish the maximum amounts  
21 and general terms and conditions of the  
22 Federal credit instruments or grants;

23           “(iii) identify the 1 or more revenue  
24 sources that will secure the repayment of  
25 the Federal credit instruments;

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1           “(iv) provide for the obligation of  
2 funds for the Federal credit instruments or  
3 grants after all requirements have been  
4 met for the projects subject to the agree-  
5 ment, including—

6                   “(I) compliance with all applica-  
7 ble requirements specified under the  
8 CIFLA program, including sections  
9 999B(d) and 999C(b)(1); and

10                   “(II) the availability of funds to  
11 carry out the CIFLA program; and

12                   “(v) require that contingent commit-  
13 ments shall result in a financial close and  
14 obligation of credit or grant assistance by  
15 not later than 4 years after the date of  
16 entry into the agreement or release of the  
17 commitment, as applicable, unless other-  
18 wise extended by the Secretary.

19           “(10) OBLIGOR.—The term ‘obligor’ means a  
20 corporation, partnership, joint venture, trust, non-  
21 Federal governmental entity, agency, or instrumen-  
22 tality, or other entity that is liable for payment of  
23 the principal of, or interest on, a Federal credit in-  
24 strument.

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1           “(11) PRODUCED IN THE UNITED STATES.—

2           The term ‘produced in the United States’, with re-  
3           spect to iron and steel, means that all manufac-  
4           turing processes for the iron and steel, including the  
5           application of any coating, occurs within the United  
6           States.

7           “(12) PROJECT.—The term ‘project’ means a  
8           project for common carrier carbon dioxide transpor-  
9           tation infrastructure or associated equipment, in-  
10          cluding pipeline, shipping, rail, or other transpor-  
11          tation infrastructure and associated equipment, that  
12          will transport or handle carbon dioxide captured  
13          from anthropogenic sources or ambient air, as the  
14          Secretary determines to be appropriate.

15          “(13) PROJECT OBLIGATION.—The term  
16          ‘project obligation’ means any note, bond, debenture,  
17          or other debt obligation issued by an obligor in con-  
18          nection with the financing of a project, other than  
19          a Federal credit instrument.

20          “(14) SECURED LOAN.—The term ‘secured  
21          loan’ means a direct loan to an obligor or a debt ob-  
22          ligation issued by an obligor and purchased by the  
23          Secretary, in each case funded by the Secretary in  
24          connection with the financing of a project under sec-  
25          tion 999C.

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1           “(15) SUBSIDY AMOUNT.—The term ‘subsidy  
2           amount’ means the amount of budget authority suf-  
3           ficient to cover the estimated long-term cost to the  
4           Federal Government of a Federal credit instru-  
5           ment—

6                   “(A) calculated on a net present value  
7           basis; and

8                   “(B) excluding administrative costs and  
9           any incidental effects on governmental receipts  
10          or outlays in accordance with the Federal Cred-  
11          it Reform Act of 1990 (2 U.S.C. 661 et seq.).

12          “(16) SUBSTANTIAL COMPLETION.—The term  
13          ‘substantial completion’, with respect to a project,  
14          means the date—

15                   “(A) on which the project commences  
16          transportation of carbon dioxide; or

17                   “(B) of a comparable event to the event  
18          described in subparagraph (A), as determined  
19          by the Secretary and specified in the project  
20          credit agreement.

21   **“SEC. 999B. DETERMINATION OF ELIGIBILITY AND**  
22                   **PROJECT SELECTION.**

23          “(a) ESTABLISHMENT OF PROGRAM.—The Secretary  
24          shall establish and carry out a carbon dioxide transpor-  
25          tation infrastructure finance and innovation program,

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1 under which the Secretary shall provide for eligible  
2 projects in accordance with this subtitle—

3 “(1) a Federal credit instrument under section  
4 999C;

5 “(2) a grant under section 999D; or

6 “(3) both a Federal credit instrument and a  
7 grant.

8 “(b) ELIGIBILITY.—

9 “(1) IN GENERAL.—A project shall be eligible  
10 to receive a Federal credit instrument or a grant  
11 under the CIFIA program if—

12 “(A) the entity proposing to carry out the  
13 project submits a letter of interest prior to sub-  
14 mission of an application under paragraph (3)  
15 for the project; and

16 “(B) the project meets the criteria de-  
17 scribed in this subsection.

18 “(2) CREDITWORTHINESS.—

19 “(A) IN GENERAL.—Each project and obli-  
20 gor that receives a Federal credit instrument or  
21 a grant under the CIFIA program shall be  
22 creditworthy, such that there exists a reason-  
23 able prospect of repayment of the principal and  
24 interest on the Federal credit instrument, as

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1 determined by the Secretary under subpara-  
2 graph (B).

3 “(B) REASONABLE PROSPECT OF REPAY-  
4 MENT.—The Secretary shall base a determina-  
5 tion of whether there is a reasonable prospect  
6 of repayment under subparagraph (A) on a  
7 comprehensive evaluation of whether the obligor  
8 has a reasonable prospect of repaying the Fed-  
9 eral credit instrument for the eligible project,  
10 including evaluation of—

11 “(i) the strength of the contractual  
12 terms of an eligible project (if available for  
13 the applicable market segment);

14 “(ii) the forecast of noncontractual  
15 cash flows supported by market projections  
16 from reputable sources, as determined by  
17 the Secretary, and cash sweeps or other  
18 structural enhancements;

19 “(iii) the projected financial strength  
20 of the obligor—

21 “(I) at the time of loan close;

22 and

23 “(II) throughout the loan term,  
24 including after the project is com-  
25 pleted;

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1 “(iv) the financial strength of the in-  
2 vestors and strategic partners of the obli-  
3 gor, if applicable; and

4 “(v) other financial metrics and anal-  
5 yses that are relied on by the private lend-  
6 ing community and nationally recognized  
7 credit rating agencies, as determined ap-  
8 propriate by the Secretary.

9 “(3) APPLICATIONS.—To be eligible for assist-  
10 ance under the CIFIA program, an obligor shall  
11 submit to the Secretary a project application at such  
12 time, in such manner, and containing such informa-  
13 tion as the Secretary determines to be appropriate.

14 “(4) ELIGIBLE PROJECT COSTS.—A project  
15 under the CIFIA program shall have eligible project  
16 costs that are reasonably anticipated to equal or ex-  
17 ceed \$100,000,000.

18 “(5) REVENUE SOURCES.—The applicable Fed-  
19 eral credit instrument shall be repayable, in whole or  
20 in part, from—

21 “(A) user fees;

22 “(B) payments owing to the obligor under  
23 a public-private partnership; or

24 “(C) other revenue sources that also secure  
25 or fund the project obligations.



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1           “(6) OBLIGOR WILL BE IDENTIFIED LATER.—  
2           A State, local government, agency, or instrumen-  
3           tality of a State or local government, or a public au-  
4           thority, may submit to the Secretary an application  
5           under paragraph (3), under which a private party to  
6           a public-private partnership will be—

7                   “(A) the obligor; and

8                   “(B) identified at a later date through  
9                   completion of a procurement and selection of  
10                  the private party.

11           “(7) BENEFICIAL EFFECTS.—The Secretary  
12           shall determine that financial assistance for each  
13           project under the CIFIA program will—

14                   “(A) attract public or private investment  
15                   for the project; or

16                   “(B) enable the project to proceed at an  
17                   earlier date than the project would otherwise be  
18                   able to proceed or reduce the lifecycle costs (in-  
19                   cluding debt service costs) of the project.

20           “(8) PROJECT READINESS.—To be eligible for  
21           assistance under the CIFIA program, the applicant  
22           shall demonstrate a reasonable expectation that the  
23           contracting process for construction of the project  
24           can commence by not later than 90 days after the  
25           date on which a Federal credit instrument or grant

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1 is obligated for the project under the CIFIA pro-  
2 gram.

3 “(c) SELECTION AMONG ELIGIBLE PROJECTS.—

4 “(1) ESTABLISHMENT OF APPLICATION PROC-  
5 ESS.—The Secretary shall establish an application  
6 process under which projects that are eligible to re-  
7 ceive assistance under subsection (b) may—

8 “(A) receive credit assistance on terms ac-  
9 ceptable to the Secretary, if adequate funds are  
10 available (including any funds provided on be-  
11 half of an eligible project under paragraph  
12 (3)(B)(ii)) to cover the subsidy amount associ-  
13 ated with the Federal credit instrument; and

14 “(B) receive grants under section 999D  
15 if—

16 “(i) adequate funds are available to  
17 cover the amount of the grant; and

18 “(ii) the Secretary determines that  
19 the project is eligible under subsection (b).

20 “(2) PRIORITY.—In selecting projects to receive  
21 credit assistance under subsection (b), the Secretary  
22 shall give priority to projects that—

23 “(A) are large-capacity, common carrier  
24 infrastructure;

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1           “(B) have demonstrated demand for use of  
2 the infrastructure by associated projects that  
3 capture carbon dioxide from anthropogenic  
4 sources or ambient air;

5           “(C) enable geographical diversity in asso-  
6 ciated projects that capture carbon dioxide from  
7 anthropogenic sources or ambient air, with the  
8 goal of enabling projects in all major carbon di-  
9 oxide-emitting regions of the United States; and

10           “(D) are sited within, or adjacent to, exist-  
11 ing pipeline or other linear infrastructure cor-  
12 ridors, in a manner that minimizes environ-  
13 mental disturbance and other siting concerns.

14           “(3) MASTER CREDIT AGREEMENTS.—

15           “(A) PRIORITY PROJECTS.—The Secretary  
16 may enter into a master credit agreement for a  
17 project that the Secretary determines—

18           “(i) will likely be eligible for credit as-  
19 sistance under subsection (b), on obtain-  
20 ing—

21           “(I) additional commitments  
22 from associated carbon capture  
23 projects to use the project; or

24           “(II) all necessary permits and  
25 approvals; and

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1           “(ii) is a project of high priority, as  
2           determined in accordance with the criteria  
3           described in paragraph (2).

4           “(B) ADEQUATE FUNDING NOT AVAIL-  
5           ABLE.—If the Secretary fully obligates funding  
6           to eligible projects for a fiscal year and ade-  
7           quate funding is not available to fund a Federal  
8           credit instrument, a project sponsor (including  
9           a unit of State or local government) of an eligi-  
10          ble project may elect—

11           “(i)(I) to enter into a master credit  
12           agreement in lieu of the Federal credit in-  
13           strument; and

14           “(II) to wait to execute a Federal  
15           credit instrument until the fiscal year for  
16           which additional funds are available to re-  
17           ceive credit assistance; or

18           “(ii) if the lack of adequate funding is  
19           solely with respect to amounts available for  
20           the subsidy amount, to pay the subsidy  
21           amount to fund the Federal credit instru-  
22           ment.

23          “(d) FEDERAL REQUIREMENTS.—

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1           “(1) IN GENERAL.—Nothing in this subtitle su-  
2           persedes the applicability of any other requirement  
3           under Federal law (including regulations).

4           “(2) NEPA.—Federal credit assistance may  
5           only be provided under this subtitle for a project  
6           that has received an environmental categorical exclu-  
7           sion, a finding of no significant impact, or a record  
8           of decision under the National Environmental Policy  
9           Act of 1969 (42 U.S.C. 4321 et seq.).

10          “(e) USE OF AMERICAN IRON, STEEL, AND MANU-  
11          FACTURED GOODS.—

12           “(1) IN GENERAL.—Except as provided in para-  
13           graph (2), no Federal credit instrument or grant  
14           provided under the CIFIA program shall be made  
15           available for a project unless all iron, steel, and  
16           manufactured goods used in the project are pro-  
17           duced in the United States.

18           “(2) EXCEPTIONS.—Paragraph (1) shall not  
19           apply in any case or category of cases with respect  
20           to which the Secretary determines that—

21                   “(A) the application would be inconsistent  
22                   with the public interest;

23                   “(B) iron, steel, or a relevant manufac-  
24                   tured good is not produced in the United States

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1 in sufficient and reasonably available quantity,  
2 or of a satisfactory quality; or

3 “(C) the inclusion of iron, steel, or a man-  
4 ufactured good produced in the United States  
5 will increase the cost of the overall project by  
6 more than 25 percent.

7 “(3) WAIVERS.—If the Secretary receives a re-  
8 quest for a waiver under this subsection, the Sec-  
9 retary shall—

10 “(A) make available to the public a copy of  
11 the request, together with any information  
12 available to the Secretary concerning the re-  
13 quest—

14 “(i) on an informal basis; and

15 “(ii) by electronic means, including on  
16 the official public website of the Depart-  
17 ment;

18 “(B) allow for informal public comment re-  
19 lating to the request for not fewer than 15 days  
20 before making a determination with respect to  
21 the request; and

22 “(C) approve or disapprove the request by  
23 not later than the date that is 120 days after  
24 the date of receipt of the request.

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1           “(4) APPLICABILITY.—This subsection shall be  
2 applied in accordance with any applicable obligations  
3 of the United States under international agreements.

4           “(f) APPLICATION PROCESSING PROCEDURES.—

5           “(1) NOTICE OF COMPLETE APPLICATION.—  
6 Not later than 30 days after the date of receipt of  
7 an application under this section, the Secretary shall  
8 provide to the applicant a written notice describing  
9 whether—

10                   “(A) the application is complete; or

11                   “(B) additional information or materials  
12 are needed to complete the application.

13           “(2) APPROVAL OR DENIAL OF APPLICATION.—

14 Not later than 60 days after the date of issuance of  
15 a written notice under paragraph (1), the Secretary  
16 shall provide to the applicant a written notice in-  
17 forming the applicant whether the Secretary has ap-  
18 proved or disapproved the application.

19           “(g) DEVELOPMENT-PHASE ACTIVITIES.—Any Fed-  
20 eral credit instrument provided under the CIFLA program  
21 may be used to finance up to 100 percent of the cost of  
22 development-phase activities, as described in section  
23 999A(4)(A).

24           **“SEC. 999C. SECURED LOANS.**

25           “(a) AGREEMENTS.—

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1           “(1) IN GENERAL.—Subject to paragraph (2),  
2           the Secretary may enter into agreements with 1 or  
3           more obligors to make secured loans, the proceeds of  
4           which—

5                   “(A) shall be used—

6                           “(i) to finance eligible project costs of  
7                           any project selected under section 999B;

8                           “(ii) to refinance interim construction  
9                           financing of eligible project costs of any  
10                          project selected under section 999B; or

11                          “(iii) to refinance long-term project  
12                          obligations or Federal credit instruments,  
13                          if the refinancing provides additional fund-  
14                          ing capacity for the completion, enhance-  
15                          ment, or expansion of any project that—

16                                   “(I) is selected under section  
17                                   999B; or

18                                   “(II) otherwise meets the re-  
19                                   quirements of that section; and

20                          “(B) may be used in accordance with sub-  
21                          section (b)(7) to pay any fees collected by the  
22                          Secretary under subparagraph (B) of that sub-  
23                          section.

24           “(2) RISK ASSESSMENT.—Before entering into  
25           an agreement under this subsection, the Secretary,



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1 in consultation with the Director of the Office of  
2 Management and Budget, shall determine an appro-  
3 priate credit subsidy amount for each secured loan,  
4 taking into account all relevant factors, including the  
5 creditworthiness factors under section 999B(b)(2).

6 “(b) TERMS AND LIMITATIONS.—

7 “(1) IN GENERAL.—A secured loan under this  
8 section with respect to a project shall be on such  
9 terms and conditions and contain such covenants,  
10 representations, warranties, and requirements (in-  
11 cluding requirements for audits) as the Secretary de-  
12 termines to be appropriate.

13 “(2) MAXIMUM AMOUNT.—The amount of a se-  
14 cured loan under this section shall not exceed an  
15 amount equal to 80 percent of the reasonably antici-  
16 pated eligible project costs.

17 “(3) PAYMENT.—A secured loan under this sec-  
18 tion shall be payable, in whole or in part, from—

19 “(A) user fees;

20 “(B) payments owing to the obligor under  
21 a public-private partnership; or

22 “(C) other revenue sources that also secure  
23 or fund the project obligations.

24 “(4) INTEREST RATE.—

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1           “(A) IN GENERAL.—Except as provided in  
2           subparagraph (B), the interest rate on a se-  
3           cured loan under this section shall be not less  
4           than the interest rate reflected in the yield on  
5           United States Treasury securities of a similar  
6           maturity to the maturity of the secured loan on  
7           the date of execution of the loan agreement.

8           “(B) LIMITED BUYDOWNS.—

9           “(i) IN GENERAL.—Subject to clause  
10           (iii), the Secretary may lower the interest  
11           rate of a secured loan under this section to  
12           not lower than the interest rate described  
13           in clause (ii), if the interest rate has in-  
14           creased during the period—

15                   “(I) beginning on, as applica-  
16                   ble—

17                           “(aa) the date on which an  
18                           application acceptable to the Sec-  
19                           retary is submitted for the appli-  
20                           cable project; or

21                           “(bb) the date on which the  
22                           Secretary entered into a master  
23                           credit agreement for the applica-  
24                           ble project; and

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1                   “(II) ending on the date on  
2                   which the Secretary executes the Fed-  
3                   eral credit instrument for the applica-  
4                   ble project that is the subject of the  
5                   secured loan.

6                   “(ii) DESCRIPTION OF INTEREST  
7                   RATE.—The interest rate referred to in  
8                   clause (i) is the interest rate reflected in  
9                   the yield on United States Treasury securi-  
10                  ties of a similar maturity to the maturity  
11                  of the secured loan in effect, as applicable  
12                  to the project that is the subject of the se-  
13                  cured loan, on—

14                   “(I) the date described in clause  
15                   (i)(I)(aa); or

16                   “(II) the date described in clause  
17                   (i)(I)(bb).

18                   “(iii) LIMITATION.—The interest rate  
19                   of a secured loan may not be lowered pur-  
20                   suant to clause (i) by more than 1½ per-  
21                   centage points (150 basis points).

22                   “(5) MATURITY DATE.—The final maturity  
23                   date of the secured loan shall be the earlier of—



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1 or a system-backed pledge of project  
2 revenues.

3 “(ii) LIMITATION.—If the Secretary  
4 waives the nonsubordination requirement  
5 under this subparagraph—

6 “(I) the maximum credit subsidy  
7 amount to be paid by the Federal  
8 Government shall be not more than  
9 10 percent of the principal amount of  
10 the secured loan; and

11 “(II) the obligor shall be respon-  
12 sible for paying the remainder of the  
13 subsidy amount, if any.

14 “(7) FEES.—

15 “(A) IN GENERAL.—The Secretary may  
16 collect a fee on or after the date of the financial  
17 close of a Federal credit instrument under this  
18 section in an amount equal to not more than  
19 \$3,000,000 to cover all or a portion of the costs  
20 to the Federal Government of providing the  
21 Federal credit instrument.

22 “(B) AMENDMENT TO ADD COST OF FEES  
23 TO SECURED LOAN.—If the Secretary collects a  
24 fee from an obligor under subparagraph (A) to  
25 cover all or a portion of the costs to the Federal

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1 Government of providing a secured loan, the ob-  
2 ligor and the Secretary may amend the terms  
3 of the secured loan to add to the principal of  
4 the secured loan an amount equal to the  
5 amount of the fee collected by the Secretary.

6 “(8) MAXIMUM FEDERAL INVOLVEMENT.—The  
7 total Federal assistance provided for a project under  
8 the CIFIA program, including any grant provided  
9 under section 999D, shall not exceed an amount  
10 equal to 80 percent of the eligible project costs.

11 “(c) REPAYMENT.—

12 “(1) SCHEDULE.—The Secretary shall establish  
13 a repayment schedule for each secured loan under  
14 this section based on—

15 “(A) the projected cash flow from project  
16 revenues and other repayment sources; and

17 “(B) the useful life of the project.

18 “(2) COMMENCEMENT.—Scheduled loan repay-  
19 ments of principal or interest on a secured loan  
20 under this section shall commence not later than 5  
21 years after the date of substantial completion of the  
22 project.

23 “(3) DEFERRED PAYMENTS.—

24 “(A) IN GENERAL.—If, at any time after  
25 the date of substantial completion of a project,

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1 the project is unable to generate sufficient reve-  
2 nues in excess of reasonable and necessary op-  
3 erating expenses to pay the scheduled loan re-  
4 payments of principal and interest on the se-  
5 cured loan, the Secretary may, subject to sub-  
6 paragraph (C), allow the obligor to add unpaid  
7 principal and interest to the outstanding bal-  
8 ance of the secured loan.

9 “(B) INTEREST.—Any payment deferred  
10 under subparagraph (A) shall—

11 “(i) continue to accrue interest in ac-  
12 cordance with subsection (b)(4) until fully  
13 repaid; and

14 “(ii) be scheduled to be amortized  
15 over the remaining term of the loan.

16 “(C) CRITERIA.—

17 “(i) IN GENERAL.—Any payment de-  
18 ferral under subparagraph (A) shall be  
19 contingent on the project meeting criteria  
20 established by the Secretary.

21 “(ii) REPAYMENT STANDARDS.—The  
22 criteria established pursuant to clause (i)  
23 shall include standards for the reasonable  
24 prospect of repayment.

25 “(4) PREPAYMENT.—

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1           “(A) USE OF EXCESS REVENUES.—Any  
2 excess revenues that remain after satisfying  
3 scheduled debt service requirements on the  
4 project obligations and secured loan and all de-  
5 posit requirements under the terms of any trust  
6 agreement, bond resolution, or similar agree-  
7 ment securing project obligations may be ap-  
8 plied annually to prepay the secured loan, with-  
9 out penalty.

10           “(B) USE OF PROCEEDS OF REFI-  
11 NANCING.—A secured loan may be prepaid at  
12 any time without penalty from the proceeds of  
13 refinancing from non-Federal funding sources.

14           “(d) SALE OF SECURED LOANS.—

15           “(1) IN GENERAL.—Subject to paragraph (2),  
16 as soon as practicable after substantial completion of  
17 a project and after notifying the obligor, the Sec-  
18 retary may sell to another entity or reoffer into the  
19 capital markets a secured loan for the project if the  
20 Secretary determines that the sale or reoffering can  
21 be made on favorable terms.

22           “(2) CONSENT OF OBLIGOR.—In making a sale  
23 or reoffering under paragraph (1), the Secretary  
24 may not change any original term or condition of the



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1 secured loan without the written consent of the obli-  
2 gor.

3 “(e) LOAN GUARANTEES.—

4 “(1) IN GENERAL.—The Secretary may provide  
5 a loan guarantee to a lender in lieu of making a se-  
6 cured loan under this section if the Secretary deter-  
7 mines that the budgetary cost of the loan guarantee  
8 is substantially the same as, or less than, that of a  
9 secured loan.

10 “(2) TERMS.—The terms of a loan guarantee  
11 under paragraph (1) shall be consistent with the  
12 terms required under this section for a secured loan,  
13 except that the rate on the guaranteed loan and any  
14 prepayment features shall be negotiated between the  
15 obligor and the lender, with the consent of the Sec-  
16 retary.

17 **“SEC. 999D. FUTURE GROWTH GRANTS.**

18 “(a) ESTABLISHMENT.—The Secretary may provide  
19 grants to pay a portion of the cost differential, with re-  
20 spect to any projected future increase in demand for car-  
21 bon dioxide transportation by an infrastructure project de-  
22 scribed in subsection (b), between—

23 “(1) the cost of constructing the infrastructure  
24 asset with the capacity to transport an increased

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1 flow rate of carbon dioxide, as made practicable  
2 under the project; and

3 “(2) the cost of constructing the infrastructure  
4 asset with the capacity to transport carbon dioxide  
5 at the flow rate initially required, based on commit-  
6 ments for the use of the asset.

7 “(b) ELIGIBILITY.—To be eligible to receive a grant  
8 under this section, an entity shall—

9 “(1) be eligible to receive credit assistance  
10 under the CIFIA program;

11 “(2) carry out, or propose to carry out, a  
12 project for large-capacity, common carrier infra-  
13 structure with a probable future increase in demand  
14 for carbon dioxide transportation; and

15 “(3) submit to the Secretary an application at  
16 such time, in such manner, and containing such in-  
17 formation as the Secretary determines to be appro-  
18 priate.

19 “(c) USE OF FUNDS.—A grant provided under this  
20 section may be used only to pay the costs of any additional  
21 flow rate capacity of a carbon dioxide transportation infra-  
22 structure asset that the project sponsor demonstrates to  
23 the satisfaction of the Secretary can reasonably be ex-  
24 pected to be used during the 20-year period beginning on

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1 the date of substantial completion of the project described  
2 in subsection (b)(2).

3 “(d) **MAXIMUM AMOUNT.**—The amount of a grant  
4 provided under this section may not exceed an amount  
5 equal to 80 percent of the cost of the additional capacity  
6 described in subsection (a).

7 **“SEC. 999E. PROGRAM ADMINISTRATION.**

8 “(a) **REQUIREMENT.**—The Secretary shall establish  
9 a uniform system to service the Federal credit instruments  
10 provided under the CIFIA program.

11 “(b) **FEES.**—If funding sufficient to cover the costs  
12 of services of expert firms retained pursuant to subsection  
13 (d) and all or a portion of the costs to the Federal Govern-  
14 ment of servicing the Federal credit instruments is not  
15 provided in an appropriations Act for a fiscal year, the  
16 Secretary, during that fiscal year, may collect fees on or  
17 after the date of the financial close of a Federal credit  
18 instrument provided under the CIFIA program at a level  
19 that is sufficient to cover those costs.

20 “(c) **SERVICER.**—

21 “(1) **IN GENERAL.**—The Secretary may appoint  
22 a financial entity to assist the Secretary in servicing  
23 the Federal credit instruments.

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1           “(2) DUTIES.—A servicer appointed under  
2 paragraph (1) shall act as the agent for the Sec-  
3 retary.

4           “(3) FEE.—A servicer appointed under para-  
5 graph (1) shall receive a servicing fee, subject to ap-  
6 proval by the Secretary.

7           “(d) ASSISTANCE FROM EXPERT FIRMS.—The Sec-  
8 retary may retain the services of expert firms, including  
9 counsel, in the field of municipal and project finance to  
10 assist in the underwriting and servicing of Federal credit  
11 instruments.

12           “(e) EXPEDITED PROCESSING.—The Secretary shall  
13 implement procedures and measures to economize the time  
14 and cost involved in obtaining approval and the issuance  
15 of credit assistance under the CIFLA program.

16 **“SEC. 999F. STATE AND LOCAL PERMITS.**

17           “The provision of credit assistance under the CIFLA  
18 program with respect to a project shall not—

19           “(1) relieve any recipient of the assistance of  
20 any project obligation to obtain any required State  
21 or local permit or approval with respect to the  
22 project;

23           “(2) limit the right of any unit of State or local  
24 government to approve or regulate any rate of re-  
25 turn on private equity invested in the project; or

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1           “(3) otherwise supersede any State or local law  
2           (including any regulation) applicable to the construc-  
3           tion or operation of the project.

4   **“SEC. 999G. REGULATIONS.**

5           “The Secretary may promulgate such regulations as  
6           the Secretary determines to be appropriate to carry out  
7           the CIFIA program.

8   **“SEC. 999H. AUTHORIZATION OF APPROPRIATIONS; CON-  
9           TRACT AUTHORITY.**

10          “(a) AUTHORIZATION OF APPROPRIATIONS.—

11           “(1) IN GENERAL.—There are authorized to be  
12           appropriated to the Secretary to carry out this sub-  
13           title—

14                   “(A) \$600,000,000 for each of fiscal years  
15                   2022 and 2023; and

16                   “(B) \$300,000,000 for each of fiscal years  
17                   2024 through 2026.

18           “(2) SPENDING AND BORROWING AUTHOR-  
19           ITY.—Spending and borrowing authority for a fiscal  
20           year to enter into Federal credit instruments shall  
21           be promptly apportioned to the Secretary on a fiscal-  
22           year basis.

23           “(3) REESTIMATES.—If the subsidy amount of  
24           a Federal credit instrument is reestimated, the cost  
25           increase or decrease of the reestimate shall be borne

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1 by, or benefit, the general fund of the Treasury, con-  
2 sistent with section 504(f) of the Congressional  
3 Budget Act of 1974 (2 U.S.C. 661c(f)).

4 “(4) ADMINISTRATIVE COSTS.—Of the amounts  
5 made available to carry out the CIFLA program, the  
6 Secretary may use not more than \$9,000,000 (as in-  
7 dexed for United States dollar inflation from the  
8 date of enactment of the Infrastructure Investment  
9 and Jobs Act (as measured by the Consumer Price  
10 Index)) each fiscal year for the administration of the  
11 CIFLA program.

12 “(b) CONTRACT AUTHORITY.—

13 “(1) IN GENERAL.—Notwithstanding any other  
14 provision of law, execution of a term sheet by the  
15 Secretary of a Federal credit instrument that uses  
16 amounts made available under the CIFLA program  
17 shall impose on the United States a contractual obli-  
18 gation to fund the Federal credit investment.

19 “(2) AVAILABILITY.—Amounts made available  
20 to carry out the CIFLA program for a fiscal year  
21 shall be available for obligation on October 1 of the  
22 fiscal year.”.

23 (b) TECHNICAL AMENDMENTS.—The table of con-  
24 tents for the Energy Policy Act of 2005 (Public Law 109–  
25 58; 119 Stat. 600) is amended—

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1 (1) in the item relating to section 917, by strik-  
2 ing “Efficiency”;

3 (2) by striking the items relating to subtitle J  
4 of title IX (relating to ultra-deepwater and uncon-  
5 ventional natural gas and other petroleum resources)  
6 and inserting the following:

“Subtitle J—Carbon Dioxide Transportation Infrastructure Finance and  
Innovation

“Sec. 999A. Definitions.

“Sec. 999B. Determination of eligibility and project selection.

“Sec. 999C. Secured loans.

“Sec. 999D. Future growth grants.

“Sec. 999E. Program administration.

“Sec. 999F. State and local permits.

“Sec. 999G. Regulations.

“Sec. 999H. Authorization of appropriations; contract authority.”; and

7 (3) by striking the item relating to section  
8 969B and inserting the following:

“Sec. 969B. High efficiency turbines.”.

9 **SEC. 30305. CARBON STORAGE VALIDATION AND TESTING.**

10 Section 963 of the Energy Policy Act of 2005 (42  
11 U.S.C. 16293) is amended—

12 (1) in subsection (a)(1)(B), by striking “over a  
13 10-year period”;

14 (2) in subsection (b)—

15 (A) in paragraph (1), by striking “and  
16 demonstration” and inserting “demonstration,  
17 and commercialization”; and

18 (B) in paragraph (2)—

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1 (i) in subparagraph (G), by striking  
2 “and” at the end;

3 (ii) in subparagraph (H), by striking  
4 the period at the end and inserting “;  
5 and”; and

6 (iii) by adding at the end the fol-  
7 lowing:

8 “(I) evaluating the quantity, lo-  
9 cation, and timing of geologic carbon  
10 storage deployment that may be need-  
11 ed, and developing strategies and re-  
12 sources to enable the deployment.”;

13 (3) by redesignating subsections (e) through (g)  
14 as subsections (f) through (h), respectively;

15 (4) by inserting after subsection (d) the fol-  
16 lowing:

17 “(e) LARGE-SCALE CARBON STORAGE COMMER-  
18 CIALIZATION PROGRAM.—

19 “(1) IN GENERAL.—The Secretary shall estab-  
20 lish a commercialization program under which the  
21 Secretary shall provide funding for the development  
22 of new or expanded commercial large-scale carbon  
23 sequestration projects and associated carbon dioxide  
24 transport infrastructure, including funding for the



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1 feasibility, site characterization, permitting, and con-  
2 struction stages of project development.

3 “(2) APPLICATIONS; SELECTION.—

4 “(A) IN GENERAL.—To be eligible to enter  
5 into an agreement with the Secretary for fund-  
6 ing under paragraph (1), an entity shall submit  
7 to the Secretary an application at such time, in  
8 such manner, and containing such information  
9 as the Secretary determines to be appropriate.

10 “(B) APPLICATION PROCESS.—The Sec-  
11 retary shall establish an application process  
12 that, to the maximum extent practicable—

13 “(i) is open to projects at any stage of  
14 development described in paragraph (1);  
15 and

16 “(ii) facilitates expeditious develop-  
17 ment of projects described in that para-  
18 graph.

19 “(C) PROJECT SELECTION.—In selecting  
20 projects for funding under paragraph (1), the  
21 Secretary shall give priority to—

22 “(i) projects with substantial carbon  
23 dioxide storage capacity; or

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1 “(ii) projects that will store carbon di-  
2 oxide from multiple carbon capture facili-  
3 ties.”;

4 (5) in subsection (f) (as so redesignated), in  
5 paragraph (1), by inserting “with respect to the re-  
6 search, development, demonstration program compo-  
7 nents described in subsections (b) through (d)” be-  
8 fore “give preference”; and

9 (6) by striking subsection (h) (as so redesign-  
10 ated) and inserting the following:

11 “(h) AUTHORIZATION OF APPROPRIATIONS.—There  
12 is authorized to be appropriated to the Secretary to carry  
13 out this section \$2,500,000,000 for the period of fiscal  
14 years 2022 through 2026.”.

15 **SEC. 30306. SECURE GEOLOGIC STORAGE PERMITTING.**

16 (a) DEFINITIONS.—In this section:

17 (1) ADMINISTRATOR.—The term “Adminis-  
18 trator” means the Administrator of the Environ-  
19 mental Protection Agency.

20 (2) CLASS VI WELL.—The term “Class VI well”  
21 means a well described in section 144.6(f) of title  
22 40, Code of Federal Regulations (or successor regu-  
23 lations).

24 (b) AUTHORIZATION OF APPROPRIATIONS FOR GEO-  
25 LOGIC SEQUESTRATION PERMITTING.—There is author-

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1 ized to be appropriated to the Administrator for the per-  
2 mitting of Class VI wells by the Administrator for the in-  
3 jection of carbon dioxide for the purpose of geologic se-  
4 questration in accordance with the requirements of the  
5 Safe Drinking Water Act (42 U.S.C. 300f et seq.) and  
6 the final rule of the Administrator entitled “Federal Re-  
7 quirements Under the Underground Injection Control  
8 (UIC) Program for Carbon Dioxide (CO<sub>2</sub>) Geologic Se-  
9 questration (GS) Wells” (75 Fed. Reg. 77230 (December  
10 10, 2010)), \$5,000,000 for each of fiscal years 2022  
11 through 2026.

12 (c) STATE PERMITTING PROGRAM GRANTS.—

13 (1) ESTABLISHMENT.—The Administrator shall  
14 award grants to States that, pursuant to section  
15 1422 of the Safe Drinking Water Act (42 U.S.C.  
16 300h–1), receive the approval of the Administrator  
17 for a State underground injection control program  
18 for permitting Class VI wells for the injection of car-  
19 bon dioxide.

20 (2) USE OF FUNDS.—A State that receives a  
21 grant under paragraph (1) shall use the amounts re-  
22 ceived under the grant to defray the expenses of the  
23 State related to the establishment and operation of  
24 a State underground injection control program de-  
25 scribed in paragraph (1).



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1           “(i) carbon dioxide plus incidental as-  
2           sociated substances derived from the  
3           source material or capture process; and

4           “(ii) any substances added to the  
5           stream for the purpose of enabling or im-  
6           proving the injection process.

7           “(2) EXCLUSIONS.—The term ‘carbon dioxide  
8           stream’ does not include additional waste or other  
9           matter added to the carbon dioxide stream for the  
10          purpose of disposal.

11          “(s) CARBON SEQUESTRATION.—The term ‘carbon  
12          sequestration’ means the act of storing carbon dioxide that  
13          has been removed from the atmosphere or captured  
14          through physical, chemical, or biological processes that  
15          can prevent the carbon dioxide from reaching the atmos-  
16          phere.”.

17          (b) LEASES, EASEMENTS, OR RIGHTS-OF-WAY FOR  
18          ENERGY AND RELATED PURPOSES.—Section 8(p)(1) of  
19          the Outer Continental Shelf Lands Act (43 U.S.C.  
20          1337(p)(1)) is amended—

21                 (1) in subparagraph (C), by striking “or” after  
22                 the semicolon;

23                 (2) in subparagraph (D), by striking the period  
24                 at the end and inserting “; or”; and

25                 (3) by adding at the end the following:

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1           “(E) provide for, support, or are directly  
2           related to the injection of a carbon dioxide  
3           stream into sub-seabed geologic formations for  
4           the purpose of long-term carbon sequestra-  
5           tion.”.

6           (c) CLARIFICATION.—A carbon dioxide stream in-  
7           jected for the purpose of carbon sequestration under sub-  
8           paragraph (E) of section 8(p)(1) of the Outer Continental  
9           Shelf Lands Act (43 U.S.C. 1337(p)(1)) shall not be con-  
10          sidered to be material (as defined in section 3 of the Ma-  
11          rine Protection, Research, and Sanctuaries Act of 1972  
12          (33 U.S.C. 1402)) for purposes of that Act (33 U.S.C.  
13          1401 et seq.).

14          (d) REGULATIONS.—Not later than 1 year after the  
15          date of enactment of this Act, the Secretary of the Interior  
16          shall promulgate regulations to carry out the amendments  
17          made by this section.

18          **SEC. 30308. CARBON REMOVAL.**

19          (a) IN GENERAL.—Section 969D of the Energy Pol-  
20          icy Act of 2005 (42 U.S.C. 16298d) is amended—

21                  (1) by redesignating subsection (j) as sub-  
22                  section (k); and

23                  (2) by inserting after subsection (i) the fol-  
24                  lowing:

25                  “(j) REGIONAL DIRECT AIR CAPTURE HUBS.—

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1 “(1) DEFINITIONS.—In this subsection:

2 “(A) ELIGIBLE PROJECT.—The term ‘eligi-  
3 ble project’ means a direct air capture project  
4 or a component project of a regional direct air  
5 capture hub.

6 “(B) REGIONAL DIRECT AIR CAPTURE  
7 HUB.—The term ‘regional direct air capture  
8 hub’ means a network of direct air capture  
9 projects, potential carbon dioxide utilization off-  
10 takers, connective carbon dioxide transport in-  
11 frastructure, subsurface resources, and seques-  
12 tration infrastructure located within a region.

13 “(2) ESTABLISHMENT OF PROGRAM.—

14 “(A) IN GENERAL.—The Secretary shall  
15 establish a program under which the Secretary  
16 shall provide funding for eligible projects that  
17 contribute to the development of 4 regional di-  
18 rect air capture hubs described in subparagraph  
19 (B).

20 “(B) REGIONAL DIRECT AIR CAPTURE  
21 HUBS.—Each of the 4 regional direct air cap-  
22 ture hubs developed under the program under  
23 subparagraph (A) shall be a regional direct air  
24 capture hub that—

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1 “(i) facilitates the deployment of di-  
2 rect air capture projects;

3 “(ii) has the capacity to capture and  
4 sequester, utilize, or sequester and utilize  
5 at least 1,000,000 metric tons of carbon  
6 dioxide from the atmosphere annually from  
7 a single unit or multiple interconnected  
8 units;

9 “(iii) demonstrates the capture, proc-  
10 essing, delivery, and sequestration or end-  
11 use of captured carbon; and

12 “(iv) could be developed into a re-  
13 gional or interregional carbon network to  
14 facilitate sequestration or carbon utiliza-  
15 tion.

16 “(3) SELECTION OF PROJECTS.—

17 “(A) SOLICITATION OF PROPOSALS.—

18 “(i) IN GENERAL.—Not later than  
19 180 days after the date of enactment of  
20 the Infrastructure Investment and Jobs  
21 Act, the Secretary shall solicit applications  
22 for funding for eligible projects.

23 “(ii) ADDITIONAL SOLICITATIONS.—  
24 The Secretary shall solicit applications for  
25 funding for eligible projects on a recurring



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1 basis after the first round of applications  
2 is received under clause (i) until all  
3 amounts appropriated to carry out this  
4 subsection are expended.

5 “(B) SELECTION OF PROJECTS FOR THE  
6 DEVELOPMENT OF REGIONAL DIRECT AIR CAP-  
7 TURE HUBS.—Not later than 3 years after the  
8 date of the deadline for the submission of pro-  
9 posals under subparagraph (A)(i), the Secretary  
10 shall select eligible projects described in para-  
11 graph (2)(A).

12 “(C) CRITERIA.—The Secretary shall se-  
13 lect eligible projects under subparagraph (B)  
14 using the following criteria:

15 “(i) CARBON INTENSITY OF LOCAL IN-  
16 DUSTRY.—To the maximum extent prac-  
17 ticable, each eligible project shall be lo-  
18 cated in a region with—

19 “(I) existing carbon-intensive fuel  
20 production or industrial capacity; or

21 “(II) carbon-intensive fuel pro-  
22 duction or industrial capacity that has  
23 retired or closed in the preceding 10  
24 years.

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1           “(ii) GEOGRAPHIC DIVERSITY.—To  
2 the maximum extent practicable, eligible  
3 projects shall contribute to the develop-  
4 ment of regional direct air capture hubs lo-  
5 cated in different regions of the United  
6 States.

7           “(iii) CARBON POTENTIAL.—To the  
8 maximum extent practicable, eligible  
9 projects shall contribute to the develop-  
10 ment of regional direct air capture hubs lo-  
11 cated in regions with high potential for  
12 carbon sequestration or utilization.

13           “(iv) HUBS IN FOSSIL-PRODUCING RE-  
14 GIONS.—To the maximum extent prac-  
15 ticable, eligible projects shall contribute to  
16 the development of at least 2 regional di-  
17 rect air capture hubs located in economi-  
18 cally distressed communities in the regions  
19 of the United States with high levels of  
20 coal, oil, or natural gas resources.

21           “(v) SCALABILITY.—The Secretary  
22 shall give priority to eligible projects that,  
23 as compared to other eligible projects, will  
24 contribute to the development of regional  
25 direct air capture hubs with larger initial

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1 capacity, greater potential for expansion,  
2 and lower levelized cost per ton of carbon  
3 dioxide removed from the atmosphere.

4 “(vi) EMPLOYMENT.—The Secretary  
5 shall give priority to eligible projects that  
6 are likely to create opportunities for skilled  
7 training and long-term employment to the  
8 greatest number of residents of the region.

9 “(vii) ADDITIONAL CRITERIA.—The  
10 Secretary may take into consideration  
11 other criteria that, in the judgment of the  
12 Secretary, are necessary or appropriate to  
13 carry out this subsection.

14 “(D) COORDINATION.—To the maximum  
15 extent practicable, in carrying out the program  
16 under this subsection, the Secretary shall take  
17 into account and coordinate with activities of  
18 the carbon capture technology program estab-  
19 lished under section 962(b)(1), the carbon stor-  
20 age validation and testing program established  
21 under section 963(b)(1), and the CIFIA pro-  
22 gram established under section 999B(a) such  
23 that funding from each of the programs is le-  
24 veraged to contribute toward the development  
25 of integrated regional and interregional carbon

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1 capture, removal, transport, sequestration, and  
2 utilization networks.

3 “(E) FUNDING OF ELIGIBLE PROJECTS.—  
4 The Secretary may make grants to, or enter  
5 into cooperative agreements or contracts with,  
6 each eligible project selected under subpara-  
7 graph (B) to accelerate commercialization of,  
8 and demonstrate the removal, processing, trans-  
9 port, sequestration, and utilization of, carbon  
10 dioxide captured from the atmosphere.

11 “(4) AUTHORIZATION OF APPROPRIATIONS.—  
12 There is authorized to be appropriated to the Sec-  
13 retary to carry out this subsection \$3,500,000,000  
14 for the period of fiscal years 2022 through 2026, to  
15 remain available until expended.”.

## 16 **Subtitle B—Hydrogen Research** 17 **and Development**

### 18 **SEC. 30311. FINDINGS; PURPOSE.**

19 (a) FINDINGS.—Congress finds that—

20 (1) hydrogen plays a critical part in the com-  
21 prehensive energy portfolio of the United States;

22 (2) the use of the hydrogen resources of the  
23 United States—

24 (A) promotes energy security and resil-  
25 ience; and

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1 (B) provides economic value and environ-  
2 mental benefits for diverse applications across  
3 multiple sectors of the economy; and

4 (3) hydrogen can be produced from a variety of  
5 domestically available clean energy sources, includ-  
6 ing—

7 (A) renewable energy resources, including  
8 biomass;

9 (B) fossil fuels with carbon capture, utili-  
10 zation, and storage; and

11 (C) nuclear power.

12 (b) PURPOSE.—The purpose of this subtitle is to ac-  
13 celerate research, development, demonstration, and de-  
14 ployment of hydrogen from clean energy sources by—

15 (1) providing a statutory definition for the term  
16 “clean hydrogen”;

17 (2) establishing a clean hydrogen strategy and  
18 roadmap for the United States;

19 (3) establishing a clearing house for clean hy-  
20 drogen program information at the National Energy  
21 Technology Laboratory;

22 (4) developing a robust clean hydrogen supply  
23 chain and workforce by prioritizing clean hydrogen  
24 demonstration projects in major shale gas regions;

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1 (5) establishing regional clean hydrogen hubs;  
2 and

3 (6) authorizing appropriations to carry out the  
4 Department of Energy Hydrogen Program Plan,  
5 dated November 2020, developed pursuant to title  
6 VIII of the Energy Policy Act of 2005 (42 U.S.C.  
7 16151 et seq.).

8 **SEC. 30312. DEFINITIONS.**

9 Section 803 of the Energy Policy Act of 2005 (42  
10 U.S.C. 16152) is amended—

11 (1) in paragraph (5), by striking the paragraph  
12 designation and heading and all that follows through  
13 “when” in the matter preceding subparagraph (A)  
14 and inserting the following:

15 “(5) PORTABLE; STORAGE.—The terms ‘port-  
16 able’ and ‘storage’, when”;

17 (2) by redesignating paragraphs (1) through  
18 (7) as paragraphs (2) through (8), respectively; and

19 (3) by inserting before paragraph (2) (as so re-  
20 designated) the following:

21 “(1) CLEAN HYDROGEN; HYDROGEN.—The  
22 terms ‘clean hydrogen’ and ‘hydrogen’ mean hydro-  
23 gen produced in compliance with the greenhouse gas  
24 emissions standard established under section 822(a),  
25 including production from any fuel source.”.

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1 **SEC. 30313. CLEAN HYDROGEN RESEARCH AND DEVELOP-**  
2 **MENT PROGRAM.**

3 (a) IN GENERAL.—Section 805 of the Energy Policy  
4 Act of 2005 (42 U.S. 16154) is amended—

5 (1) in the section heading, by striking “**PRO-**  
6 **GRAMS**” and inserting “**CLEAN HYDROGEN RE-**  
7 **SEARCH AND DEVELOPMENT PROGRAM**”;

8 (2) in subsection (a)—

9 (A) by striking “research and development  
10 program” and inserting “crosscutting research  
11 and development program (referred to in this  
12 section as the ‘program’)”; and

13 (B) by inserting “processing,” after “pro-  
14 duction,”;

15 (3) by striking subsection (b) and inserting the  
16 following:

17 “(b) GOALS.—The goals of the program shall be—

18 “(1) to advance research and development to  
19 demonstrate and commercialize the use of clean hy-  
20 drogen in the transportation, utility, industrial, com-  
21 mercial, and residential sectors; and

22 “(2) to demonstrate a standard of clean hydro-  
23 gen production in the transportation, utility, indus-  
24 trial, commercial, and residential sectors by 2040.”;

25 (4) in subsection (c)(3), by striking “renewable  
26 fuels and biofuels” and inserting “fossil fuels with

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1 carbon capture, utilization, and sequestration, re-  
2 newable fuels, biofuels, and nuclear energy”;

3 (5) by striking subsection (e) and inserting the  
4 following:

5 “(e) ACTIVITIES.—In carrying out the program, the  
6 Secretary, in partnership with the private sector, shall  
7 conduct activities to advance and support—

8 “(1) the establishment of a series of technology  
9 cost goals oriented toward achieving the standard of  
10 clean hydrogen production developed under section  
11 822(a);

12 “(2) the production of clean hydrogen from di-  
13 verse energy sources, including—

14 “(A) fossil fuels with carbon capture, utili-  
15 zation, and sequestration;

16 “(B) hydrogen-carrier fuels (including eth-  
17 anol and methanol);

18 “(C) renewable energy resources, including  
19 biomass;

20 “(D) nuclear energy; and

21 “(E) any other methods the Secretary de-  
22 termines to be appropriate;

23 “(3) the use of clean hydrogen for commercial,  
24 industrial, and residential electric power generation;



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1           “(4) the use of clean hydrogen in industrial ap-  
2           plications, including steelmaking, cement, chemical  
3           feedstocks, and process heat;

4           “(5) the use of clean hydrogen for use as a fuel  
5           source for both residential and commercial comfort  
6           heating and hot water requirements;

7           “(6) the safe and efficient delivery of hydrogen  
8           or hydrogen-carrier fuels, including—

9                   “(A) transmission by pipelines, including  
10                  retrofitting the existing natural gas transpor-  
11                  tation infrastructure system to enable a transi-  
12                  tion to transport and deliver increasing levels of  
13                  clean hydrogen, clean hydrogen blends, or clean  
14                  hydrogen carriers;

15                  “(B) tanks and other distribution methods;  
16                  and

17                  “(C) convenient and economic refueling of  
18                  vehicles, locomotives, maritime vessels, or  
19                  planes—

20                          “(i) at central refueling stations; or

21                          “(ii) through distributed onsite gen-  
22                          eration;

23           “(7) advanced vehicle, locomotive, maritime ves-  
24           sel, or plane technologies, including—

25                          “(A) engine and emission control systems;

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1           “(B) energy storage, electric propulsion,  
2           and hybrid systems;

3           “(C) automotive, locomotive, maritime ves-  
4           sel, or plane materials; and

5           “(D) other advanced vehicle, locomotive,  
6           maritime vessel, or plane technologies;

7           “(8) storage of hydrogen or hydrogen-carrier  
8           fuels, including the development of materials for safe  
9           and economic storage in gaseous, liquid, or solid  
10          form;

11          “(9) the development of safe, durable, afford-  
12          able, and efficient fuel cells, including fuel-flexible  
13          fuel cell power systems, improved manufacturing  
14          processes, high-temperature membranes, cost-effec-  
15          tive fuel processing for natural gas, fuel cell stack  
16          and system reliability, low-temperature operation,  
17          and cold start capability;

18          “(10) the ability of domestic clean hydrogen  
19          equipment manufacturers to manufacture commer-  
20          cially available competitive technologies in the  
21          United States;

22          “(11) the use of clean hydrogen in the trans-  
23          portation sector, including in light-, medium-, and  
24          heavy-duty vehicles, rail transport, aviation, and  
25          maritime applications; and

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1           “(12) in coordination with relevant agencies,  
2           the development of appropriate, uniform codes and  
3           standards for the safe and consistent deployment  
4           and commercialization of clean hydrogen production,  
5           processing, delivery, and end-use technologies.”; and

6           (6) by adding at the end the following:

7           “(j) TARGETS.—Not later than 180 days after the  
8           date of enactment of the Infrastructure Investment and  
9           Jobs Act, the Secretary shall establish targets for the pro-  
10          gram to address near-term (up to 2 years), mid-term (up  
11          to 7 years), and long-term (up to 15 years) challenges to  
12          the advancement of clean hydrogen systems and tech-  
13          nologies.”.

14          (b) CONFORMING AMENDMENT.—The table of con-  
15          tents for the Energy Policy Act of 2005 (Public Law 109–  
16          58; 119 Stat. 599) is amended by striking the item relat-  
17          ing to section 805 and inserting the following:

          “Sec. 805. Clean hydrogen research and development program.”.

18       **SEC. 30314. ADDITIONAL CLEAN HYDROGEN PROGRAMS.**

19          Title VIII of the Energy Policy Act of 2005 (42  
20          U.S.C. 16151 et seq.) is amended—

21               (1) by redesignating sections 813 through 816  
22               as sections 818 through 821, respectively; and

23               (2) by inserting after section 812 the following:

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1 **“SEC. 813. REGIONAL CLEAN HYDROGEN HUBS.**

2 “(a) DEFINITION OF REGIONAL CLEAN HYDROGEN  
3 HUB.—In this section, the term ‘regional clean hydrogen  
4 hub’ means a network of clean hydrogen producers, poten-  
5 tial clean hydrogen consumers, and connective infrastruc-  
6 ture located in close proximity.

7 “(b) ESTABLISHMENT OF PROGRAM.—The Secretary  
8 shall establish a program to support the development of  
9 at least 4 regional clean hydrogen hubs that—

10 “(1) demonstrably aid the achievement of the  
11 clean hydrogen production standard developed under  
12 section 822(a);

13 “(2) demonstrate the production, processing,  
14 delivery, storage, and end-use of clean hydrogen; and

15 “(3) can be developed into a national clean hy-  
16 drogen network to facilitate a clean hydrogen econ-  
17 omy.

18 “(c) SELECTION OF REGIONAL CLEAN HYDROGEN  
19 HUBS.—

20 “(1) SOLICITATION OF PROPOSALS.—Not later  
21 than 180 days after the date of enactment of the In-  
22 frastructure Investment and Jobs Act, the Secretary  
23 shall solicit proposals for regional clean hydrogen  
24 hubs.

25 “(2) SELECTION OF HUBS.—Not later than 1  
26 year after the deadline for the submission of pro-

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1 proposals under paragraph (1), the Secretary shall se-  
2 lect at least 4 regional clean hydrogen hubs to be de-  
3 veloped under subsection (b).

4 “(3) CRITERIA.—The Secretary shall select re-  
5 gional clean hydrogen hubs under paragraph (2)  
6 using the following criteria:

7 “(A) FEEDSTOCK DIVERSITY.—To the  
8 maximum extent practicable—

9 “(i) at least 1 regional clean hydrogen  
10 hub shall demonstrate the production of  
11 clean hydrogen from fossil fuels;

12 “(ii) at least 1 regional clean hydro-  
13 gen hub shall demonstrate the production  
14 of clean hydrogen from renewable energy;  
15 and

16 “(iii) at least 1 regional clean hydro-  
17 gen hub shall demonstrate the production  
18 of clean hydrogen from nuclear energy.

19 “(B) END-USE DIVERSITY.—To the max-  
20 imum extent practicable—

21 “(i) at least 1 regional clean hydrogen  
22 hub shall demonstrate the end-use of clean  
23 hydrogen in the electric power generation  
24 sector;

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1           “(ii) at least 1 regional clean hydro-  
2           gen hub shall demonstrate the end-use of  
3           clean hydrogen in the industrial sector;

4           “(iii) at least 1 regional clean hydro-  
5           gen hub shall demonstrate the end-use of  
6           clean hydrogen in the residential and com-  
7           mercial heating sector; and

8           “(iv) at least 1 regional clean hydro-  
9           gen hub shall demonstrate the end-use of  
10          clean hydrogen in the transportation sec-  
11          tor.

12          “(C) GEOGRAPHIC DIVERSITY.—To the  
13          maximum extent practicable, each regional  
14          clean hydrogen hub—

15                 “(i) shall be located in a different re-  
16                 gion of the United States; and

17                 “(ii) shall use energy resources that  
18                 are abundant in that region.

19          “(D) HUBS IN NATURAL GAS-PRODUCING  
20          REGIONS.—To the maximum extent practicable,  
21          at least 2 regional clean hydrogen hubs shall be  
22          located in the regions of the United States with  
23          the greatest natural gas resources.

24          “(E) EMPLOYMENT.—The Secretary shall  
25          give priority to regional clean hydrogen hubs

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1 that are likely to create opportunities for skilled  
2 training and long-term employment to the  
3 greatest number of residents of the region.

4 “(F) ADDITIONAL CRITERIA.—The Sec-  
5 retary may take into consideration other cri-  
6 teria that, in the judgment of the Secretary, are  
7 necessary or appropriate to carry out this title

8 “(4) FUNDING OF REGIONAL CLEAN HYDROGEN  
9 HUBS.—The Secretary may make grants to each re-  
10 gional clean hydrogen hub selected under paragraph  
11 (2) to accelerate commercialization of, and dem-  
12 onstrate the production, processing, delivery, stor-  
13 age, and end-use of, clean hydrogen.

14 “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
15 is authorized to be appropriated to the Secretary to carry  
16 out this section \$8,000,000,000 for the period of fiscal  
17 years 2022 through 2026.

18 **“SEC. 814. NATIONAL CLEAN HYDROGEN STRATEGY AND**  
19 **ROADMAP.**

20 “(a) DEVELOPMENT.—

21 “(1) IN GENERAL.—In carrying out the pro-  
22 grams established under sections 805 and 813, the  
23 Secretary, in consultation with the heads of relevant  
24 offices of the Department, shall develop a techno-  
25 logically and economically feasible national strategy

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1 and roadmap to facilitate widescale production, proc-  
2 essing, delivery, storage, and use of clean hydrogen.

3 “(2) INCLUSIONS.—The national clean hydro-  
4 gen strategy and roadmap developed under para-  
5 graph (1) shall focus on—

6 “(A) establishing a standard of hydrogen  
7 production that achieves the standard developed  
8 under section 822(a), including interim goals  
9 towards meeting that standard;

10 “(B)(i) clean hydrogen production and use  
11 from natural gas, coal, renewable energy  
12 sources, nuclear energy, and biomass; and

13 “(ii) identifying potential barriers, path-  
14 ways, and opportunities, including Federal pol-  
15 icy needs, to transition to a clean hydrogen  
16 economy;

17 “(C) identifying—

18 “(i) economic opportunities for the  
19 production, processing, transport, storage,  
20 and use of clean hydrogen that exist in the  
21 major shale natural gas-producing regions  
22 of the United States;

23 “(ii) economic opportunities for the  
24 production, processing, transport, storage,  
25 and use of clean hydrogen that exist for



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1 merchant nuclear power plants operating  
2 in deregulated markets; and

3 “(iii) environmental risks associated  
4 with potential deployment of clean hydro-  
5 gen technologies in those regions, and ways  
6 to mitigate those risks;

7 “(D) approaches, including substrategies,  
8 that reflect geographic diversity across the  
9 country, to advance clean hydrogen based on re-  
10 sources, industry sectors, environmental bene-  
11 fits, and economic impacts in regional econo-  
12 mies;

13 “(E) identifying opportunities to use, and  
14 barriers to using, existing infrastructure, in-  
15 cluding all components of the natural gas infra-  
16 structure system, the carbon dioxide pipeline in-  
17 frastructure system, end-use local distribution  
18 networks, end-use power generators, LNG ter-  
19 minals, industrial users of natural gas, and res-  
20 idential and commercial consumers of natural  
21 gas, for clean hydrogen deployment;

22 “(F) identifying the needs for and barriers  
23 and pathways to developing clean hydrogen  
24 hubs (including, where appropriate, clean hy-

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1 drogen hubs coupled with carbon capture, utili-  
2 zation, and storage hubs) that—

3 “(i) are regionally dispersed across  
4 the United States and can leverage natural  
5 gas to the maximum extent practicable;

6 “(ii) can demonstrate the efficient  
7 production, processing, delivery, and use of  
8 clean hydrogen;

9 “(iii) include transportation corridors  
10 and modes of transportation, including  
11 transportation of clean hydrogen by pipe-  
12 line and rail and through ports; and

13 “(iv) where appropriate, could serve  
14 as joint clean hydrogen and carbon cap-  
15 ture, utilization, and storage hubs;

16 “(G) prioritizing activities that improve the  
17 ability of the Department to develop tools to  
18 model, analyze, and optimize single-input, mul-  
19 tiple-output integrated hybrid energy systems  
20 and multiple-input, multiple-output integrated  
21 hybrid energy systems that maximize efficiency  
22 in providing hydrogen, high-value heat, elec-  
23 tricity, and chemical synthesis services;

24 “(H) identifying the appropriate points of  
25 interaction between and among Federal agen-

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1           cies involved in the production, processing, de-  
2           livery, storage, and use of clean hydrogen and  
3           clarifying the responsibilities of those Federal  
4           agencies, and potential regulatory obstacles and  
5           recommendations for modifications, in order to  
6           support the deployment of clean hydrogen; and

7           “(I) identifying geographic zones or re-  
8           gions in which clean hydrogen technologies  
9           could efficiently and economically be introduced  
10          in order to transition existing infrastructure to  
11          rely on clean hydrogen, in support of  
12          decarbonizing all relevant sectors of the econ-  
13          omy.

14          “(b) REPORTS TO CONGRESS.—

15                 “(1) IN GENERAL.—Not later than 180 days  
16          after the date of enactment of the Infrastructure In-  
17          vestment and Jobs Act, the Secretary shall submit  
18          to Congress the clean hydrogen strategy and road-  
19          map developed under subsection (a).

20                 “(2) UPDATES.—The Secretary shall submit to  
21          Congress updates to the clean hydrogen strategy and  
22          roadmap under paragraph (1) not less frequently  
23          than once every 3 years after the date on which the  
24          Secretary initially submits the report and roadmap.

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1 **“SEC. 815. CLEAN HYDROGEN MANUFACTURING AND RECY-**  
2 **CLING.**

3 “(a) CLEAN HYDROGEN MANUFACTURING INITIA-  
4 TIVE.—

5 “(1) IN GENERAL.—In carrying out the pro-  
6 grams established under sections 805 and 813, the  
7 Secretary shall award multiyear grants to, and enter  
8 into contracts, cooperative agreements, or any other  
9 agreements authorized under this Act or other Fed-  
10 eral law with, eligible entities (as determined by the  
11 Secretary) for research, development, and dem-  
12 onstration projects to advance new clean hydrogen  
13 production, processing, delivery, storage, and use  
14 equipment manufacturing technologies and tech-  
15 niques.

16 “(2) PRIORITY.—In awarding grants or enter-  
17 ing into contracts, cooperative agreements, or other  
18 agreements under paragraph (1), the Secretary, to  
19 the maximum extent practicable, shall give priority  
20 to clean hydrogen equipment manufacturing projects  
21 that—

22 “(A) increase efficiency and cost-effective-  
23 ness in—

24 “(i) the manufacturing process; and

25 “(ii) the use of resources, including  
26 existing energy infrastructure;

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1           “(B) support domestic supply chains for  
2 materials and components;

3           “(C) identify and incorporate nonhaz-  
4 arduous alternative materials for components  
5 and devices;

6           “(D) operate in partnership with tribal en-  
7 ergy development organizations, Indian Tribes,  
8 Tribal organizations, Native Hawaiian commu-  
9 nity-based organizations, or territories or freely  
10 associated States; or

11           “(E) are located in economically distressed  
12 areas of the major natural gas-producing re-  
13 gions of the United States.

14           “(3) EVALUATION.—Not later than 3 years  
15 after the date of enactment of the Infrastructure In-  
16 vestment and Jobs Act, and not less frequently than  
17 once every 4 years thereafter, the Secretary shall  
18 conduct, and make available to the public and the  
19 relevant committees of Congress, an independent re-  
20 view of the progress of the projects carried out  
21 through grants awarded, or contracts, cooperative  
22 agreements, or other agreements entered into, under  
23 paragraph (1).

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1 “(b) CLEAN HYDROGEN TECHNOLOGY RECYCLING  
2 RESEARCH, DEVELOPMENT, AND DEMONSTRATION PRO-  
3 GRAM.—

4 “(1) IN GENERAL.—In carrying out the pro-  
5 grams established under sections 805 and 813, the  
6 Secretary shall award multiyear grants to, and enter  
7 into contracts, cooperative agreements, or any other  
8 agreements authorized under this Act or other Fed-  
9 eral law with, eligible entities for research, develop-  
10 ment, and demonstration projects to create innova-  
11 tive and practical approaches to increase the reuse  
12 and recycling of clean hydrogen technologies, includ-  
13 ing by—

14 “(A) increasing the efficiency and cost-ef-  
15 fectiveness of the recovery of raw materials  
16 from clean hydrogen technology components  
17 and systems, including enabling technologies  
18 such as electrolyzers and fuel cells;

19 “(B) minimizing environmental impacts  
20 from the recovery and disposal processes;

21 “(C) addressing any barriers to the re-  
22 search, development, demonstration, and com-  
23 mercialization of technologies and processes for  
24 the disassembly and recycling of devices used

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1 for clean hydrogen production, processing, de-  
2 livery, storage, and use;

3 “(D) developing alternative materials, de-  
4 signs, manufacturing processes, and other as-  
5 pects of clean hydrogen technologies;

6 “(E) developing alternative disassembly  
7 and resource recovery processes that enable effi-  
8 cient, cost-effective, and environmentally re-  
9 sponsible disassembly of, and resource recovery  
10 from, clean hydrogen technologies; and

11 “(F) developing strategies to increase con-  
12 sumer acceptance of, and participation in, the  
13 recycling of fuel cells.

14 “(2) DISSEMINATION OF RESULTS.—The Sec-  
15 retary shall make available to the public and the rel-  
16 evant committees of Congress the results of the  
17 projects carried out through grants awarded, or con-  
18 tracts, cooperative agreements, or other agreements  
19 entered into, under paragraph (1), including any  
20 educational and outreach materials developed by the  
21 projects.

22 “(c) AUTHORIZATION OF APPROPRIATIONS.—There  
23 is authorized to be appropriated to the Secretary to carry  
24 out this section \$500,000,000 for the period of fiscal years  
25 2022 through 2026.

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1 **“SEC. 816. CLEAN HYDROGEN ELECTROLYSIS PROGRAM.**

2 “(a) DEFINITIONS.—In this section:

3 “(1) ELECTROLYSIS.—The term ‘electrolysis’  
4 means a process that uses electricity to split water  
5 into hydrogen and oxygen.

6 “(2) ELECTROLYZER.—The term ‘electrolyzer’  
7 means a system that produces hydrogen using elec-  
8 trolysis.

9 “(3) PROGRAM.—The term ‘program’ means  
10 the program established under subsection (b).

11 “(b) ESTABLISHMENT.—Not later than 90 days after  
12 the date of enactment of the Infrastructure Investment  
13 and Jobs Act, the Secretary shall establish a research, de-  
14 velopment, demonstration, commercialization, and deploy-  
15 ment program for purposes of commercialization to im-  
16 prove the efficiency, increase the durability, and reduce  
17 the cost of producing clean hydrogen using electrolyzers.

18 “(c) GOALS.—The goals of the program are—

19 “(1) to reduce the cost of hydrogen produced  
20 using electrolyzers to less than \$2 per kilogram of  
21 hydrogen by 2026; and

22 “(2) any other goals the Secretary determines  
23 are appropriate.

24 “(d) DEMONSTRATION PROJECTS.—In carrying out  
25 the program, the Secretary shall fund demonstration  
26 projects—



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1 “(1) to demonstrate technologies that produce  
2 clean hydrogen using electrolyzers; and

3 “(2) to validate information on the cost, effi-  
4 ciency, durability, and feasibility of commercial de-  
5 ployment of the technologies described in paragraph  
6 (1).

7 “(e) FOCUS.—The program shall focus on research  
8 relating to, and the development, demonstration, and de-  
9 ployment of—

10 “(1) low-temperature electrolyzers, including  
11 liquid-alkaline electrolyzers, membrane-based  
12 electrolyzers, and other advanced electrolyzers, capa-  
13 ble of converting intermittent sources of electric  
14 power to clean hydrogen with enhanced efficiency  
15 and durability;

16 “(2) high-temperature electrolyzers that com-  
17 bine electricity and heat to improve the efficiency of  
18 clean hydrogen production;

19 “(3) advanced reversible fuel cells that combine  
20 the functionality of an electrolyzer and a fuel cell;

21 “(4) new highly active, selective, and durable  
22 electrolyzer catalysts and electro-catalysts that—

23 “(A) greatly reduce or eliminate the need  
24 for platinum group metals; and

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1           “(B) enable electrolysis of complex mix-  
2           tures with impurities, including seawater;

3           “(5) modular electrolyzers for distributed en-  
4           ergy systems and the bulk-power system (as defined  
5           in section 215(a) of the Federal Power Act (16  
6           U.S.C. 824o(a)));

7           “(6) low-cost membranes or electrolytes and  
8           separation materials that are durable in the presence  
9           of impurities or seawater;

10          “(7) improved component design and material  
11          integration, including with respect to electrodes, po-  
12          rous transport layers and bipolar plates, and bal-  
13          ance-of-system components, to allow for scale-up and  
14          domestic manufacturing of electrolyzers at a high  
15          volume;

16          “(8) clean hydrogen storage technologies;

17          “(9) technologies that integrate hydrogen pro-  
18          duction with—

19               “(A) clean hydrogen compression and dry-  
20               ing technologies;

21               “(B) clean hydrogen storage; and

22               “(C) transportation or stationary systems;

23               and

24               “(10) integrated systems that combine hydro-  
25               gen production with renewable power or nuclear

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1 power generation technologies, including hybrid sys-  
2 tems with hydrogen storage.

3 “(f) GRANTS, CONTRACTS, COOPERATIVE AGREE-  
4 MENTS.—

5 “(1) GRANTS.—In carrying out the program,  
6 the Secretary shall award grants, on a competitive  
7 basis, to eligible entities for projects that the Sec-  
8 retary determines would provide the greatest  
9 progress toward achieving the goal of the program  
10 described in subsection (c).

11 “(2) CONTRACTS AND COOPERATIVE AGREE-  
12 MENTS.—In carrying out the program, the Secretary  
13 may enter into contracts and cooperative agreements  
14 with eligible entities and Federal agencies for  
15 projects that the Secretary determines would further  
16 the purpose of the program described in subsection  
17 (b).

18 “(3) ELIGIBILITY; APPLICATIONS.—

19 “(A) IN GENERAL.—The eligibility of an  
20 entity to receive a grant under paragraph (1),  
21 to enter into a contract or cooperative agree-  
22 ment under paragraph (2), or to receive fund-  
23 ing for a demonstration project under sub-  
24 section (d) shall be determined by the Sec-  
25 retary.

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1           “(B) APPLICATIONS.—An eligible entity  
2           desiring to receive a grant under paragraph (1),  
3           to enter into a contract or cooperative agree-  
4           ment under paragraph (2), or to receive fund-  
5           ing for a demonstration project under sub-  
6           section (d) shall submit to the Secretary an ap-  
7           plication at such time, in such manner, and  
8           containing such information as the Secretary  
9           may require.

10          “(g) AUTHORIZATION OF APPROPRIATIONS.—There  
11          is authorized to be appropriated to the Secretary to carry  
12          out the program \$1,000,000,000 for the period of fiscal  
13          years 2022 through 2026, to remain available until ex-  
14          pended.

15          **“SEC. 817. LABORATORY MANAGEMENT.**

16          “(a) IN GENERAL.—The National Energy Tech-  
17          nology Laboratory, the Idaho National Laboratory, and  
18          the National Renewable Energy Laboratory shall continue  
19          to work in a crosscutting manner to carry out the pro-  
20          grams established under sections 813 and 815.

21          “(b) COORDINATION; CLEARINGHOUSE.—In carrying  
22          out subsection (a), the National Energy Technology Lab-  
23          oratory shall—

24                  “(1) coordinate with—

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1 “(A) the Idaho National Laboratory, the  
2 National Renewable Energy Laboratory, and  
3 other National Laboratories in a cross-cutting  
4 manner;

5 “(B) institutions of higher education;

6 “(C) research institutes;

7 “(D) industrial researchers; and

8 “(E) international researchers; and

9 “(2) act as a clearinghouse to collect informa-  
10 tion from, and distribute information to, the Na-  
11 tional Laboratories and other entities described in  
12 subparagraphs (B) through (E) of paragraph (1).”.

13 **SEC. 30315. CLEAN HYDROGEN PRODUCTION QUALIFICA-**  
14 **TIONS.**

15 (a) IN GENERAL.—The Energy Policy Act of 2005  
16 (42 U.S.C. 16151 et seq.) (as amended by section  
17 30314(1)) is amended by adding at the end the following:

18 **“SEC. 822. CLEAN HYDROGEN PRODUCTION QUALIFICA-**  
19 **TIONS.**

20 “(a) IN GENERAL.—Not later than 180 days after  
21 the date of enactment of the Infrastructure Investment  
22 and Jobs Act, the Secretary, in consultation with the Ad-  
23 ministrator of the Environmental Protection Agency and  
24 after taking into account input from industry and other  
25 stakeholders, as determined by the Secretary, shall develop

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1 an initial standard for the carbon intensity of clean hydro-  
2 gen production that shall apply to activities carried out  
3 under this title.

4 “(b) REQUIREMENTS.—

5 “(1) IN GENERAL.—The standard developed  
6 under subsection (a) shall—

7 “(A) support clean hydrogen production  
8 from each source described in section 805(e)(2);

9 “(B) define the term ‘clean hydrogen’ to  
10 mean hydrogen produced with a carbon inten-  
11 sity equal to or less than 2 kilograms of carbon  
12 dioxide-equivalent produced at the site of pro-  
13 duction per kilogram of hydrogen produced; and

14 “(C) take into consideration technological  
15 and economic feasibility.

16 “(2) ADJUSTMENT.—Not later than the date  
17 that is 5 years after the date on which the Secretary  
18 develops the standard under subsection (a), the Sec-  
19 retary, in consultation with the Administrator of the  
20 Environmental Protection Agency and after taking  
21 into account input from industry and other stake-  
22 holders, as determined by the Secretary, shall—

23 “(A) determine whether the definition of  
24 clean hydrogen required under paragraph

1703

1 (1)(B) should be adjusted below the standard  
2 described in that paragraph; and

3 “(B) if the Secretary determines the ad-  
4 justment described in subparagraph (A) is ap-  
5 propriate, carry out the adjustment.

6 “(c) APPLICATION.—The standard developed under  
7 subsection (a) shall apply to clean hydrogen production  
8 from renewable, fossil fuel with carbon capture, utiliza-  
9 tion, and sequestration technologies, nuclear, and other  
10 fuel sources using any applicable production technology.”.

11 (b) CONFORMING AMENDMENT.—The table of con-  
12 tents for the Energy Policy Act of 2005 (Public Law 109–  
13 58; 119 Stat. 599) is amended by striking the items relat-  
14 ing to sections 813 through 816 and inserting the fol-  
15 lowing:

“Sec. 813. Regional clean hydrogen hubs.

“Sec. 814. National clean hydrogen strategy and roadmap.

“Sec. 815. Clean hydrogen manufacturing and recycling.

“Sec. 816. Clean hydrogen electrolysis program.

“Sec. 817. Laboratory management.

“Sec. 818. Technology transfer

“Sec. 819. Miscellaneous provisions.

“Sec. 820. Cost sharing.

“Sec. 821. Savings clause.

“Sec. 822. Clean hydrogen production qualifications.”.

16 **Subtitle C—Nuclear Energy**  
17 **Infrastructure**

18 **SEC. 30321. INFRASTRUCTURE PLANNING FOR MICRO AND**  
19 **SMALL MODULAR NUCLEAR REACTORS.**

20 (a) DEFINITIONS.—In this section:

1704

1           (1) **ADVANCED NUCLEAR REACTOR.**— The term  
2           “advanced nuclear reactor” has the meaning given  
3           the term in section 951(b) of the Energy Policy Act  
4           of 2005 (42 U.S.C. 16271(b)).

5           (2) **ISOLATED COMMUNITY.**—The term “iso-  
6           lated community” has the meaning given the term in  
7           section 8011(a) of the Energy Act of 2020 (42  
8           U.S.C. 17392(a)).

9           (3) **MICRO-REACTOR.**—The term “micro-reactor”  
10          means an advanced nuclear reactor that has an  
11          electric power production capacity that is not greater  
12          than 50 megawatts.

13          (4) **NATIONAL LABORATORY.**—The term “Na-  
14          tional Laboratory” has the meaning given the term  
15          in section 2 of the Energy Policy Act of 2005 (42  
16          U.S.C. 15801).

17          (5) **SMALL MODULAR REACTOR.**—The term  
18          “small modular reactor” means an advanced nuclear  
19          reactor—

20                 (A) with a rated capacity of less than 300  
21                 electrical megawatts; and

22                 (B) that can be constructed and operated  
23                 in combination with similar reactors at a single  
24                 site.



1705

1 (b) REPORT.—Not later than 180 days after the date  
2 of enactment of this Act, the Secretary shall submit to  
3 the Committee on Energy and Natural Resources of the  
4 Senate and the Committees on Energy and Commerce and  
5 Science, Space, and Technology of the House of Rep-  
6 resentatives a report that describes how the Department  
7 could enhance energy resilience and reduce carbon emis-  
8 sions with the use of micro-reactors and small modular  
9 reactors.

10 (c) ELEMENTS.—The report required by subsection  
11 (b) shall address the following:

12 (1) An evaluation by the Department of current  
13 resilience and carbon reduction requirements for en-  
14 ergy for facilities of the Department to determine  
15 whether changes are needed to address—

16 (A) the need to provide uninterrupted  
17 power to facilities of the Department for at  
18 least 3 days during power grid failures;

19 (B) the need for protection against cyber  
20 threats and electromagnetic pulses; and

21 (C) resilience to extreme natural events,  
22 including earthquakes, volcanic activity, tor-  
23 nados, hurricanes, floods, tsunamis, lahars,  
24 landslides, seiches, a large quantity of snowfall,  
25 and very low or high temperatures.

1706

1           (2) A strategy of the Department for using nu-  
2 clear energy to meet resilience and carbon reduction  
3 goals of facilities of the Department.

4           (3) A strategy to partner with private industry  
5 to develop and deploy micro-reactors and small mod-  
6 ular reactors to remote communities in order to re-  
7 place diesel generation and other fossil fuels.

8           (4) An assessment by the Department of the  
9 value associated with enhancing the resilience of a  
10 facility of the Department by transitioning to power  
11 from micro-reactors and small modular reactors and  
12 to co-located nuclear facilities with the capability to  
13 provide dedicated power to the facility of the De-  
14 partment during a grid outage or failure.

15           (5) The plans of the Department—

16               (A) for deploying a micro-reactor and a  
17 small modular reactor to produce energy for use  
18 by a facility of the Department in the United  
19 States by 2026;

20               (B) for deploying a small modular reactor  
21 to produce energy for use by a facility of the  
22 Department in the United States by 2029; and

23               (C) to include micro-reactors and small  
24 modular reactors in the planning for meeting  
25 future facility energy needs.

1707

1 (d) FINANCIAL AND TECHNICAL ASSISTANCE FOR  
2 SITING MICRO-REACTORS, SMALL MODULAR REACTORS,  
3 AND ADVANCED NUCLEAR REACTORS.—

4 (1) IN GENERAL.—The Secretary shall offer fi-  
5 nancial and technical assistance to entities to con-  
6 duct feasibility studies for the purpose of identifying  
7 suitable locations for the deployment of micro-react-  
8 tors, small modular reactors, and advanced nuclear  
9 reactors in isolated communities.

10 (2) REQUIREMENT.—Prior to providing finan-  
11 cial and technical assistance under paragraph (1),  
12 the Secretary shall conduct robust community en-  
13 gagement and outreach for the purpose of identi-  
14 fying levels of interest in isolated communities.

15 (3) LIMITATION.—The Secretary shall not dis-  
16 burse more than 50 percent of the amounts available  
17 for financial assistance under this subsection to the  
18 National Laboratories.

19 **SEC. 30322. PROPERTY INTERESTS RELATING TO CERTAIN**  
20 **PROJECTS AND PROTECTION OF INFORMA-**  
21 **TION RELATING TO CERTAIN AGREEMENTS.**

22 (a) PROPERTY INTERESTS RELATING TO FEDER-  
23 ALLY FUNDED ADVANCED NUCLEAR REACTOR  
24 PROJECTS.—

25 (1) DEFINITIONS.—In this section:

1708

1 (A) ADVANCED NUCLEAR REACTOR.—The  
2 term “advanced nuclear reactor” has the mean-  
3 ing given the term in section 951(b) of the En-  
4 ergy Policy Act of 2005 (42 U.S.C. 16271(b)).

5 (B) PROPERTY INTEREST.—

6 (i) IN GENERAL.—Except as provided  
7 in clause (ii), the term “property interest”  
8 means any interest in real property or per-  
9 sonal property (as those terms are defined  
10 in section 200.1 of title 2, Code of Federal  
11 Regulations (as in effect on the date of en-  
12 actment of this Act)).

13 (ii) EXCLUSION.—The term “property  
14 interest” does not include any interest in  
15 intellectual property developed using fund-  
16 ing provided under a project described in  
17 paragraph (3).

18 (2) ASSIGNMENT OF PROPERTY INTERESTS.—  
19 The Secretary may assign to any entity, including  
20 the United States, fee title or any other property in-  
21 terest acquired by the Secretary under an agreement  
22 entered into with respect to a project described in  
23 paragraph (3).

24 (3) PROJECT DESCRIBED.—A project referred  
25 to in paragraph (2) is—

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1 (A) a project for which funding is provided  
2 pursuant to the funding opportunity announce-  
3 ment of the Department numbered DE-FOA-  
4 0002271, including any project for which fund-  
5 ing has been provided pursuant to that an-  
6 nouncement as of the date of enactment of this  
7 Act;

8 (B) any other project for which funding is  
9 provided using amounts made available for the  
10 Advanced Reactor Demonstration Program of  
11 the Department under the heading “Nuclear  
12 Energy” under the heading “ENERGY PRO-  
13 GRAMS” in title III of division C of the Fur-  
14 ther Consolidated Appropriations Act, 2020  
15 (Public Law 116-94; 133 Stat. 2670);

16 (C) any other project for which Federal  
17 funding is provided under the Advanced Reac-  
18 tor Demonstration Program of the Department;  
19 or

20 (D) a project—

21 (i) relating to advanced nuclear reac-  
22 tors; and

23 (ii) for which Federal funding is pro-  
24 vided under a program focused on develop-  
25 ment and demonstration.

1710

1           (4) RETROACTIVE VESTING.—The vesting of fee  
2 title or any other property interest assigned under  
3 paragraph (2) shall be retroactive to the date on  
4 which the applicable project first received Federal  
5 funding as described in any of subparagraphs (A)  
6 through (D) of paragraph (3).

7           (b) CONSIDERATIONS IN COOPERATIVE RESEARCH  
8 AND DEVELOPMENT AGREEMENTS.—

9           (1) IN GENERAL.—Section 12(c)(7)(B) of the  
10 Stevenson-Wydler Technology Innovation Act of  
11 1980 (15 U.S.C. 3710a(c)(7)(B)) is amended—

12                   (A) by inserting “(i)” after “(B)”;

13                   (B) in clause (i), as so designated, by  
14 striking “The director” and inserting “Subject  
15 to clause (ii), the director”; and

16                   (C) by adding at the end the following:

17                           “(II) The agency may authorize  
18 the director to provide appropriate  
19 protections against dissemination de-  
20 scribed in clause (i) for a total period  
21 of not more than 30 years if the agen-  
22 cy determines that the nature of the  
23 information protected against dissemi-  
24 nation, including nuclear technology,  
25 could reasonably require an extended

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1 period of that protection to reach  
2 commercialization.”.

3 (2) APPLICABILITY.—

4 (A) DEFINITION.—In this subsection, the  
5 term “cooperative research and development  
6 agreement” has the meaning given the term in  
7 section 12(d) of the Stevenson-Wydler Tech-  
8 nology Innovation Act of 1980 (15 U.S.C.  
9 3710a(d)).

10 (B) RETROACTIVE EFFECT.—Clause (ii) of  
11 section 12(c)(7)(B) of the Stevenson-Wydler  
12 Technology Innovation Act of 1980 (15 U.S.C.  
13 3710a(c)(7)(B)), as added by subsection (a) of  
14 this section, shall apply with respect to any co-  
15 operative research and development agreement  
16 that is in effect as of the day before the date  
17 of enactment of this Act.

18 (c) DEPARTMENT OF ENERGY CONTRACTS.—Section  
19 646(g)(5) of the Department of Energy Organization Act  
20 (42 U.S.C. 7256(g)(5)) is amended—

21 (1) by striking “(5) The Secretary” and insert-  
22 ing the following:

23 “(5) PROTECTION FROM DISCLOSURE.—

24 “(A) IN GENERAL.—The Secretary”; and

25 (2) in subparagraph (A) (as so designated)—

1712

1 (A) by striking “, for up to 5 years after  
2 the date on which the information is devel-  
3 oped,”; and

4 (B) by striking “agency.” and inserting  
5 the following: “agency—

6 “(i) for up to 5 years after the date  
7 on which the information is developed; or

8 “(ii) for up to 30 years after the date  
9 on which the information is developed, if  
10 the Secretary determines that the nature  
11 of the technology under the transaction, in-  
12 cluding nuclear technology, could reason-  
13 ably require an extended period of protec-  
14 tion from disclosure to reach commer-  
15 cialization.

16 “(B) EXTENSION DURING TERM.—The  
17 Secretary may extend the period of protection  
18 from disclosure during the term of any trans-  
19 action described in subparagraph (A) in accord-  
20 ance with that subparagraph.”.

21 **SEC. 30323. CIVIL NUCLEAR CREDIT PROGRAM.**

22 (a) DEFINITIONS.—In this section:

23 (1) CERTIFIED NUCLEAR REACTOR.—The term  
24 “certified nuclear reactor” means a nuclear reactor  
25 that—



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1 (A) competes in a competitive electricity  
2 market; and

3 (B) is certified under subsection  
4 (c)(2)(A)(i) to submit a sealed bid in accord-  
5 ance with subsection (d).

6 (2) CREDIT.—The term “credit” means a credit  
7 allocated to a certified nuclear reactor under sub-  
8 section (e)(2).

9 (b) ESTABLISHMENT OF PROGRAM.—The Secretary  
10 shall establish a civil nuclear credit program—

11 (1) to evaluate nuclear reactors that are pro-  
12 jected to cease operations due to economic factors;  
13 and

14 (2) to allocate credits to certified nuclear reac-  
15 tors that are selected under paragraph (1)(B) of  
16 subsection (e) to receive credits under paragraph (2)  
17 of that subsection.

18 (c) CERTIFICATION.—

19 (1) APPLICATION.—

20 (A) IN GENERAL.—In order to be certified  
21 under paragraph (2)(A)(i), the owner or oper-  
22 ator of a nuclear reactor that is projected to  
23 cease operations due to economic factors shall  
24 submit to the Secretary an application at such  
25 time, in such manner, and containing such in-

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1           formation as the Secretary determines to be ap-  
2           propriate, including—

3                   (i) information on the operating costs  
4                   necessary to make the determination de-  
5                   scribed in paragraph (2)(A)(ii)(I), includ-  
6                   ing—

7                           (I) the average projected annual  
8                           operating loss in dollars per mega-  
9                           watt-hour, inclusive of the cost of  
10                          operational and market risks, ex-  
11                          pected to be incurred by the nuclear  
12                          reactor over the 4-year period for  
13                          which credits would be allocated;

14                           (II) any private or publicly avail-  
15                           able data with respect to current or  
16                           projected bulk power market prices;

17                           (III) out-of-market revenue  
18                           streams;

19                           (IV) operations and maintenance  
20                           costs;

21                           (V) capital costs, including fuel;  
22                           and

23                           (VI) operational and market  
24                           risks;

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1 (ii) an estimate of the potential incre-  
2 mental air pollutants that would result if  
3 the nuclear reactor were to cease oper-  
4 ations;

5 (iii) known information on the source  
6 of produced uranium and the location  
7 where the uranium is converted, enriched,  
8 and fabricated into fuel assemblies for the  
9 nuclear reactor for the 4-year period for  
10 which credits would be allocated; and

11 (iv) a detailed plan to sustain oper-  
12 ations at the conclusion of the applicable  
13 4-year period for which credits would be  
14 allocated—

15 (I) without receiving additional  
16 credits; or

17 (II) with the receipt of additional  
18 credits of a lower amount than the  
19 credits allocated during that 4-year  
20 credit period.

21 (B) **TIMELINE.**—The Secretary shall ac-  
22 cept applications described in subparagraph  
23 (A)—

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1 (i) until the date that is 120 days  
2 after the date of enactment of this Act;  
3 and

4 (ii) not less frequently than every year  
5 thereafter.

6 (C) PAYMENTS FROM STATE PROGRAMS.—

7 (i) IN GENERAL.—The owner or oper-  
8 ator of a nuclear reactor that receives a  
9 payment from a State zero-emission credit,  
10 a State clean energy contract, or any other  
11 State program with respect to that nuclear  
12 reactor shall be eligible to submit an appli-  
13 cation under subparagraph (A) with re-  
14 spect to that nuclear reactor during any  
15 application period beginning after the 120-  
16 day period beginning on the date of enact-  
17 ment of this Act.

18 (ii) REQUIREMENT.—An application  
19 submitted by an owner or operator de-  
20 scribed in clause (i) with respect to a nu-  
21 clear reactor described in that clause shall  
22 include all projected payments from State  
23 programs in determining the average pro-  
24 jected annual operating loss described in  
25 subparagraph (A)(i)(I), unless the credits

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1 allocated to the nuclear reactor pursuant  
2 to that application will be used to reduce  
3 those payments.

4 (2) DETERMINATION TO CERTIFY.—

5 (A) DETERMINATION.—

6 (i) IN GENERAL.—Not later than 60  
7 days after the applicable date under sub-  
8 paragraph (B) of paragraph (1), the Sec-  
9 retary shall determine whether to certify,  
10 in accordance with clauses (ii) and (iii),  
11 each nuclear reactor for which an applica-  
12 tion is submitted under subparagraph (A)  
13 of that paragraph.

14 (ii) MINIMUM REQUIREMENTS.—To  
15 the maximum extent practicable, the Sec-  
16 retary shall only certify a nuclear reactor  
17 under clause (i) if—

18 (I) after considering the informa-  
19 tion submitted under paragraph  
20 (1)(A)(i), the Secretary determines  
21 that the nuclear reactor is projected  
22 to cease operations due to economic  
23 factors;

24 (II) after considering the esti-  
25 mate submitted under paragraph

1718

1 (1)(A)(ii), the Secretary determines  
2 that pollutants would increase if the  
3 nuclear reactor were to cease oper-  
4 ations and be replaced with other  
5 types of power generation; and

6 (III) the Nuclear Regulatory  
7 Commission has reasonable assurance  
8 that the nuclear reactor—

9 (aa) will continue to be oper-  
10 ated in accordance with the cur-  
11 rent licensing basis (as defined in  
12 section 54.3 of title 10, Code of  
13 Federal Regulations (or successor  
14 regulations) of the nuclear reac-  
15 tor; and

16 (bb) poses no significant  
17 safety hazards.

18 (iii) PRIORITY.—In determining  
19 whether to certify a nuclear reactor under  
20 clause (i), the Secretary shall give priority  
21 to a nuclear reactor that uses, to the max-  
22 imum extent available, uranium that is  
23 produced, converted, enriched, and fab-  
24 ricated into fuel assemblies in the United  
25 States.

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1 (B) NOTICE.—For each application re-  
2 ceived under paragraph (1)(A), the Secretary  
3 shall provide to the applicable owner or oper-  
4 ator, as applicable—

5 (i) a notice of the certification of the  
6 applicable nuclear reactor; or

7 (ii) a notice that describes the reasons  
8 why the certification of the applicable nu-  
9 clear reactor was denied.

10 (d) BIDDING PROCESS.—

11 (1) IN GENERAL.—Subject to paragraph (2),  
12 the Secretary shall establish a deadline by which  
13 each certified nuclear reactor shall submit to the  
14 Secretary a sealed bid that—

15 (A) describes the price per megawatt-hour  
16 of the credits desired by the certified nuclear  
17 reactor, which shall not exceed the average pro-  
18 jected annual operating loss described in sub-  
19 section (c)(1)(A)(i)(I); and

20 (B) includes a commitment, subject to the  
21 receipt of credits, to provide a specific number  
22 of megawatt-hours of generation during the 4-  
23 year period for which credits would be allocated.

24 (2) REQUIREMENT.—The deadline established  
25 under paragraph (1) shall be not later than 30 days

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1 after the first date on which the Secretary has made  
2 the determination described in paragraph (2)(A)(i)  
3 of subsection (c) with respect to each application  
4 submitted under paragraph (1)(A) of that sub-  
5 section.

6 (e) ALLOCATION.—

7 (1) AUCTION.—Notwithstanding section 169 of  
8 the Atomic Energy Act of 1954 (42 U.S.C. 2209),  
9 the Secretary shall—

10 (A) in consultation with the heads of appli-  
11 cable Federal agencies, establish a process for  
12 evaluating bids submitted under subsection  
13 (d)(1) through an auction process; and

14 (B) select certified nuclear reactors to be  
15 allocated credits.

16 (2) CREDITS.—Subject to subsection (f)(2), on  
17 selection under paragraph (1), a certified nuclear re-  
18 actor shall be allocated credits for a 4-year period  
19 beginning on the date of the selection.

20 (3) REQUIREMENT.—To the maximum extent  
21 practicable, the Secretary shall use the amounts  
22 made available for credits under this section to allo-  
23 cate credits to as many certified nuclear reactors as  
24 possible.

25 (f) RENEWAL.—



1721

1 (1) IN GENERAL.—The owner or operator of a  
2 certified nuclear reactor may seek to recertify the  
3 nuclear reactor in accordance with this section.

4 (2) LIMITATION.—Notwithstanding any other  
5 provision of this section, the Secretary may not allo-  
6 cate any credits after September 30, 2031.

7 (g) ADDITIONAL REQUIREMENTS.—

8 (1) AUDIT.—During the 4-year period begin-  
9 ning on the date on which a certified nuclear reactor  
10 first receives a credit, the Secretary shall periodically  
11 audit the certified nuclear reactor.

12 (2) RECAPTURE.—The Secretary shall, by regu-  
13 lation, provide for the recapture of the allocation of  
14 any credit to a certified nuclear reactor that, during  
15 the period described in paragraph (1)—

16 (A) terminates operations; or

17 (B) does not operate at an annual loss in  
18 the absence of an allocation of credits to the  
19 certified nuclear reactor.

20 (3) CONFIDENTIALITY.—The Secretary shall es-  
21 tablish procedures to ensure that any confidential,  
22 private, proprietary, or privileged information that is  
23 included in a sealed bid submitted under this section  
24 is not publicly disclosed or otherwise improperly  
25 used.

1722

1 (h) REPORT.—Not later than January 1, 2024, the  
2 Comptroller General of the United States shall submit to  
3 Congress a report with respect to the credits allocated to  
4 certified nuclear reactors, which shall include—

5 (1) an evaluation of the effectiveness of the  
6 credits in avoiding air pollutants while ensuring grid  
7 reliability;

8 (2) a quantification of the ratepayer savings  
9 achieved under this section; and

10 (3) any recommendations to renew or expand  
11 the credits.

12 (i) AUTHORIZATION OF APPROPRIATIONS.—There is  
13 authorized to be appropriated to the Secretary to carry  
14 out this section \$6,000,000,000 for the period of fiscal  
15 years 2022 through 2026.

## 16 **Subtitle D—Hydropower**

### 17 **SEC. 30331. HYDROELECTRIC PRODUCTION INCENTIVES.**

18 Section 242 of the Energy Policy Act of 2005 (42  
19 U.S.C. 15881) is amended—

20 (1) in subsection (b)(2), by striking “before the  
21 date of the enactment of this section” and inserting  
22 “before the date of enactment of the Infrastructure  
23 Investment and Jobs Act”;

24 (2) in the undesignated matter following sub-  
25 section (b)(3), by striking “the date of the enact-



1724

1 (ii) by inserting “in any 1 fiscal year”

2 before the period at the end; and

3 (3) by striking subsection (c) and inserting the

4 following:

5 “(c) AUTHORIZATION OF APPROPRIATIONS.—There

6 is authorized to be appropriated to carry out this section

7 \$75,000,000 for fiscal year 2022 to remain available until

8 expended.”.

9 (b) CONFORMING AMENDMENT.—The table of con-

10 tents for the Energy Policy Act of 2005 (Public Law 109–

11 58; 119 Stat. 595) is amended by striking the item relat-

12 ing to section 243 and inserting the following:

“243. Hydroelectric efficiency improvement incentives.”.

13 **SEC. 30333. MAINTAINING AND ENHANCING**

14 **HYDROELECTRICITY INCENTIVES.**

15 (a) IN GENERAL.—Subtitle C of title II of the Energy

16 Policy Act of 2005 (Public Law 109–58; 119 Stat. 674)

17 is amended by adding at the end the following:

18 **“SEC. 247. MAINTAINING AND ENHANCING**

19 **HYDROELECTRICITY INCENTIVES.**

20 “(a) DEFINITION OF QUALIFIED HYDROELECTRIC

21 FACILITY.—In this section, the term ‘qualified hydro-

22 electric facility’ means a hydroelectric project that—

23 “(1)(A) is licensed by the Federal Energy Reg-

24 ulatory Commission; or

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1           “(B) is a hydroelectric project constructed, op-  
2           erated, or maintained pursuant to a permit or valid  
3           existing right-of-way granted prior to June 10,  
4           1920, or a license granted pursuant to the Federal  
5           Power Act (16 U.S.C. 791a et seq.);

6           “(2) is placed into service before the date of en-  
7           actment of this section; and

8           “(3)(A) is in compliance with all applicable  
9           Federal, Tribal, and State requirements; or

10           “(B) would be brought into compliance with the  
11           requirements described in subparagraph (A) as a re-  
12           sult of the capital improvements carried out using  
13           an incentive payment under this section.

14           “(b) INCENTIVE PAYMENTS.—The Secretary shall  
15           make incentive payments to the owners or operators of  
16           qualified hydroelectric facilities for capital improvements  
17           directly related to—

18           “(1) improving grid resiliency, including—

19           “(A) adapting more quickly to changing  
20           grid conditions;

21           “(B) providing ancillary services (including  
22           black start capabilities, voltage support, and  
23           spinning reserves);

24           “(C) integrating other variable sources of  
25           electricity generation; and

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1           “(D) managing accumulated reservoir sedi-  
2           ments;

3           “(2) improving dam safety to ensure acceptable  
4           performance under all loading conditions (including  
5           static, hydrologic, and seismic conditions), includ-  
6           ing—

7           “(A) the maintenance or upgrade of spill-  
8           ways or other appurtenant structures;

9           “(B) dam stability improvements, includ-  
10          ing erosion repair and enhanced seepage con-  
11          trols; and

12          “(C) upgrades or replacements of flood-  
13          gates or natural infrastructure restoration or  
14          protection to improve flood risk reduction; or

15          “(3) environmental improvements, including—

16          “(A) adding or improving safe and effec-  
17          tive fish passage, including new or upgraded  
18          turbine technology, fish ladders, fishways, and  
19          all other associated technology, equipment, or  
20          other fish passage technology to a qualified hy-  
21          droelectric facility;

22          “(B) improving the quality of the water re-  
23          tained or released by a qualified hydroelectric  
24          facility;

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1           “(C) promoting downstream sediment  
2 transport processes and habitat maintenance;  
3 and

4           “(D) improving recreational access to the  
5 project vicinity, including roads, trails, boat in-  
6 gress and egress, flows to improve recreation,  
7 and infrastructure that improves river recre-  
8 ation opportunity.

9           “(c) LIMITATIONS.—

10           “(1) COSTS.—Incentive payments under this  
11 section shall not exceed 30 percent of the costs of  
12 the applicable capital improvement.

13           “(2) MAXIMUM AMOUNT.—Not more than 1 in-  
14 centive payment may be made under this section  
15 with respect to capital improvements at a single  
16 qualified hydroelectric facility in any 1 fiscal year,  
17 the amount of which shall not exceed \$5,000,000.

18           “(d) AUTHORIZATION OF APPROPRIATIONS.—There  
19 is authorized to be appropriated to the Secretary to carry  
20 out this section \$553,600,000 for fiscal year 2022, to re-  
21 main available until expended.”.

22           (b) CONFORMING AMENDMENT.—The table of con-  
23 tents for the Energy Policy Act of 2005 (Public Law 109–  
24 58; 119 Stat. 595) is amended by inserting after the item  
25 relating to section 246 the following:

“247. Maintaining and enhancing hydroelectricity incentives.”.

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1 **SEC. 30334. PUMPED STORAGE HYDROPOWER WIND AND**  
2 **SOLAR INTEGRATION AND SYSTEM RELI-**  
3 **ABILITY INITIATIVE.**

4 Section 3201 of the Energy Policy Act of 2020 (42  
5 U.S.C. 17232) is amended—

6 (1) by redesignating subsections (e) through (g)  
7 as subsections (f) through (h), respectively; and

8 (2) by inserting after subsection (d) the fol-  
9 lowing:

10 “(e) PUMPED STORAGE HYDROPOWER WIND AND  
11 SOLAR INTEGRATION AND SYSTEM RELIABILITY INITIA-  
12 TIVE.—

13 “(1) DEFINITION OF ELIGIBLE ENTITY.—In  
14 this subsection, the term ‘eligible entity’ means—

15 “(A)(i) an electric utility, including—

16 “(I) a political subdivision of a State,  
17 such as a municipally owned electric util-  
18 ity; or

19 “(II) an instrumentality of a State  
20 composed of municipally owned electric  
21 utilities;

22 “(ii) an electric cooperative; or

23 “(iii) an investor-owned utility;

24 “(B) an Indian Tribe or Tribal organiza-  
25 tion;

26 “(C) a State energy office;



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1           “(D) an institution of higher education;  
2           and

3           “(E) a consortium of the entities described  
4           in subparagraphs (A) through (D).

5           “(2) DEMONSTRATION PROJECT.—

6           “(A) IN GENERAL.—Not later than Sep-  
7           tember 30, 2023, the Secretary shall, to the  
8           maximum extent practicable, enter into an  
9           agreement with an eligible entity to provide fi-  
10          nancial assistance to the eligible entity to carry  
11          out project design, transmission studies, power  
12          market assessments, and permitting for a  
13          pumped storage hydropower project to facilitate  
14          the long-duration storage of intermittent renew-  
15          able electricity.

16          “(B) PROJECT REQUIREMENTS.—To be el-  
17          igible for financial assistance under subpara-  
18          graph (A), a project shall—

19                 “(i) be designed to provide not less  
20                 than 1,000 megawatts of storage capacity;

21                 “(ii) be able to provide energy and ca-  
22                 pacity for use in more than 1 organized  
23                 electricity market;

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1 “(iii) be able to store electricity gen-  
2 erated by intermittent renewable electricity  
3 projects located on Tribal land; and

4 “(iv) have received a preliminary per-  
5 mit from the Federal Energy Regulatory  
6 Commission.

7 “(C) MATCHING REQUIREMENT.—An eligi-  
8 ble entity receiving financial assistance under  
9 subparagraph (A) shall provide matching funds  
10 equal to or greater than the amount of financial  
11 assistance provided under that subparagraph.

12 “(3) AUTHORIZATION OF APPROPRIATIONS.—  
13 There is authorized to be appropriated to carry out  
14 this subsection \$2,000,000 for each of fiscal years  
15 2022 through 2026.”.

16 **SEC. 30335. AUTHORITY FOR PUMPED STORAGE HYDRO-**  
17 **POWER DEVELOPMENT USING MULTIPLE BU-**  
18 **REAU OF RECLAMATION RESERVOIRS.**

19 Section 9(c) of the Reclamation Project Act of 1939  
20 (43 U.S.C. 485h(c)) is amended—

21 (1) in paragraph (1), in the fourth sentence, by  
22 striking “, including small conduit hydropower devel-  
23 opment” and inserting “and reserve to the Secretary  
24 the exclusive authority to develop small conduit hy-  
25 dropower using Bureau of Reclamation facilities and

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1 pumped storage hydropower exclusively using Bu-  
2 reau of Reclamation reservoirs”; and

3 (2) in paragraph (8), by striking “has been  
4 filed with the Federal Energy Regulatory Commis-  
5 sion as of the date of the enactment of the Bureau  
6 of Reclamation Small Conduit Hydropower Develop-  
7 ment and Rural Jobs Act” and inserting “was filed  
8 with the Federal Energy Regulatory Commission be-  
9 fore August 9, 2013, and is still pending”.

10 **SEC. 30336. LIMITATIONS ON ISSUANCE OF CERTAIN**  
11 **LEASES OF POWER PRIVILEGE.**

12 (a) DEFINITIONS.—In this section:

13 (1) COMMISSION.—The term “Commission”  
14 means the Federal Energy Regulatory Commission.

15 (2) DIRECTOR.—The term “Director” means  
16 the Director of the Office of Hearings and Appeals.

17 (3) OFFICE OF HEARINGS AND APPEALS.—The  
18 term “Office of Hearings and Appeals” means the  
19 Office of Hearings and Appeals of the Department  
20 of the Interior.

21 (4) PARTY.—The term “party”, with respect to  
22 a study plan agreement, means each of the following  
23 parties to the study plan agreement:

24 (A) The proposed lessee.

25 (B) The Tribes.

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1 (5) PROJECT.—The term “project” means a  
2 proposed pumped storage facility that—

3 (A) would use multiple Bureau of Rec-  
4 lamation reservoirs; and

5 (B) as of June 1, 2017, was subject to a  
6 preliminary permit issued by the Commission  
7 pursuant to section 4(f) of the Federal Power  
8 Act (16 U.S.C. 797(f)).

9 (6) PROPOSED LESSEE.—The term “proposed  
10 lessee” means the proposed lessee of a project.

11 (7) SECRETARY.—The term “Secretary” means  
12 the Secretary of the Interior.

13 (8) STUDY PLAN.—The term “study plan”  
14 means the plan described in subsection (d)(1).

15 (9) STUDY PLAN AGREEMENT.—The term  
16 “study plan agreement” means an agreement en-  
17 tered into under subsection (b)(1) and described in  
18 subsection (c).

19 (10) TRIBES.—The term “Tribes” means—

20 (A) the Confederated Tribes of the Colville  
21 Reservation; and

22 (B) the Spokane Tribe of Indians of the  
23 Spokane Reservation.

24 (b) REQUIREMENT FOR ISSUANCE OF LEASES OF  
25 POWER PRIVILEGE.—The Secretary shall not issue a lease

1 of power privilege pursuant to section 9(c)(1) of the Rec-  
2 lamation Project Act of 1939 (43 U.S.C. 485h(c)(1)) (as  
3 amended by section 30335) for a project unless—

4 (1) the proposed lessee and the Tribes have en-  
5 tered into a study plan agreement; or

6 (2) the Secretary or the Director, as applicable,  
7 makes a final determination for—

8 (A) a study plan agreement under sub-  
9 section (c)(2); or

10 (B) a study plan under subsection (d).

11 (c) STUDY PLAN AGREEMENT REQUIREMENTS.—

12 (1) IN GENERAL.—A study plan agreement  
13 shall—

14 (A) establish the deadlines for the pro-  
15 posed lessee to formally respond in writing to  
16 comments and study requests about the project  
17 previously submitted to the Commission;

18 (B) allow for the parties to submit addi-  
19 tional comments and study requests if any as-  
20 pect of the project, as proposed, differs from an  
21 aspect of the project, as described in a  
22 preapplication document provided to the Com-  
23 mission;

24 (C) except as expressly agreed to by the  
25 parties or as provided in paragraph (2) or sub-

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1 section (d), require that the proposed lessee  
2 conduct each study described in—

3 (i) a study request about the project  
4 previously submitted to the Commission; or

5 (ii) any additional study request sub-  
6 mitted in accordance with the study plan  
7 agreement;

8 (D) require that the proposed lessee study  
9 any potential adverse economic effects of the  
10 project on the Tribes, including effects on—

11 (i) annual payments to the Confed-  
12 erated Tribes of the Colville Reservation  
13 under section 5(b) of the Confederated  
14 Tribes of the Colville Reservation Grand  
15 Coulee Dam Settlement Act (Public Law  
16 103–436; 108 Stat. 4579); and

17 (ii) annual payments to the Spokane  
18 Tribe of Indians of the Spokane Reserva-  
19 tion authorized after the date of enactment  
20 of this Act, the amount of which derives  
21 from the annual payments described in  
22 clause (i);

23 (E) establish a protocol for communication  
24 and consultation between the parties;

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1 (F) provide mechanisms for resolving dis-  
2 putes between the parties regarding implemen-  
3 tation and enforcement of the study plan agree-  
4 ment; and

5 (G) contain other provisions determined to  
6 be appropriate by the parties.

7 (2) DISPUTES.—

8 (A) IN GENERAL.—If the parties cannot  
9 agree to the terms of a study plan agreement  
10 or implementation of those terms, the parties  
11 shall submit to the Director, for final deter-  
12 mination on the terms or implementation of the  
13 study plan agreement, notice of the dispute,  
14 consistent with paragraph (1)(F), to the extent  
15 the parties have agreed to a study plan agree-  
16 ment.

17 (B) INCLUSION.—A dispute covered by  
18 subparagraph (A) may include the view of a  
19 proposed lessee that an additional study request  
20 submitted in accordance with paragraph (1)(B)  
21 is not reasonably calculated to assist the Sec-  
22 retary in evaluating the potential impacts of the  
23 project.

24 (C) TIMING.—The Director shall issue a  
25 determination regarding a dispute under sub-

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1 paragraph (A) not later than 120 days after the  
2 date on which the Director receives notice of  
3 the dispute under that subparagraph.

4 (d) STUDY PLAN.—

5 (1) IN GENERAL.—The proposed lessee shall  
6 submit to the Secretary for approval a study plan  
7 that details the proposed methodology for per-  
8 forming each of the studies—

9 (A) identified in the study plan agreement  
10 of the proposed lessee; or

11 (B) determined by the Director in a final  
12 determination regarding a dispute under sub-  
13 section (c)(2).

14 (2) INITIAL DETERMINATION.—Not later than  
15 60 days after the date on which the Secretary re-  
16 ceives the study plan under paragraph (1), the Sec-  
17 retary shall make an initial determination that—

18 (A) approves the study plan;

19 (B) rejects the study plan on the grounds  
20 that the study plan—

21 (i) lacks sufficient detail on a pro-  
22 posed methodology for a study identified in  
23 the study plan agreement; or

24 (ii) is inconsistent with the study plan  
25 agreement; or



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1 (C) imposes additional study plan require-  
2 ments that the Secretary determines are nec-  
3 essary to adequately define the potential effects  
4 of the project on—

5 (i) the exercise of the paramount  
6 hunting, fishing, and boating rights of the  
7 Tribes reserved pursuant to the Act of  
8 June 29, 1940 (54 Stat. 703, chapter 460;  
9 16 U.S.C. 835d et seq.);

10 (ii) the annual payments described in  
11 clauses (i) and (ii) of subsection (c)(1)(D);

12 (iii) the Columbia Basin project (as  
13 defined in section 1 of the Act of May 27,  
14 1937 (50 Stat. 208, chapter 269; 57 Stat.  
15 14, chapter 14; 16 U.S.C. 835));

16 (iv) historic properties and cultural or  
17 spiritually significant resources; and

18 (v) the environment.

19 (3) OBJECTIONS.—

20 (A) IN GENERAL.—Not later than 30 days  
21 after the date on which the Secretary makes an  
22 initial determination under paragraph (2), the  
23 Tribes or the proposed lessee may submit to the  
24 Director an objection to the initial determina-  
25 tion.

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1 (B) FINAL DETERMINATION.—Not later  
2 than 120 days after the date on which the Di-  
3 rector receives an objection under subparagraph  
4 (A), the Director shall—

5 (i) hold a hearing on the record re-  
6 garding the objection; and

7 (ii) make a final determination that  
8 establishes the study plan, including a de-  
9 scription of studies the proposed lessee is  
10 required to perform.

11 (4) NO OBJECTIONS.—If no objections are sub-  
12 mitted by the deadline described in paragraph  
13 (3)(A), the initial determination of the Secretary  
14 under paragraph (2) shall be final.

15 (e) CONDITIONS OF LEASE.—

16 (1) CONSISTENCY WITH RIGHTS OF TRIBES;  
17 PROTECTION, MITIGATION, AND ENHANCEMENT OF  
18 FISH AND WILDLIFE.—

19 (A) IN GENERAL.—Any lease of power  
20 privilege issued by the Secretary for a project  
21 under subsection (b) shall contain conditions—

22 (i) to ensure that the project is con-  
23 sistent with, and will not interfere with,  
24 the exercise of the paramount hunting,  
25 fishing, and boating rights of the Tribes

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1 reserved pursuant to the Act of June 29,  
2 1940 (54 Stat. 703, chapter 460; 16  
3 U.S.C. 835d et seq.); and

4 (ii) to adequately and equitably pro-  
5 tect, mitigate damages to, and enhance  
6 fish and wildlife, including related spawn-  
7 ing grounds and habitat, affected by the  
8 development, operation, and management  
9 of the project.

10 (B) RECOMMENDATIONS OF THE  
11 TRIBES.—The conditions required under sub-  
12 paragraph (A) shall be based on joint rec-  
13 ommendations of the Tribes.

14 (C) RESOLVING INCONSISTENCIES.—

15 (i) IN GENERAL.—If the Secretary de-  
16 termines that any recommendation of the  
17 Tribes under subparagraph (B) is not rea-  
18 sonably calculated to ensure the project is  
19 consistent with subparagraph (A) or is in-  
20 consistent with the requirements of the  
21 Reclamation Project Act of 1939 (43  
22 U.S.C. 485 et seq.), the Secretary shall at-  
23 tempt to resolve any such inconsistency  
24 with the Tribes, giving due weight to the

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1 recommendations and expertise of the  
2 Tribes.

3 (ii) PUBLICATION OF FINDINGS.—If,  
4 after an attempt to resolve an inconsis-  
5 tency under clause (i), the Secretary does  
6 not adopt in whole or in part a rec-  
7 ommendation of the Tribes under subpara-  
8 graph (B), the Secretary shall issue each  
9 of the following findings, including a state-  
10 ment of the basis for each of the findings:

11 (I) A finding that adoption of the  
12 recommendation is inconsistent with  
13 the requirements of the Reclamation  
14 Project Act of 1939 (43 U.S.C. 485 et  
15 seq.).

16 (II) A finding that the conditions  
17 selected by the Secretary to be con-  
18 tained in the lease of power privilege  
19 under subparagraph (A) comply with  
20 the requirements of clauses (i) and  
21 (ii) of that subparagraph.

22 (2) ANNUAL CHARGES PAYABLE BY LI-  
23 CENSEE.—

24 (A) IN GENERAL.—Subject to subpara-  
25 graph (B), any lease of power privilege issued

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1 by the Secretary for a project under subsection  
2 (b) shall contain conditions that require the les-  
3 see of the project to make direct payments to  
4 the Tribes through reasonable annual charges  
5 in an amount that recompenses the Tribes for  
6 any adverse economic effect of the project iden-  
7 tified in a study performed pursuant to the  
8 study plan agreement for the project.

9 (B) AGREEMENT.—

10 (i) IN GENERAL.—The amount of the  
11 annual charges described in subparagraph  
12 (A) shall be established through agreement  
13 between the proposed lessee and the  
14 Tribes.

15 (ii) CONDITION.—The agreement  
16 under clause (i), including any modifica-  
17 tion of the agreement, shall be deemed to  
18 be a condition to the lease of power privi-  
19 lege issued by the Secretary for a project  
20 under subsection (b).

21 (C) DISPUTE RESOLUTION.—

22 (i) IN GENERAL.—If the proposed les-  
23 see and the Tribes cannot agree to the  
24 terms of an agreement under subpara-  
25 graph (B)(i), the proposed lessee and the

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1 Tribes shall submit notice of the dispute to  
2 the Director.

3 (ii) RESOLUTION.—The Director shall  
4 resolve the dispute described in clause (i)  
5 not later than 180 days after the date on  
6 which the Director receives notice of the  
7 dispute under that clause.

8 (3) ADDITIONAL CONDITIONS.—The Secretary  
9 may include in any lease of power privilege issued by  
10 the Secretary for a project under subsection (b)  
11 other conditions determined appropriate by the Sec-  
12 retary, on the condition that the conditions shall be  
13 consistent with the Reclamation Project Act of 1939  
14 (43 U.S.C. 485 et seq.).

15 (4) CONSULTATION.—In establishing conditions  
16 under this subsection, the Secretary shall consult  
17 with the Tribes.

18 (f) DEADLINES.—The Secretary or any officer of the  
19 Office of Hearing and Appeals before whom a proceeding  
20 is pending under this section may extend any deadline or  
21 enlarge any timeframe described in this section—

22 (1) at the discretion of the Secretary or the of-  
23 ficer; or

24 (2) on a showing of good cause by any party.

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1 (g) JUDICIAL REVIEW.—Any final action of the Sec-  
2 retary or the Director made pursuant to this section shall  
3 be subject to judicial review in accordance with chapter  
4 7 of title 5, United States Code.

5 (h) EFFECT ON OTHER PROJECTS.—Nothing in this  
6 section establishes any precedent or is binding on any Bu-  
7 reau of Reclamation lease of power privilege, other than  
8 for a project.

## 9 **Subtitle E—Miscellaneous**

### 10 **SEC. 30341. SOLAR ENERGY TECHNOLOGIES ON CURRENT** 11 **AND FORMER MINE LAND.**

12 Section 3004 of the Energy Act of 2020 (42 U.S.C.  
13 16238) is amended—

14 (1) in subsection (a)—

15 (A) by redesignating paragraphs (6)  
16 through (15) as paragraphs (7) through (16),  
17 respectively; and

18 (B) by inserting after paragraph (5) the  
19 following:

20 “(6) MINE LAND.—The term ‘mine land’  
21 means—

22 “(A) land subject to titles IV and V of the  
23 Surface Mining Control and Reclamation Act of  
24 1977 (30 U.S.C. 1231 et seq.; 30 U.S.C. 1251  
25 et seq.); and

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1           “(B) land that has been claimed or pat-  
2           ented subject to sections 2319 through 2344 of  
3           the Revised Statutes (commonly known as the  
4           ‘Mining Law of 1872’) (30 U.S.C. 22 et seq.)”;  
5           and

6           (2) in subsection (b)(6)(B)—

7           (A) in the matter preceding clause (i), by  
8           inserting “, in consultation with the Secretary  
9           of the Interior and the Administrator of the  
10          Environmental Protection Agency for purposes  
11          of clause (iv),” after “the Secretary”;

12          (B) in clause (iii), by striking “and” after  
13          the semicolon;

14          (C) by redesignating clause (iv) as clause  
15          (v); and

16          (D) by inserting after clause (iii) the fol-  
17          lowing:

18                 “(iv) a description of the technical  
19                 and economic viability of siting solar en-  
20                 ergy technologies on current and former  
21                 mine land, including necessary interconnec-  
22                 tion and transmission siting and the im-  
23                 pact on local job creation; and”.



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1 **SEC. 30342. CLEAN ENERGY DEMONSTRATION PROGRAM**  
2 **ON CURRENT AND FORMER MINE LAND.**

3 (a) DEFINITIONS.—In this section:

4 (1) CLEAN ENERGY PROJECT.—The term  
5 “clean energy project” means a project that dem-  
6 onstrates 1 or more of the following technologies:

7 (A) Solar.

8 (B) Micro-grids.

9 (C) Geothermal.

10 (D) Direct air capture.

11 (E) Fossil-fueled electricity generation with  
12 carbon capture, utilization, and sequestration.

13 (F) Energy storage, including pumped  
14 storage hydropower and compressed air storage.

15 (G) Advanced nuclear technologies.

16 (2) ECONOMICALLY DISTRESSED AREA.—The  
17 term “economically distressed area” means an area  
18 described in section 301(a) of the Public Works and  
19 Economic Development Act of 1965 (42 U.S.C.  
20 3161(a)).

21 (3) MINE LAND.—The term “mine land”  
22 means—

23 (A) land subject to titles IV and V of the  
24 Surface Mining Control and Reclamation Act of  
25 1977 (30 U.S.C. 1231 et seq.; 30 U.S.C. 1251  
26 et seq.); and

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1 (B) land that has been claimed or patented  
2 subject to sections 2319 through 2344 of the  
3 Revised Statutes (commonly known as the  
4 “Mining Law of 1872”) (30 U.S.C. 22 et seq.).

5 (4) PROGRAM.—The term “program” means  
6 the demonstration program established under sub-  
7 section (b).

8 (b) ESTABLISHMENT.—The Secretary shall establish  
9 a program to demonstrate the technical and economic via-  
10 bility of carrying out clean energy projects on current and  
11 former mine land.

12 (c) SELECTION OF DEMONSTRATION PROJECTS.—

13 (1) IN GENERAL.—In carrying out the program,  
14 the Secretary shall select not more than 5 clean en-  
15 ergy projects, to be carried out in geographically di-  
16 verse regions, at least 2 of which shall be solar  
17 projects.

18 (2) ELIGIBILITY.—To be eligible to be selected  
19 for participation in the program under paragraph  
20 (1), a clean energy project shall demonstrate, as de-  
21 termined by the Secretary, a technology on a current  
22 or former mine land site with a reasonable expecta-  
23 tion of commercial viability.

24 (3) PRIORITY.—In selecting clean energy  
25 projects for participation in the program under

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1 paragraph (1), the Secretary shall prioritize clean  
2 energy projects that will—

3 (A) be carried out in a location where the  
4 greatest number of jobs can be created from the  
5 successful demonstration of the clean energy  
6 project;

7 (B) provide the greatest net impact in  
8 avoiding or reducing greenhouse gas emissions;

9 (C) provide the greatest domestic job cre-  
10 ation (both directly and indirectly) during the  
11 implementation of the clean energy project;

12 (D) provide the greatest job creation and  
13 economic development in the vicinity of the  
14 clean energy project, particularly—

15 (i) in economically distressed areas;

16 and

17 (ii) with respect to dislocated workers  
18 who were previously employed in manufac-  
19 turing, coal power plants, or coal mining;

20 (E) have the greatest potential for techno-  
21 logical innovation and commercial deployment;

22 (F) have the lowest levelized cost of gen-  
23 erated or stored energy;

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1 (G) have the lowest rate of greenhouse gas  
2 emissions per unit of electricity generated or  
3 stored; and

4 (H) have the shortest project time from  
5 permitting to completion.

6 (4) PROJECT SELECTION.—The Secretary shall  
7 solicit proposals for clean energy projects and select  
8 clean energy project finalists in consultation with the  
9 Secretary of the Interior, the Administrator of the  
10 Environmental Protection Agency, and the Secretary  
11 of Labor.

12 (5) COMPATIBILITY WITH EXISTING OPER-  
13 ATIONS.—Prior to selecting a clean energy project  
14 for participation in the program under paragraph  
15 (1), the Secretary shall consult with, as applicable,  
16 mining claimholders or operators or the relevant Of-  
17 fice of Surface Mining Reclamation and Enforce-  
18 ment Abandoned Mine Land program office to con-  
19 firm—

20 (A) that the proposed project is compatible  
21 with any current mining, exploration, or rec-  
22 lamation activities; and

23 (B) the valid existing rights of any mining  
24 claimholders or operators.

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1 (d) CONSULTATION.—The Secretary shall consult  
2 with the Director of the Office of Surface Mining Rec-  
3 lamation and Enforcement and the Administrator of the  
4 Environmental Protection Agency, acting through the Of-  
5 fice of Brownfields and Land Revitalization, to determine  
6 whether it is necessary to promulgate regulations or issue  
7 guidance in order to prioritize and expedite the siting of  
8 clean energy projects on current and former mine land  
9 sites.

10 (e) TECHNICAL ASSISTANCE.—The Secretary shall  
11 provide technical assistance to project applicants selected  
12 for participation in the program under subsection (c) to  
13 assess the needed interconnection, transmission, and other  
14 grid components and permitting and siting necessary to  
15 interconnect, on current and former mine land where the  
16 project will be sited, any generation or storage with the  
17 electric grid.

18 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
19 authorized to be appropriated to the Secretary to carry  
20 out this section \$500,000,000 for the period of fiscal years  
21 2022 through 2026.

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1 **SEC. 30343. LEASES, EASEMENTS, AND RIGHTS-OF-WAY FOR**  
2 **ENERGY AND RELATED PURPOSES ON THE**  
3 **OUTER CONTINENTAL SHELF.**

4 Section 8(p)(1)(C) of the Outer Continental Shelf  
5 Lands Act (43 U.S.C. 1337(p)(1)(C)) is amended by in-  
6 serting “storage,” before “or transmission”.

7 **TITLE IV—ENABLING ENERGY**  
8 **INFRASTRUCTURE INVEST-**  
9 **MENT AND DATA COLLEC-**  
10 **TION**

11 **Subtitle A—Department of Energy**  
12 **Loan Program**

13 **SEC. 30401. DEPARTMENT OF ENERGY LOAN PROGRAMS.**

14 (a) TITLE XVII INNOVATIVE ENERGY LOAN GUAR-  
15 ANTEE PROGRAM.—

16 (1) REASONABLE PROSPECT OF REPAYMENT.—

17 Section 1702(d)(1) of the Energy Policy Act of 2005  
18 (42 U.S.C. 16512(d)(1)) is amended—

19 (A) by striking the paragraph designation  
20 and heading and all that follows through “No  
21 guarantee” and inserting the following:

22 “(1) REQUIREMENT.—

23 “(A) IN GENERAL.—No guarantee”; and

24 (B) by adding at the end the following:

25 “(B) REASONABLE PROSPECT OF REPAY-  
26 MENT.—The Secretary shall base a determina-

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1           tion of whether there is reasonable prospect of  
2           repayment under subparagraph (A) on a com-  
3           prehensive evaluation of whether the borrower  
4           has a reasonable prospect of repaying the guar-  
5           anteed obligation for the eligible project, includ-  
6           ing, as applicable, an evaluation of—

7                   “(i) the strength of the contractual  
8                   terms of the eligible project (if commer-  
9                   cially reasonably available);

10                   “(ii) the forecast of noncontractual  
11                   cash flows supported by market projections  
12                   from reputable sources, as determined by  
13                   the Secretary;

14                   “(iii) cash sweeps and other structure  
15                   enhancements;

16                   “(iv) the projected financial strength  
17                   of the borrower—

18                           “(I) at the time of loan close;

19                           and

20                           “(II) throughout the loan term  
21                           after the project is completed;

22                   “(v) the financial strength of the in-  
23                   vestors and strategic partners of the bor-  
24                   rower, if applicable; and

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1           “(vi) other financial metrics and anal-  
2           yses that are relied on by the private lend-  
3           ing community and nationally recognized  
4           credit rating agencies, as determined ap-  
5           propriate by the Secretary.”.

6           (2) LOAN GUARANTEES FOR PROJECTS THAT  
7           INCREASE THE DOMESTICALLY PRODUCED SUPPLY  
8           OF CRITICAL MINERALS.—

9           (A) IN GENERAL.—Section 1703(b) of the  
10          Energy Policy Act of 2005 (42 U.S.C.  
11          16513(b)) is amended by adding at the end the  
12          following:

13          “(13) Projects that increase the domestically  
14          produced supply of critical minerals (as defined in  
15          section 7002(a) of the Energy Act of 2020 (30  
16          U.S.C. 1606(a)), including through the production,  
17          processing, manufacturing, recycling, or fabrication  
18          of mineral alternatives.”.

19          (B) PROHIBITION ON USE OF PREVIOUSLY  
20          APPROPRIATED FUNDS.—Amounts appropriated  
21          to the Department of Energy before the date of  
22          enactment of this Act shall not be made avail-  
23          able for the cost of loan guarantees made under  
24          paragraph (13) of section 1703(b) of the En-  
25          ergy Policy Act of 2005 (42 U.S.C. 16513(b)).



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1 (C) PROHIBITION ON USE OF PREVIOUSLY  
2 AVAILABLE COMMITMENT AUTHORITY.—  
3 Amounts made available to the Department of  
4 Energy for commitments to guarantee loans  
5 under section 1703 of the Energy Policy Act of  
6 2005 (42 U.S.C. 16513) before the date of en-  
7 actment of this Act shall not be made available  
8 for commitments to guarantee loans for projects  
9 described in paragraph (13) of section 1703(b)  
10 of the Energy Policy Act of 2005 (42 U.S.C.  
11 16513(b)).

12 (3) CONFLICTS OF INTEREST.—Section 1702 of  
13 the Energy Policy Act of 2005 (42 U.S.C. 16512)  
14 is amended by adding at the end the following:

15 “(r) CONFLICTS OF INTEREST.—For each project se-  
16 lected for a guarantee under this title, the Secretary shall  
17 certify that political influence did not impact the selection  
18 of the project.”.

19 (b) ADVANCED TECHNOLOGY VEHICLE MANUFAC-  
20 TURING.—

21 (1) ELIGIBILITY.—Section 136(a)(1) of the En-  
22 ergy Independence and Security Act of 2007 (42  
23 U.S.C. 17013(a)(1)) is amended—

24 (A) in subparagraph (C), by striking the  
25 period at the end and inserting a semicolon;

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1 (B) by redesignating subparagraphs (A)  
2 through (C) as clauses (i) through (iii), respec-  
3 tively, and indenting appropriately;

4 (C) in the matter preceding clause (i) (as  
5 so redesignated), by striking “means an ultra”  
6 and inserting the following: “means—

7 “(A) an ultra”; and

8 (D) by adding at the end the following:

9 “(B) a medium duty vehicle or a heavy  
10 duty vehicle that exceeds 125 percent of the  
11 greenhouse gas emissions and fuel efficiency  
12 standards established by the final rule of the  
13 Environmental Protection Agency entitled  
14 ‘Greenhouse Gas Emissions and Fuel Efficiency  
15 Standards for Medium- and Heavy-Duty En-  
16 gines and Vehicles—Phase 2’ (81 Fed. Reg.  
17 73478 (October 25, 2016));

18 “(C) a train or locomotive;

19 “(D) a maritime vessel;

20 “(E) an aircraft; and

21 “(F) hyperloop technology.”.

22 (2) REASONABLE PROSPECT OF REPAYMENT.—  
23 Section 136(d) of the Energy Independence and Se-  
24 curity Act of 2007 (42 U.S.C. 17013(d)) is amend-  
25 ed—

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1 (A) by striking paragraph (3) and insert-  
2 ing the following:

3 “(3) SELECTION OF ELIGIBLE PROJECTS.—

4 “(A) IN GENERAL.—The Secretary shall  
5 select eligible projects to receive loans under  
6 this subsection if the Secretary determines  
7 that—

8 “(i) the loan recipient—

9 “(I) has a reasonable prospect of  
10 repaying the principal and interest on  
11 the loan;

12 “(II) will provide sufficient infor-  
13 mation to the Secretary for the Sec-  
14 retary to ensure that the qualified in-  
15 vestment is expended efficiently and  
16 effectively; and

17 “(III) has met such other criteria  
18 as may be established and published  
19 by the Secretary; and

20 “(ii) the amount of the loan (when  
21 combined with amounts available to the  
22 loan recipient from other sources) will be  
23 sufficient to carry out the project.

24 “(B) REASONABLE PROSPECT OF REPAY-  
25 MENT.—The Secretary shall base a determina-

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1           tion of whether there is a reasonable prospect  
2           of repayment of the principal and interest on a  
3           loan under subparagraph (A)(i)(I) on a com-  
4           prehensive evaluation of whether the loan re-  
5           cipient has a reasonable prospect of repaying  
6           the principal and interest, including, as applica-  
7           ble, an evaluation of—

8                   “(i) the strength of the contractual  
9                   terms of the eligible project (if commer-  
10                  cially reasonably available);

11                  “(ii) the forecast of noncontractual  
12                  cash flows supported by market projections  
13                  from reputable sources, as determined by  
14                  the Secretary;

15                  “(iii) cash sweeps and other structure  
16                  enhancements;

17                  “(iv) the projected financial strength  
18                  of the loan recipient—

19                          “(I) at the time of loan close;  
20                          and

21                          “(II) throughout the loan term  
22                          after the project is completed;

23                          “(v) the financial strength of the in-  
24                          vestors and strategic partners of the loan  
25                          recipient, if applicable; and

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1 “(vi) other financial metrics and anal-  
2 yses that are relied on by the private lend-  
3 ing community and nationally recognized  
4 credit rating agencies, as determined ap-  
5 propriate by the Secretary.”; and

6 (B) in paragraph (4)—

7 (i) in subparagraph (C), by striking  
8 “and” after the semicolon;

9 (ii) in subparagraph (D), by striking  
10 the period at the end and inserting “;  
11 and”; and

12 (iii) by adding at the end the fol-  
13 lowing:

14 “(E) shall be subject to the condition that  
15 the loan is not subordinate to other financing.”.

16 (3) ADDITIONAL REFORMS.—Section 136 of the  
17 Energy Independence and Security Act of 2007 (42  
18 U.S.C. 17013) is amended—

19 (A) in subsection (b) by striking “ultra ef-  
20 ficient vehicle manufacturers, and component  
21 suppliers” and inserting “ultra efficient vehicle  
22 manufacturers, advanced technology vehicle  
23 manufacturers, and component suppliers”;

24 (B) in subsection (h)—

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1 (i) in the subsection heading, by strik-  
2 ing “AUTOMOBILE” and inserting “AD-  
3 VANCED TECHNOLOGY VEHICLE”; and

4 (ii) in paragraph (1)(B), by striking  
5 “automobiles, or components of auto-  
6 mobiles” and inserting “advanced tech-  
7 nology vehicles, or components of advanced  
8 technology vehicles”;

9 (C) by striking subsection (i);

10 (D) by redesignating subsection (j) as sub-  
11 section (i); and

12 (E) by adding at the end the following:

13 “(j) COORDINATION.—In carrying out this section,  
14 the Secretary shall coordinate with relevant vehicle, bio-  
15 energy, and hydrogen and fuel cell demonstration project  
16 activities supported by the Department.

17 “(k) OUTREACH.—In carrying out this section, the  
18 Secretary shall—

19 “(1) provide assistance with the completion of  
20 applications for awards or loans under this section;  
21 and

22 “(2) conduct outreach, including through con-  
23 ferences and online programs, to disseminate infor-  
24 mation on awards and loans under this section to  
25 potential applicants.

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1       “(l) PROHIBITION ON USE OF APPROPRIATED  
2 FUNDS.—Amounts appropriated to the Secretary before  
3 the date of enactment of this subsection shall not be avail-  
4 able to the Secretary to provide awards under subsection  
5 (b) or loans under subsection (d) for the costs of activities  
6 that were not eligible for those awards or loans on the  
7 day before that date.

8       “(m) REPORT.—Not later than 2 years after the date  
9 of enactment of this subsection, and every 3 years there-  
10 after, the Secretary shall submit to Congress a report on  
11 the status of projects supported by a loan under this sec-  
12 tion, including—

13               “(1) a list of projects receiving a loan under  
14 this section, including the loan amount and con-  
15 struction status of each project;

16               “(2) the status of the loan repayment for each  
17 project, including future repayment projections;

18               “(3) data regarding the number of direct and  
19 indirect jobs retained, restored, or created by fi-  
20 nanced projects;

21               “(4) the number of new projects projected to  
22 receive a loan under this section in the next 2 years,  
23 including the projected aggregate loan amount over  
24 the next 2 years;

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1           “(5) evaluation of ongoing compliance with the  
2           assurances and commitments, and of the predictions,  
3           made by applicants pursuant to paragraphs (2) and  
4           (3) of subsection (d);

5           “(6) the total number of applications received  
6           by the Department each year; and

7           “(7) any other metrics the Secretary determines  
8           appropriate.”.

9           (4) CONFLICTS OF INTEREST.—Section 136(d)  
10          of the Energy Independence and Security Act of  
11          2007 (42 U.S.C. 17013(d)) is amended by adding at  
12          the end the following:

13          “(5) CONFLICTS OF INTEREST.—For each eligi-  
14          ble project selected to receive a loan under this sub-  
15          section, the Secretary shall certify that political in-  
16          fluence did not impact the selection of the eligible  
17          project.”.

18          (c) STATE LOAN ELIGIBILITY.—

19          (1) DEFINITIONS.—Section 1701 of the Energy  
20          Policy Act of 2005 (42 U.S.C. 16511) is amended  
21          by adding at the end the following:

22          “(6) STATE.—The term ‘State’ has the mean-  
23          ing given the term in section 202 of the Energy  
24          Conservation and Production Act (42 U.S.C. 6802).



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1           “(7) STATE ENERGY FINANCING INSTITU-  
2           TION.—

3           “(A) IN GENERAL.—The term ‘State en-  
4           ergy financing institution’ means a quasi-inde-  
5           pendent entity or an entity within a State agen-  
6           cy or financing authority established by a  
7           State—

8                   “(i) to provide financing support or  
9                   credit enhancements, including loan guar-  
10                  antees and loan loss reserves, for eligible  
11                  projects; and

12                  “(ii) to create liquid markets for eligi-  
13                  ble projects, including warehousing and  
14                  securitization, or take other steps to reduce  
15                  financial barriers to the deployment of ex-  
16                  isting and new eligible projects.

17           “(B) INCLUSION.—The term ‘State energy  
18           financing institution’ includes an entity or orga-  
19           nization established to achieve the purposes de-  
20           scribed in clauses (i) and (ii) of subparagraph  
21           (A) by an Indian Tribal entity or an Alaska  
22           Native Corporation.”.

23           (2) TERMS AND CONDITIONS.—Section 1702 of  
24           the Energy Policy Act of 2005 (42 U.S.C. 16512)  
25           is amended—

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1 (A) in subsection (a), by inserting “, in-  
2 cluding projects receiving financial support or  
3 credit enhancements from a State energy fi-  
4 nancing institution,” after “for projects”;

5 (B) in subsection (d)(1), by inserting “, in-  
6 cluding a guarantee for a project receiving fi-  
7 nancial support or credit enhancements from a  
8 State energy financing institution,” after “No  
9 guarantee”; and

10 (C) by adding at the end the following:

11 “(r) STATE ENERGY FINANCING INSTITUTIONS.—

12 “(1) ELIGIBILITY.—To be eligible for a guar-  
13 antee under this title, a project receiving financial  
14 support or credit enhancements from a State energy  
15 financing institution—

16 “(A) shall meet the requirements of section  
17 1703(a)(1); and

18 “(B) shall not be required to meet the re-  
19 quirements of section 1703(a)(2).

20 “(2) PARTNERSHIPS AUTHORIZED.—In car-  
21 rying out a project receiving a loan guarantee under  
22 this title, State energy financing institutions may  
23 enter into partnerships with private entities, Tribal  
24 entities, and Alaska Native corporations.

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1           “(3) PROHIBITION ON USE OF APPROPRIATED  
2 FUNDS.—Amounts appropriated to the Department  
3 of Energy before the date of enactment of this sub-  
4 section shall not be available to be used for the cost  
5 of loan guarantees for projects receiving financing  
6 support or credit enhancements under this sub-  
7 section.”.

8           (d) LOAN GUARANTEES FOR CERTAIN ALASKA NAT-  
9 URAL GAS TRANSPORTATION PROJECTS AND SYSTEMS.—  
10 Section 116 of the Alaska Natural Gas Pipeline Act (15  
11 U.S.C. 720n) is amended—

12           (1) in subsection (a)—

13                 (A) in paragraph (1), by striking “to West  
14 Coast States”; and

15                 (B) in paragraph (3), in the second sen-  
16 tence, by striking “to the continental United  
17 States”;

18           (2) in subsection (b)(1), in the first sentence,  
19 by striking “to West Coast States”; and

20           (3) in subsection (g)(4)—

21                 (A) by inserting by striking “plants  
22 liquification plants and” and inserting “plants,  
23 liquification plants, and”;

24                 (B) by striking “to the West Coast”; and

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1 (C) by striking “to the continental United  
2 States”.

3 **Subtitle B—Energy Information**  
4 **Administration**

5 **SEC. 30411. DEFINITIONS.**

6 In this subtitle:

7 (1) ADMINISTRATOR.—The term “Adminis-  
8 trator” means the Administrator of the Energy In-  
9 formation Administration.

10 (2) ANNUAL CRITICAL MINERALS OUTLOOK.—  
11 The term “Annual Critical Minerals Outlook” means  
12 the Annual Critical Minerals Outlook prepared  
13 under section 7002(j)(1)(B) of the Energy Act of  
14 2020 (30 U.S.C. 1606(j)(1)(B)).

15 (3) CRITICAL MINERAL.—The term “critical  
16 mineral” has the meaning given the term in section  
17 7002(a) of the Energy Act of 2020 (30 U.S.C.  
18 1606(a)).

19 (4) HOUSEHOLD ENERGY BURDEN.—The term  
20 “household energy burden” means the quotient ob-  
21 tained by dividing—

22 (A) the residential energy expenditures (as  
23 defined in section 440.3 of title 10, Code of  
24 Federal Regulations (as in effect on the date of

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1 enactment of this Act)) of the applicable house-  
2 hold; by

3 (B) the annual income of that household.

4 (5) HOUSEHOLD WITH A HIGH ENERGY BUR-  
5 DEN.—The term “household with a high energy bur-  
6 den” has the meaning given the term in section  
7 440.3 of title 10, Code of Federal Regulations (as  
8 in effect on the date of enactment of this Act).

9 (6) LARGE MANUFACTURING FACILITY.—The  
10 term “large manufacturing facility” means a manu-  
11 facturing facility that—

12 (A) annually consumes more than 35,000  
13 megawatt-hours of electricity; or

14 (B) has a peak power demand of more  
15 than 10 megawatts.

16 (7) LOAD-SERVING ENTITY.—The term “load-  
17 serving entity” has the meaning given the term in  
18 section 217(a) of the Federal Power Act (16 U.S.C.  
19 824q(a)).

20 (8) MISCELLANEOUS ELECTRIC LOAD.—The  
21 term “miscellaneous electric load” means electricity  
22 that—

23 (A) is used by an appliance or device—

24 (i) within a building; or

25 (ii) to serve a building; and

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1 (B) is not used for heating, ventilation, air  
2 conditioning, lighting, water heating, or refrig-  
3 eration.

4 (9) REGIONAL TRANSMISSION ORGANIZATION.—  
5 The term “Regional Transmission Organization”  
6 has the meaning given the term in section 3 of the  
7 Federal Power Act (16 U.S.C. 796).

8 (10) RURAL AREA.—The term “rural area” has  
9 the meaning given the term in section 609(a) of the  
10 Public Utility Regulatory Policies Act of 1978 (7  
11 U.S.C. 918c(a)).

12 **SEC. 30412. DATA COLLECTION IN THE ELECTRICITY SEC-**  
13 **TOR.**

14 (a) DASHBOARD.—

15 (1) ESTABLISHMENT.—

16 (A) IN GENERAL.—Not later than 90 days  
17 after the date of enactment of this Act, the Ad-  
18 ministrator shall establish an online database to  
19 track the operation of the bulk power system in  
20 the contiguous 48 States (referred to in this  
21 section as the “Dashboard”).

22 (B) IMPROVEMENT OF EXISTING DASH-  
23 BOARD.—The Dashboard may be established  
24 through the improvement, in accordance with

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1 this subsection, of an existing dashboard of the  
2 Energy Information Administration, such as—

3 (i) the U.S. Electric System Oper-  
4 ating Data dashboard; or

5 (ii) the Hourly Electric Grid Monitor.

6 (2) EXPANSION.—

7 (A) IN GENERAL.—Not later than 1 year  
8 after the date of enactment of this Act, the Ad-  
9 ministrator shall expand the Dashboard to in-  
10 clude, to the maximum extent practicable, hour-  
11 ly operating data collected from the electricity  
12 balancing authorities that operate the bulk  
13 power system in all of the several States, each  
14 territory of the United States, and the District  
15 of Columbia.

16 (B) TYPES OF DATA.—The hourly oper-  
17 ating data collected under subparagraph (A)  
18 may include data relating to—

19 (i) total electricity demand;

20 (ii) electricity demand by subregion;

21 (iii) short-term electricity demand  
22 forecasts;

23 (iv) total electricity generation;

24 (v) net electricity generation by fuel  
25 type, including renewables;

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- 1 (vi) electricity stored and discharged;  
2 (vii) total net electricity interchange;  
3 (viii) electricity interchange with di-  
4 rectly interconnected balancing authorities;  
5 and  
6 (ix) where available, the estimated  
7 marginal greenhouse gas emissions per  
8 megawatt hour of electricity generated—  
9 (I) within the metered boundaries  
10 of each balancing authority; and  
11 (II) for each pricing node.

12 (b) MIX OF ENERGY SOURCES.—

13 (1) IN GENERAL.—Not later than 1 year after  
14 the date of enactment of this Act, the Administrator  
15 shall establish, in accordance with section 30419 and  
16 this subsection and to the extent the Administrator  
17 determines to be appropriate, a system to harmonize  
18 the operating data on electricity generation collected  
19 under subsection (a) with—

20 (A) measurements of greenhouse gas and  
21 other pollutant emissions collected by the Envi-  
22 ronmental Protection Agency;

23 (B) other data collected by the Environ-  
24 mental Protection Agency or other relevant



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1 Federal agencies, as the Administrator deter-  
2 mines to be appropriate; and

3 (C) data collected by State or regional en-  
4 ergy credit registries.

5 (2) OUTCOMES.—The system established under  
6 paragraph (1) shall result in an integrated dataset  
7 that includes, for any given time—

8 (A) the net generation of electricity by  
9 megawatt hour within the metered boundaries  
10 of each balancing authority; and

11 (B) where available, the average and mar-  
12 ginal greenhouse gas emissions by megawatt  
13 hour of electricity generated within the metered  
14 boundaries of each balancing authority.

15 (3) REAL-TIME DATA DISSEMINATION.—To the  
16 maximum extent practicable, the system established  
17 under paragraph (1) shall disseminate data—

18 (A) on a real-time basis; and

19 (B) through an application programming  
20 interface that is publicly accessible.

21 (4) COMPLEMENTARY EFFORTS.—The system  
22 established under paragraph (1) shall complement  
23 any existing data dissemination efforts of the Ad-  
24 ministrator that make use of electricity generation  
25 data, such as electricity demand by subregion and

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1 electricity interchange with directly interconnected  
2 balancing authorities.

3 (c) OBSERVED CHARACTERISTICS OF BULK POWER  
4 SYSTEM RESOURCE INTEGRATION.—

5 (1) IN GENERAL.—Not later than 1 year after  
6 the date of enactment of this Act, the Administrator  
7 shall establish a system to provide to the public  
8 timely data on the integration of energy resources  
9 into the bulk power system and the electric distribu-  
10 tion grids in the United States, and the observed ef-  
11 fects of that integration.

12 (2) REQUIREMENTS.—In carrying out para-  
13 graph (1), the Administrator shall seek to improve  
14 the temporal and spatial resolution of data relating  
15 to how grid operations are changing, such as  
16 through—

17 (A) thermal generator cycling to accommo-  
18 date intermittent generation;

19 (B) generation unit self-scheduling prac-  
20 tices;

21 (C) renewable source curtailment;

22 (D) utility-scale storage;

23 (E) load response;

24 (F) aggregations of distributed energy re-  
25 sources at the distribution system level;

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1 (G) power interchange between directly  
2 connected balancing authorities;

3 (H) expanding Regional Transmission Or-  
4 ganization balancing authorities;

5 (I) improvements in real-time—

6 (i) accuracy of locational marginal  
7 prices; and

8 (ii) signals to flexible demand; and

9 (J) disruptions to grid operations, includ-  
10 ing disruptions caused by cyber sources, phys-  
11 ical sources, extreme weather events, or other  
12 sources.

13 (d) DISTRIBUTION SYSTEM OPERATIONS.—

14 (1) IN GENERAL.—Not later than 1 year after  
15 the date of enactment of this Act, the Administrator  
16 shall establish a system to provide to the public  
17 timely data on the operations of load-serving entities  
18 in the electricity grids of the United States.

19 (2) REQUIREMENTS.—

20 (A) IN GENERAL.—In carrying out para-  
21 graph (1), the Administrator shall—

22 (i) not less frequently than annually,  
23 provide data on—

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1 (I) the delivered generation re-  
2 source mix for each load-serving enti-  
3 ty; and

4 (II) the distributed energy re-  
5 sources operating within each service  
6 area of a load-serving entity;

7 (ii) harmonize the data on delivered  
8 generation resource mix described in clause  
9 (i)(I) with measurements of greenhouse  
10 gas emissions collected by the Environ-  
11 mental Protection Agency;

12 (iii) to the maximum extent prac-  
13 ticable, disseminate the data described in  
14 clause (i)(I) and the harmonized data de-  
15 scribed in clause (ii) on a real-time basis;  
16 and

17 (iv) provide historical data, beginning  
18 with the earliest calendar year practicable,  
19 but not later than calendar year 2020, on  
20 the delivered generation resource mix de-  
21 scribed in clause (i)(I).

22 (B) DATA ON THE DELIVERED GENERA-  
23 TION RESOURCE MIX.—In collecting the data  
24 described in subparagraph (A)(i)(I), the Admin-  
25 istrator shall—

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1 (i) use existing voluntary industry  
2 methodologies, including reporting proto-  
3 cols, databases, and emissions and energy  
4 use tracking software that provide con-  
5 sistent, timely, and accessible carbon emis-  
6 sions intensity rates for delivered elec-  
7 tricity;

8 (ii) consider that generation and  
9 transmission entities may provide data on  
10 behalf of load-serving entities;

11 (iii) to the extent that the Adminis-  
12 trator determines necessary, and in a man-  
13 ner designed to protect confidential infor-  
14 mation, require each load-serving entity to  
15 submit additional information as needed to  
16 determine the delivered generation re-  
17 source mix of the load-serving entity, in-  
18 cluding financial or contractual agreements  
19 for power and generation resource type at-  
20 tributes with respect to power owned by or  
21 retired by the load-serving entity; and

22 (iv) for any portion of the generation  
23 resource mix of a load-serving entity that  
24 is otherwise unaccounted for, develop a  
25 methodology to assign to the load-serving

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1 entity a share of the otherwise unac-  
2 counted for resource mix of the relevant  
3 balancing authority.

4 **SEC. 30413. EXPANSION OF ENERGY CONSUMPTION SUR-**  
5 **VEYS.**

6 (a) IN GENERAL.—Not later than 2 years after the  
7 date of enactment of this Act, the Administrator shall im-  
8 plement measures to expand the Manufacturing Energy  
9 Consumption Survey, the Commercial Building Energy  
10 Consumption Survey, and the Residential Energy Con-  
11 sumption Survey to include data on energy end use in  
12 order to facilitate the identification of—

13 (1) opportunities to improve energy efficiency  
14 and energy productivity;

15 (2) changing patterns of energy use; and

16 (3) opportunities to better understand and  
17 manage miscellaneous electric loads.

18 (b) REQUIREMENTS.—

19 (1) IN GENERAL.—In carrying out subsection  
20 (a), the Administrator shall—

21 (A) increase the scope and frequency of  
22 data collection on energy end uses and services;

23 (B) use new data collection methods and  
24 tools in order to obtain more comprehensive

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1 data and reduce the burden on survey respond-  
2 ents, including by—

3 (i) accessing other existing data  
4 sources; and

5 (ii) if feasible, developing online and  
6 real-time reporting systems;

7 (C) identify and report community-level  
8 economic and environmental impacts, including  
9 with respect to—

10 (i) the reliability and security of the  
11 energy supply; and

12 (ii) local areas with households with a  
13 high energy burden; and

14 (D) improve the presentation of data, in-  
15 cluding by—

16 (i) enabling the presentation of data  
17 in an interactive cartographic format on a  
18 national, regional, State, and local level  
19 with the functionality of viewing various  
20 economic, energy, and demographic meas-  
21 ures on an individual basis or in combina-  
22 tion; and

23 (ii) incorporating the results of the  
24 data collection, methods, and tools de-  
25 scribed in subparagraphs (A) and (B) into

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1 existing and new digital distribution meth-  
2 ods.

3 (2) MANUFACTURING ENERGY CONSUMPTION  
4 SURVEY.—With respect to the Manufacturing En-  
5 ergy Consumption Survey, the Administrator shall—

6 (A) implement measures to provide more  
7 detailed representations of data by region;

8 (B) for large manufacturing facilities,  
9 break out process heat use by required process  
10 temperatures in order to facilitate the identi-  
11 fication of opportunities for cost reductions and  
12 energy efficiency or energy productivity im-  
13 provements;

14 (C) collect information on—

15 (i) energy source-switching capabili-  
16 ties, especially with respect to thermal  
17 processes and the efficiency of thermal  
18 processes;

19 (ii) the use of electricity, biofuels, hy-  
20 drogen, or other alternative fuels to  
21 produce process heat; and

22 (iii) the use of demand response; and

23 (D) identify current and potential future  
24 industrial clusters in which multiple firms and  
25 facilities in a defined geographic area share the



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1 costs and benefits of infrastructure for clean  
2 manufacturing, such as—

3 (i) hydrogen generation, production,  
4 transport, use, and storage infrastructure;  
5 and

6 (ii) carbon dioxide capture, transport,  
7 use, and storage infrastructure.

8 (3) RESIDENTIAL ENERGY CONSUMPTION SUR-  
9 VEY.—With respect to the Residential Energy Con-  
10 sumption Survey, the Administrator shall—

11 (A) implement measures to provide more  
12 detailed representations of data by—

13 (i) geographic area, including by State  
14 (for each State);

15 (ii) building type, including multi-fam-  
16 ily buildings;

17 (iii) household income;

18 (iv) location in a rural area; and

19 (v) other demographic characteristics,  
20 as determined by the Administrator; and

21 (B) report measures of—

22 (i) household electrical service capac-  
23 ity;

24 (ii) access to utility demand-side man-  
25 agement programs and bill credits;

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1 (iii) characteristics of the energy mix  
2 used to generate electricity in different re-  
3 gions; and

4 (iv) the household energy burden for  
5 households—

6 (I) in different geographic areas;

7 (II) by electricity, heating, and  
8 other end-uses; and

9 (III) with different demographic  
10 characteristics that correlate with in-  
11 creased household energy burden, in-  
12 cluding—

13 (aa) having a low household  
14 income;

15 (bb) being a minority house-  
16 hold;

17 (cc) residing in manufac-  
18 tured or multifamily housing;

19 (dd) being in a fixed or re-  
20 tirement income household;

21 (ee) residing in rental hous-  
22 ing; and

23 (ff) other factors, as deter-  
24 mined by the Administrator.

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1 **SEC. 30414. DATA COLLECTION ON ELECTRIC VEHICLE IN-**  
2 **TEGRATION WITH THE ELECTRICITY GRIDS.**

3 (a) IN GENERAL.—Not later than 1 year after the  
4 date of enactment of this Act, the Administrator shall de-  
5 velop and implement measures to expand data collection  
6 with respect to electric vehicle integration with the elec-  
7 tricity grids.

8 (b) SOURCES OF DATA.—The sources of the data col-  
9 lected pursuant to subsection (a) may include—

10 (1) host-owned or charging-network-owned elec-  
11 tric vehicle charging stations;

12 (2) aggregators of charging-network electricity  
13 demand;

14 (3) electric utilities offering managed-charging  
15 programs;

16 (4) individual, corporate, or public owners of  
17 electric vehicles; and

18 (5) balancing authority analyses of—

19 (A) transformer loading congestion; and

20 (B) distribution-system congestion.

21 (c) CONSULTATION AND COORDINATION.—In car-  
22 rying out subsection (a), the Administrator may consult  
23 and enter into agreements with other institutions having  
24 relevant data and data collection capabilities, such as—

25 (1) the Secretary of Transportation;

26 (2) the Secretary;

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1 (3) the Administrator of the Environmental  
2 Protection Agency;

3 (4) States or State agencies; and

4 (5) private entities.

5 **SEC. 30415. PLAN FOR THE MODELING AND FORECASTING**  
6 **OF DEMAND FOR MINERALS USED IN THE EN-**  
7 **ERGY SECTOR.**

8 (a) PLAN.—

9 (1) IN GENERAL.—Not later than 180 days  
10 after the date of enactment of this Act, the Adminis-  
11 trator, in coordination with the Director of the  
12 United States Geological Survey, shall develop a  
13 plan for the modeling and forecasting of demand for  
14 energy technologies, including for energy production,  
15 transmission, or storage purposes, that use minerals  
16 that are or could be designated as critical minerals.

17 (2) INCLUSIONS.—The plan developed under  
18 paragraph (1) shall identify—

19 (A) the type and quantity of minerals con-  
20 sumed, delineated by energy technology;

21 (B) existing markets for manufactured en-  
22 ergy-producing, energy-transmission, and en-  
23 ergy-storing equipment; and

24 (C) emerging or potential markets for new  
25 energy-producing, energy-transmission, and en-

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1           energy-storing technologies entering commer-  
2           cialization.

3           (b) METRICS.—The plan developed under subsection  
4 (a)(1) shall produce forecasts of energy technology de-  
5 mand—

6           (1) over the 1-year, 5-year, and 10-year periods  
7           beginning on the date on which development of the  
8           plan is completed;

9           (2) by economic sector; and

10           (3) according to any other parameters that the  
11           Administrator, in collaboration with the Secretary of  
12           the Interior, acting through the Director of the  
13           United States Geological Survey, determines are  
14           needed for the Annual Critical Minerals Outlook.

15           (c) COLLABORATION.—The Administrator shall de-  
16           velop the plan under subsection (a)(1) in consultation  
17           with—

18           (1) the Secretary with respect to the possible  
19           trajectories of emerging energy-producing and en-  
20           ergy-storing technologies; and

21           (2) the Secretary of the Interior, acting through  
22           the Director of the United States Geological Sur-  
23           vey—

24                   (A) to ensure coordination;

25                   (B) to avoid duplicative effort; and

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1 (C) to align the analysis of demand with  
2 data and analysis of where the minerals are  
3 produced, refined, and subsequently processed  
4 into materials and parts that are used to build  
5 energy technologies.

6 **SEC. 30416. EXPANSION OF INTERNATIONAL ENERGY DATA.**

7 (a) IN GENERAL.—Not later than 1 year after the  
8 date of enactment of this Act, the Administrator shall im-  
9 plement measures to expand and improve the international  
10 energy data resources of the Energy Information Adminis-  
11 tration in order to understand—

12 (1) the production and use of energy in various  
13 countries;

14 (2) changing patterns of energy use internation-  
15 ally;

16 (3) the relative costs and environmental impacts  
17 of energy production and use internationally; and

18 (4) plans for or construction of major energy  
19 facilities or infrastructure.

20 (b) REQUIREMENTS.—In carrying out subsection (a),  
21 the Administrator shall—

22 (1) work with, and leverage the data resources  
23 of, the International Energy Agency;

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1 (2) include detail on energy consumption by  
2 fuel, economic sector, and end use within countries  
3 for which data are available;

4 (3) collect relevant measures of energy use, in-  
5 cluding—

6 (A) cost; and

7 (B) emissions intensity; and

8 (4) provide tools that allow for straightforward  
9 country-to-country comparisons of energy production  
10 and consumption across economic sectors and end  
11 uses.

12 **SEC. 30417. PLAN FOR THE NATIONAL ENERGY MODELING**  
13 **SYSTEM.**

14 Not later than 180 days after the date of enactment  
15 of this Act, the Administrator shall develop a plan to iden-  
16 tify any need or opportunity to update or further the capa-  
17 bilities of the National Energy Modeling System, including  
18 with respect to—

19 (1) treating energy demand endogenously;

20 (2) increased natural gas usage and increased  
21 market penetration of renewable energy;

22 (3) flexible operating modes of nuclear power  
23 plants, such as load following and frequency control;

24 (4) tools to model multiple-output energy sys-  
25 tems that provide hydrogen, high-value heat, elec-

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1       tricity, and chemical synthesis services, including  
2       interactions of those energy systems with the elec-  
3       tricity grids, pipeline networks, and the broader  
4       economy;

5           (5) demand response and improved representa-  
6       tion of energy storage, including long-duration stor-  
7       age, in capacity expansion models;

8           (6) electrification, particularly with respect to  
9       the transportation, industrial, and buildings sectors;

10          (7) increasing model resolution to represent all  
11       hours of the year and all electricity generators;

12          (8) wholesale electricity market design and the  
13       appropriate valuation of all services that support the  
14       reliability of electricity grids, such as—

15           (A) battery storage; and

16           (B) synthetic inertia from grid-tied invert-  
17       ers;

18          (9) economic modeling of the role of energy effi-  
19       ciency, demand response, electricity storage, and a  
20       variety of distributed generation technologies;

21          (10) the production, transport, use, and storage  
22       of carbon dioxide, hydrogen, and hydrogen carriers;

23          (11) greater flexibility in—

24           (A) the modeling of the environmental im-  
25       pacts of electricity systems, such as—



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1 (i) emissions of greenhouse gases and  
2 other pollutants; and

3 (ii) the use of land and water re-  
4 sources; and

5 (B) the ability to support climate mod-  
6 eling, such as the climate modeling performed  
7 by the Office of Biological and Environmental  
8 Research in the Office of Science of the Depart-  
9 ment;

10 (12) technologies that are in an early stage of  
11 commercial deployment and have been identified by  
12 the Secretary as candidates for large-scale dem-  
13 onstration projects, such as—

14 (A) carbon capture, transport, use, and  
15 storage from any source or economic sector;

16 (B) direct air capture;

17 (C) hydrogen production, including via  
18 electrolysis;

19 (D) synthetic and biogenic hydrocarbon  
20 liquid and gaseous fuels;

21 (E) supercritical carbon dioxide combus-  
22 tion turbines;

23 (F) industrial fuel cell and hydrogen com-  
24 bustion equipment; and

25 (G) industrial electric boilers;

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1 (13) increased and improved data sources and  
2 tools, including—

3 (A) the establishment of technology and  
4 cost baselines, including technology learning  
5 rates;

6 (B) economic and employment impacts of  
7 energy system policies and energy prices on  
8 households, as a function of household income  
9 and region; and

10 (C) the use of behavioral economics to in-  
11 form demand modeling in all sectors; and

12 (14) striving to migrate toward a single, con-  
13 sistent, and open-source modeling platform, and in-  
14 creasing open access to model systems, data, and  
15 outcomes, for—

16 (A) disseminating reference scenarios that  
17 can be transparently and broadly replicated;  
18 and

19 (B) promoting the development of the re-  
20 searcher and analyst workforce needed to con-  
21 tinue the development and validation of im-  
22 proved energy system models in the future.

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1 **SEC. 30418. REPORT ON COSTS OF CARBON ABATEMENT IN**  
2 **THE ELECTRICITY SECTOR.**

3 Not later than 270 days after the date of enactment  
4 of this Act, the Administrator shall submit to Congress  
5 a report on—

6 (1) the potential use of levelized cost of carbon  
7 abatement or a similar metric in analyzing genera-  
8 tors of electricity, including an identification of limi-  
9 tations and appropriate uses of the metric;

10 (2) the feasibility and impact of incorporating  
11 levelized cost of carbon abatement in long-term fore-  
12 casts—

13 (A) to compare technical approaches and  
14 understand real-time changes in fossil-fuel and  
15 nuclear dispatch;

16 (B) to compare the system-level costs of  
17 technology options to reduce emissions; and

18 (C) to compare the costs of policy options,  
19 including current policies, regarding valid and  
20 verifiable reductions and removals of carbon;  
21 and

22 (3)(A) a potential process to measure carbon  
23 dioxide emissions intensity per unit of output pro-  
24 duction for a range of—

25 (i) energy sources;

26 (ii) sectors; and

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1 (iii) geographic regions; and

2 (B) a corresponding process to provide an  
3 empirical framework for reporting the status  
4 and costs of carbon dioxide reduction relative to  
5 specified goals.

6 **SEC. 30419. HARMONIZATION OF EFFORTS AND DATA.**

7 Not later than 1 year after the date of enactment  
8 of this Act, the Administrator shall establish a system to  
9 harmonize, to the maximum extent practicable and con-  
10 sistent with data integrity—

11 (1) the data collection efforts of the Adminis-  
12 trator, including any data collection required under  
13 this subtitle, with the data collection efforts of—

14 (A) the Environmental Protection Agency,  
15 as the Administrator determines to be appro-  
16 priate;

17 (B) other relevant Federal agencies, as the  
18 Administrator determines to be appropriate;  
19 and

20 (C) State or regional energy credit reg-  
21 istries, as the Administrator determines to be  
22 appropriate;

23 (2) the data collected under this subtitle, in-  
24 cluding the operating data on electricity generation  
25 collected under section 30412(a), with data collected

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1 by the entities described in subparagraphs (A)  
2 through (C) of paragraph (1), including any meas-  
3 urements of greenhouse gas and other pollutant  
4 emissions collected by the Environmental Protection  
5 Agency, as the Administrator determines to be ap-  
6 propriate; and

7 (3) the efforts of the Administrator to identify  
8 and report relevant impacts, opportunities, and pat-  
9 terns with respect to energy use, including the iden-  
10 tification of community-level economic and environ-  
11 mental impacts required under section  
12 30413(b)(1)(C), with the efforts of the Environ-  
13 mental Protection Agency and other relevant Fed-  
14 eral agencies, as determined by the Administrator,  
15 to identify similar impacts, opportunities, and pat-  
16 terns.

## 17 **Subtitle C—Miscellaneous**

### 18 **SEC. 30431. CONSIDERATION OF MEASURES TO PROMOTE** 19 **GREATER ELECTRIFICATION OF THE TRANS-** 20 **PORTATION SECTOR.**

21 (a) IN GENERAL.—Section 111(d) of the Public Util-  
22 ity Regulatory Policies Act of 1978 (16 U.S.C. 2621(d))  
23 (as amended by section 30104(a)(1)) is amended by add-  
24 ing at the end the following:

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1           “(21) ELECTRIC VEHICLE CHARGING PRO-  
2           GRAMS.—Each State shall consider measures to pro-  
3           mote greater electrification of the transportation sec-  
4           tor, including the establishment of rates that—

5                   “(A) promote affordable and equitable  
6                   electric vehicle charging options for residential,  
7                   commercial, and public electric vehicle charging  
8                   infrastructure;

9                   “(B) improve the customer experience as-  
10                  sociated with electric vehicle charging, including  
11                  by reducing charging times for light-, medium-  
12                  , and heavy-duty vehicles;

13                  “(C) accelerate third-party investment in  
14                  electric vehicle charging for light-, medium-,  
15                  and heavy-duty vehicles; and

16                  “(D) appropriately recover the marginal  
17                  costs of delivering electricity to electric vehicles  
18                  and electric vehicle charging infrastructure.”.

19           (b) COMPLIANCE.—

20                   (1) TIME LIMITATION.—Section 112(b) of the  
21                   Public Utility Regulatory Policies Act of 1978 (16  
22                   U.S.C. 2622(b)) (as amended by section  
23                   30104(a)(2)(A)) is amended by adding at the end  
24                   the following:

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1           “(8)(A) Not later than 1 year after the date of  
2           enactment of this paragraph, each State regulatory  
3           authority (with respect to each electric utility for  
4           which the State has ratemaking authority) and each  
5           nonregulated utility shall commence consideration  
6           under section 111, or set a hearing date for consid-  
7           eration, with respect to the standard established by  
8           paragraph (21) of section 111(d).

9           “(B) Not later than 2 years after the date  
10           of enactment of this paragraph, each State reg-  
11           ulatory authority (with respect to each electric  
12           utility for which the State has ratemaking au-  
13           thority), and each nonregulated electric utility  
14           shall complete the consideration and make the  
15           determination under section 111 with respect to  
16           the standard established by paragraph (21) of  
17           section 111(d).”.

18           (2) FAILURE TO COMPLY.—Section 112(c) of  
19           the Public Utility Regulatory Policies Act of 1978  
20           (16 U.S.C. 2622(c)) (as amended by section  
21           30104(a)(2)(B)(i)) is amended by adding at the end  
22           the following: “In the case of the standard estab-  
23           lished by paragraph (21) of section 111(d), the ref-  
24           erence contained in this subsection to the date of en-  
25           actment of this Act shall be deemed to be a ref-

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1           erence to the date of enactment of that paragraph  
2           (21).”.

3           (3) PRIOR STATE ACTIONS.—

4           (A) IN GENERAL.—Section 112 of the  
5           Public Utility Regulatory Policies Act of 1978  
6           (16 U.S.C. 2622) (as amended by section  
7           30104(a)(2)(C)(i)) is amended by adding at the  
8           end the following:

9           “(h) OTHER PRIOR STATE ACTIONS.—Subsections  
10          (b) and (c) shall not apply to the standard established by  
11          paragraph (21) of section 111(d) in the case of any elec-  
12          tric utility in a State if, before the date of enactment of  
13          this subsection—

14                 “(1) the State has implemented for the electric  
15                 utility the standard (or a comparable standard);

16                 “(2) the State regulatory authority for the  
17                 State or the relevant nonregulated electric utility has  
18                 conducted a proceeding to consider implementation  
19                 of the standard (or a comparable standard) for the  
20                 electric utility; or

21                 “(3) the State legislature has voted on the im-  
22                 plementation of the standard (or a comparable  
23                 standard) for the electric utility during the 3-year  
24                 period ending on that date of enactment.”.



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1 (B) CROSS-REFERENCE.—Section 124 of  
2 the Public Utility Regulatory Policies Act of  
3 1978 (16 U.S.C. 2634) (as amended by section  
4 30104(a)(2)(C)(ii)(II)) is amended by adding at  
5 the end the following: “In the case of the stand-  
6 ard established by paragraph (21) of section  
7 111(d), the reference contained in this section  
8 to the date of enactment of this Act shall be  
9 deemed to be a reference to the date of enact-  
10 ment of that paragraph (21).”.

11 **SEC. 30432. OFFICE OF PUBLIC PARTICIPATION.**

12 Section 319 of the Federal Power Act (16 U.S.C.  
13 825q-1) is amended—

14 (1) in subsection (a)(2)—

15 (A) in subparagraph (A), by striking the  
16 third sentence; and

17 (B) in subparagraph (B)—

18 (i) by striking the third sentence and  
19 inserting the following: “The Director shall  
20 be compensated at a rate of pay not great-  
21 er than the maximum rate of pay pre-  
22 scribed for a senior executive in the Senior  
23 Executive Service under section 5382 of  
24 title 5, United States Code.”; and

25 (ii) by striking the first sentence; and

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1 (2) in subsection (b), by striking paragraph (4).

2 **SEC. 30433. DIGITAL CLIMATE SOLUTIONS REPORT.**

3 (a) IN GENERAL.—Not later than 1 year after the  
4 date of enactment of this Act, the Secretary, in consulta-  
5 tion with appropriate Federal agencies and relevant stake-  
6 holders, shall submit to the Committee on Energy and  
7 Natural Resources of the Senate and the Committee on  
8 Energy and Commerce of the House of Representatives  
9 a report that assesses using digital tools and platforms  
10 as climate solutions, including—

11 (1) artificial intelligence and machine learning;

12 (2) blockchain technologies and distributed  
13 ledgers;

14 (3) crowdsourcing platforms;

15 (4) the Internet of Things;

16 (5) distributed computing for the grid; and

17 (6) software and systems.

18 (b) CONTENTS.—The report required under sub-  
19 section (a) shall include—

20 (1) as practicable, a full inventory and assess-  
21 ment of digital climate solutions;

22 (2) an analysis of how the private sector can  
23 utilize the digital tools and platforms included in the  
24 inventory under paragraph (1) to accelerate digital  
25 climate solutions; and

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1 (3) a summary of opportunities to enhance the  
2 standardization of voluntary and regulatory climate  
3 disclosure protocols, including enabling the data to  
4 be disseminated through an application program-  
5 ming interface that is accessible to the public.

6 **SEC. 30434. STUDY AND REPORT BY THE SECRETARY OF**  
7 **ENERGY ON JOB LOSS AND IMPACTS ON CON-**  
8 **SUMER ENERGY COSTS DUE TO THE REVOCA-**  
9 **TION OF THE PERMIT FOR THE KEYSTONE XL**  
10 **PIPELINE.**

11 (a) DEFINITION OF EXECUTIVE ORDER.—In this  
12 section, the term “Executive Order” means Executive  
13 Order 13990 (86 Fed. Reg. 7037; relating to protecting  
14 public health and the environment and restoring science  
15 to tackle the climate crisis).

16 (b) STUDY AND REPORT.—The Secretary shall—

17 (1) conduct a study to estimate—

18 (A) the total number of jobs that were lost  
19 as a direct or indirect result of section 6 of the  
20 Executive Order over the 10-year period begin-  
21 ning on the date on which the Executive Order  
22 was issued; and

23 (B) the impact on consumer energy costs  
24 that are projected to result as a direct or indi-  
25 rect result of section 6 of the Executive Order

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1 over the 10-year period beginning on the date  
2 on which the Executive Order was issued; and  
3 (2) not later than 90 days after the date of en-  
4 actment of this Act, submit to Congress a report de-  
5 scribing the findings of the study conducted under  
6 paragraph (1).

7 **SEC. 30435. STUDY ON IMPACT OF ELECTRIC VEHICLES.**

8 Not later than 120 days after the date of enactment  
9 of this Act, the Secretary shall conduct, and submit to  
10 Congress a report describing the results of, a study on  
11 the cradle to grave environmental impact of electric vehi-  
12 cles.

13 **SEC. 30436. STUDY ON IMPACT OF FORCED LABOR IN**  
14 **CHINA ON THE ELECTRIC VEHICLE SUPPLY**  
15 **CHAIN.**

16 Not later than 120 days after the date of enactment  
17 of this Act, the Secretary, in coordination with the Sec-  
18 retary of State, shall study the impact of forced labor in  
19 China on the electric vehicle supply chain.

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1 **TITLE V—ENERGY EFFICIENCY**  
2 **AND BUILDING INFRASTRUC-**  
3 **TURE**

4 **Subtitle A—Residential and**  
5 **Commercial Energy Efficiency**

6 **SEC. 30501. DEFINITIONS.**

7 In this subtitle:

8 (1) **PRIORITY STATE.**—The term “priority  
9 State” means a State that—

10 (A) is eligible for funding under the State  
11 Energy Program; and

12 (B)(i) is among the 15 States with the  
13 highest annual per-capita combined residential  
14 and commercial sector energy consumption, as  
15 most recently reported by the Energy Informa-  
16 tion Administration; or

17 (ii) is among the 15 States with the high-  
18 est annual per-capita energy-related carbon di-  
19 oxide emissions by State, as most recently re-  
20 ported by the Energy Information Administra-  
21 tion.

22 (2) **PROGRAM.**—The term “program” means  
23 the program established under section 30502(a).

24 (3) **STATE.**—The term “State” means a State  
25 (as defined in section 3 of the Energy Policy and

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1 Conservation Act (42 U.S.C. 6202)), acting through  
2 a State energy office.

3 (4) STATE ENERGY PROGRAM.—The term  
4 “State Energy Program” means the State Energy  
5 Program established under part D of title III of the  
6 Energy Policy and Conservation Act (42 U.S.C.  
7 6321 et seq.).

8 **SEC. 30502. ENERGY EFFICIENCY REVOLVING LOAN FUND**  
9 **CAPITALIZATION GRANT PROGRAM.**

10 (a) IN GENERAL.—Not later than 1 year after the  
11 date of enactment of this Act, under the State Energy  
12 Program, the Secretary shall establish a program under  
13 which the Secretary shall provide capitalization grants to  
14 States to establish a revolving loan fund under which the  
15 State shall provide loans and grants, as applicable, in ac-  
16 cordance with this section.

17 (b) DISTRIBUTION OF FUNDS.—

18 (1) ALL STATES.—

19 (A) IN GENERAL.—Of the amounts made  
20 available under subsection (j), the Secretary  
21 shall use 40 percent to provide capitalization  
22 grants to States that are eligible for funding  
23 under the State Energy Program, in accordance  
24 with the allocation formula established under

1799

1 section 420.11 of title 10, Code of Federal Reg-  
2 ulations (or successor regulations).

3 (B) REMAINING FUNDING.—After applying  
4 the allocation formula described in subpara-  
5 graph (A), the Secretary shall redistribute any  
6 unclaimed funds to the remaining States seek-  
7 ing capitalization grants under that subpara-  
8 graph.

9 (2) PRIORITY STATES.—

10 (A) IN GENERAL.—Of the amounts made  
11 available under subsection (j), the Secretary  
12 shall use 60 percent to provide supplemental  
13 capitalization grants to priority States in ac-  
14 cordance with an allocation formula determined  
15 by the Secretary.

16 (B) REMAINING FUNDING.—After applying  
17 the allocation formula described in subpara-  
18 graph (A), the Secretary shall redistribute any  
19 unclaimed funds to the remaining priority  
20 States seeking supplemental capitalization  
21 grants under that subparagraph.

22 (C) GRANT AMOUNT.—

23 (i) MAXIMUM AMOUNT.—The amount  
24 of a supplemental capitalization grant pro-

1800

1 vided to a State under this paragraph shall  
2 not exceed \$15,000,000.

3 (ii) SUPPLEMENT NOT SUPPLANT.—A  
4 supplemental capitalization grant received  
5 by a State under this paragraph shall sup-  
6 plement, not supplant, a capitalization  
7 grant received by that State under para-  
8 graph (1).

9 (c) APPLICATIONS FOR CAPITALIZATION GRANTS.—  
10 A State seeking a capitalization grant under the program  
11 shall submit to the Secretary an application at such time,  
12 in such manner, and containing such information as the  
13 Secretary may require, including—

14 (1) a detailed explanation of how the grant will  
15 be used, including a plan to establish a new revolv-  
16 ing loan fund or use an existing revolving loan fund;

17 (2) the need of eligible recipients for loans and  
18 grants in the State for assistance with conducting  
19 energy audits;

20 (3) a description of the expected benefits that  
21 building infrastructure and energy system upgrades  
22 and retrofits will have on communities in the State;  
23 and

24 (4) in the case of a priority State seeking a  
25 supplemental capitalization grant under subsection



1801

1 (b)(2), a justification for needing the supplemental  
2 funding.

3 (d) TIMING.—

4 (1) IN GENERAL.—The Secretary shall establish  
5 a timeline with dates by, or periods by the end of,  
6 which a State shall—

7 (A) on receipt of a capitalization grant  
8 under the program, deposit the grant funds into  
9 a revolving loan fund; and

10 (B) begin using the capitalization grant as  
11 described in subsection (e)(1).

12 (2) USE OF GRANT.—Under the timeline estab-  
13 lished under paragraph (1), a State shall be required  
14 to begin using a capitalization grant not more than  
15 180 days after the date on which the grant is re-  
16 ceived.

17 (e) USE OF GRANT FUNDS.—

18 (1) IN GENERAL.—A State that receives a cap-  
19 italization grant under the program—

20 (A) shall provide loans in accordance with  
21 paragraph (2); and

22 (B) may provide grants in accordance with  
23 paragraph (3).

24 (2) LOANS.—

25 (A) COMMERCIAL ENERGY AUDIT.—

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1 (i) IN GENERAL.—A State that re-  
2 ceives a capitalization grant under the pro-  
3 gram may provide a loan to an eligible re-  
4 cipient described in clause (iv) to conduct  
5 a commercial energy audit.

6 (ii) AUDIT REQUIREMENTS.—A com-  
7 mercial energy audit conducted using a  
8 loan provided under clause (i) shall—

9 (I) determine the overall con-  
10 sumption of energy of the facility of  
11 the eligible recipient;

12 (II) identify and recommend  
13 lifecycle cost-effective opportunities to  
14 reduce the energy consumption of the  
15 facility of the eligible recipient, includ-  
16 ing through energy efficient—

17 (aa) lighting;

18 (bb) heating, ventilation,  
19 and air conditioning systems;

20 (cc) windows;

21 (dd) appliances; and

22 (ee) insulation and building  
23 envelopes;

24 (III) estimate the energy and  
25 cost savings potential of the opportu-

1803

1 nities identified in subclause (II)  
2 using software approved by the Sec-  
3 retary;

4 (IV) identify—

5 (aa) the period and level of  
6 peak energy demand for each  
7 building within the facility of the  
8 eligible recipient; and

9 (bb) the sources of energy  
10 consumption that are contrib-  
11 uting the most to that period of  
12 peak energy demand;

13 (V) recommend controls and  
14 management systems to reduce or re-  
15 distribute peak energy consumption;  
16 and

17 (VI) estimate the total energy  
18 and cost savings potential for the fa-  
19 cility of the eligible recipient if all rec-  
20 ommended upgrades and retrofits are  
21 implemented, using software approved  
22 by the Secretary.

23 (iii) ADDITIONAL AUDIT INCLU-  
24 SIONS.—A commercial energy audit con-  
25 ducted using a loan provided under clause

1804

1 (i) may recommend strategies to increase  
2 energy efficiency of the facility of the eligi-  
3 ble recipient through use of electric sys-  
4 tems or other high-efficiency systems uti-  
5 lizing fuels, including natural gas and hy-  
6 drogen.

7 (iv) ELIGIBLE RECIPIENTS.—An eligi-  
8 ble recipient under clause (i) is a business  
9 that—

10 (I) conducts the majority of its  
11 business in the State that provides the  
12 loan under that clause; and

13 (II) owns or operates—

14 (aa) 1 or more commercial  
15 buildings; or

16 (bb) commercial space with-  
17 in a building that serves multiple  
18 functions, such as a building for  
19 commercial and residential oper-  
20 ations.

21 (B) RESIDENTIAL ENERGY AUDITS.—

22 (i) IN GENERAL.—A State that re-  
23 ceives a capitalization grant under the pro-  
24 gram may provide a loan to an eligible re-

1805

1 recipient described in clause (iv) to conduct  
2 a residential energy audit.

3 (ii) RESIDENTIAL ENERGY AUDIT RE-  
4 QUIREMENTS.—A residential energy audit  
5 conducted using a loan under clause (i)  
6 shall—

7 (I) utilize the same evaluation  
8 criteria as the Home Performance As-  
9 sessment used in the Energy Star  
10 program established under section  
11 324A of the Energy Policy and Con-  
12 servation Act (42 U.S.C. 6294a);

13 (II) recommend lifecycle cost-ef-  
14 fective opportunities to reduce energy  
15 consumption within the residential  
16 building of the eligible recipient, in-  
17 cluding through energy efficient—

18 (aa) lighting;

19 (bb) heating, ventilation,  
20 and air conditioning systems;

21 (cc) windows;

22 (dd) appliances; and

23 (ee) insulation and building  
24 envelopes;

1806

1 (III) recommend controls and  
2 management systems to reduce or re-  
3 distribute peak energy consumption;

4 (IV) compare the energy con-  
5 sumption of the residential building of  
6 the eligible recipient to comparable  
7 residential buildings in the same geo-  
8 graphic area; and

9 (V) provide a Home Energy  
10 Score, or equivalent score (as deter-  
11 mined by the Secretary), for the resi-  
12 dential building of the eligible recipi-  
13 ent by using the Home Energy Score  
14 Tool of the Department or an equiva-  
15 lent scoring tool.

16 (iii) ADDITIONAL AUDIT INCLU-  
17 SIONS.—A residential energy audit con-  
18 ducted using a loan provided under clause  
19 (i) may recommend strategies to increase  
20 energy efficiency of the facility of the eligi-  
21 ble recipient through use of electric sys-  
22 tems or other high-efficiency systems uti-  
23 lizing fuels, including natural gas and hy-  
24 drogen.

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1 (iv) ELIGIBLE RECIPIENTS.—An eligi-  
2 ble recipient under clause (i) is—

3 (I) an individual who owns—

4 (aa) a single family home;

5 (bb) a condominium or du-  
6 plex; or

7 (cc) a manufactured housing  
8 unit; or

9 (II) a business that owns or oper-  
10 ates a multifamily housing facility.

11 (C) COMMERCIAL AND RESIDENTIAL EN-  
12 ERGY UPGRADES AND RETROFITS.—

13 (i) IN GENERAL.—A State that re-  
14 ceives a capitalization grant under the pro-  
15 gram may provide a loan to an eligible re-  
16 cipient described in clause (ii) to carry out  
17 upgrades or retrofits of building infrastruc-  
18 ture and systems that—

19 (I) are recommended in the com-  
20 mercial energy audit or residential en-  
21 ergy audit, as applicable, completed  
22 for the building or facility of the eligi-  
23 ble recipient;

24 (II) satisfy at least 1 of the cri-  
25 teria in the Home Performance As-

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1                    assessment used in the Energy Star  
2                    program established under section  
3                    324A of the Energy Policy and Con-  
4                    servation Act (42 U.S.C. 6294a);

5                    (III) improve, with respect to the  
6                    building or facility of the eligible re-  
7                    cipient—

8                    (aa) the physical comfort of  
9                    the building or facility occupants;

10                    (bb) the energy efficiency of  
11                    the building or facility; or

12                    (cc) the quality of the air in  
13                    the building or facility; and

14                    (IV)(aa) are lifecycle cost-effec-  
15                    tive; and

16                    (bb)(AA) reduce the energy in-  
17                    tensity of the building or facility of  
18                    the eligible recipient; or

19                    (BB) improve the control and  
20                    management of energy usage of the  
21                    building or facility to reduce demand  
22                    during peak times.

23                    (ii) **ELIGIBLE RECIPIENTS.**—An eligi-  
24                    ble recipient under clause (i) is an eligible



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1 recipient described in subparagraph (A)(iv)  
2 or (B)(iv) that—

3 (I) has completed a commercial  
4 energy audit described in subpara-  
5 graph (A) or a residential energy  
6 audit described in subparagraph (B)  
7 using a loan provided under the appli-  
8 cable subparagraph; or

9 (II) has completed a commercial  
10 energy audit or residential energy  
11 audit that—

12 (aa) was not funded by a  
13 loan under this paragraph; and

14 (bb)(AA) meets the require-  
15 ments for the applicable audit  
16 under subparagraph (A) or (B),  
17 as applicable; or

18 (BB) the Secretary deter-  
19 mines is otherwise satisfactory.

20 (iii) LOAN TERM.—

21 (I) IN GENERAL.—A loan pro-  
22 vided under this subparagraph shall  
23 be required to be fully amortized by  
24 the earlier of—

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1 (aa) subject to subclause  
2 (II), the year in which the up-  
3 grades or retrofits carried out  
4 using the loan exceed their ex-  
5 pected useful life; and

6 (bb) 15 years after those up-  
7 grades or retrofits are installed.

8 (II) CALCULATION.—For pur-  
9 poses of subclause (I)(aa), in the case  
10 of a loan being used to fund multiple  
11 upgrades or retrofits, the longest-lived  
12 upgrade or retrofit shall be used to  
13 calculate the year in which the up-  
14 grades or retrofits carried out using  
15 the loan exceed their expected useful  
16 life.

17 (D) REFERRAL TO QUALIFIED CONTRAC-  
18 TORS.—Following the completion of an audit  
19 under subparagraph (A) or (B) by an eligible  
20 recipient of a loan under the applicable sub-  
21 paragraph, the State may refer the eligible re-  
22 cipient to a qualified contractor, as determined  
23 by the State, to estimate—

24 (i) the upfront capital cost of each  
25 recommended upgrade; and

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1 (ii) the total upfront capital cost of  
2 implementing all recommended upgrades.

3 (E) LOAN RECIPIENTS.—Each State pro-  
4 viding loans under this paragraph shall, to the  
5 maximum extent practicable, provide loans to  
6 eligible recipients that do not have access to  
7 private capital.

8 (3) GRANTS AND TECHNICAL ASSISTANCE.—

9 (A) IN GENERAL.—A State that receives a  
10 capitalization grant under the program may use  
11 not more than 25 percent of the grant funds to  
12 provide grants or technical assistance to eligible  
13 entities described in subparagraph (B) to carry  
14 out the activities described in subparagraphs  
15 (A), (B), and (C) of paragraph (2).

16 (B) ELIGIBLE ENTITY.—An entity eligible  
17 for a grant or technical assistance under sub-  
18 paragraph (A) is—

19 (i) a business that—

20 (I) is an eligible recipient de-  
21 scribed in paragraph (2)(A)(iv); and

22 (II) has fewer than 500 employ-  
23 ees; or

24 (ii) a low-income individual (as de-  
25 fined in section 3 of the Workforce Innova-

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1                   tion and Opportunity Act (29 U.S.C.  
2                   3102)) that owns a residential building.

3                   (4) FINAL ASSESSMENT.—A State that provides  
4                   a capitalization grant under paragraph (2)(C) to an  
5                   eligible recipient described in clause (ii) of that para-  
6                   graph may, not later than 1 year after the date on  
7                   which the upgrades or retrofits funded by the grant  
8                   under that paragraph are completed, provide to the  
9                   eligible recipient a loan or, in accordance with para-  
10                  graph (3), a grant to conduct a final energy audit  
11                  that assesses the total energy savings from the up-  
12                  grades or retrofits.

13                  (5) ADMINISTRATIVE EXPENSES.—A State that  
14                  receives a capitalization grant under the program  
15                  may use not more than 10 percent of the grant  
16                  funds for administrative expenses.

17                  (f) COORDINATION WITH EXISTING PROGRAMS.—A  
18                  State receiving a capitalization grant under the program  
19                  is encouraged to utilize and build on existing programs  
20                  and infrastructure within the State that may aid the State  
21                  in carrying out a revolving loan fund program.

22                  (g) LEVERAGING PRIVATE CAPITAL.—A State receiv-  
23                  ing a capitalization grant under the program shall, to the  
24                  maximum extent practicable, use the grant to leverage pri-  
25                  vate capital.

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1 (h) OUTREACH.—The Secretary shall engage in out-  
2 reach to inform States of the availability of capitalization  
3 grants under the program.

4 (i) REPORT.—Each State that receives a capitaliza-  
5 tion grant under the program shall, not later than 2 years  
6 after a grant is received, submit to the Secretary a report  
7 that describes—

8 (1) the number of recipients to which the State  
9 has distributed—

10 (A) loans for—

11 (i) commercial energy audits under  
12 subsection (e)(2)(A);

13 (ii) residential energy audits under  
14 subsection (e)(2)(B);

15 (iii) energy upgrades and retrofits  
16 under subsection (e)(2)(C); and

17 (B) grants under subsection (e)(3); and

18 (2) the average capital cost of upgrades and  
19 retrofits across all commercial energy audits and  
20 residential energy audits that were conducted in the  
21 State using loans provided by the State under sub-  
22 section (e).

23 (j) AUTHORIZATION OF APPROPRIATIONS.—There is  
24 authorized to be appropriated to the Secretary to carry

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1 out this section \$250,000,000 for fiscal year 2022, to re-  
2 main available until expended.

3 **SEC. 30503. ENERGY AUDITOR TRAINING GRANT PROGRAM.**

4 (a) DEFINITIONS.—In this section:

5 (1) COVERED CERTIFICATION.—The term “cov-  
6 ered certification” means any of the following certifi-  
7 cations:

8 (A) The American Society of Heating, Re-  
9 frigerating and Air-Conditioning Engineers  
10 Building Energy Assessment Professional cer-  
11 tification.

12 (B) The Association of Energy Engineers  
13 Certified Energy Auditor certification.

14 (C) The Building Performance Institute  
15 Home Energy Professional Energy Auditor cer-  
16 tification.

17 (D) The Residential Energy Services Net-  
18 work Home Energy Rater certification.

19 (E) Any other third-party certification rec-  
20 ognized by the Department.

21 (F) Any third-party certification that the  
22 Secretary determines is equivalent to the certifi-  
23 cations described in subparagraphs (A) through  
24 (E).

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1           (2) ELIGIBLE STATE.—The term “eligible  
2 State” means a State that—

3                   (A) has a demonstrated need for assistance  
4 for training energy auditors; and

5                   (B) meets any additional criteria deter-  
6 mined necessary by the Secretary.

7           (b) ESTABLISHMENT.—Under the State Energy Pro-  
8 gram, the Secretary shall establish a competitive grant  
9 program under which the Secretary shall award grants to  
10 eligible States to train individuals to conduct energy au-  
11 dits or surveys of commercial and residential buildings.

12           (c) APPLICATIONS.—

13                   (1) IN GENERAL.—A State seeking a grant  
14 under subsection (b) shall submit to the Secretary  
15 an application at such time, in such manner, and  
16 containing such information as the Secretary may  
17 require, including the energy auditor training pro-  
18 gram plan described in paragraph (2).

19                   (2) ENERGY AUDITOR TRAINING PROGRAM  
20 PLAN.—An energy auditor training program plan  
21 submitted with an application under paragraph (1)  
22 shall include—

23                           (A)(i) a proposed training curriculum for  
24 energy audit trainees; and

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1 (ii) an identification of the covered certifi-  
2 cation that those trainees will receive on com-  
3 pletion of that training curriculum;

4 (B) the expected per-individual cost of  
5 training;

6 (C) a plan for connecting trainees with em-  
7 ployment opportunities; and

8 (D) any additional information required by  
9 the Secretary.

10 (d) AMOUNT OF GRANT.—The amount of a grant  
11 awarded to an eligible State under subsection (b)—

12 (1) shall be determined by the Secretary, taking  
13 into account the population of the eligible State; and

14 (2) shall not exceed \$2,000,000 for any eligible  
15 State.

16 (e) USE OF FUNDS.—

17 (1) IN GENERAL.—An eligible State that re-  
18 ceives a grant under subsection (b) shall use the  
19 grant funds—

20 (A) to cover any cost associated with indi-  
21 viduals being trained or certified to conduct en-  
22 ergy audits by—

23 (i) the State; or

24 (ii) a State-certified third party train-  
25 ing program; and



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1 (B) subject to paragraph (2), to pay the  
2 wages of a trainee during the period in which  
3 the trainee receives training and certification.

4 (2) LIMITATION.—Not more than 10 percent of  
5 grant funds provided under subsection (b) to an eli-  
6 gible State may be used for the purpose described in  
7 paragraph (1)(B).

8 (f) CONSULTATION.—In carrying out this section, the  
9 Secretary shall consult with the Secretary of Labor.

10 (g) AUTHORIZATION OF APPROPRIATIONS.—There is  
11 authorized to be appropriated to the Secretary to carry  
12 out this section \$40,000,000 for the period of fiscal years  
13 2022 through 2026.

## 14 **Subtitle B—Buildings**

### 15 **SEC. 30511. COST-EFFECTIVE CODES IMPLEMENTATION** 16 **FOR EFFICIENCY AND RESILIENCE.**

17 (a) IN GENERAL.—Title III of the Energy Conserva-  
18 tion and Production Act (42 U.S.C. 6831 et seq.) is  
19 amended by adding at the end the following:

### 20 **“SEC. 309. COST-EFFECTIVE CODES IMPLEMENTATION FOR** 21 **EFFICIENCY AND RESILIENCE.**

22 “(a) DEFINITIONS.—In this section:

23 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-  
24 tity’ means—

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1           “(A) a relevant State agency, as deter-  
2           mined by the Secretary, such as a State build-  
3           ing code agency, State energy office, or Tribal  
4           energy office; and

5           “(B) a partnership.

6           “(2) PARTNERSHIP.—The term ‘partnership’  
7           means a partnership between an eligible entity de-  
8           scribed in paragraph (1)(A) and 1 or more of the  
9           following entities:

10           “(A) Local building code agencies.

11           “(B) Codes and standards developers.

12           “(C) Associations of builders and design  
13           and construction professionals.

14           “(D) Local and utility energy efficiency  
15           programs.

16           “(E) Consumer, energy efficiency, and en-  
17           vironmental advocates.

18           “(F) Other entities, as determined by the  
19           Secretary.

20           “(3) SECRETARY.—The term ‘Secretary’ means  
21           the Secretary of Energy.

22           “(b) ESTABLISHMENT.—

23           “(1) IN GENERAL.—The Secretary shall estab-  
24           lish within the Building Technologies Office of the  
25           Department of Energy a program under which the

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1 Secretary shall award grants on a competitive basis  
2 to eligible entities to enable sustained cost-effective  
3 implementation of updated building energy codes.

4 “(2) UPDATED BUILDING ENERGY CODE.—An  
5 update to a building energy code under this section,  
6 including an amendment that results in increased ef-  
7 ficiency compared to the previously adopted building  
8 energy code, shall include any update made available  
9 after the existing building energy code, even if it is  
10 not the most recent updated code available.

11 “(c) CRITERIA; PRIORITY.—In awarding grants  
12 under subsection (b), the Secretary shall—

13 “(1) consider—

14 “(A) prospective energy savings and plans  
15 to measure the savings, including utilizing the  
16 Environmental Protection Agency Portfolio  
17 Manager, the Home Energy Score rating of the  
18 Office of Energy Efficiency and Renewable En-  
19 ergy of the Department of Energy, the Energy  
20 Star Building rating methodologies of the Envi-  
21 ronmental Protection Agency, and other meth-  
22 odologies determined appropriate by the Sec-  
23 retary;

24 “(B) the long-term sustainability of those  
25 measures and savings;

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1           “(C) prospective benefits, and plans to as-  
2           sess the benefits, including benefits relating  
3           to—

4                   “(i) resilience and peak load reduc-  
5           tion;

6                   “(ii) occupant safety and health; and

7                   “(iii) environmental performance;

8           “(D) the demonstrated capacity of the eli-  
9           gible entity to carry out the proposed project;  
10          and

11                   “(E) the need of the eligible entity for as-  
12          sistance; and

13           “(2) give priority to applications from partner-  
14          ships.

15          “(d) ELIGIBLE ACTIVITIES.—

16           “(1) IN GENERAL.—An eligible entity awarded  
17          a grant under this section may use the grant  
18          funds—

19                   “(A) to create or enable State or regional  
20          partnerships to provide training and materials  
21          to—

22                           “(i) builders, contractors and sub-  
23                           contractors, architects, and other design  
24                           and construction professionals, relating to

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1 meeting updated building energy codes in a  
2 cost-effective manner; and

3 “(ii) building code officials, relating to  
4 improving implementation of and compli-  
5 ance with building energy codes;

6 “(B) to collect and disseminate quan-  
7 titative data on construction and codes imple-  
8 mentation, including code pathways, perform-  
9 ance metrics, and technologies used;

10 “(C) to develop and implement a plan for  
11 highly effective codes implementation, including  
12 measuring compliance;

13 “(D) to address various implementation  
14 needs in rural, suburban, and urban areas; and

15 “(E) to implement updates in energy codes  
16 for—

17 “(i) new residential and commercial  
18 buildings (including multifamily buildings);  
19 and

20 “(ii) additions and alterations to ex-  
21 isting residential and commercial buildings  
22 (including multifamily buildings).

23 “(2) RELATED TOPICS.—Training and mate-  
24 rials provided using a grant under this section may

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1 include information on the relationship between en-  
2 ergy codes and—

3 “(A) cost-effective, high-performance, and  
4 zero-net-energy buildings;

5 “(B) improving resilience, health, and safe-  
6 ty;

7 “(C) water savings and other environ-  
8 mental impacts; and

9 “(D) the economic impacts of energy  
10 codes.

11 “(e) AUTHORIZATION OF APPROPRIATIONS.—There  
12 is authorized to be appropriated to the Secretary to carry  
13 out this section \$225,000,000 for the period of fiscal years  
14 2022 through 2026.”.

15 (b) CONFORMING AMENDMENT.—Section 303 of the  
16 Energy Conservation and Production Act (42 U.S.C.  
17 6832) is amended, in the matter preceding paragraph (1),  
18 by striking “As used in” and inserting “Except as other-  
19 wise provided, in”.

20 **SEC. 30512. BUILDING, TRAINING, AND ASSESSMENT CEN-**  
21 **TERS.**

22 (a) IN GENERAL.—The Secretary shall provide  
23 grants to institutions of higher education (as defined in  
24 section 101 of the Higher Education Act of 1965 (20  
25 U.S.C. 1001)) and Tribal Colleges or Universities (as de-

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1 fined in section 316(b) of that Act (20 U.S.C. 1059c(b)))

2 to establish building training and assessment centers—

3 (1) to identify opportunities for optimizing en-  
4 ergy efficiency and environmental performance in  
5 buildings;

6 (2) to promote the application of emerging con-  
7 cepts and technologies in commercial and institu-  
8 tional buildings;

9 (3) to train engineers, architects, building sci-  
10 entists, building energy permitting and enforcement  
11 officials, and building technicians in energy-efficient  
12 design and operation;

13 (4) to assist institutions of higher education  
14 and Tribal Colleges or Universities in training build-  
15 ing technicians;

16 (5) to promote research and development for  
17 the use of alternative energy sources and distributed  
18 generation to supply heat and power for buildings,  
19 particularly energy-intensive buildings; and

20 (6) to coordinate with and assist State-accred-  
21 ited technical training centers, community colleges,  
22 Tribal Colleges or Universities, and local offices of  
23 the National Institute of Food and Agriculture and  
24 ensure appropriate services are provided under this  
25 section to each region of the United States.

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1 (b) COORDINATION AND NONDUPLICATION.—

2 (1) IN GENERAL.—The Secretary shall coordi-  
3 nate the program with the industrial research and  
4 assessment centers program under section 457 of  
5 the Energy Independence and Security Act of 2007  
6 (as added by section 30521(b)) and with other Fed-  
7 eral programs to avoid duplication of effort.

8 (2) COLLOCATION.—To the maximum extent  
9 practicable, building, training, and assessment cen-  
10 ters established under this section shall be collocated  
11 with industrial and research assessment centers (as  
12 defined in section 30531).

13 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
14 authorized to be appropriated to the Secretary to carry  
15 out this section \$10,000,000 for fiscal year 2022, to re-  
16 main available until expended.

17 **SEC. 30513. CAREER SKILLS TRAINING.**

18 (a) DEFINITION OF ELIGIBLE ENTITY.—In this sec-  
19 tion, the term “eligible entity” means a nonprofit partner-  
20 ship that—

21 (1) includes the equal participation of industry,  
22 including public or private employers, and labor or-  
23 ganizations, including joint labor-management train-  
24 ing programs;



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1           (2) may include workforce investment boards,  
2           community-based organizations, qualified service and  
3           conservation corps, educational institutions, small  
4           businesses, cooperatives, State and local veterans  
5           agencies, and veterans service organizations; and

6           (3) demonstrates—

7                   (A) experience in implementing and oper-  
8                   ating worker skills training and education pro-  
9                   grams;

10                   (B) the ability to identify and involve in  
11                   training programs carried out under this sec-  
12                   tion, target populations of individuals who  
13                   would benefit from training and be actively in-  
14                   volved in activities relating to energy efficiency  
15                   and renewable energy industries; and

16                   (C) the ability to help individuals achieve  
17                   economic self-sufficiency.

18           (b) **ESTABLISHMENT.**—The Secretary shall award  
19           grants to eligible entities to pay the Federal share of asso-  
20           ciated career skills training programs under which stu-  
21           dents concurrently receive classroom instruction and on-  
22           the-job training for the purpose of obtaining an industry-  
23           related certification to install energy efficient buildings  
24           technologies.

1826

1 (c) FEDERAL SHARE.—The Federal share of the cost  
2 of carrying out a career skills training program described  
3 in subsection (b) shall be 50 percent.

4 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
5 authorized to be appropriated to the Secretary to carry  
6 out this section \$10,000,000 for fiscal year 2022, to re-  
7 main available until expended.

8 **SEC. 30514. COMMERCIAL BUILDING ENERGY CONSUMP-**  
9 **TION INFORMATION SHARING.**

10 (a) DEFINITIONS.—In this section:

11 (1) ADMINISTRATOR.—The term “Adminis-  
12 trator” means the Administrator of the Energy In-  
13 formation Administration.

14 (2) AGREEMENT.—The term “Agreement”  
15 means the agreement entered into under subsection  
16 (b).

17 (3) SURVEY.—The term “Survey” means the  
18 Commercial Building Energy Consumption Survey.

19 (b) AUTHORIZATION OF AGREEMENT.—Not later  
20 than 120 days after the date of enactment of this Act,  
21 the Administrator and the Administrator of the Environ-  
22 mental Protection Agency shall sign, and submit to Con-  
23 gress, an information sharing agreement relating to com-  
24 mercial building energy consumption data.

1827

1 (c) CONTENT OF AGREEMENT.—The Agreement  
2 shall—

3 (1) provide, to the extent permitted by law,  
4 that—

5 (A) the Administrator shall have access to  
6 building-specific data in the Portfolio Manager  
7 database of the Environmental Protection  
8 Agency; and

9 (B) the Administrator of the Environ-  
10 mental Protection Agency shall have access to  
11 building-specific data collected by the Survey;

12 (2) describe the manner in which the Adminis-  
13 trator shall use the data described in paragraph (1)  
14 and subsection (d);

15 (3) describe and compare—

16 (A) the methodologies that the Energy In-  
17 formation Administration, the Environmental  
18 Protection Agency, and State and local govern-  
19 ment managers use to maximize the quality, re-  
20 liability, and integrity of data collected through  
21 the Survey, the Portfolio Manager database of  
22 the Environmental Protection Agency, and  
23 State and local building energy disclosure laws  
24 (including regulations), respectively, and the

1828

1 manner in which those methodologies can be  
2 improved; and

3 (B) consistencies and variations in data for  
4 the same buildings captured in—

5 (i)(I) the 2018 Survey cycle; and

6 (II) each subsequent Survey cycle;

7 and

8 (ii) the Portfolio Manager database of  
9 the Environmental Protection Agency; and

10 (4) consider whether, and the methods by  
11 which, the Administrator may collect and publish  
12 new iterations of Survey data every 3 years—

13 (A) using the Survey processes of the Ad-  
14 ministrator; or

15 (B) as supplemented by information in the  
16 Portfolio Manager database of the Environ-  
17 mental Protection Agency.

18 (d) DATA.—The data referred in subsection (c)(2) in-  
19 cludes data that—

20 (1) is collected through the Portfolio Manager  
21 database of the Environmental Protection Agency;

22 (2) is required to be publicly available on the  
23 internet under State and local government building  
24 energy disclosure laws (including regulations); and

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1 (3) includes information on private sector build-  
2 ings that are not less than 250,000 square feet.

3 (e) PROTECTION OF INFORMATION.—In carrying out  
4 the agreement, the Administrator and the Administrator  
5 of the Environmental Protection Agency shall protect in-  
6 formation in accordance with—

7 (1) section 552(b)(4) of title 5, United States  
8 Code (commonly known as the “Freedom of Infor-  
9 mation Act”);

10 (2) subchapter III of chapter 35 of title 44,  
11 United States Code; and

12 (3) any other applicable law (including regula-  
13 tions).

14 **Subtitle C—Industrial Energy**  
15 **Efficiency**

16 **PART I—INDUSTRY**

17 **SEC. 30521. FUTURE OF INDUSTRY PROGRAM AND INDUS-**  
18 **TRIAL RESEARCH AND ASSESSMENT CEN-**  
19 **TERS.**

20 (a) FUTURE OF INDUSTRY PROGRAM.—

21 (1) IN GENERAL.—Section 452 of the Energy  
22 Independence and Security Act of 2007 (42 U.S.C.  
23 17111) is amended—

1830

1 (A) by striking the section heading and in-  
2 serting the following: “future of industry pro-  
3 gram”;

4 (B) in subsection (a)(2)—

5 (i) by redesignating subparagraph (E)  
6 as subparagraph (F); and

7 (ii) by inserting after subparagraph  
8 (D) the following:

9 “(E) water and wastewater treatment fa-  
10 cilities, including systems that treat municipal,  
11 industrial, and agricultural waste; and”;

12 (C) by striking subsection (e); and

13 (D) by redesignating subsection (f) as sub-  
14 section (e).

15 (2) CONFORMING AMENDMENT.—Section  
16 454(b)(2)(C) of the Energy Independence and Secu-  
17 rity Act of 2007 (42 U.S.C. 17113(b)(2)(C)) is  
18 amended by striking “energy-intensive industries”  
19 and inserting “Future of Industry”.

20 (b) INDUSTRIAL RESEARCH AND ASSESSMENT CEN-  
21 TERS.—Subtitle D of title IV of the Energy Independence  
22 and Security Act of 2007 (42 U.S.C. 17111 et seq.) is  
23 amended by adding at the end the following:

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1 **“SEC. 457. INDUSTRIAL RESEARCH AND ASSESSMENT CEN-**  
2 **TERS.**

3 “(a) DEFINITIONS.—In this section:

4 “(1) COVERED PROJECT.—The term ‘covered  
5 project’ means a project—

6 “(A) that has been recommended in an en-  
7 ergy assessment described in paragraph (2)(A)  
8 conducted for an eligible entity; and

9 “(B) with respect to which the plant site  
10 of that eligible entity—

11 “(i) improves—

12 “(I) energy efficiency;

13 “(II) material efficiency;

14 “(III) cybersecurity; or

15 “(IV) productivity; or

16 “(ii) reduces—

17 “(I) waste production;

18 “(II) greenhouse gas emissions;

19 or

20 “(III) nongreenhouse gas pollu-  
21 tion.

22 “(2) ELIGIBLE ENTITY.—The term ‘eligible en-  
23 tity’ means a small- or medium-sized manufacturer  
24 that has had an energy assessment completed by—

25 “(A) an industrial research and assessment  
26 center;

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1           “(B) a Department of Energy Combined  
2           Heat and Power Technical Assistance Partner-  
3           ship jointly with an industrial research and as-  
4           sessment center; or

5           “(C) a third-party assessor that provides  
6           an assessment equivalent to an assessment de-  
7           scribed in subparagraph (A) or (B), as deter-  
8           mined by the Secretary.

9           “(3) ENERGY SERVICE PROVIDER.—The term  
10          ‘energy service provider’ means—

11           “(A) any business providing technology or  
12           services to improve the energy efficiency, water  
13           efficiency, power factor, or load management of  
14           a manufacturing site or other industrial process  
15           in an energy-intensive industry (as defined in  
16           section 452(a)); and

17           “(B) any utility operating under a utility  
18           energy service project.

19           “(4) INDUSTRIAL RESEARCH AND ASSESSMENT  
20          CENTER.—The term ‘industrial research and assess-  
21          ment center’ means—

22           “(A) an institution of higher education-  
23           based industrial research and assessment center  
24           that is funded by the Secretary under sub-  
25           section (b); and



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1           “(B) an industrial research and assess-  
2           ment center at a trade school, community col-  
3           lege, or union training program that is funded  
4           by the Secretary under subsection (f).

5           “(5) PROGRAM.—The term ‘Program’ means  
6           the program for implementation grants established  
7           under subsection (i)(1).

8           “(6) SMALL- OR MEDIUM-SIZED MANUFAC-  
9           TURER.—The term ‘small- or medium-sized manu-  
10          facturer’ means a manufacturing firm—

11           “(A) the gross annual sales of which are  
12          less than \$100,000,000;

13           “(B) that has fewer than 500 employees at  
14          the plant site of the manufacturing firm; and

15           “(C) the annual energy bills of which total  
16          more than \$100,000 but less than \$3,500,000.

17          “(b) INSTITUTION OF HIGHER EDUCATION-BASED  
18          INDUSTRIAL RESEARCH AND ASSESSMENT CENTERS.—

19           “(1) IN GENERAL.—The Secretary shall provide  
20          funding to institution of higher education-based in-  
21          dustrial research and assessment centers.

22           “(2) PURPOSE.—The purpose of each institu-  
23          tion of higher education-based industrial research  
24          and assessment center shall be—

1834

1           “(A) to provide in-depth assessments of  
2           small- and medium-sized manufacturer plant  
3           sites to evaluate the facilities, services, and  
4           manufacturing operations of the plant sites;

5           “(B) to identify opportunities for opti-  
6           mizing energy efficiency and environmental per-  
7           formance, including implementation of—

8                   “(i) smart manufacturing;

9                   “(ii) energy management systems;

10                   “(iii) sustainable manufacturing;

11                   “(iv) information technology advance-  
12                   ments for supply chain analysis, logistics,  
13                   system monitoring, industrial and manu-  
14                   facturing processes, and other purposes;  
15                   and

16                   “(v) waste management systems;

17           “(C) to promote applications of emerging  
18           concepts and technologies in small- and me-  
19           dium-sized manufacturers (including water and  
20           wastewater treatment facilities and federally  
21           owned manufacturing facilities);

22           “(D) to promote research and development  
23           for the use of alternative energy sources to sup-  
24           ply heat, power, and new feedstocks for energy-  
25           intensive industries;

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1           “(E) to coordinate with appropriate Fed-  
2           eral and State research offices;

3           “(F) to provide a clearinghouse for indus-  
4           trial process and energy efficiency technical as-  
5           sistance resources; and

6           “(G) to coordinate with State-accredited  
7           technical training centers and community col-  
8           leges, while ensuring appropriate services to all  
9           regions of the United States.

10          “(c) COORDINATION.—To increase the value and ca-  
11          pabilities of the industrial research and assessment cen-  
12          ters, the centers shall—

13               “(1) coordinate with Manufacturing Extension  
14          Partnership Centers of the National Institute of  
15          Standards and Technology;

16               “(2) coordinate with the Federal Energy Man-  
17          agement Program and the Building Technologies Of-  
18          fice of the Department of Energy to provide building  
19          assessment services to manufacturers;

20               “(3) increase partnerships with the National  
21          Laboratories of the Department of Energy to lever-  
22          age the expertise, technologies, and research and de-  
23          velopment capabilities of the National Laboratories  
24          for national industrial and manufacturing needs;

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1           “(4) increase partnerships with energy service  
2 providers and technology providers to leverage pri-  
3 vate sector expertise and accelerate deployment of  
4 new and existing technologies and processes for en-  
5 ergy efficiency, power factor, and load management;

6           “(5) identify opportunities for reducing green-  
7 house gas emissions and other air emissions; and

8           “(6) promote sustainable manufacturing prac-  
9 tices for small- and medium-sized manufacturers.

10          “(d) OUTREACH.—The Secretary shall provide fund-  
11 ing for—

12           “(1) outreach activities by the industrial re-  
13 search and assessment centers to inform small- and  
14 medium-sized manufacturers of the information,  
15 technologies, and services available; and

16           “(2) coordination activities by each industrial  
17 research and assessment center to leverage efforts  
18 with—

19           “(A) Federal, State, and Tribal efforts;

20           “(B) the efforts of utilities and energy  
21 service providers;

22           “(C) the efforts of regional energy effi-  
23 ciency organizations; and

24           “(D) the efforts of other industrial re-  
25 search and assessment centers.

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1 “(e) CENTERS OF EXCELLENCE.—

2 “(1) ESTABLISHMENT.—The Secretary shall es-  
3 tablish a Center of Excellence at not more than 5  
4 of the highest-performing industrial research and as-  
5 sessment centers, as determined by the Secretary.

6 “(2) DUTIES.—A Center of Excellence shall co-  
7 ordinate with and advise the industrial research and  
8 assessment centers located in the region of the Cen-  
9 ter of Excellence, including—

10 “(A) by mentoring new directors and staff  
11 of the industrial research and assessment cen-  
12 ters with respect to—

13 “(i) the availability of resources; and

14 “(ii) best practices for carrying out  
15 assessments, including through the partici-  
16 pation of the staff of the Center of Excel-  
17 lence in assessments carried out by new in-  
18 dustrial research and assessment centers;

19 “(B) by providing training to staff and  
20 students at the industrial research and assess-  
21 ment centers on new technologies, practices,  
22 and tools to expand the scope and impact of the  
23 assessments carried out by the centers;

24 “(C) by assisting the industrial research  
25 and assessment centers with specialized tech-

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1 nical opportunities, including by providing a  
2 clearinghouse of available expertise and tools to  
3 assist the centers and clients of the centers in  
4 assessing and implementing those opportunities;

5 “(D) by identifying and coordinating with  
6 regional, State, local, Tribal, and utility energy  
7 efficiency programs for the purpose of facili-  
8 tating efforts by industrial research and assess-  
9 ment centers to connect industrial facilities re-  
10 ceiving assessments from those centers with re-  
11 gional, State, local, and utility energy efficiency  
12 programs that could aid the industrial facilities  
13 in implementing any recommendations resulting  
14 from the assessments;

15 “(E) by facilitating coordination between  
16 the industrial research and assessment centers  
17 and other Federal programs described in para-  
18 graphs (1) through (3) of subsection (c); and

19 “(F) by coordinating the outreach activi-  
20 ties of the industrial research and assessment  
21 centers under subsection (d)(1).

22 “(3) FUNDING.—For each fiscal year, out of  
23 any amounts made available to carry out this section  
24 under subsection (j), the Secretary shall use not less  
25 than \$500,000 to support each Center of Excellence.

1839

1 “(f) EXPANSION OF INDUSTRIAL RESEARCH AND AS-  
2 SESSMENT CENTERS.—

3 “(1) IN GENERAL.—The Secretary shall provide  
4 funding to establish additional industrial research  
5 and assessment centers at trade schools, community  
6 colleges, and union training programs.

7 “(2) PURPOSE.—

8 “(A) IN GENERAL.—Subject to subpara-  
9 graph (B), to the maximum extent practicable,  
10 an industrial research and assessment center  
11 established under paragraph (1) shall have the  
12 same purpose as an institution of higher edu-  
13 cation-based industrial research center that is  
14 funded by the Secretary under subsection  
15 (b)(1).

16 “(B) CONSIDERATION OF CAPABILITIES.—  
17 In evaluating or establishing the purpose of an  
18 industrial research and assessment center es-  
19 tablished under paragraph (1), the Secretary  
20 shall take into consideration the varying capa-  
21 bilities of trade schools, community colleges,  
22 and union training programs.

23 “(g) WORKFORCE TRAINING.—

24 “(1) INTERNSHIPS.—The Secretary shall pay  
25 the Federal share of associated internship programs

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1 under which students work with or for industries,  
2 manufacturers, and energy service providers to im-  
3 plement the recommendations of industrial research  
4 and assessment centers.

5 “(2) APPRENTICESHIPS.—The Secretary shall  
6 pay the Federal share of associated apprenticeship  
7 programs under which—

8 “(A) students work with or for industries,  
9 manufacturers, and energy service providers to  
10 implement the recommendations of industrial  
11 research and assessment centers; and

12 “(B) employees of facilities that have re-  
13 ceived an assessment from an industrial re-  
14 search and assessment center work with or for  
15 an industrial research and assessment center to  
16 gain knowledge on engineering practices and  
17 processes to improve productivity and energy  
18 savings.

19 “(3) FEDERAL SHARE.—The Federal share of  
20 the cost of carrying out internship programs de-  
21 scribed in paragraph (1) and apprenticeship pro-  
22 grams described in paragraph (2) shall be 50 per-  
23 cent.

24 “(h) SMALL BUSINESS LOANS.—The Administrator  
25 of the Small Business Administration shall, to the max-



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1 imum extent practicable, expedite consideration of applica-  
2 tions from eligible small business concerns for loans under  
3 the Small Business Act (15 U.S.C. 631 et seq.) to imple-  
4 ment recommendations developed by the industrial re-  
5 search and assessment centers.

6 “(i) IMPLEMENTATION GRANTS.—

7 “(1) IN GENERAL.—The Secretary shall estab-  
8 lish a program under which the Secretary shall pro-  
9 vide grants to eligible entities to implement covered  
10 projects.

11 “(2) APPLICATION.—An eligible entity seeking  
12 a grant under the Program shall submit to the Sec-  
13 retary an application at such time, in such manner,  
14 and containing such information as the Secretary  
15 may require, including a demonstration of need for  
16 financial assistance to implement the proposed cov-  
17 ered project.

18 “(3) PRIORITY.—In awarding grants under the  
19 Program, the Secretary shall give priority to eligible  
20 entities that—

21 “(A) have had an energy assessment com-  
22 pleted by an industrial research and assessment  
23 center; and

24 “(B) propose to carry out a covered project  
25 with a greater potential for—

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1 “(i) energy efficiency gains; or

2 “(ii) greenhouse gas emissions reduc-  
3 tions.

4 “(4) GRANT AMOUNT.—

5 “(A) MAXIMUM AMOUNT.—The amount of  
6 a grant provided to an eligible entity under the  
7 Program shall not exceed \$300,000.

8 “(B) FEDERAL SHARE.—A grant awarded  
9 under the Program for a covered project shall  
10 be in an amount that is not more than 50 per-  
11 cent of the cost of the covered project.

12 “(C) SUPPLEMENT.—A grant received by  
13 an eligible entity under the Program shall sup-  
14 plement, not supplant, any private or State  
15 funds available to the eligible entity to carry  
16 out the covered project.

17 “(j) AUTHORIZATION OF APPROPRIATIONS.—There  
18 are authorized to be appropriated to the Secretary for the  
19 period of fiscal years 2022 through 2026—

20 “(1) \$150,000,000 to carry out subsections (a)  
21 through (h); and

22 “(2) \$400,000,000 to carry out subsection (i).”.

23 (c) CLERICAL AMENDMENT.—The table of contents  
24 of the Energy Independence and Security Act of 2007 (42

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1 U.S.C. prec. 17001) is amended by adding at the end of  
2 the items relating to subtitle D of title IV the following:

“Sec. 457. Industrial research and assessment centers.”.

3 **SEC. 30522. SUSTAINABLE MANUFACTURING INITIATIVE.**

4 (a) IN GENERAL.—Part E of title III of the Energy  
5 Policy and Conservation Act (42 U.S.C. 6341 et seq.) is  
6 amended by adding at the end the following:

7 **“SEC. 376. SUSTAINABLE MANUFACTURING INITIATIVE.**

8 “(a) IN GENERAL.—As part of the Office of Energy  
9 Efficiency and Renewable Energy of the Department of  
10 Energy, the Secretary, on the request of a manufacturer,  
11 shall carry out onsite technical assessments to identify op-  
12 portunities for—

13 “(1) maximizing the energy efficiency of indus-  
14 trial processes and cross-cutting systems;

15 “(2) preventing pollution and minimizing waste;

16 “(3) improving efficient use of water in manu-  
17 facturing processes;

18 “(4) conserving natural resources; and

19 “(5) achieving such other goals as the Secretary  
20 determines to be appropriate.

21 “(b) COORDINATION.—To implement any rec-  
22 ommendations resulting from an onsite technical assess-  
23 ment carried out under subsection (a) and to accelerate  
24 the adoption of new and existing technologies and proc-

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1 esses that improve energy efficiency, the Secretary shall  
2 coordinate with—

3 “(1) the Advanced Manufacturing Office of the  
4 Department of Energy;

5 “(2) the Building Technologies Office of the  
6 Department of Energy;

7 “(3) the Federal Energy Management Program  
8 of the Department of Energy; and

9 “(4) the private sector and other appropriate  
10 agencies, including the National Institute of Stand-  
11 ards and Technology.

12 “(c) RESEARCH AND DEVELOPMENT PROGRAM FOR  
13 SUSTAINABLE MANUFACTURING AND INDUSTRIAL TECH-  
14 NOLOGIES AND PROCESSES.—As part of the industrial ef-  
15 ficiency programs of the Department of Energy, the Sec-  
16 retary shall carry out a joint industry-government partner-  
17 ship program to research, develop, and demonstrate new  
18 sustainable manufacturing and industrial technologies and  
19 processes that maximize the energy efficiency of industrial  
20 plants, reduce pollution, and conserve natural resources.”.

21 (b) CLERICAL AMENDMENT.—The table of contents  
22 of the Energy Policy and Conservation Act (42 U.S.C.  
23 prec. 6201) is amended by adding at the end of the items  
24 relating to part E of title III the following:

“Sec. 376. Sustainable manufacturing initiative.”.

1845

**1 PART II—SMART MANUFACTURING****2 SEC. 30531. DEFINITIONS.**

3 In this part:

4 (1) ENERGY MANAGEMENT SYSTEM.—The term  
5 “energy management system” means a business  
6 management process based on standards of the  
7 American National Standards Institute that enables  
8 an organization to follow a systematic approach in  
9 achieving continual improvement of energy perform-  
10 ance, including energy efficiency, security, use, and  
11 consumption.

12 (2) INDUSTRIAL AND RESEARCH ASSESSMENT  
13 CENTER.—The term “industrial and research assess-  
14 ment center” means a center located at an institu-  
15 tion of higher education, a trade school, a commu-  
16 nity college, or a union training program that—

17 (A) receives funding from the Department;

18 (B) provides an in-depth assessment of  
19 small- and medium-size manufacturer plant  
20 sites to evaluate the facilities, services, and  
21 manufacturing operations of the plant site; and

22 (C) identifies opportunities for potential  
23 savings for small- and medium-size manufac-  
24 turer plant sites from energy efficiency improve-  
25 ments, waste minimization, pollution preven-  
26 tion, and productivity improvement.

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1           (3) INFORMATION AND COMMUNICATION TECH-  
2           NOLOGY.—The term “information and communica-  
3           tion technology” means any electronic system or  
4           equipment (including the content contained in the  
5           system or equipment) used to create, convert, com-  
6           municate, or duplicate data or information, including  
7           computer hardware, firmware, software, communica-  
8           tion protocols, networks, and data interfaces.

9           (4) INSTITUTION OF HIGHER EDUCATION.—The  
10          term “institution of higher education” has the  
11          meaning given the term in section 101(a) of the  
12          Higher Education Act of 1965 (20 U.S.C. 1001(a)).

13          (5) NORTH AMERICAN INDUSTRY CLASSIFICA-  
14          TION SYSTEM.—The term “North American Indus-  
15          try Classification System” means the standard used  
16          by Federal statistical agencies in classifying business  
17          establishments for the purpose of collecting, ana-  
18          lyzing, and publishing statistical data relating to the  
19          business economy of the United States.

20          (6) SMALL AND MEDIUM MANUFACTURERS.—  
21          The term “small and medium manufacturers”  
22          means manufacturing firms—

23                 (A) classified in the North American In-  
24                 dustry Classification System as any of sectors  
25                 31 through 33;

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1 (B) with gross annual sales of less than  
2 \$100,000,000;

3 (C) with fewer than 500 employees at the  
4 plant site; and

5 (D) with annual energy bills totaling more  
6 than \$100,000 and less than \$3,500,000.

7 (7) SMART MANUFACTURING.—The term  
8 “smart manufacturing” means advanced tech-  
9 nologies in information, automation, monitoring,  
10 computation, sensing, modeling, artificial intel-  
11 ligence, analytics, and networking that—

12 (A) digitally—

13 (i) simulate manufacturing production  
14 lines;

15 (ii) operate computer-controlled man-  
16 ufacturing equipment;

17 (iii) monitor and communicate pro-  
18 duction line status; and

19 (iv) manage and optimize energy pro-  
20 ductivity and cost throughout production;

21 (B) model, simulate, and optimize the en-  
22 ergy efficiency of a factory building;

23 (C) monitor and optimize building energy  
24 performance;

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1 (D) model, simulate, and optimize the de-  
2 sign of energy efficient and sustainable prod-  
3 ucts, including the use of digital prototyping  
4 and additive manufacturing to enhance product  
5 design;

6 (E) connect manufactured products in net-  
7 works to monitor and optimize the performance  
8 of the networks, including automated network  
9 operations; and

10 (F) digitally connect the supply chain net-  
11 work.

12 **SEC. 30532. LEVERAGING EXISTING AGENCY PROGRAMS TO**  
13 **ASSIST SMALL AND MEDIUM MANUFACTUR-**  
14 **ERS.**

15 The Secretary shall expand the scope of technologies  
16 covered by the industrial and research assessment centers  
17 of the Department—

18 (1) to include smart manufacturing technologies  
19 and practices; and

20 (2) to equip the directors of the industrial and  
21 research assessment centers with the training and  
22 tools necessary to provide technical assistance in  
23 smart manufacturing technologies and practices, in-  
24 cluding energy management systems, to manufactur-  
25 ers.



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1 **SEC. 30533. LEVERAGING SMART MANUFACTURING INFRA-**  
2 **STRUCTURE AT NATIONAL LABORATORIES.**

3 (a) STUDY.—

4 (1) IN GENERAL.—Not later than 180 days  
5 after the date of enactment of this Act, the Sec-  
6 retary shall conduct a study on how the Department  
7 can increase access to existing high-performance  
8 computing resources in the National Laboratories,  
9 particularly for small and medium manufacturers.

10 (2) INCLUSIONS.—In identifying ways to in-  
11 crease access to National Laboratories under para-  
12 graph (1), the Secretary shall—

13 (A) focus on increasing access to the com-  
14 puting facilities of the National Laboratories;  
15 and

16 (B) ensure that—

17 (i) the information from the manufac-  
18 turer is protected; and

19 (ii) the security of the National Lab-  
20 oratory facility is maintained.

21 (3) REPORT.—Not later than 1 year after the  
22 date of enactment of this Act, the Secretary shall  
23 submit to Congress a report describing the results of  
24 the study.

25 (b) ACTIONS FOR INCREASED ACCESS.—The Sec-  
26 retary shall facilitate access to the National Laboratories

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1 studied under subsection (a) for small and medium manu-  
2 facturers so that small and medium manufacturers can  
3 fully use the high-performance computing resources of the  
4 National Laboratories to enhance the manufacturing com-  
5 petitiveness of the United States.

6 **SEC. 30534. STATE MANUFACTURING LEADERSHIP.**

7 (a) FINANCIAL ASSISTANCE AUTHORIZED.—The  
8 Secretary may provide financial assistance on a competi-  
9 tive basis to States for the establishment of programs to  
10 be used as models for supporting the implementation of  
11 smart manufacturing technologies.

12 (b) APPLICATIONS.—

13 (1) IN GENERAL.—To be eligible to receive fi-  
14 nancial assistance under this section, a State shall  
15 submit to the Secretary an application at such time,  
16 in such manner, and containing such information as  
17 the Secretary may require.

18 (2) CRITERIA.—The Secretary shall evaluate an  
19 application for financial assistance under this section  
20 on the basis of merit using criteria identified by the  
21 Secretary, including—

22 (A) technical merit, innovation, and im-  
23 pact;

24 (B) research approach, workplan, and  
25 deliverables;

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1 (C) academic and private sector partners;

2 and

3 (D) alternate sources of funding.

4 (c) REQUIREMENTS.—

5 (1) TERM.—The term of an award of financial  
6 assistance under this section shall not exceed 3  
7 years.

8 (2) MAXIMUM AMOUNT.—The amount of an  
9 award of financial assistance under this section shall  
10 be not more than \$2,000,000.

11 (3) MATCHING REQUIREMENT.—Each State  
12 that receives financial assistance under this section  
13 shall contribute matching funds in an amount equal  
14 to not less than 30 percent of the amount of the fi-  
15 nancial assistance.

16 (d) USE OF FUNDS.—A State may use financial as-  
17 sistance provided under this section—

18 (1) to facilitate access to high-performance  
19 computing resources for small and medium manufac-  
20 turers; and

21 (2) to provide assistance to small and medium  
22 manufacturers to implement smart manufacturing  
23 technologies and practices.

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1 (e) EVALUATION.—The Secretary shall conduct semi-  
2 annual evaluations of each award of financial assistance  
3 under this section—

4 (1) to determine the impact and effectiveness of  
5 programs funded with the financial assistance; and

6 (2) to provide guidance to States on ways to  
7 better execute the program of the State.

8 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
9 authorized to be appropriated to the Secretary to carry  
10 out this section \$50,000,000 for the period of fiscal years  
11 2022 through 2026.

12 **SEC. 30535. REPORT.**

13 The Secretary annually shall submit to Congress and  
14 make publicly available a report on the progress made in  
15 advancing smart manufacturing in the United States.

16 **Subtitle D—Schools and Nonprofits**

17 **SEC. 30541. GRANTS FOR ENERGY EFFICIENCY IMPROVE-**

18 **MENTS AND RENEWABLE ENERGY IMPROVE-**

19 **MENTS AT PUBLIC SCHOOL FACILITIES.**

20 (a) DEFINITIONS.—In this section:

21 (1) ALTERNATIVE FUELED VEHICLE.—The  
22 term “alternative fueled vehicle” has the meaning  
23 given the term in section 301 of the Energy Policy  
24 Act of 1992 (42 U.S.C. 13211).

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1           (2) ALTERNATIVE FUELED VEHICLE INFRA-  
2           STRUCTURE.—The term “alternative fueled vehicle  
3           infrastructure” means infrastructure used to charge  
4           or fuel an alternative fueled vehicle.

5           (3) ELIGIBLE ENTITY.—The term “eligible enti-  
6           ty” means a consortium of—

7                   (A) 1 local educational agency; and

8                   (B) 1 or more—

9                           (i) schools;

10                           (ii) nonprofit organizations that have  
11                           the knowledge and capacity to partner and  
12                           assist with energy improvements;

13                           (iii) for-profit organizations that have  
14                           the knowledge and capacity to partner and  
15                           assist with energy improvements; or

16                           (iv) community partners that have the  
17                           knowledge and capacity to partner and as-  
18                           sist with energy improvements.

19           (4) ENERGY IMPROVEMENT.—The term “en-  
20           ergy improvement” means—

21                   (A) any improvement, repair, or renovation  
22                   to a school that results in a direct reduction in  
23                   school energy costs, including improvements to  
24                   the envelope, air conditioning system, ventila-  
25                   tion system, heating system, domestic hot water

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1 heating system, compressed air system, dis-  
2 tribution system, lighting system, power system,  
3 and controls of a building;

4 (B) any improvement, repair, or renovation  
5 to, or installation in, a school that—

6 (i) leads to an improvement in teacher  
7 and student health, including indoor air  
8 quality; and

9 (ii) achieves energy savings;

10 (C) any improvement, repair, or renovation  
11 to a school involving the installation of renew-  
12 able energy technologies;

13 (D) the installation of alternative fueled  
14 vehicle infrastructure on school grounds for—

15 (i) exclusive use of school buses,  
16 school fleets, or students; or

17 (ii) the general public; and

18 (E) the purchase or lease of alternative  
19 fueled vehicles to be used by a school, including  
20 school buses, fleet vehicles, and other oper-  
21 ational vehicles.

22 (5) HIGH SCHOOL.—The term “high school”  
23 has the meaning given the term in section 8101 of  
24 the Elementary and Secondary Education Act of  
25 1965 (20 U.S.C. 7801).

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1           (6) LOCAL EDUCATIONAL AGENCY.—The term  
2           “local educational agency” has the meaning given  
3           the term in section 8101 of the Elementary and Sec-  
4           ondary Education Act of 1965 (20 U.S.C. 7801).

5           (7) NONPROFIT ORGANIZATION.—The term  
6           “nonprofit organization” means a nonprofit organi-  
7           zation described in section 501(c)(3) of the Internal  
8           Revenue Code of 1986 that is exempt from tax  
9           under section 501(a) of such Code.

10          (8) PARTNERING LOCAL EDUCATIONAL AGEN-  
11          CY.—The term “partnering local educational agen-  
12          cy”, with respect to an eligible entity, means the  
13          local educational agency participating in the consor-  
14          tium of the eligible entity.

15          (b) GRANTS.—The Secretary shall award competitive  
16          grants to eligible entities to make energy improvements  
17          in accordance with this section.

18          (c) APPLICATIONS.—

19                (1) IN GENERAL.—An eligible entity desiring a  
20                grant under this section shall submit to the Sec-  
21                retary an application at such time, in such manner,  
22                and containing such information as the Secretary  
23                may require.

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1           (2) CONTENTS.—The application submitted  
2 under paragraph (1) shall include each of the fol-  
3 lowing:

4           (A) A needs assessment of the current con-  
5 dition of the school and school facilities that  
6 would receive the energy improvements if the  
7 application were approved.

8           (B) A draft work plan of the intended  
9 achievements of the eligible entity at the school.

10           (C) A description of the energy improve-  
11 ments that the eligible entity would carry out at  
12 the school if the application were approved.

13           (D) A description of the capacity of the eli-  
14 gible entity to provide services and comprehen-  
15 sive support to make the energy improvements  
16 referred to in subparagraph (C).

17           (E) An assessment of the expected needs  
18 of the eligible entity for operation and mainte-  
19 nance training funds, and a plan for use of  
20 those funds, if applicable.

21           (F) An assessment of the expected energy  
22 efficiency, energy savings, and safety benefits of  
23 the energy improvements.

24           (G) A cost estimate of the proposed energy  
25 improvements.



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1 (H) An identification of other resources  
2 that are available to carry out the activities for  
3 which grant funds are requested under this sec-  
4 tion, including the availability of utility pro-  
5 grams and public benefit funds.

6 (d) PRIORITY.—

7 (1) IN GENERAL.—In awarding grants under  
8 this section, the Secretary shall give priority to an  
9 eligible entity—

10 (A) that has renovation, repair, and im-  
11 provement funding needs;

12 (B)(i) that, as determined by the Sec-  
13 retary, serves a high percentage of students, in-  
14 cluding students in a high school in accordance  
15 with paragraph (2), who are eligible for a free  
16 or reduced price lunch under the Richard B.  
17 Russell National School Lunch Act (42 U.S.C.  
18 1751 et seq.); or

19 (ii) the partnering local educational agency  
20 of which is designated with a school district lo-  
21 cale code of 41, 42, or 43, as determined by the  
22 National Center for Education Statistics in con-  
23 sultation with the Bureau of the Census; and

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1 (C) that leverages private sector invest-  
2 ment through energy-related performance con-  
3 tracting.

4 (2) HIGH SCHOOL STUDENTS.—In the case of  
5 students in a high school, the percentage of students  
6 eligible for a free or reduced price lunch described  
7 in paragraph (1)(B)(i) shall be calculated using data  
8 from the schools that feed into the high school.

9 (e) COMPETITIVE CRITERIA.—The competitive cri-  
10 teria used by the Secretary to award grants under this  
11 section shall include the following:

12 (1) The extent of the disparity between the fis-  
13 cal capacity of the eligible entity to carry out energy  
14 improvements at school facilities and the needs of  
15 the partnering local educational agency for those en-  
16 ergy improvements, including consideration of—

17 (A) the current and historic ability of the  
18 partnering local educational agency to raise  
19 funds for construction, renovation, moderniza-  
20 tion, and major repair projects for schools;

21 (B) the ability of the partnering local edu-  
22 cational agency to issue bonds or receive other  
23 funds to support the current infrastructure  
24 needs of the partnering local educational agency  
25 for schools; and

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1 (C) the bond rating of the partnering local  
2 educational agency.

3 (2) The likelihood that the partnering local edu-  
4 cational agency or eligible entity will maintain, in  
5 good condition, any school and school facility that is  
6 the subject of improvements.

7 (3) The potential energy efficiency and safety  
8 benefits from the proposed energy improvements.

9 (f) USE OF GRANT AMOUNTS.—

10 (1) IN GENERAL.—Except as provided in this  
11 subsection, an eligible entity receiving a grant under  
12 this section shall use the grant amounts only to  
13 make the energy improvements described in the ap-  
14 plication submitted by the eligible entity under sub-  
15 section (c).

16 (2) OPERATION AND MAINTENANCE TRAIN-  
17 ING.—An eligible entity receiving a grant under this  
18 section may use not more than 5 percent of the  
19 grant amounts for operation and maintenance train-  
20 ing for energy efficiency and renewable energy im-  
21 provements, such as maintenance staff and teacher  
22 training, education, and preventative maintenance  
23 training.

24 (3) THIRD-PARTY INVESTIGATION AND ANAL-  
25 YSIS.—An eligible entity receiving a grant under this

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1 section may use a portion of the grant amounts for  
2 a third-party investigation and analysis of the en-  
3 ergy improvements carried out by the eligible entity,  
4 such as energy audits and existing building commis-  
5 sioning.

6 (4) CONTINUING EDUCATION.—An eligible enti-  
7 ty receiving a grant under this section may use not  
8 more than 3 percent of the grant amounts to develop  
9 a continuing education curriculum relating to energy  
10 improvements.

11 (g) COMPETITION IN CONTRACTING.—If an eligible  
12 entity receiving a grant under this section uses grant  
13 funds to carry out repair or renovation through a contract,  
14 the eligible entity shall be required to ensure that the con-  
15 tract process—

16 (1) through full and open competition, ensures  
17 the maximum practicable number of qualified bid-  
18 ders, including small, minority, and women-owned  
19 businesses; and

20 (2) gives priority to businesses located in, or re-  
21 sources common to, the State or geographical area  
22 in which the repair or renovation under the contract  
23 will be carried out.

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1 (h) BEST PRACTICES.—The Secretary shall develop  
2 and publish guidelines and best practices for activities car-  
3 ried out under this section.

4 (i) REPORT BY ELIGIBLE ENTITY.—An eligible entity  
5 receiving a grant under this section shall submit to the  
6 Secretary, at such time as the Secretary may require, a  
7 report describing—

8 (1) the use of the grant funds for energy im-  
9 provements;

10 (2) the estimated cost savings realized by those  
11 energy improvements;

12 (3) the results of any third-party investigation  
13 and analysis conducted relating to those energy im-  
14 provements;

15 (4) the use of any utility programs and public  
16 benefit funds; and

17 (5) the use of performance tracking for energy  
18 improvements, such as—

19 (A) the Energy Star program established  
20 under section 324A of the Energy Policy and  
21 Conservation Act (42 U.S.C. 6294a); or

22 (B) the United States Green Building  
23 Council Leadership in Energy and Environ-  
24 mental Design (LEED) green building rating  
25 system for existing buildings.

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1 (j) AUTHORIZATION OF APPROPRIATIONS.—There is  
2 authorized to be appropriated to the Secretary to carry  
3 out this section \$500,000,000 for the period of fiscal years  
4 2022 through 2026.

5 **SEC. 30542. ENERGY EFFICIENCY MATERIALS PILOT PRO-**  
6 **GRAM.**

7 (a) DEFINITIONS.—In this section:

8 (1) APPLICANT.—The term “applicant” means  
9 a nonprofit organization that applies for a grant  
10 under this section.

11 (2) ENERGY-EFFICIENCY MATERIAL.—

12 (A) IN GENERAL.—The term “energy-effi-  
13 ciency material” means a material (including a  
14 product, equipment, or system) the installation  
15 of which results in a reduction in use by a non-  
16 profit organization of energy or fuel.

17 (B) INCLUSIONS.—The term “energy-effi-  
18 ciency material” includes—

19 (i) a roof or lighting system or compo-  
20 nent of the system;

21 (ii) a window;

22 (iii) a door, including a security door;

23 and

24 (iv) a heating, ventilation, or air con-  
25 ditioning system or component of the sys-

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1           tem (including insulation and wiring and  
2           plumbing improvements needed to serve a  
3           more efficient system).

4           (3) NONPROFIT BUILDING.—The term “non-  
5           profit building” means a building operated and  
6           owned by an organization that is described in section  
7           501(c)(3) of the Internal Revenue Code of 1986 and  
8           exempt from tax under section 501(a) of such Code.

9           (b) ESTABLISHMENT.—Not later than 1 year after  
10          the date of enactment of this Act, the Secretary shall es-  
11          tablish a pilot program to award grants for the purpose  
12          of providing nonprofit buildings with energy-efficiency ma-  
13          terials.

14          (c) GRANTS.—

15           (1) IN GENERAL.—The Secretary may award  
16           grants under the program established under sub-  
17           section (b).

18           (2) APPLICATION.—The Secretary may award a  
19           grant under paragraph (1) if an applicant submits  
20           to the Secretary an application at such time, in such  
21           form, and containing such information as the Sec-  
22           retary may prescribe.

23           (3) CRITERIA FOR GRANT.—In determining  
24           whether to award a grant under paragraph (1), the

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1 Secretary shall apply performance-based criteria,  
2 which shall give priority to applicants based on—

3 (A) the energy savings achieved;

4 (B) the cost effectiveness of the use of en-  
5 ergy-efficiency materials;

6 (C) an effective plan for evaluation, meas-  
7 urement, and verification of energy savings; and

8 (D) the financial need of the applicant.

9 (4) LIMITATION ON INDIVIDUAL GRANT  
10 AMOUNT.—Each grant awarded under this section  
11 shall not exceed \$200,000.

12 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
13 authorized to be appropriated to the Secretary to carry  
14 out this section \$50,000,000 for the period of fiscal years  
15 2022 through 2026, to remain available until expended.

## 16 **Subtitle E—Miscellaneous**

### 17 **SEC. 30551. WEATHERIZATION ASSISTANCE PROGRAM.**

18 There is authorized to be appropriated to the Sec-  
19 retary for the weatherization assistance program estab-  
20 lished under part A of title IV of the Energy Conservation  
21 and Production Act (42 U.S.C. 6861 et seq.)  
22 \$3,500,000,000 for fiscal year 2022, to remain available  
23 until expended.



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1 **SEC. 30552. ENERGY EFFICIENCY AND CONSERVATION**  
2 **BLOCK GRANT PROGRAM.**

3 (a) USE OF FUNDS.—Section 544 of the Energy  
4 Independence and Security Act of 2007 (42 U.S.C.  
5 17154) is amended—

6 (1) in paragraph (13)(D), by striking “and”  
7 after the semicolon;

8 (2) by redesignating paragraph (14) as para-  
9 graph (15); and

10 (3) by inserting after paragraph (13) the fol-  
11 lowing:

12 “(14) programs for financing energy efficiency,  
13 renewable energy, and zero-emission transportation  
14 (and associated infrastructure), capital investments,  
15 projects, and programs, which may include loan pro-  
16 grams and performance contracting programs, for  
17 leveraging of additional public and private sector  
18 funds, and programs that allow rebates, grants, or  
19 other incentives for the purchase and installation of  
20 energy efficiency, renewable energy, and zero-emis-  
21 sion transportation (and associated infrastructure)  
22 measures; and”.

23 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
24 authorized to be appropriated to the Secretary for the En-  
25 ergy Efficiency and Conservation Block Grant Program  
26 established under section 542(a) of the Energy Independ-

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1 ence and Security Act of 2007 (42 U.S.C. 17152(a))  
2 \$550,000,000 for fiscal year 2022, to remain available  
3 until expended.

4 **SEC. 30553. SURVEY, ANALYSIS, AND REPORT ON EMPLOY-**  
5 **MENT AND DEMOGRAPHICS IN THE ENERGY,**  
6 **ENERGY EFFICIENCY, AND MOTOR VEHICLE**  
7 **SECTORS OF THE UNITED STATES.**

8 (a) ENERGY JOBS COUNCIL.—

9 (1) ESTABLISHMENT.—The Secretary shall es-  
10 tablish a council, to be known as the “Energy Jobs  
11 Council” (referred to in this section as the “Coun-  
12 cil”).

13 (2) MEMBERSHIP.—The Council shall be com-  
14 prised of—

15 (A) to be appointed by the Secretary—

16 (i) 1 or more representatives of the  
17 Energy Information Administration; and

18 (ii) 1 or more representatives of a  
19 State energy office that are serving as  
20 members of the State Energy Advisory  
21 Board established by section 365(g) of the  
22 Energy Policy and Conservation Act (42  
23 U.S.C. 6325(g));

24 (B) to be appointed by the Secretary of  
25 Commerce—

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1 (i) 1 or more representatives of the  
2 Department of Commerce; and

3 (ii) 1 or more representatives of the  
4 Bureau of the Census;

5 (C) 1 or more representatives of the Bu-  
6 reau of Labor Statistics, to be appointed by the  
7 Secretary of Labor; and

8 (D) 1 or more representatives of any other  
9 Federal agency the assistance of which is re-  
10 quired to carry out this section, as determined  
11 by the Secretary, to be appointed by the head  
12 of the applicable agency.

13 (b) SURVEY AND ANALYSIS.—

14 (1) IN GENERAL.—The Council shall—

15 (A) conduct a survey of employers in the  
16 energy, energy efficiency, and motor vehicle sec-  
17 tors of the economy of the United States; and

18 (B) perform an analysis of the employment  
19 figures and demographics in those sectors, in-  
20 cluding the number of personnel in each sector  
21 who devote a substantial portion of working  
22 hours, as determined by the Secretary, to regu-  
23 latory compliance matters.

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1           (2) **METHODOLOGY.**—In conducting the survey  
2 and analysis under paragraph (1), the Council shall  
3 employ a methodology that—

4           (A) was approved in 2016 by the Office of  
5 Management and Budget for use in the docu-  
6 ment entitled “OMB Control Number 1910–  
7 5179”;

8           (B) uses a representative, stratified sam-  
9 pling of businesses in the United States; and

10           (C) is designed to elicit a comparable num-  
11 ber of responses from businesses in each State  
12 and with the same North American Industry  
13 Classification System codes as were received for  
14 the 2016 and 2017 reports entitled “U.S. En-  
15 ergy and Employment Report”.

16           (3) **CONSULTATION.**—In conducting the survey  
17 and analysis under paragraph (1), the Council shall  
18 consult with key stakeholders, including—

19           (A) as the Council determines to be appro-  
20 priate, the heads of relevant Federal agencies  
21 and offices, including—

22                   (i) the Secretary of Commerce;

23                   (ii) the Secretary of Transportation;

24                   (iii) the Director of the Bureau of the  
25 Census;

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1 (iv) the Commissioner of the Bureau  
2 of Labor Statistics; and

3 (v) the Administrator of the Environ-  
4 mental Protection Agency;

5 (B) States;

6 (C) the State Energy Advisory Board es-  
7 tablished by section 365(g) of the Energy Pol-  
8 icy and Conservation Act (42 U.S.C. 6325(g));  
9 and

10 (D) energy industry trade associations.

11 (c) REPORT.—

12 (1) IN GENERAL.—Not later than 1 year after  
13 the date of enactment of this Act, and annually  
14 thereafter, the Secretary shall—

15 (A) make publicly available on the website  
16 of the Department a report, to be entitled the  
17 “U.S. Energy and Employment Report”, de-  
18 scribing the employment figures and demo-  
19 graphics in the energy, energy efficiency, and  
20 motor vehicle sectors of the United States, and  
21 the average number of hours devoted to regu-  
22 latory compliance, based on the survey and  
23 analysis conducted under subsection (b); and

24 (B) subject to the requirements of sub-  
25 chapter III of chapter 35 of title 44, United

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1 States Code, make the data collected by the  
2 Council publicly available on the website of the  
3 Department.

4 (2) CONTENTS.—

5 (A) IN GENERAL.—The report under para-  
6 graph (1) shall include employment figures and  
7 demographic data for—

8 (i) the energy sector of the economy  
9 of the United States, including—

10 (I) the electric power generation  
11 and fuels sector; and

12 (II) the transmission, storage,  
13 and distribution sector;

14 (ii) the energy efficiency sector of the  
15 economy of the United States; and

16 (iii) the motor vehicle sector of the  
17 economy of the United States.

18 (B) INCLUSION.—With respect to each sec-  
19 tor described in subparagraph (A), the report  
20 under paragraph (1) shall include employment  
21 figures and demographic data sorted by—

22 (i) each technology, subtechnology,  
23 and fuel type of those sectors; and

24 (ii) subject to the requirements of the  
25 Confidential Information Protection and

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1                   Statistical Efficiency Act of 2002 (44  
2                   U.S.C. 3501 note; Public Law 107–347)—  
3                   (I) each State;  
4                   (II) each territory of the United  
5                   States;  
6                   (III) the District of Columbia;  
7                   and  
8                   (IV) each county (or equivalent  
9                   jurisdiction) in the United States.

10 **SEC. 30554. ASSISTING FEDERAL FACILITIES WITH ENERGY**  
11                   **CONSERVATION TECHNOLOGIES GRANT PRO-**  
12                   **GRAM.**

13           There is authorized to be appropriated to the Sec-  
14 retary to provide grants authorized under section 546(b)  
15 of the National Energy Conservation Policy Act (42  
16 U.S.C. 8256(b)), \$250,000,000 for fiscal year 2022, to re-  
17 main available until expended.

18 **SEC. 30555. REBATES.**

19           There are authorized to be appropriated to the Sec-  
20 retary for the period of fiscal years 2022 and 2023—

21                   (1) \$10,000,000 for the extended product sys-  
22 tem rebate program authorized under section 1005  
23 of the Energy Act of 2020 (42 U.S.C. 6311 note;  
24 Public Law 116–260); and

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1           (2) \$10,000,000 for the energy efficient trans-  
2 former rebate program authorized under section  
3 1006 of the Energy Act of 2020 (42 U.S.C. 6317  
4 note; Public Law 116–260).

5 **SEC. 30556. MODEL GUIDANCE FOR COMBINED HEAT AND**  
6 **POWER SYSTEMS AND WASTE HEAT TO**  
7 **POWER SYSTEMS.**

8 (a) DEFINITIONS.—In this section:

9           (1) ADDITIONAL SERVICES.—The term “addi-  
10 tional services” means the provision of supple-  
11 mentary power, backup or standby power, mainte-  
12 nance power, or interruptible power to an electric  
13 consumer by an electric utility.

14           (2) WASTE HEAT TO POWER SYSTEM.—The  
15 term “waste heat to power system” means a system  
16 that generates electricity through the recovery of  
17 waste energy.

18           (3) OTHER TERMS.—

19           (A) PURPA.—The terms “electric con-  
20 sumer”, “electric utility”, “interconnection  
21 service”, “nonregulated electric utility”, and  
22 “State regulatory authority” have the meanings  
23 given those terms in the Public Utility Regu-  
24 latory Policies Act of 1978 (16 U.S.C. 2601 et



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1 seq.), within the meaning of title I of that Act  
2 (16 U.S.C. 2611 et seq.).

3 (B) EPCA.—The terms “combined heat  
4 and power system” and “waste energy” have  
5 the meanings given those terms in section 371  
6 of the Energy Policy and Conservation Act (42  
7 U.S.C. 6341).

8 (b) REVIEW.—

9 (1) IN GENERAL.—Not later than 180 days  
10 after the date of enactment of this Act, the Sec-  
11 retary, in consultation with the Federal Energy Reg-  
12 ulatory Commission and other appropriate entities,  
13 shall review existing rules and procedures relating to  
14 interconnection service and additional services  
15 throughout the United States for electric generation  
16 with nameplate capacity up to 150 megawatts con-  
17 necting at either distribution or transmission voltage  
18 levels to identify barriers to the deployment of com-  
19 bined heat and power systems and waste heat to  
20 power systems.

21 (2) INCLUSION.—The review under this sub-  
22 section shall include a review of existing rules and  
23 procedures relating to—

1874

1 (A) determining and assigning costs of  
2 interconnection service and additional services;  
3 and

4 (B) ensuring adequate cost recovery by an  
5 electric utility for interconnection service and  
6 additional services.

7 (c) MODEL GUIDANCE.—

8 (1) IN GENERAL.—Not later than 18 months  
9 after the date of enactment of this Act, the Sec-  
10 retary, in consultation with the Federal Energy Reg-  
11 ulatory Commission and other appropriate entities,  
12 shall issue model guidance for interconnection serv-  
13 ice and additional services for consideration by State  
14 regulatory authorities and nonregulated electric utili-  
15 ties to reduce the barriers identified under sub-  
16 section (b)(1).

17 (2) CURRENT BEST PRACTICES.—The model  
18 guidance issued under this subsection shall reflect,  
19 to the maximum extent practicable, current best  
20 practices to encourage the deployment of combined  
21 heat and power systems and waste heat to power  
22 systems while ensuring the safety and reliability of  
23 the interconnected units and the distribution and  
24 transmission networks to which the units connect,  
25 including—

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1 (A) relevant current standards developed  
2 by the Institute of Electrical and Electronic En-  
3 gineers; and

4 (B) model codes and rules adopted by—

5 (i) States; or

6 (ii) associations of State regulatory  
7 agencies.

8 (3) FACTORS FOR CONSIDERATION.—In estab-  
9 lishing the model guidance under this subsection, the  
10 Secretary shall take into consideration—

11 (A) the appropriateness of using standards  
12 or procedures for interconnection service that  
13 vary based on unit size, fuel type, or other rel-  
14 evant characteristics;

15 (B) the appropriateness of establishing  
16 fast-track procedures for interconnection serv-  
17 ice;

18 (C) the value of consistency with Federal  
19 interconnection rules established by the Federal  
20 Energy Regulatory Commission as of the date  
21 of enactment of this Act;

22 (D) the best practices used to model out-  
23 age assumptions and contingencies to determine  
24 fees or rates for additional services;

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1 (E) the appropriate duration, magnitude,  
2 or usage of demand charge ratchets;

3 (F) potential alternative arrangements  
4 with respect to the procurement of additional  
5 services, including—

6 (i) contracts tailored to individual  
7 electric consumers for additional services;

8 (ii) procurement of additional services  
9 by an electric utility from a competitive  
10 market; and

11 (iii) waivers of fees or rates for addi-  
12 tional services for small electric consumers;  
13 and

14 (G) outcomes such as increased electric re-  
15 liability, fuel diversification, enhanced power  
16 quality, and reduced electric losses that may re-  
17 sult from increased use of combined heat and  
18 power systems and waste heat to power sys-  
19 tems.

20 **TITLE VI—METHANE**  
21 **REDUCTION INFRASTRUCTURE**

22 **SEC. 30601. ORPHANED WELL SITE PLUGGING, REMEDI-**  
23 **ATION, AND RESTORATION.**

24 Section 349 of the Energy Policy Act of 2005 (42  
25 U.S.C. 15907) is amended to read as follows:

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1 **“SEC. 349. ORPHANED WELL SITE PLUGGING, REMEDI-**  
2 **ATION, AND RESTORATION.**

3 “(a) DEFINITIONS.—In this section:

4 “(1) FEDERAL LAND.—The term ‘Federal land’  
5 means land administered by a land management  
6 agency within—

7 “(A) the Department of Agriculture; or

8 “(B) the Department of the Interior.

9 “(2) IDLED WELL.—The term ‘idled well’  
10 means a well—

11 “(A) that has been nonoperational for not  
12 fewer than 4 years; and

13 “(B) for which there is no anticipated ben-  
14 efiticial future use.

15 “(3) INDIAN TRIBE.—The term ‘Indian Tribe’  
16 has the meaning given the term in section 4 of the  
17 Indian Self-Determination and Education Assistance  
18 Act (25 U.S.C. 5304).

19 “(4) OPERATOR.—The term ‘operator’, with re-  
20 spect to an oil or gas operation, means any entity,  
21 including a lessee or operating rights owner, that  
22 has provided to a relevant authority a written state-  
23 ment that the entity is responsible for the oil or gas  
24 operation, or any portion of the operation.

25 “(5) ORPHANED WELL.—The term ‘orphaned  
26 well’—

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1                   “(A) with respect to Federal land or Tribal  
2 land, means a well—

3                   “(i)(I) that is not used for an author-  
4 ized purpose, such as production, injection,  
5 or monitoring; and

6                   “(II)(aa) for which no operator can be  
7 located;

8                   “(bb) the operator of which is un-  
9 able—

10                   “(AA) to plug the well; and

11                   “(BB) to remediate and reclaim  
12 the well site; or

13                   “(cc) that is within the National Pe-  
14 troleum Reserve–Alaska; and

15                   “(B) with respect to State or private  
16 land—

17                   “(i) has the meaning given the term  
18 by the applicable State; or

19                   “(ii) if that State uses different termi-  
20 nology, has the meaning given another  
21 term used by the State to describe a well  
22 eligible for plugging, remediation, and rec-  
23 lamation by the State.

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1           “(6) TRIBAL LAND.—The term ‘Tribal land’  
2 means any land or interest in land owned by an In-  
3 dian Tribe, the title to which is—

4                   “(A) held in trust by the United States; or

5                   “(B) subject to a restriction against alien-  
6 ation under Federal law.

7           “(b) FEDERAL PROGRAM.—

8                   “(1) ESTABLISHMENT.—Not later than 60 days  
9 after the date of enactment of the Infrastructure In-  
10 vestment and Jobs Act, the Secretary shall establish  
11 a program to plug, remediate, and reclaim orphaned  
12 wells located on Federal land.

13           “(2) INCLUDED ACTIVITIES.—The program  
14 under this subsection shall—

15                   “(A) include a method of—

16                           “(i) identifying, characterizing, and  
17 inventorying orphaned wells and associated  
18 pipelines, facilities, and infrastructure on  
19 Federal land; and

20                           “(ii) ranking those orphaned wells for  
21 priority in plugging, remediation, and rec-  
22 lamation, based on—

23                                   “(I) public health and safety;

24                                   “(II) potential environmental  
25 harm; and

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1                   “(III) other subsurface impacts  
2                   or land use priorities;

3                   “(B) distribute funding in accordance with  
4 the priorities established under subparagraph  
5 (A)(ii) for—

6                   “(i) plugging orphaned wells;

7                   “(ii) remediating and reclaiming well  
8 pads and facilities associated with or-  
9 phaned wells;

10                  “(iii) remediating soil and restoring  
11 native species habitat that has been de-  
12 graded due to the presence of orphaned  
13 wells and associated pipelines, facilities,  
14 and infrastructure; and

15                  “(iv) remediating land adjacent to or-  
16 phaned wells and decommissioning or re-  
17 moving associated pipelines, facilities, and  
18 infrastructure;

19                  “(C) provide a public accounting of the  
20 costs of plugging, remediation, and reclamation  
21 for each orphaned well;

22                  “(D) seek to determine the identities of po-  
23 tentially responsible parties associated with the  
24 orphaned well (or a surety or guarantor of such  
25 a party), to the extent such information can be



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1           ascertained, and make efforts to obtain reim-  
2           bursement for expenditures to the extent prac-  
3           ticable;

4           “(E) measure or estimate and track—

5           “(i) emissions of methane and other  
6           gases associated with orphaned wells; and

7           “(ii) contamination of groundwater or  
8           surface water associated with orphaned  
9           wells; and

10          “(F) identify and address any dispro-  
11          portionate burden of adverse human health or envi-  
12          ronmental effects of orphaned wells on commu-  
13          nities of color, low-income communities, and  
14          Tribal and indigenous communities.

15          “(3) IDLED WELLS.—The Secretary, acting  
16          through the Director of the Bureau of Land Man-  
17          agement, shall—

18                 “(A) periodically review all idled wells on  
19                 Federal land; and

20                 “(B) reduce the inventory of idled wells on  
21                 Federal land.

22          “(4) COOPERATION AND CONSULTATION.—In  
23          carrying out the program under this subsection, the  
24          Secretary shall—

25                 “(A) work cooperatively with—

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1 “(i) the Secretary of Agriculture;

2 “(ii) affected Indian Tribes; and

3 “(iii) each State within which Federal

4 land is located; and

5 “(B) consult with—

6 “(i) the Secretary of Energy; and

7 “(ii) the Interstate Oil and Gas Com-

8 pact Commission.

9 “(c) FUNDING FOR STATE PROGRAMS.—

10 “(1) IN GENERAL.—The Secretary shall provide

11 to States, in accordance with this subsection—

12 “(A) initial grants under paragraph (3);

13 “(B) formula grants under paragraph (4);

14 and

15 “(C) performance grants under paragraph

16 (5).

17 “(2) ACTIVITIES.—

18 “(A) IN GENERAL.—A State may use

19 funding provided under this subsection for any

20 of the following purposes:

21 “(i) To plug, remediate, and reclaim

22 orphaned wells located on State-owned or

23 privately owned land.

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1           “(ii) To identify and characterize un-  
2 documented orphaned wells on State and  
3 private land.

4           “(iii) To rank orphaned wells based  
5 on factors including—

6                   “(I) public health and safety;

7                   “(II) potential environmental  
8 harm; and

9                   “(III) other land use priorities.

10           “(iv) To make information regarding  
11 the use of funds received under this sub-  
12 section available on a public website.

13           “(v) To measure and track—

14                   “(I) emissions of methane and  
15 other gases associated with orphaned  
16 wells; and

17                   “(II) contamination of ground-  
18 water or surface water associated with  
19 orphaned wells.

20           “(vi) To remediate soil and restore  
21 native species habitat that has been de-  
22 graded due to the presence of orphaned  
23 wells and associated pipelines, facilities,  
24 and infrastructure.

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1           “(vii) To remediate land adjacent to  
2 orphaned wells and decommission or re-  
3 move associated pipelines, facilities, and in-  
4 frastructure.

5           “(viii) To identify and address any  
6 disproportionate burden of adverse human  
7 health or environmental effects of or-  
8 phaned wells on communities of color, low-  
9 income communities, and Tribal and indig-  
10 enous communities.

11           “(ix) Subject to subparagraph (B), to  
12 administer a program to carry out any ac-  
13 tivities described in clauses (i) through  
14 (viii).

15           “(B) ADMINISTRATIVE COST LIMITA-  
16 TION.—

17           “(i) IN GENERAL.—Except as pro-  
18 vided in clause (ii), a State shall not use  
19 more than 10 percent of the funds received  
20 under this subsection during a fiscal year  
21 for administrative costs under subpara-  
22 graph (A)(ix).

23           “(ii) EXCEPTION.—The limitation  
24 under clause (i) shall not apply to funds

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1 used by a State as described in paragraph  
2 (3)(A)(ii).

3 “(3) INITIAL GRANTS.—

4 “(A) IN GENERAL.—Subject to the avail-  
5 ability of appropriations, the Secretary shall  
6 distribute—

7 “(i) not more than \$25,000,000 to  
8 each State that submits to the Secretary,  
9 by not later than 180 days after the date  
10 of enactment of the Infrastructure Invest-  
11 ment and Jobs Act, a request for funding  
12 under this clause, including—

13 “(I) an estimate of the number  
14 of jobs that will be created or saved  
15 through the activities proposed to be  
16 funded; and

17 “(II) a certification that—

18 “(aa) the State is a Member  
19 State or Associate Member State  
20 of the Interstate Oil and Gas  
21 Compact Commission;

22 “(bb) there are 1 or more  
23 documented orphaned wells lo-  
24 cated in the State; and

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1                   “(cc) the State will use not  
2                   less than 90 percent of the fund-  
3                   ing requested under this sub-  
4                   section to issue new contracts,  
5                   amend existing contracts, or  
6                   issue grants for plugging, remedi-  
7                   ation, and reclamation work by  
8                   not later than 90 days after the  
9                   date of receipt of the funds; and

10                   “(ii) not more than \$5,000,000 to  
11                   each State that—

12                   “(I) requests funding under this  
13                   clause;

14                   “(II) does not receive a grant  
15                   under clause (i); and

16                   “(III) certifies to the Secretary  
17                   that—

18                   “(aa) the State—

19                   “(AA) has in effect a  
20                   plugging, remediation, and  
21                   reclamation program for or-  
22                   phaned wells; or

23                   “(BB) the capacity to  
24                   initiate such a program; or

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1                   “(bb) the funds provided  
2                   under this paragraph will be used  
3                   to carry out any administrative  
4                   actions necessary to develop an  
5                   application for a formula grant  
6                   under paragraph (4) or a per-  
7                   formance grant under paragraph  
8                   (5).

9                   “(B) DISTRIBUTION.—Subject to the avail-  
10                  ability of appropriations, the Secretary shall  
11                  distribute funds to a State under this para-  
12                  graph by not later than the date that is 30 days  
13                  after the date on which the State submits to  
14                  the Secretary the certification required under  
15                  clause (i)(II) or (ii)(III) of subparagraph (A),  
16                  as applicable.

17                  “(C) DEADLINE FOR EXPENDITURE.—A  
18                  State that receives funds under this paragraph  
19                  shall reimburse the Secretary in an amount  
20                  equal to the amount of the funds that remain  
21                  unobligated on the date that is 1 year after the  
22                  date of receipt of the funds.

23                  “(D) REPORT.—Not later than 15 months  
24                  after the date on which a State receives funds  
25                  under this paragraph, the State shall submit to

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1 the Secretary a report that describes the means  
2 by which the State used the funds in accord-  
3 ance with the certification submitted by the  
4 State under subparagraph (A).

5 “(4) FORMULA GRANTS.—

6 “(A) ESTABLISHMENT.—

7 “(i) IN GENERAL.—The Secretary  
8 shall establish a formula for the distribu-  
9 tion to each State described in clause (ii)  
10 of funds under this paragraph.

11 “(ii) DESCRIPTION OF STATES.—A  
12 State referred to in clause (i) is a State  
13 that, by not later than 45 days after the  
14 date of enactment of the Infrastructure In-  
15 vestment and Jobs Act, submits to the  
16 Secretary a notice of the intent of the  
17 State to submit an application under sub-  
18 paragraph (B), including a description of  
19 the factors described in clause (iii) with re-  
20 spect to the State.

21 “(iii) FACTORS.—The formula estab-  
22 lished under clause (i) shall account for,  
23 with respect to an applicant State, the fol-  
24 lowing factors:



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1                   “(I) Job losses in the oil and gas  
2 industry in the State during the pe-  
3 riod—

4                   “(aa) beginning on March 1,  
5 2020; and

6                   “(bb) ending on the date of  
7 enactment of the Infrastructure  
8 Investment and Jobs Act.

9                   “(II) The number of documented  
10 orphaned wells located in the State,  
11 and the projected cost—

12                   “(aa) to plug or reclaim  
13 those orphaned wells;

14                   “(bb) to reclaim adjacent  
15 land; and

16                   “(cc) to decommission or re-  
17 move associated pipelines, facili-  
18 ties, and infrastructure.

19                   “(iv) PUBLICATION.—Not later than  
20 75 days after the date of enactment of the  
21 Infrastructure Investment and Jobs Act,  
22 the Secretary shall publish on a public  
23 website the amount that each State is eli-  
24 gible to receive under the formula under  
25 this subparagraph.

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1           “(B) APPLICATION.—To be eligible to re-  
2           ceive a formula grant under this paragraph, a  
3           State shall submit to the Secretary an applica-  
4           tion that includes—

5                   “(i) a description of—

6                           “(I) the State program for or-  
7                           phaned well plugging, remediation,  
8                           and restoration, including legal au-  
9                           thorities, processes used to identify  
10                          and prioritize orphaned wells, procure-  
11                          ment mechanisms, and other program  
12                          elements demonstrating the readiness  
13                          of the State to carry out proposed ac-  
14                          tivities using the grant;

15                           “(II) the activities to be carried  
16                           out with the grant, including an iden-  
17                           tification of the estimated health,  
18                           safety, habitat, and environmental  
19                           benefits of plugging, remediating, or  
20                           reclaiming orphaned wells; and

21                           “(III) the means by which the in-  
22                           formation regarding the activities of  
23                           the State under this paragraph will be  
24                           made available on a public website;

25                           “(ii) an estimate of—

1891

1           “(I) the number of orphaned  
2 wells in the State that will be plugged,  
3 remediated, or reclaimed;

4           “(II) the projected cost of—

5               “(aa) plugging, remediating,  
6 or reclaiming orphaned wells;

7               “(bb) remediating or re-  
8 claiming adjacent land; and

9               “(cc) decommissioning or re-  
10 moving associated pipelines, fa-  
11 cilities, and infrastructure;

12           “(III) the amount of that pro-  
13 jected cost that will be offset by the  
14 forfeiture of financial assurance in-  
15 struments, the estimated salvage of  
16 well site equipment, or other proceeds  
17 from the orphaned wells and adjacent  
18 land;

19           “(IV) the number of jobs that  
20 will be created or saved through the  
21 activities to be funded under this  
22 paragraph; and

23           “(V) the amount of funds to be  
24 spent on administrative costs;

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1           “(iii) a certification that any financial  
2           assurance instruments available to cover  
3           plugging, remediation, or reclamation costs  
4           will be used by the State; and

5           “(iv) the definitions and processes  
6           used by the State to formally identify a  
7           well as—

8                   “(I) an orphaned well; or

9                   “(II) if the State uses different  
10           terminology, otherwise eligible for  
11           plugging, remediation, and reclama-  
12           tion by the State.

13           “(C) DISTRIBUTION.—Subject to the avail-  
14           ability of appropriations, the Secretary shall  
15           distribute funds to a State under this para-  
16           graph by not later than the date that is 60 days  
17           after the date on which the State submits to  
18           the Secretary a completed application under  
19           subparagraph (B).

20           “(D) DEADLINE FOR EXPENDITURE.—A  
21           State that receives funds under this paragraph  
22           shall reimburse the Secretary in an amount  
23           equal to the amount of the funds that remain  
24           unobligated on the date that is 5 years after the  
25           date of receipt of the funds.

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1           “(E) CONSULTATION.—In making a deter-  
2 mination under this paragraph regarding the  
3 eligibility of a State to receive a formula grant,  
4 the Secretary shall consult with—

5                   “(i) the Administrator of the Environ-  
6 mental Protection Agency;

7                   “(ii) the Secretary of Energy; and

8                   “(iii) the Interstate Oil and Gas Com-  
9 pact Commission.

10           “(5) PERFORMANCE GRANTS.—

11                   “(A) ESTABLISHMENT.—The Secretary  
12 shall provide to States, in accordance with this  
13 paragraph—

14                   “(i) regulatory improvement grants  
15 under subparagraph (E); and

16                   “(ii) matching grants under subpara-  
17 graph (F).

18                   “(B) APPLICATION.—To be eligible to re-  
19 ceive a grant under this paragraph, a State  
20 shall submit to the Secretary an application in-  
21 cluding—

22                   “(i) each element described in an ap-  
23 plication for a grant under paragraph  
24 (4)(B);

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1                   “(ii) activities carried out by the State  
2                   to address orphaned wells located in the  
3                   State, including—

4                               “(I) increasing State spending on  
5                               well plugging, remediation, and rec-  
6                               lamation; or

7                               “(II) improving regulation of oil  
8                               and gas wells; and

9                   “(iii) the means by which the State  
10                   will use funds provided under this para-  
11                   graph—

12                               “(I) to lower unemployment in  
13                               the State; and

14                               “(II) to improve economic condi-  
15                               tions in economically distressed areas  
16                               of the State.

17                   “(C) DISTRIBUTION.—Subject to the avail-  
18                   ability of appropriations, the Secretary shall  
19                   distribute funds to a State under this para-  
20                   graph by not later than the date that is 60 days  
21                   after the date on which the State submits to  
22                   the Secretary a completed application under  
23                   subparagraph (B).

24                   “(D) CONSULTATION.—In making a deter-  
25                   mination under this paragraph regarding the

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1 eligibility of a State to receive a grant under  
2 subparagraph (E) or (F), the Secretary shall  
3 consult with—

4 “(i) the Administrator of the Environ-  
5 mental Protection Agency;

6 “(ii) the Secretary of Energy; and

7 “(iii) the Interstate Oil and Gas Com-  
8 pact Commission.

9 “(E) REGULATORY IMPROVEMENT  
10 GRANTS.—

11 “(i) IN GENERAL.—Beginning on the  
12 date that is 180 days after the date on  
13 which an initial grant is provided to a  
14 State under paragraph (3), the Secretary  
15 shall, subject to the availability of appro-  
16 priations, provide to the State a regulatory  
17 improvement grant under this subpara-  
18 graph, if the State meets, during the 10-  
19 year period ending on the date on which  
20 the State submits to the Secretary an ap-  
21 plication under subparagraph (B), 1 of the  
22 following criteria:

23 “(I) The State has strengthened  
24 plugging standards and procedures  
25 designed to ensure that wells located

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1 in the State are plugged in an effec-  
2 tive manner that protects ground-  
3 water and other natural resources,  
4 public health and safety, and the envi-  
5 ronment.

6 “(II) The State has made im-  
7 provements to State programs de-  
8 signed to reduce future orphaned well  
9 burdens, such as financial assurance  
10 reform, alternative funding mecha-  
11 nisms for orphaned well programs,  
12 and reforms to programs relating to  
13 well transfer or temporary abandon-  
14 ment.

15 “(ii) LIMITATIONS.—

16 “(I) NUMBER.—The Secretary  
17 may issue to a State under this sub-  
18 paragraph not more than 1 grant for  
19 each criterion described in subclause  
20 (I) or (II) of clause (i).

21 “(II) MAXIMUM AMOUNT.—The  
22 amount of a single grant provided to  
23 a State under this subparagraph shall  
24 be not more than \$20,000,000.





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1           riod of fiscal years 2010 through  
2           2019—

3                   “(aa) to plug, remediate,  
4                   and reclaim orphaned wells; and

5                   “(bb) to decommission or re-  
6                   move associated pipelines, facili-  
7                   ties, or infrastructure; and

8                   “(II) the amount that the State  
9                   certifies to the Secretary the State  
10                  will expend, during the fiscal year in  
11                  which the State will receive the grant  
12                  under this subparagraph—

13                   “(aa) to plug, remediate,  
14                   and reclaim orphaned wells;

15                   “(bb) to remediate or re-  
16                   claim adjacent land; and

17                   “(cc) to decommission or re-  
18                   move associated pipelines, facili-  
19                   ties, and infrastructure.

20                  “(ii) LIMITATIONS.—

21                   “(I) FISCAL YEAR.—The Sec-  
22                   retary may issue to a State under this  
23                   subparagraph not more than 1 grant  
24                   for each fiscal year.

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1                   “(II) TOTAL FUNDS PRO-  
2                   VIDED.—The Secretary may provide  
3                   to a State under this subparagraph a  
4                   total amount equal to not more than  
5                   \$30,000,000 during the period of fis-  
6                   cal years 2022 through 2031.

7           “(d) TRIBAL ORPHANED WELL SITE PLUGGING, RE-  
8           MEDIATION, AND RESTORATION.—

9                   “(1) ESTABLISHMENT.—The Secretary shall es-  
10                  tablish a program under which the Secretary shall—

11                           “(A) provide to Indian Tribes grants in ac-  
12                           cordance with this subsection; or

13                           “(B) on request of an Indian Tribe and in  
14                           lieu of a grant under subparagraph (A), admin-  
15                           ister and carry out plugging, remediation, and  
16                           reclamation activities in accordance with para-  
17                           graph (7).

18                   “(2) ELIGIBLE ACTIVITIES.—

19                           “(A) IN GENERAL.—An Indian Tribe may  
20                           use a grant received under this subsection—

21                                   “(i) to plug, remediate, or reclaim an  
22                                   orphaned well on Tribal land;

23                                   “(ii) to remediate soil and restore na-  
24                                   tive species habitat that has been degraded  
25                                   due to the presence of an orphaned well or

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1 associated pipelines, facilities, or infra-  
2 structure on Tribal land;

3 “(iii) to remediate Tribal land adja-  
4 cent to orphaned wells and decommission  
5 or remove associated pipelines, facilities,  
6 and infrastructure;

7 “(iv) to provide an online public ac-  
8 counting of the cost of plugging, remedi-  
9 ation, and reclamation for each orphaned  
10 well site on Tribal land;

11 “(v) to identify and characterize un-  
12 documented orphaned wells on Tribal land;  
13 and

14 “(vi) to develop or administer a Tribal  
15 program to carry out any activities de-  
16 scribed in clauses (i) through (v).

17 “(B) ADMINISTRATIVE COST LIMITA-  
18 TION.—

19 “(i) IN GENERAL.—Except as pro-  
20 vided in clause (ii), an Indian Tribe shall  
21 not use more than 10 percent of the funds  
22 received under this subsection during a fis-  
23 cal year for administrative costs under  
24 subparagraph (A)(vi).



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1 wells, procurement mechanisms, and other  
2 program elements demonstrating the readi-  
3 ness of the Indian Tribe to carry out the  
4 proposed activities, or plans to develop  
5 such a program; and

6 “(ii) the activities to be carried out  
7 with the grant, including an identification  
8 of the estimated health, safety, habitat,  
9 and environmental benefits of plugging, re-  
10 mediating, or reclaiming orphaned wells  
11 and remediating or reclaiming adjacent  
12 land; and

13 “(B) an estimate of—

14 “(i) the number of orphaned wells  
15 that will be plugged, remediated, or re-  
16 claimed; and

17 “(ii) the projected cost of—

18 “(I) plugging, remediating, or re-  
19 claiming orphaned wells;

20 “(II) remediating or reclaiming  
21 adjacent land; and

22 “(III) decommissioning or remov-  
23 ing associated pipelines, facilities, and  
24 infrastructure.

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1           “(5) DISTRIBUTION.—Subject to the availability  
2 of appropriations, the Secretary shall distribute  
3 funds to an Indian Tribe under this subsection by  
4 not later than the date that is 60 days after the date  
5 on which the Indian Tribe submits to the Secretary  
6 a completed application under paragraph (4).

7           “(6) DEADLINE FOR EXPENDITURE.—An In-  
8 dian Tribe that receives funds under this subsection  
9 shall reimburse the Secretary in an amount equal to  
10 the amount of the funds that remain unobligated on  
11 the date that is 5 years after the date of receipt of  
12 the funds, except for cases in which the Secretary  
13 has granted the Indian Tribe an extended deadline  
14 for completion of the eligible activities after con-  
15 sultation.

16           “(7) DELEGATION TO SECRETARY IN LIEU OF  
17 A GRANT.—

18           “(A) IN GENERAL.—In lieu of a grant  
19 under this subsection, an Indian Tribe may  
20 submit to the Secretary a request for the Sec-  
21 retary to administer and carry out plugging, re-  
22 mediation, and reclamation activities relating to  
23 an orphaned well on behalf of the Indian Tribe.

24           “(B) ADMINISTRATION.—Subject to the  
25 availability of appropriations under subsection

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1 (h)(1)(E), on submission of a request under  
2 subparagraph (A), the Secretary shall admin-  
3 ister or carry out plugging, remediation, and  
4 reclamation activities for an orphaned well on  
5 Tribal land.

6 “(e) TECHNICAL ASSISTANCE.—The Secretary of  
7 Energy, in cooperation with the Secretary and the Inter-  
8 state Oil and Gas Compact Commission, shall provide  
9 technical assistance to the Federal land management  
10 agencies and oil and gas producing States and Indian  
11 Tribes to support practical and economical remedies for  
12 environmental problems caused by orphaned wells on Fed-  
13 eral land, Tribal land, and State and private land, includ-  
14 ing the sharing of best practices in the management of  
15 oil and gas well inventories to ensure the availability of  
16 funds to plug, remediate, and restore oil and gas well sites  
17 on cessation of operation.

18 “(f) REPORT TO CONGRESS.—Not later than 1 year  
19 after the date of enactment of the Infrastructure Invest-  
20 ment and Jobs Act, and not less frequently than annually  
21 thereafter, the Secretary shall submit to the Committees  
22 on Appropriations and Energy and Natural Resources of  
23 the Senate and the Committees on Appropriations and  
24 Natural Resources of the House of Representatives a re-



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1 port describing the program established and grants award-  
2 ed under this section, including—

3 “(1) an updated inventory of wells located on  
4 Federal land, Tribal land, and State and private  
5 land that are—

6 “(A) orphaned wells; or

7 “(B) at risk of becoming orphaned wells;

8 “(2) an estimate of the quantities of—

9 “(A) methane and other gasses emitted  
10 from orphaned wells; and

11 “(B) emissions reduced as a result of plug-  
12 ging, remediating, and reclaiming orphaned  
13 wells;

14 “(3) the number of jobs created and saved  
15 through the plugging, remediation, and reclamation  
16 of orphaned wells; and

17 “(4) the acreage of habitat restored using  
18 grants awarded to plug, remediate, and reclaim or-  
19 phaned wells and to remediate or reclaim adjacent  
20 land, together with a description of the purposes for  
21 which that land is likely to be used in the future.

22 “(g) EFFECT OF SECTION.—

23 “(1) NO EXPANSION OF LIABILITY.—Nothing in  
24 this section establishes or expands the responsibility  
25 or liability of any entity with respect to—

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1 “(A) plugging any well; or

2 “(B) remediating or reclaiming any well  
3 site.

4 “(2) TRIBAL LAND.—Nothing in this section—

5 “(A) relieves the Secretary of any obliga-  
6 tion under section 3 of the Act of May 11, 1938  
7 (25 U.S.C. 396c; 52 Stat. 348, chapter 198), to  
8 plug, remediate, or reclaim an orphaned well lo-  
9 cated on Tribal land; or

10 “(B) absolves the United States from a re-  
11 sponsibility to plug, remediate, or reclaim an  
12 orphaned well located on Tribal land or any  
13 other responsibility to an Indian Tribe, includ-  
14 ing any responsibility that derives from—

15 “(i) the trust relationship between the  
16 United States and Indian Tribes;

17 “(ii) any treaty, law, or Executive  
18 order; or

19 “(iii) any agreement between the  
20 United States and an Indian Tribe.

21 “(3) OWNER OR OPERATOR NOT ABSOLVED.—

22 Nothing in this section absolves the owner or oper-  
23 ator of an oil or gas well of any potential liability  
24 for—

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1           “(A) reimbursement of any plugging or  
2           reclamation costs associated with the well; or

3           “(B) any adverse effect of the well on the  
4           environment.

5           “(h) AUTHORIZATION OF APPROPRIATIONS.—There  
6           are authorized to be appropriated for fiscal year 2022, to  
7           remain available until September 30, 2030:

8           “(1) to the Secretary—

9           “(A) \$250,000,000 to carry out the pro-  
10          gram under subsection (b);

11          “(B) \$775,000,000 to provide grants  
12          under subsection (c)(3);

13          “(C) \$2,000,000,000 to provide grants  
14          under subsection (c)(4);

15          “(D) \$1,500,000,000 to provide grants  
16          under subsection (c)(5); and

17          “(E) \$150,000,000 to carry out the pro-  
18          gram under subsection (d);

19          “(2) to the Secretary of Energy, \$30,000,000  
20          to conduct research and development activities in co-  
21          operation with the Interstate Oil and Gas Compact  
22          Commission to assist the Federal land management  
23          agencies, States, and Indian Tribes in—

24          “(A) identifying and characterizing un-  
25          documented orphaned wells; and

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1 “(B) mitigating the environmental risks of  
2 undocumented orphaned wells; and

3 “(3) to the Interstate Oil and Gas Compact  
4 Commission, \$2,000,000 to carry out this section.”.

5 **TITLE VII—ABANDONED MINE**  
6 **LAND RECLAMATION**

7 **SEC. 30701. ABANDONED MINE RECLAMATION FUND AU-**  
8 **THORIZATION OF APPROPRIATIONS.**

9 (a) IN GENERAL.—There is authorized to be appro-  
10 priated, for deposit into the Abandoned Mine Reclamation  
11 Fund established by section 401(a) of the Surface Mining  
12 Control and Reclamation Act of 1977 (30 U.S.C. 1231(a))  
13 \$11,293,000,000 for fiscal year 2022, to remain available  
14 until expended.

15 (b) USE OF FUNDS.—

16 (1) IN GENERAL.—Subject to subsection (g),  
17 amounts made available under subsection (a) shall  
18 be used to provide, as expeditiously as practicable, to  
19 States and Indian Tribes described in paragraph (2)  
20 annual grants for abandoned mine land and water  
21 reclamation projects under the Surface Mining Con-  
22 trol and Reclamation Act of 1977 (30 U.S.C. 1201  
23 et seq.).

24 (2) ELIGIBLE GRANT RECIPIENTS.—Grants  
25 may be made under paragraph (1) to—

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1 (A) States and Indian Tribes that have a  
2 State or Tribal program approved under section  
3 405 of the Surface Mining Control and Rec-  
4 lamation Act of 1977 (30 U.S.C. 1235);

5 (B) States and Indian Tribes that are cer-  
6 tified under section 411(a) of that Act (30  
7 U.S.C. 1240a(a)); and

8 (C) States and Indian Tribes that are re-  
9 ferred to in section 402(g)(8)(B) of that Act  
10 (30 U.S.C. 1232(g)(8)(B)).

11 (3) CONTRACT AGGREGATION.—In applying for  
12 grants under paragraph (1), States and Indian  
13 Tribes may aggregate bids into larger statewide or  
14 regional contracts.

15 (c) COVERED ACTIVITIES.—Grants under subsection  
16 (b)(1) shall only be used for activities described in sub-  
17 sections (a) and (b) of section 403 and section 410 of the  
18 Surface Mining Control and Reclamation Act of 1977 (30  
19 U.S.C. 1233, 1240).

20 (d) ALLOCATION.—

21 (1) IN GENERAL.—Subject to subsection (e),  
22 the Secretary of the Interior shall allocate and dis-  
23 tribute amounts made available for grants under  
24 subsection (b)(1) to States and Indian Tribes on an  
25 equal annual basis over a 15-year period beginning

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1 on the date of enactment of this Act, based on the  
2 number of tons of coal historically produced in the  
3 States or from the applicable Indian land before Au-  
4 gust 3, 1977, regardless of whether the State or In-  
5 dian Tribe is certified under section 411(a) of the  
6 Surface Mining Control and Reclamation Act of  
7 1977 (30 U.S.C. 1240a(a)).

8 (2) SURFACE MINING CONTROL AND RECLAMA-  
9 TION ACT EXCEPTION.—Section 401(f)(3)(B) of the  
10 Surface Mining Control and Reclamation Act of  
11 1977 (30 U.S.C. 1231(f)(3)(B)) shall not apply to  
12 grant funds distributed under subsection (b)(1).

13 (3) REPORT TO CONGRESS ON ALLOCATIONS.—

14 (A) IN GENERAL.—Not later than 6 years  
15 after the date on which the first allocation to  
16 States and Indian Tribes is made under para-  
17 graph (1), the Secretary of the Interior shall  
18 submit to Congress a report that describes any  
19 progress made under this section in addressing  
20 outstanding reclamation needs under subsection  
21 (a) or (b) of section 403 or section 410 of the  
22 Surface Mining Control and Reclamation and  
23 Act of 1977 (30 U.S.C. 1233, 1240).

24 (B) INPUT.—The Secretary of the Interior  
25 shall—

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1 (i) prior to submitting the report  
2 under subparagraph (A), solicit the input  
3 of the States and Indian Tribes regarding  
4 the progress referred to in that subpara-  
5 graph; and

6 (ii) include in the report submitted to  
7 Congress under that subparagraph a de-  
8 scription of any input received under  
9 clause (i).

10 (4) REDISTRIBUTION OF FUNDS.—

11 (A) EVALUATION.—Not later than 20  
12 years after the date of enactment of this Act,  
13 the Secretary of the Interior shall evaluate  
14 grant payments to States and Indian Tribes  
15 made under this section.

16 (B) UNUSED FUNDS.—On completion of  
17 the evaluation under subparagraph (A), States  
18 and Indian Tribes shall return any unused  
19 funds under this section to the Abandoned Mine  
20 Reclamation Fund.

21 (e) TOTAL AMOUNT OF GRANT.—The total amount  
22 of grant funding provided under subsection (b)(1) to an  
23 eligible State or Indian Tribe shall be not less than  
24 \$20,000,000, to the extent that the amount needed for  
25 reclamation projects described in that subsection on the

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1 land of the State or Indian Tribe is not less than  
2 \$20,000,000.

3 (f) PRIORITY.—In addition to the priorities described  
4 in section 403(a) of the Surface Mining Control and Rec-  
5 lamation Act of 1977 (30 U.S.C. 1233(a)), in providing  
6 grants under this section, priority may also be given to  
7 reclamation projects described in subsection (b)(1) that  
8 provide employment for current and former employees of  
9 the coal industry.

10 (g) RESERVATION.—Of the funds made available  
11 under subsection (a), \$25,000,000 shall be made available  
12 to the Secretary of the Interior to provide States and In-  
13 dian Tribes with the financial and technical assistance  
14 necessary for the purpose of making amendments to the  
15 inventory maintained under section 403(c) of the Surface  
16 Mining Control and Reclamation Act of 1977 (30 U.S.C.  
17 1233(c)).

18 **SEC. 30702. ABANDONED MINE RECLAMATION FEE.**

19 (a) AMOUNT.—Section 402(a) of the Surface Mining  
20 Control and Reclamation Act of 1977 (30 U.S.C. 1232(a))  
21 is amended—

22 (1) by striking “28 cents” and inserting “22.4  
23 cents”;

24 (2) by striking “12 cents” and inserting “9.6  
25 cents”; and



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1 (3) by striking “8 cents” and inserting “6.4  
2 cents”.

3 (b) DURATION.—Section 402(b) of the Surface Min-  
4 ing Control and Reclamation Act of 1977 (30 U.S.C.  
5 1232(b)) is amended by striking “September 30, 2021”  
6 and inserting “September 30, 2034”.

7 **SEC. 30703. AMOUNTS DISTRIBUTED FROM ABANDONED**  
8 **MINE RECLAMATION FUND.**

9 Section 401(f)(2) of the Surface Mining Control and  
10 Reclamation Act of 1977 (30 U.S.C. 1231(f)(2)) is  
11 amended—

12 (1) in subparagraph (A)—

13 (A) in the subparagraph heading, by strik-  
14 ing “2022” and inserting “2035”; and

15 (B) in the matter preceding clause (i), by  
16 striking “2022” and inserting “2035”; and

17 (2) in subparagraph (B)—

18 (A) in the subparagraph heading, by strik-  
19 ing “2023” and inserting “2036”;

20 (B) by striking “2023” and inserting  
21 “2036”; and

22 (C) by striking “2022” and inserting  
23 “2035”.

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1 **SEC. 30704. ABANDONED HARDROCK MINE RECLAMATION.**

2 (a) ESTABLISHMENT.—Not later than 90 days after  
3 the date of enactment of this Act, the Secretary of the  
4 Interior (referred to in this section as the “Secretary”)  
5 shall establish a program to inventory, assess, decommis-  
6 sion, reclaim, respond to hazardous substance releases on,  
7 and remediate abandoned hardrock mine land based on  
8 conditions including need, public health and safety, poten-  
9 tial environmental harm, and other land use priorities.

10 (b) AWARD OF GRANTS.—Subject to the availability  
11 of funds, the Secretary shall provide grants on a competi-  
12 tive or formula basis to States and Indian Tribes that have  
13 jurisdiction over abandoned hardrock mine land to reclaim  
14 that land.

15 (c) ELIGIBILITY.—Amounts made available under  
16 this section may only be used for Federal, State, Tribal,  
17 local, and private land that has been affected by past  
18 hardrock mining activities, and water resources that tra-  
19 verse or are contiguous to such land, including any of the  
20 following:

- 21 (1) Land and water resources that were—
- 22 (A) used for, or affected by, hardrock min-  
23 ing activities; and
- 24 (B) abandoned or left in an inadequate  
25 reclamation status before the date of enactment  
26 of this Act.

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1           (2) Land for which the Secretary makes a de-  
2           termination that there is no continuing reclamation  
3           responsibility of a claim holder, liable party, oper-  
4           ator, or other person that abandoned the site prior  
5           to completion of required reclamation under Federal  
6           or State law.

7           (d) ELIGIBLE ACTIVITIES.—

8           (1) IN GENERAL.—Amounts made available to  
9           carry out this section shall be used for the purposes  
10          described in subsection (a).

11          (2) EXCLUSION.—Amounts made available to  
12          carry out this section may not be used to fulfill obli-  
13          gations under the Comprehensive Environmental Re-  
14          sponse, Compensation, and Liability Act of 1980 (42  
15          U.S.C. 9601 et seq.) agreed to in a legal settlement  
16          or imposed by a court, whether for payment of funds  
17          or for work to be performed.

18          (e) AUTHORIZATION OF APPROPRIATIONS.—

19          (1) IN GENERAL.—There is authorized to be  
20          appropriated to carry out this section  
21          \$3,000,000,000, to remain available until expended,  
22          of which—

23                  (A) 50 percent shall be for grants to  
24                  States and Indian Tribes under subsection (b)

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1 for eligible activities described in subsection  
2 (d)(1); and

3 (B) 50 percent shall be for available to the  
4 Secretary for eligible activities described in sub-  
5 section (d)(1) on Federal land.

6 (2) TRANSFER.—The Secretary may transfer  
7 amounts made available to the Secretary under  
8 paragraph (1)(B) to the Secretary of Agriculture for  
9 activities described in subsection (a) on National  
10 Forest System land.

11 **TITLE VIII—NATURAL RE-**  
12 **SOURCES-RELATED INFRA-**  
13 **STRUCTURE, WILDFIRE MAN-**  
14 **AGEMENT, AND ECOSYSTEM**  
15 **RESTORATION**

16 **SEC. 30801. FOREST SERVICE LEGACY ROAD AND TRAIL RE-**  
17 **MEDIATION PROGRAM.**

18 (a) ESTABLISHMENT.—Public Law 88–657 (16  
19 U.S.C. 532 et seq.) (commonly known as the “Forest  
20 Roads and Trails Act”) is amended by adding at the end  
21 the following:

22 **“SEC. 8. FOREST SERVICE LEGACY ROAD AND TRAIL REME-**  
23 **DIATION PROGRAM.**

24 “(a) ESTABLISHMENT.—The Secretary shall estab-  
25 lish the Forest Service Legacy Road and Trail Remedi-

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1 ation Program (referred to in this section as the ‘Pro-  
2 gram’).

3 “(b) ACTIVITIES.—In carrying out the Program, the  
4 Secretary shall, taking into account foreseeable changes  
5 in weather and hydrology—

6 “(1) restore passages for fish and other aquatic  
7 species by—

8 “(A) improving, repairing, or replacing cul-  
9 verts and other infrastructure; and

10 “(B) removing barriers, as the Secretary  
11 determines appropriate, from the passages;

12 “(2) decommission unauthorized user-created  
13 roads and trails that are not a National Forest Sys-  
14 tem road or a National Forest System trail, if the  
15 applicable unit of the National Forest System has  
16 published—

17 “(A) a Motor Vehicle Use Map and the  
18 road is not identified as a National Forest Sys-  
19 tem road on that Motor Vehicle Use Map; or

20 “(B) a map depicting the authorized trails  
21 in the applicable unit of the National Forest  
22 System and the trail is not identified as a Na-  
23 tional Forest System trail on that map;

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1           “(3) prepare previously closed National Forest  
2 System roads for long-term storage, in accordance  
3 with subsections (c)(1) and (d), in a manner that—

4                   “(A) prevents motor vehicle use, as appro-  
5 priate to conform to route designations;

6                   “(B) prevents the roads from damaging  
7 adjacent resources, including aquatic and wild-  
8 life resources;

9                   “(C) reduces or eliminates the need for  
10 road maintenance; and

11                   “(D) preserves the roads for future use;

12           “(4) decommission previously closed National  
13 Forest System roads and trails in accordance with  
14 subsections (c)(1) and (d);

15           “(5) relocate National Forest System roads and  
16 trails—

17                   “(A) to increase resilience to extreme  
18 weather events, flooding, and other natural dis-  
19 asters; and

20                   “(B) to respond to changing resource con-  
21 ditions and public input;

22           “(6) convert National Forest System roads to  
23 National Forest System trails, while allowing for  
24 continued use for motorized and nonmotorized recre-

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1 ation, to the extent the use is compatible with the  
2 management status of the road or trail;

3 “(7) decommission temporary roads—

4 “(A) that were constructed before the date  
5 of enactment of this section—

6 “(i) for emergency operations; or

7 “(ii) to facilitate a resource extraction  
8 project;

9 “(B) that were designated as a temporary  
10 road by the Secretary; and

11 “(C)(i) in violation of section 10(b) of the  
12 Forest and Rangeland Renewable Resources  
13 Planning Act of 1974 (16 U.S.C. 1608(b)), on  
14 which vegetation cover has not been reestab-  
15 lished; or

16 “(ii) that have not been fully decommis-  
17 sioned; and

18 “(8) carry out projects on National Forest Sys-  
19 tem roads, trails, and bridges to improve resilience  
20 to extreme weather events, flooding, or other natural  
21 disasters.

22 “(c) PROJECT SELECTION.—

23 “(1) PROJECT ELIGIBILITY.—

24 “(A) IN GENERAL.—The Secretary may  
25 only fund under the Program a project de-

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1 scribed in paragraph (3) or (4) of subsection  
2 (b) if the Secretary previously and separately—

3 “(i) solicited public comment for  
4 changing the management status of the  
5 applicable National Forest System road or  
6 trail—

7 “(I) to close the road or trail to  
8 access; and

9 “(II) to minimize impacts to nat-  
10 ural resources; and

11 “(ii) has closed the road or trail to ac-  
12 cess as described in clause (i)(I).

13 “(B) REQUIREMENT.—Each project car-  
14 ried out under the Program shall be on a Na-  
15 tional Forest System road or trail, except with  
16 respect to—

17 “(i) a project described in subsection  
18 (b)(2); or

19 “(ii) a project carried out on a water-  
20 shed for which the Secretary has entered  
21 into a cooperative agreement under section  
22 323 of the Department of the Interior and  
23 Related Agencies Appropriations Act, 1999  
24 (16 U.S.C. 1011a).



## 1921

1           “(2) ANNUAL SELECTION OF PROJECTS FOR  
2 FUNDING.—The Secretary shall—

3           “(A) establish a process for annually se-  
4 lecting projects for funding under the Program,  
5 consistent with the requirements of this section;

6           “(B) solicit and consider public input re-  
7 gionally in the ranking of projects for funding  
8 under the Program;

9           “(C) give priority for funding under the  
10 Program to projects that would—

11           “(i) protect or improve water quality  
12 in public drinking water source areas;

13           “(ii) restore the habitat of a threat-  
14 ened, endangered, or sensitive fish or wild-  
15 life species; or

16           “(iii) maintain future access to the  
17 adjacent area for the public, contractors,  
18 permittees, or firefighters; and

19           “(D) publish on the website of the Forest  
20 Service—

21           “(i) the selection process established  
22 under subparagraph (A); and

23           “(ii) a list that includes a description  
24 and the proposed outcome of each project

1922

1 funded under the Program in each fiscal  
2 year.

3 “(d) IMPLEMENTATION.—In implementing the Pro-  
4 gram, the Secretary shall ensure that—

5 “(1) the system of roads and trails on the ap-  
6 plicable unit of the National Forest System—

7 “(A) is adequate to meet any increasing  
8 demands for timber, recreation, and other uses;

9 “(B) provides for intensive use, protection,  
10 development, and management of the land  
11 under principles of multiple use and sustained  
12 yield of products and services;

13 “(C) does not damage, degrade, or impair  
14 adjacent resources, including aquatic and wild-  
15 life resources, to the extent practicable;

16 “(D) reflects long-term funding expecta-  
17 tions; and

18 “(E) is adequate for supporting emergency  
19 operations, such as evacuation routes during  
20 wildfires, floods, and other natural disasters;  
21 and

22 “(2) all projects funded under the Program are  
23 consistent with any applicable forest plan or travel  
24 management plan.

1923

1 “(e) SAVINGS CLAUSE.—A decision to fund a project  
2 under the Program shall not affect any determination  
3 made previously or to be made in the future by the Sec-  
4 retary with regard to road or trail closures.”.

5 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
6 authorized to be appropriated to the Secretary of Agri-  
7 culture to carry out section 8 of Public Law 88–657 (com-  
8 monly known as the “Forest Roads and Trails Act”)   
9 \$250,000,000 for the period of fiscal years 2022 through  
10 2026.

11 **SEC. 30802. STUDY AND REPORT ON FEASIBILITY OF RE-**  
12 **VEGETATING RECLAIMED MINE SITES.**

13 (a) IN GENERAL.—Not later than 1 year after the  
14 date of enactment of this Act, the Secretary of the Inte-  
15 rior, acting through the Director of the Office of Surface  
16 Mining Reclamation and Enforcement, shall conduct, and  
17 submit to Congress a report describing the results of, a  
18 study on the feasibility of revegetating reclaimed mined  
19 sites.

20 (b) INCLUSIONS.—The report submitted under sub-  
21 section (a) shall include—

22 (1) recommendations for how a program could  
23 be implemented through the Office of Surface Min-  
24 ing Reclamation and Enforcement to revegetate re-  
25 claimed mined sites;

1924

1 (2) identifications of reclaimed mine sites that  
2 would be suitable for inclusion in such a program,  
3 including sites on land that—

4 (A) is subject to title IV of the Surface  
5 Mining Control and Reclamation Act of 1977  
6 (30 U.S.C. 1231 et seq.); and

7 (B) is not subject to that title;

8 (3) a description of any barriers to implementa-  
9 tion of such a program, including whether the pro-  
10 gram would potentially interfere with the authorities  
11 contained in, or the implementation of, the Surface  
12 Mining Control and Reclamation Act of 1977 (30  
13 U.S.C. 1201 et seq.), including the Abandoned Mine  
14 Reclamation Fund created by section 401 of that  
15 Act (30 U.S.C. 1231) and State reclamation pro-  
16 grams under section 405 of that Act (30 U.S.C.  
17 1235); and

18 (4) a description of the potential for job cre-  
19 ation and workforce needs if such a program was  
20 implemented.

21 **SEC. 30803. WILDFIRE RISK REDUCTION.**

22 (a) AUTHORIZATION OF APPROPRIATIONS.—There is  
23 authorized to be appropriated to the Secretary of the Inte-  
24 rior and the Secretary of Agriculture, acting through the  
25 Chief of the Forest Service, for the activities described in

1925

1 subsection (c), \$3,369,200,000 for the period of fiscal  
2 years 2022 through 2026.

3 (b) TREATMENT.—Of the Federal land or Indian for-  
4 est land or rangeland that has been identified as having  
5 a very high wildfire hazard potential, the Secretary of the  
6 Interior and the Secretary of Agriculture, acting through  
7 the Chief of the Forest Service, shall, by not later than  
8 September 30, 2027, conduct restoration treatments and  
9 improve the Fire Regime Condition Class of 10,000,000  
10 acres that are located in—

11 (1) the wildland-urban interface; or

12 (2) a public drinking water source area.

13 (c) ACTIVITIES.—Of the amounts made available  
14 under subsection (a) for the period of fiscal years 2022  
15 through 2026—

16 (1) \$20,000,000 shall be made available for en-  
17 tering into an agreement with the Administrator of  
18 the National Oceanic and Atmospheric Administra-  
19 tion to establish and operate a program that makes  
20 use of the Geostationary Operational Environmental  
21 Satellite Program to rapidly detect and report wild-  
22 fire starts in all areas in which the Secretary of the  
23 Interior or the Secretary of Agriculture has financial  
24 responsibility for wildland fire protection and pre-  
25 vention, of which—

1926

1 (A) \$10,000,000 shall be made available to  
2 the Secretary of the Interior; and

3 (B) \$10,000,000 shall be made available to  
4 the Secretary of Agriculture;

5 (2) \$600,000,000 shall be made available for  
6 the salaries and expenses of Federal wildland fire-  
7 fighters in accordance with subsection (d), of  
8 which—

9 (A) \$120,000,000 shall be made available  
10 to the Secretary of the Interior; and

11 (B) \$480,000,000 shall be made available  
12 to the Secretary of Agriculture;

13 (3) \$10,000,000 shall be made available to the  
14 Secretary of the Interior to acquire technology and  
15 infrastructure for each Type I and Type II incident  
16 management team to maintain interoperability with  
17 respect to the radio frequencies used by any re-  
18 sponding agency;

19 (4) \$30,000,000 shall be made available to the  
20 Secretary of Agriculture to provide financial assist-  
21 ance to States, Indian Tribes, and units of local gov-  
22 ernment to establish and operate Reverse-911 tele-  
23 communication systems;

24 (5) \$50,000,000 shall be made available to the  
25 Secretary of the Interior to establish and implement

1927

1 a pilot program to provide to local governments fi-  
2 nancial assistance for the acquisition of slip-on tank-  
3 er units to establish fleets of vehicles that can be  
4 quickly converted to be operated as fire engines;

5 (6) \$1,200,000 shall be made available to the  
6 Secretary of Agriculture, in coordination with the  
7 Secretary of the Interior, to develop and publish, not  
8 later than 180 days after the date of enactment of  
9 this Act, and every 5 years thereafter, a map depict-  
10 ing at-risk communities (as defined in section 101 of  
11 the Healthy Forests Restoration Act of 2003 (16  
12 U.S.C. 6511)), including Tribal at-risk communities;

13 (7) \$100,000,000 shall be made available to the  
14 Secretary of the Interior and the Secretary of Agri-  
15 culture—

16 (A) for—

17 (i) preplanning fire response work-  
18 shops that develop—

19 (I) potential operational delineations; and  
20

21 (II) select potential control loca-  
22 tions; and

23 (ii) workforce training for staff, non-  
24 Federal firefighters, and Native village fire  
25 crews for—

1928

1 (I) wildland firefighting; and

2 (II) increasing the pace and scale

3 of vegetation treatments, including

4 training on how to prepare and imple-

5 ment large landscape treatments; and

6 (B) of which—

7 (i) \$50,000,000 shall be made avail-

8 able to the Secretary of the Interior; and

9 (ii) \$50,000,000 shall be made avail-

10 able to the Secretary of Agriculture;

11 (8) \$20,000,000 shall be made available to the

12 Secretary of Agriculture to enter into an agreement

13 with a Southwest Ecological Restoration Institute

14 established under the Southwest Forest Health and

15 Wildfire Prevention Act of 2004 (16 U.S.C. 6701 et

16 seq.)—

17 (A) to compile and display existing data,

18 including geographic data, for hazardous fuel

19 reduction or wildfire prevention treatments un-

20 dertaken by the Secretary of the Interior or the

21 Secretary of Agriculture, including treatments

22 undertaken with funding provided under this

23 title;

24 (B) to compile and display existing data,

25 including geographic data, for large wildfires,



1929

1 as defined by the National Wildfire Coordinating Group, that occur in the United States;

2 (C) to facilitate coordination and use of existing and future interagency fuel treatment data, including geographic data, for the purposes of—

3 (i) assessing and planning cross-boundary fuel treatments; and

4 (ii) monitoring the effects of treatments on wildfire outcomes and ecosystem restoration services, using the data compiled under subparagraphs (A) and (B);

5 (D) to publish a report every 5 years showing the extent to which treatments described in subparagraph (A) and previous wildfires affect the boundaries of wildfires, categorized by—

6 (i) Federal land management agency;

7 (ii) region of the United States; and

8 (iii) treatment type; and

9 (E) to carry out other related activities of a Southwest Ecological Restoration Institute, as authorized by the Southwest Forest Health and Wildfire Prevention Act of 2004 (16 U.S.C. 6701 et seq.);

1930

1           (9) \$20,000,000 shall be available for activities  
2           conducted under the Joint Fire Science Program, of  
3           which—

4                   (A) \$10,000,000 shall be made available to  
5           the Secretary of the Interior; and

6                   (B) \$10,000,000 shall be made available to  
7           the Secretary of Agriculture;

8           (10) \$100,000,000 shall be made available to  
9           the Secretary of Agriculture for collaboration and  
10          collaboration-based activities, including facilitation,  
11          certification of collaboratives, and planning and im-  
12          plementing projects under the Collaborative Forest  
13          Landscape Restoration Program established under  
14          section 4003 of the Omnibus Public Land Manage-  
15          ment Act of 2009 (16 U.S.C. 7303) in accordance  
16          with subsection (e);

17          (11) \$500,000,000 shall be made available to  
18          the Secretary of the Interior and the Secretary of  
19          Agriculture—

20                   (A) for—

21                           (i) conducting mechanical thinning  
22                           and timber harvesting in an ecologically  
23                           appropriate manner that maximizes the re-  
24                           tention of large trees, as appropriate for

1931

1 the forest type, to the extent that the trees  
2 promote fire-resilient stands; or

3 (ii) precommercial thinning in young  
4 growth stands for wildlife habitat benefits  
5 to provide subsistence resources; and

6 (B) of which—

7 (i) \$100,000,000 shall be made avail-  
8 able to the Secretary of the Interior; and

9 (ii) \$400,000,000 shall be made avail-  
10 able to the Secretary of Agriculture;

11 (12) \$500,000,000 shall be made available to  
12 the Secretary of Agriculture, in cooperation with  
13 States, to award community wildfire defense grants  
14 to at-risk communities in accordance with subsection  
15 (f);

16 (13) \$500,000,000 shall be made available for  
17 planning and conducting prescribed fires and related  
18 activities, of which—

19 (A) \$250,000,000 shall be made available  
20 to the Secretary of the Interior; and

21 (B) \$250,000,000 shall be made available  
22 to the Secretary of Agriculture;

23 (14) \$500,000,000 shall be made available for  
24 developing or improving potential control locations,  
25 in accordance with paragraph (7)(A)(i)(II), includ-

1932

1 ing installing fuelbreaks (including fuelbreaks stud-  
2 ied under subsection (i)), with a focus on shaded  
3 fuelbreaks when ecologically appropriate, of which—

4 (A) \$250,000,000 shall be made available  
5 to the Secretary of the Interior; and

6 (B) \$250,000,000 shall be made available  
7 to the Secretary of Agriculture;

8 (15) \$200,000,000 shall be made available for  
9 contracting or employing crews of laborers to modify  
10 and remove flammable vegetation on Federal land  
11 and for using materials from treatments, to the ex-  
12 tent practicable, to produce biochar and other inno-  
13 vative wood products, including through the use of  
14 existing locally based organizations that engage  
15 young adults, Native youth, and veterans in service  
16 projects, such as youth and conservation corps, of  
17 which—

18 (A) \$100,000,000 shall be made available  
19 to the Secretary of the Interior; and

20 (B) \$100,000,000 shall be made available  
21 to the Secretary of Agriculture;

22 (16) \$200,000,000 shall be made available for  
23 post-fire restoration activities that are implemented  
24 not later than 3 years after the date that a wildland  
25 fire is contained, of which—

1933

1 (A) \$100,000,000 shall be made available  
2 to the Secretary of the Interior; and

3 (B) \$100,000,000 shall be made available  
4 to the Secretary of Agriculture;

5 (17) \$8,000,000 shall be made available to the  
6 Secretary of Agriculture—

7 (A) to provide feedstock to firewood banks;  
8 and

9 (B) to provide financial assistance for the  
10 operation of firewood banks; and

11 (18) \$10,000,000 shall be available to the Sec-  
12 retary of the Interior and the Secretary of Agri-  
13 culture for the procurement and placement of wild-  
14 fire detection and real-time monitoring equipment,  
15 such as sensors, cameras, and other relevant equip-  
16 ment, in areas at risk of wildfire or post-burned  
17 areas.

18 (d) WILDLAND FIREFIGHTERS.—

19 (1) IN GENERAL.—Subject to the availability of  
20 appropriations, not later than 180 days after the  
21 date of enactment of this Act, the Secretary of the  
22 Interior and the Secretary of Agriculture shall, using  
23 the amounts made available under subsection (c)(2),  
24 coordinate with the Director of the Office of Per-

1934

1       sonnel Management to develop a distinct “wildland  
2       firefighter” occupational series.

3               (2) HAZARDOUS DUTY DIFFERENTIAL NOT AF-  
4       FECTED.—Section 5545(d)(1) of title 5, United  
5       States Code, is amended by striking “except” and all  
6       that follows through “and” at the end and inserting  
7       the following: “except—

8               “(A) an employee in an occupational series  
9               covering positions for which the primary duties  
10              involve the prevention, control, suppression, or  
11              management of wildland fires, as determined by  
12              the Office; and

13              “(B) in such other circumstances as the  
14              Office may by regulation prescribe; and”.

15              (3) CURRENT EMPLOYEES.—Any individual em-  
16       ployed as a wildland firefighter on the date on which  
17       the occupational series established under paragraph  
18       (1) takes effect may elect—

19              (A) to remain in the occupational series in  
20              which the individual is employed; or

21              (B) to be included in the “wildland fire-  
22              fighter” occupational series established under  
23              that paragraph.

24              (4) PERMANENT EMPLOYEES; INCREASE IN  
25       SALARY.—Using the amounts made available under

1935

1 subsection (c)(2), beginning October 1, 2021, the  
2 Secretary of the Interior and the Secretary of Agri-  
3 culture shall—

4 (A) seek to convert not fewer than 1,000  
5 seasonal wildland firefighters to wildland fire-  
6 fighters that—

7 (i) are full-time, permanent, year-  
8 round Federal employees; and

9 (ii) reduce hazardous fuels on Federal  
10 land not fewer than 800 hours per year;  
11 and

12 (B) increase the base salary of a Federal  
13 wildland firefighter by the lesser of an amount  
14 that is commensurate with an increase of  
15 \$20,000 per year or an amount equal to 50 per-  
16 cent of the base salary, if the Secretary con-  
17 cerned, in coordination with the Director of the  
18 Office of Personnel Management, makes a writ-  
19 ten determination that the position of the Fed-  
20 eral wildland firefighter is located within a  
21 specified geographic area in which it is difficult  
22 to recruit or retain a Federal wildland fire-  
23 fighter.

24 (5) NATIONAL WILDFIRE COORDINATING  
25 GROUP.—Using the amounts made available under

1936

1 subsection (c)(2), not later than October 1, 2022,  
2 the Secretary of the Interior and the Secretary of  
3 Agriculture shall—

4 (A) develop and adhere to recommenda-  
5 tions for mitigation strategies for wildland fire-  
6 fighters to minimize exposure due to line-of-  
7 duty environmental hazards; and

8 (B) establish programs for permanent,  
9 temporary, seasonal, and year-round wildland  
10 firefighters to recognize and address mental  
11 health needs, including post-traumatic stress  
12 disorder care.

13 (e) COLLABORATIVE FOREST LANDSCAPE RESTORA-  
14 TION PROGRAM.—Subject to the availability of appropria-  
15 tions, not later than 180 days after the date of enactment  
16 of this Act, the Secretary of Agriculture shall, using the  
17 amounts made available under subsection (c)(10)—

18 (1) solicit new project proposals under the Col-  
19 laborative Forest Landscape Restoration Program  
20 established under section 4003 of the Omnibus Pub-  
21 lic Land Management Act of 2009 (16 U.S.C. 7303)  
22 (referred to in this subsection as the “Program”);

23 (2) provide up to 5 years of additional funding  
24 of any proposal originally selected for funding under  
25 the Program prior to September 30, 2018—



1937

1 (A) that has been approved for an exten-  
2 sion of funding by the Secretary of Agriculture  
3 prior to the date of enactment of this Act; or

4 (B) that has been recommended for an ex-  
5 tension of funding by the advisory panel estab-  
6 lished under section 4003(e) of the Omnibus  
7 Public Land Management Act of 2009 (16  
8 U.S.C. 7303(e)) prior to the date of enactment  
9 of this Act that the Secretary of Agriculture  
10 subsequently approves; and

11 (3) select project proposals for funding under  
12 the Program in a manner that—

13 (A) gives priority to a project proposal that  
14 will treat acres that—

15 (i) have been identified as having very  
16 high wildfire hazard potential; and

17 (ii) are located in—

18 (I) the wildland-urban interface;

19 or

20 (II) a public drinking water  
21 source area;

22 (B) takes into consideration—

23 (i) the cost per acre of Federal land  
24 or Indian forest land or rangeland acres

1938

1 described in subparagraph (A) to be treat-  
2 ed; and

3 (ii) the number of acres described in  
4 subparagraph (A) to be treated;

5 (C) gives priority to a project proposal that  
6 is proposed by a collaborative that has success-  
7 fully accomplished treatments consistent with a  
8 written plan that included a proposed schedule  
9 of completing those treatments, which is not  
10 limited to an earlier proposal funded under the  
11 Program; and

12 (D) discontinues funding for a project that  
13 fails to achieve the results included in a project  
14 proposal submitted under paragraph (1) for  
15 more than 2 consecutive years.

16 (f) COMMUNITY WILDFIRE DEFENSE GRANT PRO-  
17 GRAM.—

18 (1) ESTABLISHMENT.—Subject to the avail-  
19 ability of appropriations, not later than 180 days  
20 after the date of enactment of this Act, the Sec-  
21 retary of Agriculture shall, using amounts made  
22 available under subsection (c)(12), establish a pro-  
23 gram, which shall be separate from the program es-  
24 tablished under section 203 of the Robert T. Staf-  
25 ford Disaster Relief and Emergency Assistance Act

1939

1 (42 U.S.C. 5133), under which the Secretary of Ag-  
2 riculture, in cooperation with the States, shall award  
3 grants to at-risk communities, including Indian  
4 Tribes—

5 (A) to develop or revise a community wild-  
6 fire protection plan; and

7 (B) to carry out projects described in a  
8 community wildfire protection plan that is not  
9 more than 10 years old.

10 (2) PRIORITY.—In awarding grants under the  
11 program described in paragraph (1), the Secretary  
12 of Agriculture shall give priority to an at-risk com-  
13 munity that is—

14 (A) in an area identified by the Secretary  
15 of Agriculture as having high or very high wild-  
16 fire hazard potential;

17 (B) a low-income community; or

18 (C) a community impacted by a severe dis-  
19 aster.

20 (3) COMMUNITY WILDFIRE DEFENSE  
21 GRANTS.—

22 (A) GRANT AMOUNTS.—A grant—

23 (i) awarded under paragraph (1)(A)  
24 shall be for not more than \$250,000; and

1940

1 (ii) awarded under paragraph (1)(B)  
2 shall be for not more than \$10,000,000.

3 (B) COST SHARING REQUIREMENT.—

4 (i) IN GENERAL.—Expect as provided  
5 in clause (ii), the non-Federal cost (includ-  
6 ing the administrative cost) of carrying out  
7 a project using funds from a grant award-  
8 ed under the program described in para-  
9 graph (1) shall be—

10 (I) not less than 10 percent for a  
11 grant awarded under paragraph  
12 (1)(A); and

13 (II) not less than 25 percent for  
14 a grant awarded under paragraph  
15 (1)(B).

16 (ii) WAIVER.—The Secretary of Agri-  
17 culture may waive the cost-sharing require-  
18 ment under clause (i) for a project that  
19 serves an underserved community.

20 (C) ELIGIBILITY.—The Secretary of Agri-  
21 culture shall not award a grant under para-  
22 graph (1) to an at-risk community that is lo-  
23 cated in a county or community that—

24 (i) is located in the continental United  
25 States; and

1941

1 (ii) has not adopted an ordinance or  
2 regulation that requires the construction of  
3 new roofs on buildings to adhere to stand-  
4 ards that are similar to, or more stringent  
5 than—

6 (I) the roof construction stand-  
7 ards established by the National Fire  
8 Protection Association; or

9 (II) an applicable model building  
10 code established by the International  
11 Code Council.

12 (g) PRIORITIES.—In carrying out projects using  
13 amounts made available under this section, the Secretary  
14 of the Interior or the Secretary of Agriculture, acting  
15 through the Chief of the Forest Service, as applicable,  
16 shall prioritize funding for projects—

17 (1) for which any applicable processes under  
18 the National Environmental Policy Act of 1969 (42  
19 U.S.C. 4321 et seq.) have been completed on the  
20 date of enactment of this Act;

21 (2) that reduce the likelihood of experiencing  
22 uncharacteristically severe effects from a potential  
23 wildfire by focusing on areas strategically important  
24 for reducing the risks associated with wildfires;

1942

1           (3) that maximize the retention of large trees,  
2           as appropriate for the forest type, to the extent that  
3           the trees promote fire-resilient stands;

4           (4) that do not include the establishment of  
5           permanent roads;

6           (5) for which funding would be committed to  
7           decommission all temporary roads constructed to  
8           carry out the project; and

9           (6) that fully maintain or contribute toward the  
10          restoration of the structure and composition of old  
11          growth stands consistent with the characteristics of  
12          that forest type, taking into account the contribution  
13          of the old growth stand to landscape fire adaption  
14          and watershed health, unless the old growth stand is  
15          part of a science-based ecological restoration project  
16          authorized by the Secretary concerned that meets  
17          applicable protection and old growth enhancement  
18          objectives, as determined by the Secretary con-  
19          cerned.

20          (h) REPORTS.— The Secretary of the Interior and  
21          the Secretary of Agriculture, acting through the Chief of  
22          the Forest Service, shall complete and submit to the Com-  
23          mittee on Energy and Natural Resources of the Senate  
24          and the Committee on Natural Resources of the House  
25          of Representatives an annual report describing the num-

## 1943

1 ber of acres of land on which projects carried out using  
2 funds made available under this section improved the Fire  
3 Regime Condition Class of the land described in sub-  
4 section (b).

5 (i) WILDFIRE PREVENTION STUDY.—

6 (1) IN GENERAL.—Not later than 180 days  
7 after the date of enactment of this Act, the Sec-  
8 retary of Agriculture shall initiate a study of the  
9 construction and maintenance of a system of strate-  
10 gically placed fuelbreaks to control wildfires in west-  
11 ern States.

12 (2) REVIEW.—The study under paragraph (1)  
13 shall review—

14 (A) a full suite of manual, chemical, and  
15 mechanical treatments; and

16 (B) the effectiveness of the system de-  
17 scribed in that paragraph in reducing wildfire  
18 risk and protecting communities.

19 (3) DETERMINATION.—Not later than 90 days  
20 after the date of completion of the study under para-  
21 graph (1), the Secretary of Agriculture shall deter-  
22 mine whether to initiate the preparation of a pro-  
23 grammatic environmental impact statement imple-  
24 menting the system described in that paragraph in  
25 appropriate locations.

1944

1 (j) MONITORING, MAINTENANCE, AND TREATMENT  
2 PLAN AND STRATEGY.—

3 (1) IN GENERAL.—Not later than 120 days  
4 after the date of enactment of this Act, the Sec-  
5 retary of Agriculture and the Secretary of the Inte-  
6 rior shall establish a 5-year monitoring, mainte-  
7 nance, and treatment plan that—

8 (A) describes activities under subsection  
9 (c) that the Secretary of Agriculture and the  
10 Secretary of the Interior will take to reduce the  
11 risk of wildfire by conducting restoration treat-  
12 ments and improving the Fire Regime Condi-  
13 tion Class of 10,000,000 acres of Federal land  
14 or Tribal Forest land or rangeland that is iden-  
15 tified as having very high wildfire hazard poten-  
16 tial, not including annual treatments otherwise  
17 scheduled;

18 (B) establishes a process for prioritizing  
19 treatments in areas and communities at the  
20 highest risk of catastrophic wildfires;

21 (C) includes an innovative plan and proc-  
22 ess—

23 (i) to leverage public-private partner-  
24 ships and resources, shared stewardship



1945

1 agreements, good neighbor agreements,  
2 and similar contracting authorities;

3 (ii) to prioritize projects for which any  
4 applicable processes under the National  
5 Environmental Policy Act of 1969 (42  
6 U.S.C. 4321 et seq.) have been completed  
7 as of the date of enactment of this Act;

8 (iii) to streamline subsequent projects  
9 based on existing statutory or regulatory  
10 authorities; and

11 (iv) to develop interagency teams to  
12 increase coordination and efficiency under  
13 the National Environmental Policy Act of  
14 1969 (42 U.S.C. 4321); and

15 (D) establishes a process for coordinating  
16 prioritization and treatment with State and  
17 local entities and affected stakeholders.

18 (2) STRATEGY.—Not later than 5 years after  
19 the date of enactment of this Act, the Secretary of  
20 Agriculture and the Secretary of the Interior, in co-  
21 ordination with State and local governments, shall  
22 publish a long-term, outcome-based monitoring,  
23 maintenance, and treatment strategy—

1946

1 (A) to maintain forest health improve-  
2 ments and wildfire risk reduction accomplished  
3 under this section;

4 (B) to continue treatment at levels nec-  
5 essary to address the 20,000,000 acres needing  
6 priority treatment over the 10-year period be-  
7 ginning on the date of publication of the strat-  
8 egy; and

9 (C) to proactively conduct treatment at a  
10 level necessary to minimize the risk of wildfire  
11 to surrounding at-risk communities.

12 (k) AUTHORIZED HAZARDOUS FUELS PROJECTS.—  
13 A project carried out using funding authorized under  
14 paragraphs (11)(A)(i), (13), or (14) of subsection (c) shall  
15 be considered an authorized hazardous fuel reduction  
16 project pursuant to section 102 of the Healthy Forests  
17 Restoration Act of 2003 (16 U.S.C. 6512).

18 **SEC. 30804. ECOSYSTEM RESTORATION.**

19 (a) AUTHORIZATION OF APPROPRIATIONS.—There is  
20 authorized to be appropriated to the Secretary of the Inte-  
21 rior and the Secretary of Agriculture, acting through the  
22 Chief of the Forest Service, for the activities described in  
23 subsection (b), \$2,130,000,000 for the period of fiscal  
24 years 2022 through 2026.

1947

1 (b) ACTIVITIES.—Of the amounts made available  
2 under subsection (a) for the period of fiscal years 2022  
3 through 2026—

4 (1) \$300,000,000 shall be made available, in  
5 accordance with subsection (c), to the Secretary of  
6 the Interior and the Secretary of Agriculture—

7 (A) for—

8 (i) entering into contracts, including  
9 stewardship contracts or agreements, the  
10 purpose of each of which shall be to restore  
11 ecological health on not fewer than 10,000  
12 acres of Federal land, including Indian for-  
13 est land or rangeland, and for salaries and  
14 expenses associated with preparing and  
15 executing those contracts; and

16 (ii) establishing a Working Capital  
17 Fund that may be accessed by the Sec-  
18 retary of the Interior or the Secretary of  
19 Agriculture to fund requirements of con-  
20 tracts described in clause (i), including  
21 cancellation and termination costs, con-  
22 sistent with section 604(h) of the Healthy  
23 Forests Restoration Act of 2003 (16  
24 U.S.C. 6591e(h)), and periodic payments  
25 over the span of the contract period; and

1948

1 (B) of which—

2 (i) \$50,000,000 shall be made avail-  
3 able to the Secretary of the Interior to  
4 enter into contracts described in subpara-  
5 graph (A)(i);

6 (ii) \$150,000,000 shall be made avail-  
7 able to the Secretary of Agriculture to  
8 enter into contracts described in subpara-  
9 graph (A)(i); and

10 (iii) \$100,000,000 shall be made  
11 available until expended to the Secretary of  
12 the Interior, notwithstanding any other  
13 provision of this Act, to establish the  
14 Working Capital Fund described in sub-  
15 paragraph (A)(ii);

16 (2) \$200,000,000 shall be made available to  
17 provide to States and Indian Tribes for imple-  
18 menting restoration projects on Federal land pursu-  
19 ant to good neighbor agreements entered into under  
20 section 8206 of the Agricultural Act of 2014 (16  
21 U.S.C. 2113a) or agreements entered into under sec-  
22 tion 2(b) of the Tribal Forest Protection Act of  
23 2004 (25 U.S.C. 3115a(b)), of which—

24 (A) \$40,000,000 shall be made available to  
25 the Secretary of the Interior; and

1949

1 (B) \$160,000,000 shall be made available  
2 to the Secretary of Agriculture;

3 (3) \$400,000,000 shall be made available to the  
4 Secretary of Agriculture to provide financial assist-  
5 ance to facilities that purchase and process byprod-  
6 ucts from ecosystem restoration projects in accord-  
7 ance with subsection (d);

8 (4) \$400,000,000 shall be made available to the  
9 Secretary of the Interior to provide grants to States,  
10 territories of the United States, and Indian Tribes  
11 for implementing voluntary ecosystem restoration  
12 projects on private or public land, in consultation  
13 with the Secretary of Agriculture, that—

14 (A) prioritizes funding cross-boundary  
15 projects; and

16 (B) requires matching funding from the  
17 State, territory of the United States, or Indian  
18 Tribe to be eligible to receive the funding;

19 (5) \$50,000,000 shall be made available to the  
20 Secretary of Agriculture to award grants to States  
21 and Indian Tribes to establish rental programs for  
22 portable skidder bridges, bridge mats, or other tem-  
23 porary water crossing structures, to minimize stream  
24 bed disturbance on non-Federal land and Federal  
25 land;

1950

1           (6) \$200,000,000 shall be made available for  
2           invasive species detection, prevention, and eradi-  
3           cation, including conducting research and providing  
4           resources to facilitate detection of invasive species at  
5           points of entry and awarding grants for eradication  
6           of invasive species on non-Federal land and on Fed-  
7           eral land, of which—

8                   (A) \$100,000,000 shall be made available  
9                   to the Secretary of the Interior; and

10                   (B) \$100,000,000 shall be made available  
11                   to the Secretary of Agriculture;

12           (7) \$100,000,000 shall be made available to re-  
13           store, prepare, or adapt recreation sites on Federal  
14           land, including Indian forest land or rangeland, in  
15           accordance with subsection (e);

16           (8) \$200,000,000 shall be made available to re-  
17           store native vegetation and mitigate environmental  
18           hazards on mined land on Federal and non-Federal  
19           land, of which—

20                   (A) \$100,000,000 shall be made available  
21                   to the Secretary of the Interior; and

22                   (B) \$100,000,000 shall be made available  
23                   to the Secretary of Agriculture;

24           (9) \$200,000,000 shall be made available to es-  
25           tablish and implement a national revegetation effort

1951

1 on Federal and non-Federal land, including to im-  
2 plement the National Seed Strategy for Rehabilita-  
3 tion and Restoration, of which—

4 (A) \$70,000,000 shall be made available to  
5 the Secretary of the Interior; and

6 (B) \$130,000,000 shall be made available  
7 to the Secretary of Agriculture; and

8 (10) \$80,000,000 shall be made available to the  
9 Secretary of Agriculture, in coordination with the  
10 Secretary of the Interior, to establish a collaborative-  
11 based, landscape-scale restoration program to re-  
12 store water quality or fish passage on Federal land,  
13 including Indian forest land or rangeland, in accord-  
14 ance with subsection (f).

15 (c) ECOLOGICAL HEALTH RESTORATION CON-  
16 TRACTS.—

17 (1) SUBMISSION OF LIST OF PROJECTS TO CON-  
18 GRESS.—Until the date on which all of the amounts  
19 made available to carry out subsection (b)(1)(A)(i)  
20 are expended, not later than 90 days before the end  
21 of each fiscal year, the Secretary of the Interior and  
22 the Secretary of Agriculture shall submit to the  
23 Committee on Energy and Natural Resources and  
24 the Committee on Appropriations of the Senate and  
25 the Committee on Natural Resources and the Com-

1952

1        mittee on Appropriations of the House of Represent-  
2        atives a list of projects to be funded under that sub-  
3        section in the subsequent fiscal year, including—

4                (A) a detailed description of each project;  
5                and

6                (B) an estimate of the cost, including sala-  
7                ries and expenses, for the project.

8                (2) ALTERNATE ALLOCATION.—Appropriations  
9        Acts may provide for alternate allocation of amounts  
10       made available under subsection (b)(1), consistent  
11       with the allocations under subparagraph (B) of that  
12       subsection.

13                (3) LACK OF ALTERNATE ALLOCATIONS.—If  
14       Congress has not enacted legislation establishing al-  
15       ternate allocations described in paragraph (2) by the  
16       date on which the Act making full-year appropria-  
17       tions for the Department of the Interior, Environ-  
18       ment, and Related Agencies for the applicable fiscal  
19       year is enacted into law, amounts made available  
20       under subsection (b)(1)(B) shall be allocated by the  
21       President.

22                (d) WOOD PRODUCTS INFRASTRUCTURE.—The Sec-  
23       retary of Agriculture, in coordination with the Secretary  
24       of the Interior, shall—



1953

1           (1) develop a ranking system that categorizes  
2 units of Federal land, including Indian forest land  
3 or rangeland, with regard to treating areas at risk  
4 of unnaturally severe wildfire or insect or disease in-  
5 festation, as being—

6           (A) very low priority for ecological restora-  
7 tion involving vegetation removal;

8           (B) low priority for ecological restoration  
9 involving vegetation removal;

10          (C) medium priority for ecological restora-  
11 tion involving vegetation removal;

12          (D) high priority for ecological restoration  
13 involving vegetation removal; or

14          (E) very high priority for ecological res-  
15 toration involving vegetation removal;

16          (2) determine, for a unit identified under para-  
17 graph (1) as being high or very high priority for eco-  
18 logical restoration involving vegetation removal, if—

19           (A) a sawmill or other wood-processing fa-  
20 cility exists in close proximity to, or a forest  
21 worker is seeking to conduct restoration treat-  
22 ment work on or in close proximity to, the unit;  
23 and

24           (B) the presence of a sawmill or other  
25 wood-processing facility would substantially de-

1954

1           crease or does substantially decrease the cost of  
2           conducting ecological restoration projects in-  
3           volving vegetation removal;

4           (3) in accordance with any conditions the Sec-  
5           retary of Agriculture determines to be necessary,  
6           using the amounts made available under subsection  
7           (b)(3), provide financial assistance, including a low-  
8           interest loan or a loan guarantee, to an entity seek-  
9           ing to establish, reopen, retrofit, expand, or improve  
10          a sawmill or other wood-processing facility in close  
11          proximity to a unit of Federal land that has been  
12          identified under paragraph (1) as high or very high  
13          priority for ecological restoration, if the presence of  
14          a sawmill or other wood-processing facility would  
15          substantially decrease or does substantially decrease  
16          the cost of conducting ecological restoration projects  
17          involving vegetation removal on the unit of Federal  
18          land, including Indian forest land or rangeland, as  
19          determined under paragraph (2)(B); and

20          (4) to the extent practicable, when allocating  
21          funding to units of Federal land for ecological res-  
22          toration projects involving vegetation removal, give  
23          priority to a unit of Federal land that—

24                  (A) has been identified under paragraph  
25          (1) as being high or very high priority for eco-

1955

1 logical restoration involving vegetation removal;  
2 and

3 (B) has a sawmill or other wood-processing  
4 facility—

5 (i) that, as determined under para-  
6 graph (2)—

7 (I) exists in close proximity to  
8 the unit; and

9 (II) does substantially decrease  
10 the cost of conducting ecological res-  
11 toration projects involving vegetation  
12 removal on the unit; or

13 (ii) that has received financial assist-  
14 ance under paragraph (3).

15 (e) RECREATION SITES.—

16 (1) SITE RESTORATION AND IMPROVEMENTS.—

17 Of the amounts made available under subsection  
18 (b)(7), \$45,000,000 shall be made available to the  
19 Secretary of the Interior and \$35,000,000 shall be  
20 made available the Secretary of Agriculture to re-  
21 store, prepare, or adapt recreation sites on Federal  
22 land, including Indian forest land or rangeland, that  
23 have experienced or may likely experience visitation  
24 and use beyond the carrying capacity of the sites.

25 (2) PUBLIC USE RECREATION CABINS.—

1956

1 (A) IN GENERAL.—Of the amounts made  
2 available under subsection (b)(7), \$20,000,000  
3 shall be made available to the Secretary of Ag-  
4 riculture for—

5 (i) the operation, repair, reconstruc-  
6 tion, and construction of public use recre-  
7 ation cabins on National Forest System  
8 land; and

9 (ii) to the extent necessary, the repair  
10 or reconstruction of historic buildings that  
11 are to be outleased under section 306121  
12 of title 54, United States Code.

13 (B) INCLUSION.—Of the amount described  
14 in subparagraph (A), \$5,000,000 shall be made  
15 available to the Secretary of Agriculture for as-  
16 sociated salaries and expenses in carrying out  
17 that subparagraph.

18 (C) AGREEMENTS.—The Secretary of Ag-  
19 riculture may enter into a lease or cooperative  
20 agreement with a State, Indian Tribe, local gov-  
21 ernment, or private entity—

22 (i) to carry out the activities described  
23 in subparagraph (A); or

1957

1 (ii) to manage the renting of a cabin  
2 or building described in subparagraph (A)  
3 to the public.

4 (3) EXCLUSION.—A project shall not be eligible  
5 for funding under this subsection if—

6 (A) funding for the project would be used  
7 for deferred maintenance, as defined by Federal  
8 Accounting Standards Advisory Board; and

9 (B) the Secretary of the Interior or the  
10 Secretary of Agriculture has identified the  
11 project for funding from the National Parks  
12 and Public Land Legacy Restoration Fund es-  
13 tablished by section 200402(a) of title 54,  
14 United States Code.

15 (f) COLLABORATIVE-BASED, AQUATIC-FOCUSED,  
16 LANDSCAPE-SCALE RESTORATION PROGRAM.—Subject to  
17 the availability of appropriations, not later than 180 days  
18 after the date of enactment of this Act, the Secretary of  
19 Agriculture shall, in coordination with the Secretary of the  
20 Interior and using the amounts made available under sub-  
21 section (b)(10)—

22 (1) solicit collaboratively developed proposals  
23 that—

24 (A) are for 5-year projects to restore fish  
25 passage or water quality on Federal land and

1958

1 non-Federal land to the extent allowed under  
2 section 323(a) of the Department of the Inte-  
3 rior and Related Agencies Appropriations Act,  
4 1999 (16 U.S.C. 1011a(a)), including Indian  
5 forest land or rangeland;

6 (B) contain proposed accomplishments and  
7 proposed non-Federal funding; and

8 (C) request not more than \$5,000,000 in  
9 funding made available under subsection  
10 (b)(10);

11 (2) select project proposals for funding in a  
12 manner that—

13 (A) gives priority to a project proposal that  
14 would result in the most miles of streams being  
15 restored for the lowest amount of Federal fund-  
16 ing; and

17 (B) discontinues funding for a project that  
18 fails to achieve the results included in a pro-  
19 posal submitted under paragraph (1) for more  
20 than 2 consecutive years; and

21 (3) publish a list of—

22 (A) all of the priority watersheds on Na-  
23 tional Forest System land;

24 (B) the condition of each priority water-  
25 shed on the date of enactment of this Act; and

1959

1 (C) the condition of each priority water-  
2 shed on the date that is 5 years after the date  
3 of enactment of this Act.

4 **SEC. 30805. GAO STUDY.**

5 (a) STUDY.—Not later than 6 years after the date  
6 of enactment of this Act, the Comptroller General of the  
7 United States shall—

8 (1) conduct a study on the implementation of  
9 this title and the amendments made by this title, in-  
10 cluding whether this title and the amendments made  
11 by this title have—

12 (A) effectively reduced wildfire risk, includ-  
13 ing the extent to which the wildfire hazard on  
14 Federal land has changed; and

15 (B) restored ecosystems on Federal and  
16 non-Federal land; and

17 (2) submit to Congress a report that describes  
18 the results of the study under paragraph (1).

19 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
20 authorized to be appropriated to the Comptroller General  
21 of the Unites States for the activities described in sub-  
22 section (a) \$800,000.

1960

1 **SEC. 30806. ESTABLISHMENT OF FUEL BREAKS IN FORESTS**  
2 **AND OTHER WILDLAND VEGETATION.**

3 (a) DEFINITION OF SECRETARY CONCERNED.—In  
4 this section, the term “Secretary concerned” means—

5 (1) the Secretary of Agriculture, with respect to  
6 National Forest System land; and

7 (2) the Secretary of the Interior, with respect  
8 to public lands (as defined in section 103 of the  
9 Federal Land Policy and Management Act of 1976  
10 (43 U.S.C. 1702)) administered by the Bureau of  
11 Land Management.

12 (b) CATEGORICAL EXCLUSION ESTABLISHED.—For  
13 est management activities described in subsection (c) are  
14 a category of actions designated as being categorically ex-  
15 cluded from the preparation of an environmental assess-  
16 ment or an environmental impact statement under the Na-  
17 tional Environmental Policy Act of 1969 (42 U.S.C. 4321  
18 et seq.) if the categorical exclusion is documented through  
19 a supporting record and decision memorandum.

20 (c) FOREST MANAGEMENT ACTIVITIES DESIGNATED  
21 FOR CATEGORICAL EXCLUSION.—

22 (1) IN GENERAL.—The category of forest man-  
23 agement activities designated under subsection (b)  
24 for a categorical exclusion are forest management  
25 activities described in paragraph (2) that are carried  
26 out by the Secretary concerned on public lands (as



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1 defined in section 103 of the Federal Land Policy  
2 and Management Act of 1976 (43 U.S.C. 1702)) ad-  
3 ministered by the Bureau of Land Management or  
4 National Forest System land the primary purpose of  
5 which is to establish and maintain linear fuel breaks  
6 that are—

7 (A) up to 1,000 feet in width contiguous  
8 with or incorporating existing linear features,  
9 such as roads, water infrastructure, trans-  
10 mission and distribution lines, and pipelines of  
11 any length on Federal land; and

12 (B) intended to reduce the risk of  
13 uncharacteristic wildfire on Federal land or cat-  
14 astrophic wildfire for an adjacent at-risk com-  
15 munity.

16 (2) ACTIVITIES.—Subject to paragraph (3), the  
17 forest management activities that may be carried out  
18 pursuant to the categorical exclusion established  
19 under subsection (b) are—

20 (A) mowing or masticating;

21 (B) thinning by manual and mechanical  
22 cutting;

23 (C) piling, yarding, and removal of slash or  
24 hazardous fuels;

1962

1 (D) selling of vegetation products, includ-  
2 ing timber, firewood, biomass, slash, and fence-  
3 posts;

4 (E) targeted grazing;

5 (F) application of—

6 (i) pesticide;

7 (ii) biopesticide; or

8 (iii) herbicide;

9 (G) seeding of native species;

10 (H) controlled burns and broadcast burn-  
11 ing; and

12 (I) burning of piles, including jackpot  
13 piles.

14 (3) EXCLUDED ACTIVITIES.—A forest manage-  
15 ment activity described in paragraph (2) may not be  
16 carried out pursuant to the categorical exclusion es-  
17 tablished under subsection (b) if the activity is con-  
18 ducted—

19 (A) in a component of the National Wilder-  
20 ness Preservation System;

21 (B) on Federal land on which the removal  
22 of vegetation is prohibited or restricted by Act  
23 of Congress, Presidential proclamation (includ-  
24 ing the applicable implementation plan), or reg-  
25 ulation;

1963

1 (C) in a wilderness study area; or

2 (D) in an area in which carrying out the  
3 activity would be inconsistent with the applica-  
4 ble land management plan or resource manage-  
5 ment plan.

6 (4) EXTRAORDINARY CIRCUMSTANCES.—The  
7 Secretary concerned shall apply the extraordinary  
8 circumstances procedures under section 220.6 of  
9 title 36, Code of Federal Regulations (or a successor  
10 regulation), in determining whether to use a categor-  
11 ical exclusion under subsection (b).

12 (d) ACREAGE AND LOCATION LIMITATIONS.—Treat-  
13 ments of vegetation in linear fuel breaks covered by the  
14 categorical exclusion established under subsection (b)—

15 (1) may not contain treatment units in excess  
16 of 3,000 acres;

17 (2) shall be located primarily in—

18 (A) the wildland-urban interface or a pub-  
19 lic drinking water source area;

20 (B) if located outside the wildland-urban  
21 interface or a public drinking water source  
22 area, an area within Condition Class 2 or 3 in  
23 Fire Regime Group I, II, or III that contains  
24 very high wildfire hazard potential; or

1964

1 (C) an insect or disease area designated by  
2 the Secretary concerned as of the date of enact-  
3 ment of this Act; and

4 (3) shall consider the best available scientific  
5 information.

6 (e) ROADS.—

7 (1) PERMANENT ROADS.—A project under this  
8 section shall not include the establishment of perma-  
9 nent roads.

10 (2) EXISTING ROADS.—The Secretary con-  
11 cerned may carry out necessary maintenance and re-  
12 pairs on existing permanent roads for the purposes  
13 of this section.

14 (3) TEMPORARY ROADS.—The Secretary con-  
15 cerned shall decommission any temporary road con-  
16 structed under a project under this section not later  
17 than 3 years after the date on which the project is  
18 completed.

19 (f) PUBLIC COLLABORATION.—To encourage mean-  
20 ingful public participation during the preparation of a  
21 project under this section, the Secretary concerned shall  
22 facilitate, during the preparation of each project—

23 (1) collaboration among State and local govern-  
24 ments and Indian Tribes; and

25 (2) participation of interested persons.

1965

1 **SEC. 30807. EMERGENCY ACTIONS.**

2 (a) DEFINITIONS.—In this section:

3 (1) AUTHORIZED EMERGENCY ACTION.—The  
4 term “authorized emergency action” means an ac-  
5 tion carried out pursuant to an emergency situation  
6 determination to mitigate the harm to life, property,  
7 or important natural or cultural resources on Na-  
8 tional Forest System land or adjacent land.

9 (2) EMERGENCY SITUATION.—The term “emer-  
10 gency situation” means a situation on National For-  
11 est System land for which immediate implementation  
12 of 1 or more authorized emergency actions is nec-  
13 essary to achieve 1 or more of the following results:

14 (A) Relief from hazards threatening  
15 human health and safety.

16 (B) Mitigation of threats to natural re-  
17 sources on National Forest System land or ad-  
18 jacent land.

19 (3) EMERGENCY SITUATION DETERMINATION.—  
20 The term “emergency situation determination”  
21 means a determination made by the Secretary under  
22 subsection (b)(1)(A).

23 (4) LAND AND RESOURCE MANAGEMENT  
24 PLAN.—The term “land and resource management  
25 plan” means a plan developed under section 6 of the

1966

1 Forest and Rangeland Renewable Resources Plan-  
2 ning Act of 1974 (16 U.S.C. 1604).

3 (5) NATIONAL FOREST SYSTEM LAND.—The  
4 term “National Forest System land” means land of  
5 the National Forest System (as defined in section  
6 11(a) of the Forest and Rangeland Renewable Re-  
7 sources Planning Act of 1974 (16 U.S.C 1609(a))).

8 (6) SECRETARY.—The term “Secretary” means  
9 the Secretary of Agriculture.

10 (b) AUTHORIZED EMERGENCY ACTIONS TO RESPOND  
11 TO EMERGENCY SITUATIONS.—

12 (1) DETERMINATION.—

13 (A) IN GENERAL.—The Secretary may  
14 make a determination that an emergency situa-  
15 tion exists with respect to National Forest Sys-  
16 tem land.

17 (B) REVIEW.—An emergency situation de-  
18 termination shall not be subject to objection  
19 under the predecisional administrative review  
20 processes under part 218 of title 36, Code of  
21 Federal Regulations (or successor regulations).

22 (C) APPLICABILITY.—An emergency situa-  
23 tion determination shall not be subject to the  
24 National Environmental Policy Act of 1969 (42

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1 U.S.C. 4321 et seq.) or any other applicable  
2 law.

3 (2) AUTHORIZED EMERGENCY ACTIONS.—After  
4 making an emergency situation determination with  
5 respect to National Forest System land, the Sec-  
6 retary may carry out authorized emergency actions  
7 on that National Forest System land, including  
8 through—

9 (A) the salvage of dead or dying trees;

10 (B) the harvest of trees damaged by wind  
11 or ice;

12 (C) the commercial and noncommercial  
13 sanitation harvest of trees to control insects or  
14 disease, including trees already infested with in-  
15 sects or disease;

16 (D) the reforestation or replanting of fire-  
17 impacted areas through planting, control of  
18 competing vegetation, or other activities that  
19 enhance natural regeneration and restore forest  
20 species;

21 (E) the removal of hazardous trees in close  
22 proximity to roads and trails;

23 (F) the removal of hazardous fuels;

24 (G) the restoration of water sources or in-  
25 frastructure;

1968

1 (H) the reconstruction of existing utility  
2 lines; and

3 (I) the replacement of underground cables.

4 (3) RELATION TO LAND AND RESOURCE MAN-  
5 AGEMENT PLANS.—To the maximum extent prac-  
6 ticable, any authorized emergency action carried out  
7 under paragraph (2) shall be conducted consistent  
8 with the land and resource management plan.

9 (4) ACREAGE LIMITATIONS.—A treatment area  
10 covered by an emergency situation determination on  
11 which an authorized emergency action is carried out  
12 pursuant to paragraph (2) shall consist of not more  
13 than 10,000 acres of National Forest System land.

14 (c) ENVIRONMENTAL ANALYSIS.—

15 (1) ENVIRONMENTAL ASSESSMENT OR ENVI-  
16 RONMENTAL IMPACT STATEMENT.—If the Secretary  
17 determines that an authorized emergency action re-  
18 quires an environmental assessment or an environ-  
19 mental impact statement pursuant to section 102(2)  
20 of the National Environmental Policy Act of 1969  
21 (42 U.S.C. 4332(2)), the Secretary shall study, de-  
22 velop, and describe only—

23 (A) the proposed agency action; and

24 (B) the alternative of no action.



1969

1           (2) PUBLIC NOTICE.—The Secretary shall pro-  
2           vide notice of each authorized emergency action that  
3           the Secretary determines requires an environmental  
4           assessment or environmental impact statement  
5           under paragraph (1), in accordance with applicable  
6           regulations and administrative guidelines.

7           (3) PUBLIC COMMENT.—The Secretary shall  
8           provide an opportunity for public comment during  
9           the preparation of any environmental assessment or  
10          environmental impact statement under paragraph  
11          (1).

12          (4) SAVINGS CLAUSE.—Nothing in this sub-  
13          section prohibits the Secretary from making an  
14          emergency situation determination, including a de-  
15          termination that an emergency exists pursuant to  
16          section 218.21(a) or 220.4(b) of title 36, Code of  
17          Federal Regulations (or successor regulations), that  
18          makes it necessary to take an emergency action be-  
19          fore preparing an environmental assessment or envi-  
20          ronmental impact statement under the National En-  
21          vironmental Policy Act of 1969 (42 U.S.C. 4321 et  
22          seq.).

23          (d) ADMINISTRATIVE REVIEW OF AUTHORIZED  
24          EMERGENCY ACTIONS.—An authorized emergency action  
25          carried out under this section shall not be subject to objec-

1970

1 tion under the predecisional administrative review pro-  
2 cesses established under section 105 of the Healthy Forests  
3 Restoration Act of 2003 (16 U.S.C. 6515) and section 428  
4 of the Department of the Interior, Environment, and Re-  
5 lated Agencies Appropriations Act, 2012 (16 U.S.C. 6515  
6 note; Public Law 112–74).

7 (e) JUDICIAL REVIEW OF EMERGENCY ACTIONS.—

8 (1) IN GENERAL.—Section 106 of the Healthy  
9 Forests Restoration Act of 2003 (16 U.S.C. 6516)  
10 shall apply to an authorized emergency action car-  
11 ried out under this section.

12 (2) REQUIREMENT FOR INJUNCTION.—A court  
13 shall not enjoin an authorized emergency action  
14 under this section if the court determines that the  
15 plaintiff is unable to demonstrate that the claim of  
16 the plaintiff is likely to succeed on the merits.

17 (f) NOTIFICATION AND GUIDANCE.—The Secretary  
18 shall provide notification and guidance to each local field  
19 office of the Forest Service to ensure awareness of, compli-  
20 ance with, and appropriate use of the authorized emer-  
21 gency action authority under this section.

1971

1       **TITLE IX—WESTERN WATER**  
2                   **INFRASTRUCTURE**

3   **SEC. 30901. AUTHORIZATIONS OF APPROPRIATIONS.**

4       There are authorized to be appropriated to the Sec-  
5 retary of the Interior, acting through the Commissioner  
6 of Reclamation (referred to in this title as the “Sec-  
7 retary”), for the period of fiscal years 2022 through  
8 2026—

9           (1) \$1,150,000,000 for water storage, ground-  
10 water storage, and conveyance projects in accord-  
11 ance with section 30902, of which \$100,000,000  
12 shall be made available to provide grants to plan and  
13 construct small surface water and groundwater stor-  
14 age projects in accordance with section 30903;

15           (2) \$3,200,000,000 for the Aging Infrastruc-  
16 ture Account established by subsection (d)(1) of sec-  
17 tion 9603 of the Omnibus Public Land Management  
18 Act of 2009 (43 U.S.C. 510b), to be made available  
19 for activities in accordance with that subsection, in-  
20 cluding major rehabilitation and replacement activi-  
21 ties, as identified in the Asset Management Report  
22 of the Bureau of Reclamation dated April 2021, of  
23 which—

24           (A) \$100,000,000 shall be made available  
25 for Bureau of Reclamation reserved or trans-



1973

1 tion Wastewater and Groundwater Study  
2 and Facilities Act (43 U.S.C. 390h(f)),  
3 with funding under this subparagraph to  
4 be provided in accordance with that sec-  
5 tion, notwithstanding section 4013 of the  
6 Water Infrastructure Improvements for the  
7 Nation Act (43 U.S.C. 390b note; Public  
8 Law 114–322), except that section  
9 1602(g)(2) of the Reclamation Wastewater  
10 and Groundwater Study and Facilities Act  
11 (43 U.S.C. 390h(g)(2)) shall not apply to  
12 amounts made available under this sub-  
13 paragraph; and

14 (B) \$450,000,000 shall be made available  
15 for large-scale water recycling and reuse  
16 projects in accordance with section 30905;

17 (5) \$250,000,000 for water desalination  
18 projects and studies authorized in accordance with  
19 the Water Desalination Act of 1996 (42 U.S.C.  
20 10301 note; Public Law 104–298) that are—

21 (A) authorized or approved for construc-  
22 tion funding by an Act of Congress before July  
23 1, 2021; or

24 (B) selected for funding under the pro-  
25 gram authorized pursuant to section 4(a) of the

1974

1 Water Desalination Act of 1996 (42 U.S.C.  
2 10301 note; Public Law 104–298), with fund-  
3 ing to be made available under this paragraph  
4 in accordance with that subsection, notwith-  
5 standing section 4013 of the Water Infrastruc-  
6 ture Improvements for the Nation Act (43  
7 U.S.C. 390b note; Public Law 114–322), except  
8 that paragraph (2)(F) of section 4(a) of the  
9 Water Desalination Act of 1996 (42 U.S.C.  
10 10301 note; Public Law 104–298) (as redesign-  
11 nated by section 30908) shall not apply to  
12 amounts made available under this paragraph;  
13 (6) \$500,000,000 for the safety of dams pro-  
14 gram, in accordance with the Reclamation Safety of  
15 Dams Act of 1978 (43 U.S.C. 506 et seq.);  
16 (7) \$400,000,000 for WaterSMART grants in  
17 accordance with section 9504 of the Omnibus Public  
18 Land Management Act of 2009 (42 U.S.C. 10364),  
19 of which \$100,000,000 shall be made available for  
20 projects that would improve the condition of a nat-  
21 ural feature or nature-based feature (as those terms  
22 are defined in section 9502 of the Omnibus Public  
23 Land Management Act of 2009 (42 U.S.C. 10362));  
24 (8) subject to section 30906, \$300,000,000 for  
25 implementing the Colorado River Basin Drought

1975

1 Contingency Plan, consistent with the obligations of  
2 the Secretary under the Colorado River Drought  
3 Contingency Plan Authorization Act (Public Law  
4 116–14; 133 Stat. 850) and related agreements, of  
5 which \$50,000,000 shall be made available for use  
6 in accordance with the Drought Contingency Plan  
7 for the Upper Colorado River Basin;

8 (9) \$100,000,000 to provide financial assistance  
9 for watershed management projects in accordance  
10 with subtitle A of title VI of the Omnibus Public  
11 Land Management Act of 2009 (16 U.S.C. 1015 et  
12 seq.);

13 (10) \$250,000,000 for design, study, and con-  
14 struction of aquatic ecosystem restoration and pro-  
15 tection projects in accordance with section 1109 of  
16 division FF of the Consolidated Appropriations Act,  
17 2021 (Public Law 116–260);

18 (11) \$100,000,000 for multi-benefit projects to  
19 improve watershed health in accordance with section  
20 30907; and

21 (12) \$50,000,000 for endangered species recov-  
22 ery and conservation programs in the Colorado River  
23 Basin in accordance with—

24 (A) Public Law 106–392 (114 Stat. 1602);

1976

1 (B) the Grand Canyon Protection Act of  
2 1992 (Public Law 102–575; 106 Stat. 4669);  
3 and

4 (C) subtitle E of title IX of the Omnibus  
5 Public Land Management Act of 2009 (Public  
6 Law 111–11; 123 Stat. 1327).

7 **SEC. 30902. WATER STORAGE, GROUNDWATER STORAGE,**  
8 **AND CONVEYANCE PROJECTS.**

9 (a) **ELIGIBILITY FOR FUNDING.—**

10 (1) **FEASIBILITY STUDIES.—**

11 (A) **IN GENERAL.—**A feasibility study shall  
12 only be eligible for funding under section  
13 30901(1) if—

14 (i) the feasibility study has been au-  
15 thorized by an Act of Congress before the  
16 date of enactment of this Act;

17 (ii) Congress has approved funding  
18 for the feasibility study in accordance with  
19 section 4007 of the Water Infrastructure  
20 Improvements for the Nation Act (43  
21 U.S.C. 390b note; Public Law 114–322)  
22 before the date of enactment of this Act;  
23 or

24 (iii) the feasibility study is authorized  
25 under subparagraph (B).



1977

1 (B) FEASIBILITY STUDY AUTHORIZA-  
2 TIONS.—The Secretary may carry out feasibility  
3 studies for the following projects:

4 (i) The Verde Reservoirs Sediment  
5 Mitigation Project in the State of Arizona.

6 (ii) The Tualatin River Basin Project  
7 in the State of Oregon.

8 (2) CONSTRUCTION.—A project shall only be el-  
9 igible for construction funding under section  
10 30901(1) if—

11 (A) an Act of Congress enacted before the  
12 date of enactment of this Act authorizes con-  
13 struction of the project;

14 (B) Congress has approved funding for  
15 construction of the project in accordance with  
16 section 4007 of the Water Infrastructure Im-  
17 provements for the Nation Act (43 U.S.C. 390b  
18 note; Public Law 114–322) before the date of  
19 enactment of this Act, except for any project  
20 for which—

21 (i) Congress did not approve the rec-  
22 ommendation of the Secretary for funding  
23 under subsection (h)(2) of that section for  
24 at least 1 fiscal year before the date of en-  
25 actment of this Act; or

1978

1 (ii) State funding for the project was  
2 rescinded by the State before the date of  
3 enactment of this Act; or

4 (C)(i) Congress has authorized or approved  
5 funding for a feasibility study for the project in  
6 accordance with clause (i) or (ii) of paragraph  
7 (1)(A) (except that projects described in clauses  
8 (i) and (ii) of subparagraph (B) shall not be eli-  
9 gible); and

10 (ii) on completion of the feasibility study  
11 for the project, the Secretary—

12 (I) finds the project to be technically  
13 and financially feasible in accordance with  
14 the reclamation laws;

15 (II) determines that sufficient non-  
16 Federal funding is available for the non-  
17 Federal cost share of the project; and

18 (III)(aa) finds the project to be in the  
19 public interest; and

20 (bb) recommends the project for con-  
21 struction.

22 (b) COST-SHARING REQUIREMENT.—

23 (1) IN GENERAL.—The Federal share—

1979

1 (A) for a project authorized by an Act of  
2 Congress shall be determined in accordance  
3 with that Act;

4 (B) for a project approved by Congress in  
5 accordance with section 4007 of the Water In-  
6 frastructure Improvements for the Nation Act  
7 (43 U.S.C. 390b note; Public Law 114–322)  
8 (including construction resulting from a feasi-  
9 bility study authorized under that Act) shall be  
10 as provided in that Act; and

11 (C) for a project not described in subpara-  
12 graph (A) or (B)—

13 (i) in the case of a federally owned  
14 project, shall not exceed 50 percent of the  
15 total cost of the project; and

16 (ii) in the case of a non-Federal  
17 project, shall not exceed 25 percent of the  
18 total cost of the project.

19 (2) FEDERAL BENEFITS.—Before funding a  
20 project under this section, the Secretary shall deter-  
21 mine that, in return for the Federal investment in  
22 the project, at least a proportionate share of the  
23 benefits are Federal benefits.

1980

1           (3) REIMBURSABILITY.—The reimbursability of  
2           Federal funding of projects under this section shall  
3           be in accordance with the reclamation laws.

4           (c) ENVIRONMENTAL LAWS.—In providing funding  
5           for a project under this section, the Secretary shall comply  
6           with all applicable environmental laws, including the Na-  
7           tional Environmental Policy Act of 1969 (42 U.S.C. 4321  
8           et seq.).

9           **SEC. 30903. SMALL WATER STORAGE AND GROUNDWATER**  
10           **STORAGE PROJECTS.**

11           (a) ESTABLISHMENT OF A COMPETITIVE GRANT  
12           PROGRAM FOR SMALL WATER STORAGE AND GROUND-  
13           WATER STORAGE PROJECTS.—The Secretary shall estab-  
14           lish a competitive grant program, under which the non-  
15           Federal project sponsor of any project in a Reclamation  
16           State, including the State of Alaska or Hawaii, determined  
17           by the Secretary to be feasible under subsection (b)(2)(B)  
18           shall be eligible to apply for funding for the planning, de-  
19           sign, and construction of the project.

20           (b) ELIGIBILITY AND SELECTION.—

21           (1) SUBMISSION TO THE SECRETARY.—

22           (A) IN GENERAL.—A non-Federal project  
23           sponsor described in subsection (a) may submit  
24           to the Secretary a proposal for a project eligible

1981

1 to receive a grant under this section in the form  
2 of a completed feasibility study.

3 (B) ELIGIBLE PROJECTS.—A project shall  
4 be considered eligible for consideration for a  
5 grant under this section if the project—

6 (i) has water storage capacity of not  
7 less than 2,000 acre-feet and not more  
8 than 30,000 acre-feet; and

9 (ii)(I) increases surface water or  
10 groundwater storage; or

11 (II) conveys water, directly or indi-  
12 rectly, to or from surface water or ground-  
13 water storage.

14 (C) GUIDELINES.—Not later than 60 days  
15 after the date of enactment of this Act, the Sec-  
16 retary shall issue guidelines for feasibility stud-  
17 ies for small storage projects to provide suffi-  
18 cient information for the formulation of the  
19 studies.

20 (2) REVIEW BY THE SECRETARY.—The Sec-  
21 retary shall review each feasibility study received  
22 under paragraph (1)(A) for the purpose of deter-  
23 mining whether—

24 (A) the feasibility study, and the process  
25 under which the study was developed, each

1982

1 comply with Federal laws (including regula-  
2 tions) applicable to feasibility studies of small  
3 storage projects;

4 (B) the project is technically and finan-  
5 cially feasible, in accordance with—

6 (i) the guidelines developed under  
7 paragraph (1)(C); and

8 (ii) the reclamation laws; and

9 (C) the project provides a Federal benefit,  
10 as determined by the Secretary.

11 (3) SUBMISSION TO CONGRESS.—Not later than  
12 180 days after the date of receipt of a feasibility  
13 study received under paragraph (1)(A), the Sec-  
14 retary shall submit to the Committee on Energy and  
15 Natural Resources of the Senate and the Committee  
16 on Natural Resources of the House of Representa-  
17 tives a report that describes—

18 (A) the results of the review of the study  
19 by the Secretary under paragraph (2), including  
20 a determination of whether the project is fea-  
21 sible and provides a Federal benefit;

22 (B) any recommendations that the Sec-  
23 retary may have concerning the plan or design  
24 of the project; and

1983

1 (C) any conditions the Secretary may re-  
2 quire for construction of the project.

3 (4) ELIGIBILITY FOR FUNDING.—

4 (A) IN GENERAL.—The non-Federal  
5 project sponsor of any project determined by  
6 the Secretary to be feasible under paragraph  
7 (3)(A) shall be eligible to apply to the Secretary  
8 for a grant to cover the Federal share of the  
9 costs of planning, designing, and constructing  
10 the project pursuant to subsection (c).

11 (B) REQUIRED DETERMINATION.—Prior to  
12 awarding grants to a small storage project, the  
13 Secretary shall determine whether there is suffi-  
14 cient non-Federal funding available to complete  
15 the project.

16 (5) PRIORITY.—In awarding grants to projects  
17 under this section, the Secretary shall give priority  
18 to projects that meet 1 or more of the following cri-  
19 teria:

20 (A) Projects that are likely to provide a  
21 more reliable water supply for States, Indian  
22 Tribes, and local governments, including sub-  
23 divisions of those entities.

24 (B) Projects that are likely to increase  
25 water management flexibility and reduce im-

1984

1           pacts on environmental resources from projects  
2           operated by Federal and State agencies.

3           (C) Projects that are regional in nature.

4           (D) Projects with multiple stakeholders.

5           (E) Projects that provide multiple benefits,  
6           including water supply reliability, ecosystem  
7           benefits, groundwater management and en-  
8           hancements, and water quality improvements.

9           (c) CEILING ON FEDERAL SHARE.—The Federal  
10          share of the costs of each of the individual projects se-  
11          lected under this section shall not exceed the lesser of—

12           (1) 25 percent of the total project cost; or

13           (2) \$30,000,000.

14          (d) ENVIRONMENTAL LAWS.—In providing funding  
15          for a grant for a project under this section, the Secretary  
16          shall comply with all applicable environmental laws, in-  
17          cluding the National Environmental Policy Act of 1969  
18          (42 U.S.C. 4321 et seq.).

19          (e) TERMINATION OF AUTHORITY.—The authority to  
20          carry out this section terminates on the date that is 5  
21          years after the date of enactment of this Act.

22          **SEC. 30904. CRITICAL MAINTENANCE AND REPAIR.**

23          (a) CRITICAL FAILURE AT A RESERVED OR TRANS-  
24          FERRED WORK.—



1985

1 (1) IN GENERAL.—A reserved or transferred  
2 work shall only be eligible for funding under section  
3 30901(2)(A) if—

4 (A) construction of the reserved or trans-  
5 ferred work began on or before January 1,  
6 1915; and

7 (B) a unit of the reserved or transferred  
8 work suffered a critical failure in Bureau of  
9 Reclamation infrastructure during the 2-year  
10 period ending on the date of enactment of this  
11 Act that resulted in the failure to deliver water  
12 to project beneficiaries.

13 (2) USE OF FUNDS.—Rehabilitation, repair,  
14 and replacement activities for a transferred or re-  
15 served work using amounts made available under  
16 section 30901(2)(A) may be used for the entire  
17 transferred or reserved work, regardless of whether  
18 the critical failure was limited to a single project of  
19 the overall work.

20 (3) NONREIMBURSABLE FUNDS.—Notwith-  
21 standing section 9603(b) of the Omnibus Public  
22 Land Management Act of 2009 (43 U.S.C.  
23 510b(b)), amounts made available to a reserved or  
24 transferred work under section 30901(2)(A) shall be  
25 nonreimbursable to the United States.

1986

1 (b) CAREY ACT PROJECTS.—The Secretary shall use  
2 amounts made available under section 30901(2)(B) to  
3 fund the rehabilitation, reconstruction, or replacement of  
4 a dam—

5 (1) the construction of which began on or after  
6 January 1, 1905;

7 (2) that was developed pursuant to section 4 of  
8 the Act of August 18, 1894 (commonly known as  
9 the “Carey Act”) (43 U.S.C. 641; 28 Stat. 422,  
10 chapter 301);

11 (3) that the Governor of the State in which the  
12 dam is located has—

13 (A) determined the dam has reached its  
14 useful life;

15 (B) determined the dam poses significant  
16 health and safety concerns; and

17 (C) requested Federal support; and

18 (4) for which the estimated rehabilitation, re-  
19 construction, or replacement, engineering, and per-  
20 mitting costs would exceed \$50,000,000.

21 **SEC. 30905. COMPETITIVE GRANT PROGRAM FOR LARGE-**  
22 **SCALE WATER RECYCLING AND REUSE PRO-**  
23 **GRAM.**

24 (a) DEFINITIONS.—In this section:

1987

1 (1) ELIGIBLE ENTITY.—The term “eligible enti-  
2 ty” means—

3 (A) a State, Indian Tribe, municipality, ir-  
4 rigation district, water district, wastewater dis-  
5 trict, or other organization with water or power  
6 delivery authority;

7 (B) a State, regional, or local authority,  
8 the members of which include 1 or more organi-  
9 zations with water or power delivery authority;  
10 or

11 (C) an agency established under State law  
12 for the joint exercise of powers or a combina-  
13 tion of entities described in subparagraphs (A)  
14 and (B).

15 (2) ELIGIBLE PROJECT.—The term “eligible  
16 project” means a project described in subsection (c).

17 (3) PROGRAM.—The term “program” means  
18 the grant program established under subsection (b).

19 (4) RECLAMATION STATE.—The term “Rec-  
20 lamation State” means a State or territory described  
21 in the first section of the Act of June 17, 1902 (43  
22 U.S.C. 391; 32 Stat. 388, chapter 1093).

23 (b) ESTABLISHMENT.—The Secretary shall establish  
24 a program to provide grants to eligible entities on a com-  
25 petitive basis for the planning, design, and construction

1988

1 of large-scale water recycling and reuse projects that pro-  
2 vide substantial water supply and other benefits to the  
3 Reclamation States in accordance with this section.

4 (c) ELIGIBLE PROJECT.—A project shall be eligible  
5 for a grant under this section if the project—

6 (1) reclaims and reuses—

7 (A) municipal, industrial, domestic, or ag-  
8 ricultural wastewater; or

9 (B) impaired groundwater or surface  
10 water;

11 (2) has a total estimated cost of \$500,000,000  
12 or more;

13 (3) is located in a Reclamation State;

14 (4) is constructed, operated, and maintained by  
15 an eligible entity; and

16 (5) provides a Federal benefit in accordance  
17 with the reclamation laws.

18 (d) PROJECT EVALUATION.—The Secretary may pro-  
19 vide a grant to an eligible project under the program if—

20 (1) the eligible entity determines through the  
21 preparation of a feasibility study or equivalent  
22 study, and the Secretary concurs, that the eligible  
23 project—

24 (A) is technically and financially feasible;

1989

1 (B) provides a Federal benefit in accord-  
2 ance with the reclamation laws; and

3 (C) is consistent with applicable Federal  
4 and State laws;

5 (2) the eligible entity has sufficient non-Federal  
6 funding available to complete the eligible project, as  
7 determined by the Secretary;

8 (3) the eligible entity is financially solvent, as  
9 determined by the Secretary; and

10 (4) not later than 30 days after the date on  
11 which the Secretary concurs with the determinations  
12 under paragraph (1) with respect to the eligible  
13 project, the Secretary submits to Congress written  
14 notice of the determinations.

15 (e) PRIORITY.—In providing grants to eligible  
16 projects under the program, the Secretary shall give pri-  
17 ority to eligible projects that meet 1 or more of the fol-  
18 lowing criteria:

19 (1) The eligible project provides multiple bene-  
20 fits, including—

21 (A) water supply reliability benefits for  
22 drought-stricken States and communities;

23 (B) fish and wildlife benefits; and

24 (C) water quality improvements.

1990

1           (2) The eligible project is likely to reduce im-  
2           pacts on environmental resources from water  
3           projects owned or operated by Federal and State  
4           agencies, including through measurable reductions in  
5           water diversions from imperiled ecosystems.

6           (3) The eligible project would advance water  
7           management plans across a multi-State area, such  
8           as drought contingency plans in the Colorado River  
9           Basin.

10          (4) The eligible project is regional in nature.

11          (5) The eligible project is collaboratively devel-  
12          oped or supported by multiple stakeholders.

13          (f) FEDERAL ASSISTANCE.—

14           (1) FEDERAL COST SHARE.—The Federal share  
15           of the cost of any project provided a grant under the  
16           program shall not exceed 25 percent of the total cost  
17           of the eligible project.

18           (2) TOTAL DOLLAR CAP.—The Secretary shall  
19           not impose a total dollar cap on Federal contribu-  
20           tions for all eligible individual projects provided a  
21           grant under the program.

22           (3) NONREIMBURSABLE FUNDS.—Any funds  
23           provided by the Secretary to an eligible entity under  
24           the program shall be considered nonreimbursable.

1991

1           (4) FUNDING ELIGIBILITY.—An eligible project  
2 shall not be considered ineligible for assistance  
3 under the program because the eligible project has  
4 received assistance under—

5                   (A) the Reclamation Wastewater and  
6 Groundwater Study and Facilities Act (43  
7 U.S.C. 390h et seq.);

8                   (B) section 4(a) of the Water Desalination  
9 Act of 1996 (42 U.S.C. 10301 note; Public Law  
10 104–298) for eligible desalination projects; or

11                   (C) section 1602(e) of the Reclamation  
12 Wastewater and Groundwater Study and Facili-  
13 ties Act (43 U.S.C. 390h(e)).

14           (g) ENVIRONMENTAL LAWS.—In providing a grant  
15 for an eligible project under the program, the Secretary  
16 shall comply with all applicable environmental laws, in-  
17 cluding the National Environmental Policy Act of 1969  
18 (42 U.S.C. 4321 et seq.).

19           (h) GUIDANCE.—Not later than 1 year after the date  
20 of enactment of this Act, the Secretary shall issue guid-  
21 ance on the implementation of the program, including  
22 guidelines for the preparation of feasibility studies or  
23 equivalent studies by eligible entities.

24           (i) REPORTS.—

1992

1           (1) ANNUAL REPORT.—At the end of each fis-  
2 cal year, the Secretary shall make available on the  
3 website of the Department of the Interior an annual  
4 report that lists each eligible project for which a  
5 grant has been awarded under this section during  
6 the fiscal year.

7           (2) COMPTROLLER GENERAL.—

8           (A) ASSESSMENT.—The Comptroller Gen-  
9 eral of the United States shall conduct an as-  
10 sessment of the administrative establishment,  
11 solicitation, selection, and justification process  
12 with respect to the funding of grants under this  
13 section.

14           (B) REPORT.—Not later than 1 year after  
15 the date of the initial award of grants under  
16 this section, the Comptroller General shall sub-  
17 mit to the Committee on Energy and Natural  
18 Resources of the Senate and the Committee on  
19 Natural Resources of the House of Representa-  
20 tives a report that describes—

21           (i) the adequacy and effectiveness of  
22 the process by which each eligible project  
23 was selected, if applicable; and



1993

1 (ii) the justification and criteria used  
2 for the selection of each eligible project, if  
3 applicable.

4 (j) TREATMENT OF CONVEYANCE.—The Secretary  
5 shall consider the planning, design, and construction of  
6 a conveyance system for an eligible project to be eligible  
7 for grant funding under the program.

8 (k) TERMINATION OF AUTHORITY.—The authority to  
9 carry out this section terminates on the date that is 5  
10 years after the date of enactment of this Act.

11 **SEC. 30906. DROUGHT CONTINGENCY PLAN FUNDING RE-**  
12 **QUIREMENTS.**

13 (a) IN GENERAL.—Funds made available under sec-  
14 tion 30901(8) for use in the Lower Colorado River Basin  
15 may be used for projects—

16 (1) to establish or conserve recurring Colorado  
17 River water that contributes to supplies in Lake  
18 Mead and other Colorado River water reservoirs in  
19 the Lower Colorado River Basin; or

20 (2) to improve the long-term efficiency of oper-  
21 ations in the Lower Colorado River Basin.

22 (b) LIMITATION.—None of the funds made available  
23 under section 30901(8) may be used for the operation of  
24 the Yuma Desalting Plant.

1994

1 (c) EFFECT.—Nothing in section 30901(8) limits ex-  
2 isting or future opportunities to augment the water sup-  
3 plies of the Colorado River.

4 **SEC. 30907. MULTI-BENEFIT PROJECTS TO IMPROVE WA-**  
5 **TERSHEd HEALTH.**

6 (a) DEFINITION OF ELIGIBLE APPLICANT.—In this  
7 section, the term “eligible applicant” means—

8 (1) a State;

9 (2) a Tribal or local government;

10 (3) an organization with power or water deliv-  
11 ery authority;

12 (4) a regional authority; or

13 (5) a nonprofit conservation organization.

14 (b) ESTABLISHMENT OF COMPETITIVE GRANT PRO-  
15 GRAM.—Not later than 1 year after the date of enactment  
16 of this Act, the Secretary, in consultation with the heads  
17 of relevant agencies, shall establish a competitive grant  
18 program under which the Secretary shall award grants to  
19 eligible applicants for the design, implementation, and  
20 monitoring of conservation outcomes of habitat restoration  
21 projects that improve watershed health in a river basin  
22 that is adversely impacted by a Bureau of Reclamation  
23 water project by accomplishing 1 or more of the following:

24 (1) Ecosystem benefits.

25 (2) Restoration of native species.

1995

1 (3) Mitigation against the impacts of climate  
2 change to fish and wildlife habitats.

3 (4) Protection against invasive species.

4 (5) Restoration of aspects of the natural eco-  
5 system.

6 (6) Enhancement of commercial, recreational,  
7 subsistence, or Tribal ceremonial fishing.

8 (7) Enhancement of river-based recreation.

9 (c) REQUIREMENTS.—

10 (1) IN GENERAL.—In awarding a grant to an  
11 eligible applicant under subsection (b), the Sec-  
12 retary—

13 (A) shall give priority to an eligible appli-  
14 cant that would carry out a habitat restoration  
15 project that achieves more than 1 of the bene-  
16 fits described in that subsection; and

17 (B) may not provide a grant to carry out  
18 a habitat restoration project the purpose of  
19 which is to meet existing environmental mitiga-  
20 tion or compliance obligations under Federal or  
21 State law.

22 (2) COMPLIANCE.—A habitat restoration  
23 project awarded a grant under subsection (b) shall  
24 comply with all applicable Federal and State laws.

1996

1 (d) COST-SHARING REQUIREMENT.—The Federal  
2 share of the cost of any habitat restoration project that  
3 is awarded a grant under subsection (b)—

4 (1) shall not exceed 50 percent of the cost of  
5 the habitat restoration project; or

6 (2) in the case of a habitat restoration project  
7 that provides benefits to ecological or recreational  
8 values in which the nonconsumptive water conserva-  
9 tion benefit or habitat restoration benefit accounts  
10 for at least 75 percent of the cost of the habitat res-  
11 toration project, as determined by the Secretary,  
12 shall not exceed 75 percent of the cost of the habitat  
13 restoration project.

14 **SEC. 30908. ELIGIBLE DESALINATION PROJECTS.**

15 Section 4(a) of the Water Desalination Act of 1996  
16 (42 U.S.C. 10301 note; Public Law 104–298) is amended  
17 by redesignating the second paragraph (1) (relating to eli-  
18 gible desalination projects) as paragraph (2).

19 **SEC. 30909. CLARIFICATION OF AUTHORITY TO USE**  
20 **CORONAVIRUS FISCAL RECOVERY FUNDS TO**  
21 **MEET A NON-FEDERAL MATCHING REQUIRE-**  
22 **MENT FOR AUTHORIZED BUREAU OF REC-**  
23 **LAMATION WATER PROJECTS.**

24 (a) CORONAVIRUS STATE FISCAL RECOVERY  
25 FUND.—Section 602(c) of the Social Security Act (42

1997

1 U.S.C. 802(c) is amended by adding at the end the fol-  
2 lowing:

3           “(4) USE OF FUNDS TO SATISFY NON-FEDERAL  
4           MATCHING REQUIREMENTS FOR AUTHORIZED BU-  
5           REAU OF RECLAMATION WATER PROJECTS.—Funds  
6           provided under this section for an authorized Bu-  
7           reau of Reclamation project may be used for pur-  
8           poses of satisfying any non-Federal matching re-  
9           quirement required for the project.”.

10          (b) CORONAVIRUS LOCAL FISCAL RECOVERY  
11          FUND.—Section 603(c) of the Social Security Act (42  
12          U.S.C. 803(c)) is amended by adding at the end the fol-  
13          lowing:

14               “(5) USE OF FUNDS TO SATISFY NON-FEDERAL  
15               MATCHING, MAINTENANCE OF EFFORT, OR OTHER  
16               EXPENDITURE REQUIREMENT.—Funds provided  
17               under this section for an authorized Bureau of Rec-  
18               lamation project may be used for purposes of satis-  
19               fying any non-Federal matching requirement re-  
20               quired for the project.”.

21          (c) EFFECTIVE DATE.—The amendments made by  
22          this section shall take effect as if included in the enact-  
23          ment of section 9901 of the American Rescue Plan Act  
24          of 2021 (Public Law 117–2; 135 Stat. 223).

1998

1 **SEC. 30910. FEDERAL ASSISTANCE FOR GROUNDWATER RE-**  
2 **CHARGE, AQUIFER STORAGE, AND WATER**  
3 **SOURCE SUBSTITUTION PROJECTS.**

4 (a) IN GENERAL.—The Secretary, in coordination  
5 with affected Indian Tribes, States (including subdivisions  
6 and departments of a State), or a public agency organized  
7 pursuant to State law, may provide technical or financial  
8 assistance for, participate in, and enter into agreements  
9 (including agreements with irrigation entities) for—

10 (1) groundwater recharge projects;

11 (2) aquifer storage and recovery projects; and

12 (3) water source substitution for aquifer protec-  
13 tion projects.

14 (b) LIMITATION.—Nothing in this section authorizes  
15 additional technical or financial assistance for a surface  
16 water storage facility constructed after the date of enact-  
17 ment of this Act.

18 **TITLE X—AUTHORIZATION OF**  
19 **APPROPRIATIONS FOR EN-**  
20 **ERGY ACT OF 2020**

21 **SEC. 31001. ENERGY STORAGE DEMONSTRATION**  
22 **PROJECTS.**

23 (a) ENERGY STORAGE DEMONSTRATION PROJECTS;  
24 PILOT GRANT PROGRAM.—There is authorized to be ap-  
25 propriated to the Secretary to carry out activities under  
26 section 3201(c) of the Energy Act of 2020 (42 U.S.C.

1999

1 17232(c) \$355,000,000 for the period of fiscal years  
2 2022 through 2025.

3 (b) LONG-DURATION DEMONSTRATION INITIATIVE  
4 AND JOINT PROGRAM.—There is authorized to be appro-  
5 priated to the Secretary to carry out activities under sec-  
6 tion 3201(d) of the Energy Act of 2020 (42 U.S.C.  
7 17232(d)) \$150,000,000 for the period of fiscal years  
8 2022 through 2025.

9 **SEC. 31002. ADVANCED REACTOR DEMONSTRATION PRO-**  
10 **GRAM.**

11 (a) AUTHORIZATION OF APPROPRIATIONS.—There  
12 are authorized to be appropriated to the Secretary to carry  
13 out activities under section 959A of the Energy Policy Act  
14 of 2005 (42 U.S.C. 16279a) pursuant to the funding op-  
15 portunity announcement of the Department numbered  
16 DE-FOA-0002271 for Pathway 1, Advanced Reactor  
17 Demonstrations—

18 (1) \$511,000,000 for fiscal year 2022;

19 (2) \$506,000,000 for fiscal year 2023;

20 (3) \$636,000,000 for fiscal year 2024;

21 (4) \$824,000,000 for fiscal year 2025;

22 (5) \$453,000,000 for fiscal year 2026; and

23 (6) \$281,000,000 for fiscal year 2027.

24 (b) TECHNICAL CORRECTIONS.—

2000

1 (1) DEFINITION OF ADVANCED NUCLEAR REAC-  
2 TOR.—Section 951(b)(1) of the Energy Policy Act of  
3 2005 (42 U.S.C. 16271(b)(1)) is amended—

4 (A) in subparagraph (A)(xi), by striking “;  
5 and” and inserting a semicolon;

6 (B) in subparagraph (B), by striking the  
7 period at the end and inserting “; and”; and

8 (C) by adding at the end the following:

9 “(C) a radioisotope power system that uti-  
10 lizes heat from radioactive decay to generate  
11 energy.”.

12 (2) NUCLEAR ENERGY UNIVERSITY PROGRAM  
13 FUNDING.—Section 954(a)(6) of the Energy Policy  
14 Act of 2005 (42 U.S.C. 16274(a)(6)) is amended by  
15 inserting “, excluding funds appropriated for the Ad-  
16 vanced Reactor Demonstration Program of the De-  
17 partment,” after “annually”.

18 **SEC. 31003. MINERAL SECURITY PROJECTS.**

19 (a) NATIONAL GEOLOGICAL AND GEOPHYSICAL  
20 DATA PRESERVATION PROGRAM.—There are authorized  
21 to be appropriated to the Secretary of the Interior to carry  
22 out activities under section 351 of the Energy Policy Act  
23 of 2005 (42 U.S.C. 15908)—

24 (1) \$8,668,000 for fiscal year 2022; and



2001

1           (2) \$5,000,000 for each of fiscal years 2023  
2 through 2025.

3           (b) RARE EARTH MINERAL SECURITY.—There are  
4 authorized to be appropriated to the Secretary to carry  
5 out activities under section 7001(a) of the Energy Act of  
6 2020 (42 U.S.C. 13344(a))—

7           (1) \$23,000,000 for fiscal year 2022;

8           (2) \$24,200,000 for fiscal year 2023;

9           (3) \$25,400,000 for fiscal year 2024;

10          (4) \$26,600,000 for fiscal year 2025; and

11          (5) \$27,800,000 for fiscal year 2026.

12          (c) CRITICAL MATERIAL INNOVATION, EFFICIENCY,  
13 AND ALTERNATIVES.—There are authorized to be appro-  
14 priated to the Secretary to carry out activities under sec-  
15 tion 7002(g) of the Energy Act of 2020 (30 U.S.C.  
16 1606(g))—

17          (1) \$230,000,000 for fiscal year 2022;

18          (2) \$100,000,000 for fiscal year 2023; and

19          (3) \$135,000,000 for each of fiscal years 2024  
20 and 2025.

21          (d) CRITICAL MATERIAL SUPPLY CHAIN RESEARCH  
22 FACILITY.—There are authorized to be appropriated to  
23 the Secretary to carry out activities under section 7002(h)  
24 of the Energy Act of 2020 (30 U.S.C. 1606(h))—

25          (1) \$40,000,000 for fiscal year 2022; and

2002

1 (2) \$35,000,000 for fiscal year 2023.

2 **SEC. 31004. CARBON CAPTURE DEMONSTRATION AND**  
3 **PILOT PROGRAMS.**

4 (a) CARBON CAPTURE LARGE-SCALE PILOT  
5 PROJECTS.—There are authorized to be appropriated to  
6 the Secretary to carry out activities under section  
7 962(b)(2)(B) of the Energy Policy Act of 2005 (42 U.S.C.  
8 16292(b)(2)(B))—

9 (1) \$387,000,000 for fiscal year 2022;

10 (2) \$200,000,000 for fiscal year 2023;

11 (3) \$200,000,000 for fiscal year 2024; and

12 (4) \$150,000,000 for fiscal year 2025.

13 (b) CARBON CAPTURE DEMONSTRATION PROJECTS  
14 PROGRAM.—There are authorized to be appropriated to  
15 the Secretary to carry out activities under section  
16 962(b)(2)(C) of the Energy Policy Act of 2005 (42 U.S.C.  
17 16292(b)(2)(C))—

18 (1) \$937,000,000 for fiscal year 2022;

19 (2) \$500,000,000 for each of fiscal years 2023  
20 and 2024; and

21 (3) \$600,000,000 for fiscal year 2025.

22 **SEC. 31005. DIRECT AIR CAPTURE TECHNOLOGIES PRIZE**  
23 **COMPETITIONS.**

24 (a) PRECOMMERCIAL.—There is authorized to be ap-  
25 propriated to the Secretary to carry out activities under

2003

1 section 969D(e)(2)(A) of the Energy Policy Act of 2005  
2 (42 U.S.C. 16298d(e)(2)(A)) \$15,000,000 for fiscal year  
3 2022.

4 (b) COMMERCIAL.—There is authorized to be appro-  
5 priated to the Secretary to carry out activities under sec-  
6 tion 969D(e)(2)(B) of the Energy Policy Act of 2005 (42  
7 U.S.C. 16298d(e)(2)(B)) \$100,000,000 for fiscal year  
8 2022.

9 **SEC. 31006. WATER POWER PROJECTS.**

10 (a) HYDROPOWER AND MARINE ENERGY.—There  
11 are authorized to be appropriated to the Secretary—

12 (1) to carry out activities under section 634 of  
13 the Energy Independence and Security Act of 2007  
14 (42 U.S.C. 17213), \$36,000,000 for the period of  
15 fiscal years 2022 through 2025; and

16 (2) to carry out activities under section 635 of  
17 the Energy Independence and Security Act of 2007  
18 (42 U.S.C. 17214), \$70,400,000 for the period of  
19 fiscal years 2022 through 2025.

20 (b) NATIONAL MARINE ENERGY CENTERS.—There is  
21 authorized to be appropriated to the Secretary to carry  
22 out activities under section 636 of the Energy Independ-  
23 ence and Security Act of 2007 (42 U.S.C. 17215)  
24 \$40,000,000 for the period of fiscal years 2022 through  
25 2025.

2004

**1 SEC. 31007. RENEWABLE ENERGY PROJECTS.**

2 (a) GEOTHERMAL ENERGY.—There is authorized to  
3 be appropriated to the Secretary to carry out activities  
4 under section 615(d) of the Energy Independence and Se-  
5 curity Act of 2007 (42 U.S.C. 17194(d)) \$84,000,000 for  
6 the period of fiscal years 2022 through 2025.

7 (b) WIND ENERGY.—There are authorized to be ap-  
8 propriated to the Secretary—

9 (1) to carry out activities under section  
10 3003(b)(2) of the Energy Act of 2020 (42 U.S.C.  
11 16237(b)(2)), \$60,000,000 for the period of fiscal  
12 years 2022 through 2025; and

13 (2) to carry out activities under section  
14 3003(b)(4) of the Energy Act of 2020 (42 U.S.C.  
15 16237(b)(4)), \$40,000,000 for the period of fiscal  
16 years 2022 through 2025.

17 (c) SOLAR ENERGY.—There are authorized to be ap-  
18 propriated to the Secretary—

19 (1) to carry out activities under section  
20 3004(b)(2) of the Energy Act of 2020 (42 U.S.C.  
21 16238(b)(2)), \$40,000,000 for the period of fiscal  
22 years 2022 through 2025;

23 (2) to carry out activities under section  
24 3004(b)(3) of the Energy Act of 2020 (42 U.S.C.  
25 16238(b)(3)), \$20,000,000 for the period of fiscal  
26 years 2022 through 2025; and

2005

1 (3) to carry out activities under section  
2 3004(b)(4) of the Energy Act of 2020 (42 U.S.C.  
3 16238(b)(4)), \$20,000,000 for the period of fiscal  
4 years 2022 through 2025.

5 (d) CLARIFICATION.—Amounts authorized to be ap-  
6 propriated under subsection (b) are authorized to be a  
7 part of, and not in addition to, any amounts authorized  
8 to be appropriated by section 3003(b)(7) of the Energy  
9 Act of 2020 (42 U.S.C. 16237(b)(7)).

10 **SEC. 31008. INDUSTRIAL EMISSIONS DEMONSTRATION**  
11 **PROJECTS.**

12 There are authorized to be appropriated to the Sec-  
13 retary to carry out activities under section 454(d)(3) of  
14 the Energy Independence and Security Act of 2007 (42  
15 U.S.C. 17113(d)(3))—

16 (1) \$100,000,000 for each of fiscal years 2022  
17 and 2023; and

18 (2) \$150,000,000 for each of fiscal years 2024  
19 and 2025.

20 **TITLE XI—WAGE RATE**  
21 **REQUIREMENTS**

22 **SEC. 31101. WAGE RATE REQUIREMENTS.**

23 (a) DAVIS-BACON.—All laborers and mechanics em-  
24 ployed by contractors or subcontractors in the perform-  
25 ance of construction, alteration, or repair work on a

2006

1 project assisted in whole or in part by funding made avail-  
2 able under this division or an amendment made by this  
3 division shall be paid wages at rates not less than those  
4 prevailing on similar projects in the locality, as determined  
5 by the Secretary of Labor in accordance with subchapter  
6 IV of chapter 31 of title 40, United States Code (com-  
7 monly referred to as the “Davis-Bacon Act”).

8 (b) **AUTHORITY.**—With respect to the labor stand-  
9 ards specified in subsection (a), the Secretary of Labor  
10 shall have the authority and functions set forth in Reorga-  
11 nization Plan Numbered 14 of 1950 (64 Stat. 1267; 5  
12 U.S.C. App.) and section 3145 of title 40, United States  
13 Code.

## 14 **TITLE XII—MISCELLANEOUS**

### 15 **SEC. 31201. OFFICE OF CLEAN ENERGY DEMONSTRATIONS.**

16 (a) **DEFINITIONS.**—In this section:

17 (1) **COVERED PROJECT.**—The term “covered  
18 project” means a demonstration project of the De-  
19 partment that—

20 (A) receives or is eligible to receive funding  
21 from the Secretary; and

22 (B) is authorized under—

23 (i) this division; or

24 (ii) the Energy Act of 2020 (Public  
25 Law 116–260; 134 Stat. 1182).

2007

1           (2) PROGRAM.—The term “program” means  
2           the program established under subsection (b).

3           (b) ESTABLISHMENT.—The Secretary, in coordina-  
4           tion with the heads of relevant program offices of the De-  
5           partment, shall establish a program to conduct project  
6           management and oversight of covered projects, including  
7           by—

8           (1) conducting evaluations of proposals for cov-  
9           ered projects before the selection of a covered project  
10          for funding;

11          (2) conducting independent oversight of the  
12          execution of a covered project after funding has been  
13          awarded for that covered project; and

14          (3) ensuring a balanced portfolio of investments  
15          in covered projects.

16          (c) DUTIES.—The Secretary shall appoint a head of  
17          the program who shall, in coordination with the heads of  
18          relevant program offices of the Department—

19          (1) evaluate proposals for covered projects, in-  
20          cluding scope, technical specifications, maturity of  
21          design, funding profile, estimated costs, proposed  
22          schedule, proposed technical and financial mile-  
23          stones, and potential for commercial success based  
24          on economic and policy projections;

2008

1           (2) develop independent cost estimates for a  
2           proposal for a covered project, if appropriate;

3           (3) recommend to the head of a program office  
4           of the Department, as appropriate, whether to fund  
5           a proposal for a covered project;

6           (4) oversee the execution of covered projects  
7           that receive funding from the Secretary, including  
8           reconciling estimated costs as compared to actual  
9           costs;

10          (5) conduct reviews of ongoing covered projects,  
11          including—

12                 (A) evaluating the progress of a covered  
13                 project based on the proposed schedule and  
14                 technical and financial milestones; and

15                 (B) providing the evaluations under sub-  
16                 paragraph (A) to the Secretary; and

17          (6) assess the lessons learned in overseeing cov-  
18          ered projects and implement improvements in the  
19          process of evaluating and overseeing covered  
20          projects.

21          (d) **EMPLOYEES.**—To carry out the program, the  
22          Secretary may hire appropriate personnel to perform the  
23          duties of the program.

24          (e) **COORDINATION.**—In carrying out the program,  
25          the head of the program shall coordinate with—



2009

1           (1) project management and acquisition man-  
2           agement entities with the Department, including the  
3           Office of Project Management; and

4           (2) professional organizations in project man-  
5           agement, construction, cost estimation, and other  
6           relevant fields.

7           (f) REPORTS.—

8           (1) REPORT BY SECRETARY.—The Secretary  
9           shall include in each updated technology transfer  
10          execution plan submitted under subsection (h)(2) of  
11          section 1001 of the Energy Policy Act of 2005 (42  
12          U.S.C. 16391) information on the implementation of  
13          and progress made under the program, including,  
14          for the year covered by the report—

15                (A) the covered projects under the purview  
16                of the program; and

17                (B) the review of each covered project car-  
18                ried out under subsection (c)(5).

19          (2) REPORT BY COMPTROLLER GENERAL.—Not  
20          later than 3 years after the date of enactment of  
21          this Act, the Comptroller General of the United  
22          States shall submit to the Committee on Energy and  
23          Natural Resources of the Senate and the Committee  
24          on Science, Space, and Technology of the House of

2010

1 Representatives a report evaluating the operation of  
2 the program, including—

3 (A) a description of the processes and pro-  
4 cedures used by the program to evaluate pro-  
5 posals of covered projects and the oversight of  
6 covered projects; and

7 (B) any recommended changes in the pro-  
8 gram, including changes to—

9 (i) the processes and procedures de-  
10 scribed in subparagraph (A); and

11 (ii) the structure of the program, for  
12 the purpose of better carrying out the pro-  
13 gram.

14 (g) **TECHNICAL AMENDMENT.**—Section 1001 of the  
15 Energy Policy Act of 2005 (42 U.S.C. 16391) is amended  
16 by redesignating the second subsections (f) (relating to  
17 planning and reporting) and (g) (relating to additional  
18 technology transfer programs) as subsections (h) and (i),  
19 respectively.

20 **SEC. 31202. EXTENSION OF SECURE RURAL SCHOOLS AND**  
21 **COMMUNITY SELF-DETERMINATION ACT OF**  
22 **2000.**

23 (a) **DEFINITION OF FULL FUNDING AMOUNT.**—Sec-  
24 tion 3(11) of the Secure Rural Schools and Community  
25 Self-Determination Act of 2000 (16 U.S.C. 7102(11)) is

2011

1 amended by striking subparagraphs (D) and (E) and in-  
2 serting the following:

3 “(D) for fiscal year 2017, the amount that  
4 is equal to 95 percent of the full funding  
5 amount for fiscal year 2015;

6 “(E) for each of fiscal years 2018 through  
7 2020, the amount that is equal to 95 percent  
8 of the full funding amount for the preceding fis-  
9 cal year; and

10 “(F) for fiscal year 2021 and each fiscal  
11 year thereafter, the amount that is equal to the  
12 full funding amount for fiscal year 2017.”.

13 (b) SECURE PAYMENTS FOR STATES AND COUNTIES  
14 CONTAINING FEDERAL LAND.—

15 (1) SECURE PAYMENTS.—Section 101 of the  
16 Secure Rural Schools and Community Self-Deter-  
17 mination Act of 2000 (16 U.S.C. 7111) is amended,  
18 in subsections (a) and (b), by striking “2015, 2017,  
19 2018, 2019, and 2020” each place it appears and  
20 inserting “2015 and 2017 through 2023”.

21 (2) DISTRIBUTION OF PAYMENTS TO ELIGIBLE  
22 COUNTIES.—Section 103(d)(2) of the Secure Rural  
23 Schools and Community Self-Determination Act of  
24 2000 (16 U.S.C. 7113(d)(2)) is amended by striking  
25 “2020” and inserting “2023”.

2012

1 (c) PILOT PROGRAM TO STREAMLINE NOMINATION  
2 OF MEMBERS OF RESOURCE ADVISORY COMMITTEES.—  
3 Section 205 of the Secure Rural Schools and Community  
4 Self-Determination Act of 2000 (16 U.S.C. 7125) is  
5 amended by striking subsection (g) and inserting the fol-  
6 lowing:

7 “(g) RESOURCE ADVISORY COMMITTEE APPOINT-  
8 MENT PILOT PROGRAMS.—

9 “(1) DEFINITIONS.—In this subsection:

10 “(A) APPLICABLE DESIGNEE.—The term  
11 ‘applicable designee’ means the applicable re-  
12 gional forester.

13 “(B) NATIONAL PILOT PROGRAM.—The  
14 term ‘national pilot program’ means the na-  
15 tional pilot program established under para-  
16 graph (4)(A).

17 “(C) REGIONAL PILOT PROGRAM.—The  
18 term ‘regional pilot program’ means the re-  
19 gional pilot program established under para-  
20 graph (3)(A).

21 “(2) ESTABLISHMENT OF PILOT PROGRAMS.—  
22 In accordance with paragraphs (3) and (4), the Sec-  
23 retary concerned shall carry out 2 pilot programs to  
24 appoint members of resource advisory committees.

25 “(3) REGIONAL PILOT PROGRAM.—

2013

1           “(A) IN GENERAL.—The Secretary con-  
2           cerned shall carry out a regional pilot program  
3           to allow an applicable designee to appoint mem-  
4           bers of resource advisory committees.

5           “(B) GEOGRAPHIC LIMITATION.—The re-  
6           gional pilot program shall only apply to re-  
7           source advisory committees chartered in—

8                   “(i) the State of Montana; and

9                   “(ii) the State of Arizona.

10           “(C) RESPONSIBILITIES OF APPLICABLE  
11           DESIGNEE.—

12                   “(i) REVIEW.—Before appointing a  
13                   member of a resource advisory committee  
14                   under the regional pilot program, an appli-  
15                   cable designee shall conduct the review and  
16                   analysis that would otherwise be conducted  
17                   for an appointment to a resource advisory  
18                   committee if the regional pilot program  
19                   was not in effect, including any review and  
20                   analysis with respect to civil rights and  
21                   budgetary requirements.

22                   “(ii) SAVINGS CLAUSE.—Nothing in  
23                   this paragraph relieves an applicable des-  
24                   ignee from any requirement developed by  
25                   the Secretary concerned for making an ap-

2014

1 pointment to a resource advisory com-  
2 mittee that is in effect on December 20,  
3 2018, including any requirement for adver-  
4 tising a vacancy.

5 “(4) NATIONAL PILOT PROGRAM.—

6 “(A) IN GENERAL.—The Secretary con-  
7 cerned shall carry out a national pilot program  
8 to allow the Chief of the Forest Service or the  
9 Director of the Bureau of Land Management,  
10 as applicable, to submit to the Secretary con-  
11 cerned nominations of individuals for appoint-  
12 ment as members of resource advisory commit-  
13 tees.

14 “(B) APPOINTMENT.—Under the national  
15 pilot program, subject to subparagraph (C), not  
16 later than 30 days after the date on which a  
17 nomination is transmitted to the Secretary con-  
18 cerned under subparagraph (A), the Secretary  
19 concerned shall—

20 “(i) appoint the nominee to the appli-  
21 cable resource advisory committee; or

22 “(ii) reject the nomination.

23 “(C) AUTOMATIC APPOINTMENT.—If the  
24 Secretary concerned does not act on a nomina-  
25 tion in accordance with subparagraph (B) by

2015

1 the date described in that subparagraph, the  
2 nominee shall be deemed appointed to the appli-  
3 cable resource advisory committee.

4 “(D) GEOGRAPHIC LIMITATION.—The na-  
5 tional pilot program shall apply to a resource  
6 advisory committee chartered in any State other  
7 than—

8 “(i) the State of Montana; or

9 “(ii) the State of Arizona.

10 “(E) SAVINGS CLAUSE.—Nothing in this  
11 paragraph relieves the Secretary concerned  
12 from any requirement relating to an appoint-  
13 ment to a resource advisory committee, includ-  
14 ing any requirement with respect to civil rights  
15 or advertising a vacancy.

16 “(5) TERMINATION OF EFFECTIVENESS.—The  
17 authority provided under this subsection terminates  
18 on October 1, 2023.

19 “(6) REPORT TO CONGRESS.—Not later 180  
20 days after the date described in paragraph (5), the  
21 Secretary concerned shall submit to Congress a re-  
22 port that includes—

23 “(A) with respect to appointments made  
24 under the regional pilot program compared to

2016

1           appointments made under the national pilot  
2           program, a description of the extent to which—

3                   “(i) appointments were faster or slow-  
4                   er; and

5                   “(ii) the requirements described in  
6                   paragraph (3)(C)(i) differ; and

7                   “(B) a recommendation with respect to  
8                   whether Congress should terminate, continue,  
9                   modify, or expand the pilot programs.”.

10          (d) EXTENSION OF AUTHORITY TO CONDUCT SPE-  
11          CIAL PROJECTS ON FEDERAL LAND.—

12               (1) EXISTING ADVISORY COMMITTEES.—Section  
13          205(a)(4) of the Secure Rural Schools and Commu-  
14          nity Self-Determination Act of 2000 (16 U.S.C.  
15          7125(a)(4)) is amended by striking “December 20,  
16          2021” each place it appears and inserting “Decem-  
17          ber 20, 2023”.

18               (2) EXTENSION OF AUTHORITY.—Section 208  
19          of the Secure Rural Schools and Community Self-  
20          Determination Act of 2000 (16 U.S.C. 7128) is  
21          amended—

22                   (A) in subsection (a), by striking “2022”  
23                   and inserting “2025”; and

24                   (B) in subsection (b), by striking “2023”  
25                   and inserting “2026”.



2017

1 (e) ACCESS TO BROADBAND AND OTHER TECH-  
2 NOLOGY.—Section 302(a) of the Secure Rural Schools and  
3 Community Self-Determination Act of 2000 (16 U.S.C.  
4 7142(a)) is amended—

5 (1) in paragraph (3), by striking “and” at the  
6 end;

7 (2) in paragraph (4), by striking the period at  
8 the end and inserting “; and”; and

9 (3) by adding at the end the following:

10 “(5) to provide or expand access to—

11 “(A) broadband telecommunications serv-  
12 ices at local schools; or

13 “(B) the technology and connectivity nec-  
14 essary for students to use a digital learning tool  
15 at or outside of a local school campus.”.

16 (f) EXTENSION OF AUTHORITY TO EXPEND COUNTY  
17 FUNDS.—Section 304 of the Secure Rural Schools and  
18 Community Self-Determination Act of 2000 (16 U.S.C.  
19 7144) is amended—

20 (1) in subsection (a), by striking “2022” and  
21 inserting “2025”; and

22 (2) in subsection (b), by striking “2023” and  
23 inserting “2026”.

24 (g) AMOUNTS OBLIGATED BUT UNSPENT; PROHIBI-  
25 TION ON USE OF FUNDS.—Title III of the Secure Rural

2018

1 Schools and Community Self-Determination Act of 2000  
2 (16 U.S.C. 7141 et seq.) is amended—

3 (1) by redesignating section 304 as section 305;

4 and

5 (2) by inserting after section 303 the following:

6 **“SEC. 304. AMOUNTS OBLIGATED BUT UNSPENT; PROHIBI-**  
7 **TION ON USE OF FUNDS.**

8 “(a) AMOUNTS OBLIGATED BUT UNSPENT.—Any  
9 county funds that were obligated by the applicable partici-  
10 pating county before October 1, 2017, but are unspent on  
11 October 1, 2020—

12 “(1) may, at the option of the participating  
13 county, be deemed to have been reserved by the par-  
14 ticipating county on October 1, 2020, for expendi-  
15 ture in accordance with this title; and

16 “(2)(A) may be used by the participating coun-  
17 ty for any authorized use under section 302(a); and

18 “(B) on a determination by the participating  
19 county under subparagraph (A) to use the county  
20 funds, shall be available for projects initiated after  
21 October 1, 2020, subject to section 305.

22 “(b) PROHIBITION ON USE OF FUNDS.—Notwith-  
23 standing any other provision of law, effective beginning  
24 on the date of enactment of the Infrastructure Investment  
25 and Jobs Act, no county funds made available under this

2019

1 title may be used by any participating county for any lob-  
2 bying activity, regardless of the purpose for which the  
3 funds are obligated on or before that date.”.

4 **TITLE XIII—INDIAN WATER**  
5 **RIGHTS SETTLEMENT COM-**  
6 **PLETION FUND**

7 **SEC. 31301. INDIAN WATER RIGHTS SETTLEMENT COMPLE-**  
8 **TION FUND.**

9 (a) ESTABLISHMENT.—There is established in the  
10 Treasury of the United States a fund to be known as the  
11 “Indian Water Rights Settlement Completion Fund” (re-  
12 ferred to in this section as the “Fund”).

13 (b) DEPOSITS.—

14 (1) IN GENERAL.—On the later of October 1,  
15 2021, and the date of enactment of this Act, out of  
16 any funds in the Treasury not otherwise appro-  
17 priated, the Secretary of the Treasury shall deposit  
18 in the Fund \$2,500,000,000, to remain available  
19 until expended.

20 (2) AVAILABILITY.—Amounts deposited in the  
21 Fund under paragraph (1) shall be available to the  
22 Secretary of the Interior, without further appropria-  
23 tion or fiscal year limitation, for the uses described  
24 in subsection (c).

2020

1           (c) USES.—Subject to subsection (d), amounts depos-  
2 ited in the Fund under subsection (b) shall be used by  
3 the Secretary of the Interior for transfers to funds or ac-  
4 counts authorized to receive discretionary appropriations,  
5 or to satisfy other obligations identified by the Secretary  
6 of the Interior, under an Indian water settlement approved  
7 and authorized by an Act of Congress before the date of  
8 enactment of this Act.

9           (d) SCOPE OF TRANSFERS.—

10           (1) IN GENERAL.—Transfers authorized under  
11 subsection (c) shall be made in such amounts as are  
12 determined by the Secretary of the Interior to be ap-  
13 propriate to satisfy the obligations of the United  
14 States, including appropriate indexing, pursuant to  
15 the applicable Indian water settlement.

16           (2) SEQUENCE AND TIMING.—The Secretary of  
17 the Interior shall have the discretion to determine  
18 the sequence and timing of transfers from the Fund  
19 under subsection (c) in order to substantially com-  
20 plete the eligible Indian water settlements as expedi-  
21 tiously as practicable.

2021

1                   **TITLE XIV—FEDERAL**  
2                   **PERMITTING IMPROVEMENT**

3   **SEC. 31401. FEDERAL PERMITTING IMPROVEMENT.**

4           (a) DEFINITIONS.—Section 41001 of the FAST Act  
5 (42 U.S.C. 4370m) is amended—

6                   (1) in paragraph (3), by inserting “and any  
7 interagency consultation” after “issued by an agen-  
8 cy”;

9                   (2) in paragraph (4), by striking “means” and  
10 all that follows through the period at the end of sub-  
11 paragraph (B) and inserting “has the meaning given  
12 the term in section 1508.1 of title 40, Code of Fed-  
13 eral Regulations (or successor regulations).”;

14                   (3) in paragraph (5), by striking “Federal In-  
15 frastructure Permitting Improvement Steering  
16 Council” and inserting “Federal Permitting Im-  
17 provement Steering Council”;

18                   (4) in paragraph (6)(A)—

19                           (A) in clause (ii), by striking “or” at the  
20 end;

21                           (B) by redesignating clause (iii) as clause  
22 (iv); and

23                           (C) by inserting after clause (ii) the fol-  
24 lowing:

25                                   “(iii) is—

2022

1 “(I) subject to NEPA;

2 “(II) sponsored by an Indian  
3 Tribe (as defined in section 4 of the  
4 Indian Self-Determination and Edu-  
5 cation Assistance Act (25 U.S.C.  
6 5304)), an Alaska Native Corporation,  
7 a Native Hawaiian organization (as  
8 defined in section 6207 of the Ele-  
9 mentary and Secondary Education  
10 Act of 1965 (20 U.S.C. 7517)), the  
11 Department of Hawaiian Home  
12 Lands, or the Office of Hawaiian Af-  
13 fairs; and

14 “(III) located on land owned or  
15 under the jurisdiction of the entity  
16 that sponsors the activity under sub-  
17 clause (II); or”; and

18 (5) in paragraph (8), by striking “means” and  
19 all that follows through the period at the end and  
20 inserting “has the meaning given the term in section  
21 1508.1 of title 40, Code of Federal Regulations (or  
22 successor regulations).”

23 (b) FEDERAL PERMITTING IMPROVEMENT STEERING  
24 COUNCIL.—Section 41002 of the FAST Act (42 U.S.C.  
25 4370m-1) is amended—

2023

1 (1) in the section heading, by striking “**FED-**  
2 **ERAL PERMITTING IMPROVEMENT COUNCIL**”  
3 and inserting “**FEDERAL PERMITTING IMPROVE-**  
4 **MENT STEERING COUNCIL**”;

5 (2) in subsection (b)(2)(A)—

6 (A) in clause (i)—

7 (i) by striking “Each” and inserting  
8 the following:

9 “(I) IN GENERAL.—Each”; and

10 (ii) by adding at the end the fol-  
11 lowing:

12 “(II) REDESIGNATION.—If an in-  
13 dividual listed in subparagraph (B)  
14 designates a different member to  
15 serve on the Council than the member  
16 designated under subclause (I), the  
17 individual shall notify the Executive  
18 Director of the designation by not  
19 later than 30 days after the date on  
20 which the designation is made.”; and

21 (B) in clause (iii)(II), by striking “a dep-  
22 uty secretary (or the equivalent) or higher” and  
23 inserting “the applicable agency  
24 councilmember”;

25 (3) in subsection (c)—

2024

1 (A) in paragraph (1)(C)(ii)—

2 (i) by striking subclause (I) and in-  
3 serting the following:

4 “(I) IN GENERAL.—The perform-  
5 ance schedules shall reflect employ-  
6 ment of the most sound and efficient  
7 applicable processes, including the  
8 alignment of Federal reviews of  
9 projects, reduction of permitting and  
10 project delivery time, and consider-  
11 ation of the best practices for public  
12 participation.”;

13 (ii) by redesignating subclause (II) as  
14 subclause (III);

15 (iii) by inserting after subclause (I)  
16 the following:

17 “(II) GOAL.—

18 “(aa) IN GENERAL.—To the  
19 maximum extent practicable, and  
20 consistent with applicable Fed-  
21 eral law, the Executive Director,  
22 in consultation with the Council,  
23 shall aim to develop rec-  
24 ommended performance schedules



2025

1 under clause (i) of not more than  
2 2 years.

3 “(bb) EXCEPTION.—If a  
4 recommended performance sched-  
5 ule developed under clause (i) ex-  
6 ceeds 2 years, the relevant agen-  
7 cies, in consultation with the Ex-  
8 ecutive Director and the Council,  
9 shall explain in that rec-  
10 ommended performance schedule  
11 the factors that cause the envi-  
12 ronmental reviews and authoriza-  
13 tions in that category of covered  
14 projects to take longer than 2  
15 years.”; and

16 (iv) in subclause (III)(bb) (as so re-  
17 designated), by striking “on the basis of  
18 data from the preceding 2 calendar years”  
19 and inserting “based on relevant historical  
20 data, as determined by the Executive Di-  
21 rector,”;

22 (B) in paragraph (2)(B)—

23 (i) in the matter preceding clause (i),  
24 by striking “later than” and all that fol-  
25 lows through “practices for” and inserting

2026

1 “less frequently than annually, the Council  
2 shall issue recommendations on the best  
3 practices for improving the Federal permit-  
4 ting process for covered projects, which  
5 may include”;

6 (ii) in clause (i)—

7 (I) by striking “stakeholder en-  
8 gagement, including fully considering”  
9 and inserting “stakeholder engage-  
10 ment, including—

11 “(II) fully considering”; and

12 (II) by inserting before subclause  
13 (II) (as added by subclause (I)) the  
14 following:

15 “(I) engaging with Native Amer-  
16 ican stakeholders to ensure that  
17 project sponsors and agencies identify  
18 potential natural, archeological, and  
19 cultural resources and locations of his-  
20 toric and religious significance in the  
21 area of a covered project; and”;

22 (iii) in clause (vii), by striking “and”  
23 at the end;

24 (iv) by redesignating clause (viii) as  
25 clause (x); and

2027

1 (v) by inserting after clause (vii) the  
2 following:

3 “(viii) in coordination with the Execu-  
4 tive Director, improving preliminary en-  
5 gagement with project sponsors in devel-  
6 oping coordinated project plans;

7 “(ix) using programmatic assess-  
8 ments, templates, and other tools based on  
9 the best available science and data; and”;  
10 and

11 (C) in paragraph (3)(A), by inserting “, in-  
12 cluding agency compliance with intermediate  
13 and final completion dates described in coordi-  
14 nated project plans” after “authorizations”;  
15 and

16 (4) by striking subsection (d).

17 (c) PERMITTING PROCESS IMPROVEMENT.—Section  
18 41003 of the FAST Act (42 U.S.C. 4370m–2) is amend-  
19 ed—

20 (1) in subsection (a)—

21 (A) in paragraph (1), by adding at the end  
22 the following:

23 “(D) CONFIDENTIALITY.—Any information  
24 relating to Native American natural, cultural,  
25 and historical resources submitted in a notice

2028

1 by a project sponsor under subparagraph (A)  
2 shall be—

3 “(i) kept confidential; and

4 “(ii) exempt from the disclosure re-  
5 quirements under section 552 of title 5,  
6 United States Code (commonly known as  
7 the ‘Freedom of Information Act’), and the  
8 Federal Advisory Committee Act (5 U.S.C.  
9 App.).”;

10 (B) in paragraph (2)—

11 (i) in subparagraph (A), in the matter  
12 preceding clause (i), by striking “45 days”  
13 and inserting “21 calendar days”; and

14 (ii) in subparagraph (B), by inserting  
15 “14 calendar day” before “deadline”; and

16 (C) in paragraph (3)(A), in the matter  
17 preceding clause (i), by inserting “and the Ex-  
18 ecutive Director” after “as applicable,”;

19 (2) in subsection (b)—

20 (A) in paragraph (2)(A), by adding at the  
21 end the following:

22 “(iii) PROJECTS OTHER THAN COV-  
23 ERED PROJECTS.—

24 “(I) IN GENERAL.—The Execu-  
25 tive Director may direct a lead agency

2029

1 to create a specific entry on the Dash-  
2 board for a project that is not a cov-  
3 ered project and is under review by  
4 the lead agency if the Executive Di-  
5 rector determines that a Dashboard  
6 entry for that project is in the interest  
7 of transparency.

8 “(II) REQUIREMENTS.—Not later  
9 than 14 days after the date on which  
10 the Executive Director directs the lead  
11 agency to create a specific entry on  
12 the Dashboard for a project described  
13 in subclause (I), the lead agency shall  
14 create and maintain a specific entry  
15 on the Dashboard for the project that  
16 contains—

17 “(aa) a comprehensive per-  
18 mitting timetable, as described in  
19 subsection (c)(2)(A);

20 “(bb) the status of the com-  
21 pliance of each lead agency, co-  
22 operating agency, and partici-  
23 pating agency with the permit-  
24 ting timetable required under  
25 item (aa);

2030

1                   “(cc) any modifications of  
2 the permitting timetable required  
3 under item (aa), including an ex-  
4 planation as to why the permit-  
5 ting timetable was modified; and

6                   “(dd) information about  
7 project-related public meetings,  
8 public hearings, and public com-  
9 ment periods, which shall be pre-  
10 sented in English and the pre-  
11 dominant language of the com-  
12 munity or communities most af-  
13 fected by the project, as that in-  
14 formation becomes available.”;  
15 and

16 (B) in paragraph (3)(A)—

17 (i) in clause (i)—

18 (I) in subclause (IV), by striking  
19 “and” at the end;

20 (II) by redesignating subclause  
21 (V) as subclause (VI);

22 (III) by inserting after subclause  
23 (IV) the following:

24                   “(V) information on the status of  
25 mitigation measures that were agreed

2031

1 to as part of the environmental review  
2 and permitting process, including  
3 whether and when the mitigation  
4 measures have been fully imple-  
5 mented; and”;

6 (IV) in subclause (VI) (as so re-  
7 designated), by striking “and” at the  
8 end;

9 (ii) in clause (ii), by striking the pe-  
10 riod at the end and inserting “; and”;

11 (iii) by adding at the end the fol-  
12 lowing:

13 “(iii) information about project-re-  
14 lated public meetings, public hearings, and  
15 public comment periods, which shall be  
16 presented in English and the predominant  
17 language of the community or communities  
18 most affected by the project, as that infor-  
19 mation becomes available.”;

20 (3) in subsection (c)(2)—

21 (A) in subparagraph (A), strike “coordina-  
22 tion” and insert “coordinated”;

23 (B) in subparagraph (D)(i)—

2032

1 (i) by redesignating subclauses (I)  
2 through (III) as subclauses (II) through  
3 (IV), respectively;

4 (ii) by inserting before subclause (II)  
5 (as so redesignated) the following:

6 “(I) the facilitating or lead agen-  
7 cy, as applicable, consults with the  
8 Executive Director regarding the po-  
9 tential modification not less than 15  
10 days before engaging in the consulta-  
11 tion under subclause (II);” and

12 (iii) in subclause (II) (as so redesign-  
13 ated), by inserting “, the Executive Di-  
14 rector,” after “participating agencies”; and  
15 (C) in subparagraph (F)—

16 (i) in clause (i)—

17 (I) by inserting “intermediate  
18 and final” before “completion dates”;  
19 and

20 (II) by inserting “intermediate or  
21 final” before “completion date”; and

22 (ii) in clause (ii)—

23 (I) in the matter preceding sub-  
24 clause (I), by striking “a completion  
25 date for agency action on a covered



2033

1 project or is at significant risk of fail-  
2 ing to conform with” and inserting  
3 “an intermediate or final completion  
4 date for agency action on a covered  
5 project or reasonably believes the  
6 agency will fail to conform with a  
7 completion date 30 days before”; and  
8 (II) in subclause (I), by striking  
9 “significantly risking failing to con-  
10 form” and inserting “reasonably be-  
11 lieving the agency will fail to con-  
12 form”.

13 (d) COORDINATION OF REQUIRED REVIEWS.—Sec-  
14 tion 41005 of the FAST Act (42 U.S.C. 4370m-4) is  
15 amended—

16 (1) in subsection (a)—

17 (A) in paragraph (1), by striking “and” at  
18 the end;

19 (B) in paragraph (2), by striking the pe-  
20 riod at the end and inserting “; and”; and

21 (C) by adding at the end the following:

22 “(3) where an environmental impact statement  
23 is required for a project, prepare a single, joint  
24 interagency environmental impact statement for the  
25 project unless the lead agency provides justification

2034

1 in the coordinated project plan that multiple envi-  
2 ronmental documents are more efficient for project  
3 review and authorization.”;

4 (2) in subsection (b)—

5 (A) by striking “(1) STATE ENVIRON-  
6 MENTAL DOCUMENTS; SUPPLEMENTAL DOCU-  
7 MENTS.—”;

8 (B) by redesignating subparagraphs (A)  
9 through (E) as paragraphs (1) through (5), re-  
10 spectively, and indenting appropriately;

11 (C) in paragraph (1) (as so redesi-  
12 gnated)—

13 (i) by redesignating clauses (i) and  
14 (ii) as subparagraphs (A) and (B), respec-  
15 tively, and indenting appropriately; and

16 (ii) in subparagraph (A) (as so redesi-  
17 gnated)—

18 (I) by striking “State laws and  
19 procedures” and inserting “the laws  
20 and procedures of a State or Indian  
21 Tribe (as defined in section 102 of the  
22 Federally Recognized Indian Tribe  
23 List Act of 1994 (25 U.S.C. 5130))”;  
24 and

2035

1 (II) by inserting “developed pur-  
2 suant to laws and procedures of that  
3 State or Indian Tribe (as so defined)  
4 that are of equal or greater rigor to  
5 each applicable Federal law and pro-  
6 cedure, and” after “Council on Envi-  
7 ronmental Quality,”;

8 (D) in paragraph (2) (as so redesignated),  
9 by striking “subparagraph (A)” each place it  
10 appears and inserting “paragraph (1)”;

11 (E) in paragraph (3) (as so redesign-  
12 ated)—

13 (i) in the matter preceding clause (i),  
14 by striking “subparagraph (A)” and insert-  
15 ing “paragraph (1)”;

16 (ii) by redesignating clauses (i) and  
17 (ii) as subparagraphs (A) and (B), respec-  
18 tively, and indenting appropriately;

19 (F) in paragraph (4) (as so redesign-  
20 ated)—

21 (i) in the matter preceding clause (i),  
22 by striking “subparagraph (C)” and insert-  
23 ing “paragraph (3)”;

2036

1 (ii) by redesignating clauses (i) and  
2 (ii) as subparagraphs (A) and (B), respec-  
3 tively, and indenting appropriately; and

4 (G) in paragraph (5) (as so redesign-  
5 nated)—

6 (i) by striking “subparagraph (A)”  
7 and inserting “paragraph (1)”; and

8 (ii) by striking “subparagraph (C)”  
9 and inserting “paragraph (3)”;  
10 (3) in subsection (c)(4)—

11 (A) in the matter preceding subparagraph  
12 (A), by striking “determines that the develop-  
13 ment of the higher level of detail will not pre-  
14 vent—” and inserting “determines that—”;

15 (B) in subparagraph (A), by inserting “the  
16 development of the higher level of detail will not  
17 prevent” before “the lead agency”; and

18 (C) by striking subparagraph (B) and in-  
19 serting the following:

20 “(B) the preferred and other alternatives  
21 are developed in sufficient detail to enable the  
22 public to comment on the alternatives.”;

23 (4) by redesignating subsection (f) as sub-  
24 section (g); and

2037

1           (5) by inserting after subsection (e) the fol-  
2           lowing:

3           “(f) **RECORD OF DECISION.**—When an environmental  
4 impact statement is prepared, Federal agencies must, to  
5 the maximum extent practicable, issue a record of decision  
6 not later than 90 days after the date on which the final  
7 environmental impact statement is issued.”.

8           (e) **LITIGATION, JUDICIAL REVIEW, AND SAVINGS**  
9 **PROVISION.**—Section 41007 of the FAST Act (42 U.S.C.  
10 4370m–6) is amended—

11           (1) in subsection (a)(1)—

12           (A) in subparagraph (A)—

13           (i) by striking “the action” and in-  
14           serting “the claim”; and

15           (ii) by striking “of the final record of  
16           decision or approval or denial of a permit”  
17           and inserting “of notice of final agency ac-  
18           tion on the authorization”; and

19           (B) in subparagraph (B)(i), by striking  
20           “the action” and inserting “the claim”; and

21           (2) in subsection (e), in the matter preceding  
22           paragraph (1), by striking “this section” and insert-  
23           ing “this title”.

2038

1 (f) REPORTS.—Section 41008 of the FAST Act (42  
2 U.S.C. 4370m–7) is amended by striking subsection (a)  
3 and inserting the following:

4 “(a) REPORTS TO CONGRESS.—

5 “(1) EXECUTIVE DIRECTOR ANNUAL REPORT.—

6 “(A) IN GENERAL.—Not later than April  
7 15 of each year for 10 years beginning on the  
8 date of enactment of the Infrastructure Invest-  
9 ment and Jobs Act, the Executive Director  
10 shall submit to Congress a report detailing the  
11 progress accomplished under this title during  
12 the previous fiscal year.

13 “(B) OPPORTUNITY TO INCLUDE COM-  
14 MENTS.—Each councilmember, with input from  
15 the respective agency CERPO, shall have the  
16 opportunity to include comments concerning the  
17 performance of the agency in the report de-  
18 scribed in subparagraph (A).

19 “(2) QUARTERLY AGENCY PERFORMANCE RE-  
20 PORT.—The Executive Director shall submit to Con-  
21 gress a quarterly report evaluating agency compli-  
22 ance with the provisions of this title, which shall in-  
23 clude a description of the implementation and adher-  
24 ence of each agency to the coordinated project plan

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1 and permitting timetable requirements under section  
2 41003(c).

3 “(3) AGENCY BEST PRACTICES REPORT.—Not  
4 later than April 15 of each year, each participating  
5 agency and lead agency shall submit to Congress  
6 and the Director of the Office of Management and  
7 Budget a report assessing the performance of the  
8 agency in implementing the best practices described  
9 in section 41002(c)(2)(B).”.

10 (g) FUNDING FOR GOVERNANCE, OVERSIGHT, AND  
11 PROCESSING OF ENVIRONMENTAL REVIEWS AND PER-  
12 MITS.—Section 41009 of the FAST Act (42 U.S.C.  
13 4370m–8) is amended—

14 (1) by striking subsection (a) and inserting the  
15 following:

16 “(a) IN GENERAL.—For the purpose of carrying out  
17 this title, the Executive Director, in consultation with the  
18 heads of the agencies listed in section 41002(b)(2)(B) and  
19 with the guidance of the Director of the Office of Manage-  
20 ment and Budget, may, after public notice and oppor-  
21 tunity for comment, issue regulations establishing a fee  
22 structure for sponsors of covered projects to reimburse the  
23 United States for reasonable costs incurred in conducting  
24 environmental reviews and authorizations for covered  
25 projects.”;

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1 (2) in subsection (b), by striking “and 41003”  
2 and inserting “through 41008”; and

3 (3) in subsection (d)—

4 (A) in the subsection heading, by striking  
5 “AND PERMITTING”; and

6 (B) by striking paragraphs (2) and (3) and  
7 inserting the following:

8 “(2) AVAILABILITY.—Amounts in the Fund  
9 shall be available to the Executive Director, without  
10 fiscal year limitation, solely for the purposes of ad-  
11 ministering, implementing, and enforcing this title,  
12 including the expenses of the Council, staffing of the  
13 Office of the Executive Director, and support of the  
14 role of the Council as a Federal center for permit-  
15 ting excellence, which may include supporting inter-  
16 agency detailee and rotation opportunities, advanced  
17 training, enhanced support for agency project man-  
18 agers, and fora for sharing information and lessons  
19 learned.

20 “(3) TRANSFER.—For the purpose of carrying  
21 out this title, the Executive Director, with the ap-  
22 proval of the Director of the Office of Management  
23 and Budget, may transfer amounts in the Fund to  
24 other Federal agencies and State, Tribal, and local  
25 governments to facilitate timely and efficient envi-



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1       ronmental reviews and authorizations for covered  
2       projects and other projects under this title, including  
3       direct reimbursement agreements with agency  
4       CERPOs, reimbursable agreements, and approval  
5       and consultation processes and staff for covered  
6       projects.”.

7       (h) SUNSET.—Section 41013 of the FAST Act (42  
8       U.S.C. 4370m–12) is repealed.

9       (i)       TECHNICAL       CORRECTION.—Section  
10       41002(b)(2)(A)(ii) of the FAST Act (42 U.S.C. 4370m–  
11       1(b)(2)(A)(ii)) is amended by striking “councilmem-ber”  
12       and inserting “councilmember”.

13       (j) CLERICAL AMENDMENT.—The table of contents  
14       in section 1(b) of the FAST Act (Public Law 114–94; 129  
15       Stat. 1319) is amended by striking the item relating to  
16       section 41002 and inserting the following:

      “Sec. 41002. Federal Permitting Improvement Steering Council.”.

17       **DIVISION D—BUILD AMERICA,**  
18       **BUY AMERICA**  
19       **TITLE I—BUILD AMERICA, BUY**  
20       **AMERICA**

21       **SEC. 40001. SHORT TITLE.**

22       This title may be cited as the “Build America, Buy  
23       America Act”.

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1 **Subtitle A—Buy America Sourcing**  
2 **Requirements**

3 **SEC. 40101. FINDINGS.**

4 Congress finds that—

5 (1) the United States must make significant in-  
6 vestments to install, upgrade, or replace the public  
7 works infrastructure of the United States;

8 (2) with respect to investments in the infra-  
9 structure of the United States, taxpayers expect that  
10 their public works infrastructure will be produced in  
11 the United States by American workers;

12 (3) United States taxpayer dollars invested in  
13 public infrastructure should not be used to reward  
14 companies that have moved their operations, invest-  
15 ment dollars, and jobs to foreign countries or foreign  
16 factories, particularly those that do not share or  
17 openly flout the commitments of the United States  
18 to environmental, worker, and workplace safety pro-  
19 tections;

20 (4) in procuring materials for public works  
21 projects, entities using taxpayer-financed Federal as-  
22 sistance should give a commonsense procurement  
23 preference for the materials and products produced  
24 by companies and workers in the United States in  
25 accordance with the high ideals embodied in the en-

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1 vironmental, worker, workplace safety, and other  
2 regulatory requirements of the United States;

3 (5) common construction materials used in pub-  
4 lic works infrastructure projects, including steel,  
5 iron, manufactured products, non-ferrous metals,  
6 plastic and polymer-based products (including  
7 polyvinylchloride, composite building materials, and  
8 polymers used in fiber optic cables), concrete and  
9 other aggregates, glass (including optic glass), lum-  
10 ber, and drywall are not adequately covered by a do-  
11 mestic content procurement preference, thus limiting  
12 the impact of taxpayer purchases to enhance supply  
13 chains in the United States;

14 (6) the benefits of domestic content procure-  
15 ment preferences extend beyond economics;

16 (7) by incentivizing domestic manufacturing,  
17 domestic content procurement preferences reinvest  
18 tax dollars in companies and processes using the  
19 highest labor and environmental standards in the  
20 world;

21 (8) strong domestic content procurement pref-  
22 erence policies act to prevent shifts in production to  
23 countries that rely on production practices that are  
24 significantly less energy efficient and far more pol-  
25 luting than those in the United States;

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1           (9) for over 75 years, Buy America and other  
2 domestic content procurement preference laws have  
3 been part of the United States procurement policy,  
4 ensuring that the United States can build and re-  
5 build the infrastructure of the United States with  
6 high-quality American-made materials;

7           (10) before the date of enactment of this Act,  
8 a domestic content procurement preference require-  
9 ment may not apply, may apply only to a narrow  
10 scope of products and materials, or may be limited  
11 by waiver with respect to many infrastructure pro-  
12 grams, which necessitates a review of such pro-  
13 grams, including programs for roads, highways, and  
14 bridges, public transportation, dams, ports, harbors,  
15 and other maritime facilities, intercity passenger and  
16 freight railroads, freight and intermodal facilities,  
17 airports, water systems, including drinking water  
18 and wastewater systems, electrical transmission fa-  
19 cilities and systems, utilities, broadband infrastruc-  
20 ture, and buildings and real property;

21           (11) Buy America laws create demand for do-  
22 mestically produced goods, helping to sustain and  
23 grow domestic manufacturing and the millions of  
24 jobs domestic manufacturing supports throughout  
25 product supply chains;

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1           (12) as of the date of enactment of this Act,  
2 domestic content procurement preference policies  
3 apply to all Federal Government procurement and to  
4 various Federal-aid infrastructure programs;

5           (13) a robust domestic manufacturing sector is  
6 a vital component of the national security of the  
7 United States;

8           (14) as more manufacturing operations of the  
9 United States have moved offshore, the strength and  
10 readiness of the defense industrial base of the  
11 United States has been diminished; and

12           (15) domestic content procurement preference  
13 laws—

14           (A) are fully consistent with the inter-  
15 national obligations of the United States; and

16           (B) together with the government procure-  
17 ments to which the laws apply, are important  
18 levers for ensuring that United States manufac-  
19 turers can access the government procurement  
20 markets of the trading partners of the United  
21 States.

22 **SEC. 40102. DEFINITIONS.**

23 In this subtitle:

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1           (1) DEFICIENT PROGRAM.—The term “deficient  
2           program” means a program identified by the head of  
3           a Federal agency under section 40103(c).

4           (2) DOMESTIC CONTENT PROCUREMENT PREF-  
5           ERENCE.—The term “domestic content procurement  
6           preference” means a requirement that no amounts  
7           made available through a program for Federal finan-  
8           cial assistance may be obligated for a project un-  
9           less—

10                   (A) all iron and steel used in the project  
11                   are produced in the United States;

12                   (B) the manufactured products used in the  
13                   project are produced in the United States; or

14                   (C) the construction materials used in the  
15                   project are produced in the United States.

16           (3) FEDERAL AGENCY.—The term “Federal  
17           agency” means any authority of the United States  
18           that is an “agency” (as defined in section 3502 of  
19           title 44, United States Code), other than an inde-  
20           pendent regulatory agency (as defined in that sec-  
21           tion).

22           (4) FEDERAL FINANCIAL ASSISTANCE.—

23                   (A) IN GENERAL.—The term “Federal fi-  
24                   nancial assistance” has the meaning given the

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1 term in section 200.1 of title 2, Code of Federal  
2 Regulations (or successor regulations).

3 (B) INCLUSION.—The term “Federal fi-  
4 nancial assistance” includes all expenditures by  
5 a Federal agency to a non-Federal entity for an  
6 infrastructure project, except that it does not  
7 include expenditures for assistance authorized  
8 under section 402, 403, 404, 406, 408, or 502  
9 of the Robert T. Stafford Disaster Relief and  
10 Emergency Assistance Act (42 U.S.C. 5170a,  
11 5170b, 5170c, 5172, 5174, or 5192) relating to  
12 a major disaster or emergency declared by the  
13 President under section 401 or 501, respec-  
14 tively, of such Act (42 U.S.C. 5170, 5191) or  
15 pre and post disaster or emergency response ex-  
16 penditures.

17 (5) INFRASTRUCTURE.—The term “infrastruc-  
18 ture” includes, at a minimum, the structures, facili-  
19 ties, and equipment for, in the United States—

20 (A) roads, highways, and bridges;

21 (B) public transportation;

22 (C) dams, ports, harbors, and other mari-  
23 time facilities;

24 (D) intercity passenger and freight rail-  
25 roads;

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- 1 (E) freight and intermodal facilities;
- 2 (F) airports;
- 3 (G) water systems, including drinking
- 4 water and wastewater systems;
- 5 (H) electrical transmission facilities and
- 6 systems;
- 7 (I) utilities;
- 8 (J) broadband infrastructure; and
- 9 (K) buildings and real property.

10 (6) PRODUCED IN THE UNITED STATES.—The

11 term “produced in the United States” means—

12 (A) in the case of iron or steel products,

13 that all manufacturing processes, from the ini-

14 tial melting stage through the application of

15 coatings, occurred in the United States;

16 (B) in the case of manufactured products,

17 that—

18 (i) the manufactured product was

19 manufactured in the United States; and

20 (ii) the cost of the components of the

21 manufactured product that are mined, pro-

22 duced, or manufactured in the United

23 States is greater than 55 percent of the

24 total cost of all components of the manu-

25 factured product, unless another standard



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1 for determining the minimum amount of  
2 domestic content of the manufactured  
3 product has been established under appli-  
4 cable law or regulation; and

5 (C) in the case of construction materials,  
6 that all manufacturing processes for the con-  
7 struction material occurred in the United  
8 States.

9 (7) PROJECT.—The term “project” means the  
10 construction, alteration, maintenance, or repair of  
11 infrastructure in the United States.

12 **SEC. 40103. IDENTIFICATION OF DEFICIENT PROGRAMS.**

13 (a) IN GENERAL.—Not later than 60 days after the  
14 date of enactment of this Act, the head of each Federal  
15 agency shall—

16 (1) submit to the Office of Management and  
17 Budget and to Congress, including a separate notice  
18 to each appropriate congressional committee, a re-  
19 port that identifies each Federal financial assistance  
20 program for infrastructure administered by the Fed-  
21 eral agency; and

22 (2) publish in the Federal Register the report  
23 under paragraph (1).

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1 (b) REQUIREMENTS.—In the report under subsection  
2 (a), the head of each Federal agency shall, for each Fed-  
3 eral financial assistance program—

4 (1) identify all domestic content procurement  
5 preferences applicable to the Federal financial as-  
6 sistance;

7 (2) assess the applicability of the domestic con-  
8 tent procurement preference requirements, includ-  
9 ing—

10 (A) section 313 of title 23, United States  
11 Code;

12 (B) section 5323(j) of title 49, United  
13 States Code;

14 (C) section 22905(a) of title 49, United  
15 States Code;

16 (D) section 50101 of title 49, United  
17 States Code;

18 (E) section 603 of the Federal Water Pol-  
19 lution Control Act (33 U.S.C. 1388);

20 (F) section 1452(a)(4) of the Safe Drink-  
21 ing Water Act (42 U.S.C. 300j–12(a)(4));

22 (G) section 5035 of the Water Infrastruc-  
23 ture Finance and Innovation Act of 2014 (33  
24 U.S.C. 3914);

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1 (H) any domestic content procurement  
2 preference included in an appropriations Act;  
3 and

4 (I) any other domestic content procure-  
5 ment preference in Federal law (including regu-  
6 lations);

7 (3) provide details on any applicable domestic  
8 content procurement preference requirement, includ-  
9 ing the purpose, scope, applicability, and any excep-  
10 tions and waivers issued under the requirement; and

11 (4) include a description of the type of infra-  
12 structure projects that receive funding under the  
13 program, including information relating to—

14 (A) the number of entities that are partici-  
15 pating in the program;

16 (B) the amount of Federal funds that are  
17 made available for the program for each fiscal  
18 year; and

19 (C) any other information the head of the  
20 Federal agency determines to be relevant.

21 (c) LIST OF DEFICIENT PROGRAMS.—In the report  
22 under subsection (a), the head of each Federal agency  
23 shall include a list of Federal financial assistance pro-  
24 grams for infrastructure identified under that subsection

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1 for which a domestic content procurement preference re-  
2 quirement—

3 (1) does not apply in a manner consistent with  
4 section 40104; or

5 (2) is subject to a waiver of general applica-  
6 bility not limited to the use of specific products for  
7 use in a specific project.

8 **SEC. 40104. APPLICATION OF BUY AMERICA PREFERENCE.**

9 (a) IN GENERAL.—Not later than 180 days after the  
10 date of enactment of this Act, the head of each Federal  
11 agency shall ensure that none of the funds made available  
12 for a Federal financial assistance program for infrastruc-  
13 ture, including each deficient program, may be obligated  
14 for a project unless all of the iron, steel, manufactured  
15 products, and construction materials used in the project  
16 are produced in the United States.

17 (b) WAIVER.—The head of a Federal agency that ap-  
18 plies a domestic content procurement preference under  
19 this section may waive the application of that preference  
20 in any case in which the head of the Federal agency finds  
21 that—

22 (1) applying the domestic content procurement  
23 preference would be inconsistent with the public in-  
24 terest;

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1           (2) types of iron, steel, manufactured products,  
2           or construction materials are not produced in the  
3           United States in sufficient and reasonably available  
4           quantities or of a satisfactory quality; or

5           (3) the inclusion of iron, steel, manufactured  
6           products, or construction materials produced in the  
7           United States will increase the cost of the overall  
8           project by more than 25 percent.

9           (c) **WRITTEN JUSTIFICATION.**—Before issuing a  
10          waiver under subsection (b), the head of the Federal agen-  
11          cy shall—

12           (1) make publicly available in an easily acces-  
13           sible location on a website designated by the Office  
14           of Management and Budget and on the website of  
15           the Federal agency a detailed written explanation for  
16           the proposed determination to issue the waiver; and

17           (2) provide a period of not less than 15 days  
18           for public comment on the proposed waiver.

19           (d) **REVIEW OF WAIVERS OF GENERAL APPLICA-**  
20          **BILITY.**—

21           (1) **IN GENERAL.**—An existing general applica-  
22           bility waiver or a general applicability waiver issued  
23           under subsection (b) shall be reviewed every 5 years  
24           after the date on which the waiver is issued.

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1           (2) REVIEW.—In conducting a review of a gen-  
2           eral applicability waiver, the head of a Federal agen-  
3           cy shall—

4                   (A) publish in the Federal Register a no-  
5           tice that—

6                           (i) describes the justification for a  
7                           general applicability waiver; and

8                           (ii) requests public comments for a  
9                           period of not less than 30 days on the con-  
10                          tinued need for a general applicability  
11                          waiver; and

12                   (B) publish in the Federal Register a de-  
13           termination on whether to continue or dis-  
14           continue the general applicability waiver, taking  
15           into account the comments received in response  
16           to the notice published under subparagraph  
17           (A).

18           (3) LIMITATION ON THE REVIEW OF EXISTING  
19           WAIVERS OF GENERAL APPLICABILITY.—For a pe-  
20           riod of 5 years beginning on the date of enactment  
21           of this Act, paragraphs (1) and (2) shall not apply  
22           to any product-specific general applicability waiver  
23           that was issued more than 180 days before the date  
24           of enactment of this Act.

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1 (e) CONSISTENCY WITH INTERNATIONAL AGREE-  
2 MENTS.—This section shall be applied in a manner con-  
3 sistent with United States obligations under international  
4 agreements.

5 **SEC. 40105. OMB GUIDANCE AND STANDARDS.**

6 (a) GUIDANCE.—The Director of the Office of Man-  
7 agement and Budget shall—

8 (1) issue guidance to the head of each Federal  
9 agency—

10 (A) to assist in identifying deficient pro-  
11 grams under section 40103(c); and

12 (B) to assist in applying new domestic con-  
13 tent procurement preferences under section  
14 40104; and

15 (2) if necessary, amend subtitle A of title 2,  
16 Code of Federal Regulations (or successor regula-  
17 tions), to ensure that domestic content procurement  
18 preference requirements required by this subtitle or  
19 other Federal law are imposed through the terms  
20 and conditions of awards of Federal financial assist-  
21 ance.

22 (b) STANDARDS FOR CONSTRUCTION MATERIALS.—

23 (1) IN GENERAL.—Not later than 180 days  
24 after the date of enactment of this Act, the Director  
25 of the Office of Management and Budget shall issue

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1 standards that define the term “all manufacturing  
2 processes” in the case of construction materials.

3 (2) CONSIDERATIONS.—In issuing standards  
4 under paragraph (1), the Director shall—

5 (A) ensure that the standards require that  
6 each manufacturing process required for the  
7 manufacture of the construction material and  
8 the inputs of the construction material occurs  
9 in the United States; and

10 (B) take into consideration and seek to  
11 maximize the direct and indirect jobs benefited  
12 or created in the production of the construction  
13 material.

14 **SEC. 40106. TECHNICAL ASSISTANCE PARTNERSHIP AND**  
15 **CONSULTATION SUPPORTING DEPARTMENT**  
16 **OF TRANSPORTATION BUY AMERICA RE-**  
17 **QUIREMENTS.**

18 (a) DEFINITIONS.—In this section:

19 (1) BUY AMERICA LAW.—The term “Buy Amer-  
20 ica law” means—

21 (A) section 313 of title 23, United States  
22 Code;

23 (B) section 5323(j) of title 49, United  
24 States Code;



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1 (C) section 22905(a) of title 49, United  
2 States Code;

3 (D) section 50101 of title 49, United  
4 States Code; and

5 (E) any other domestic content procure-  
6 ment preference for an infrastructure project  
7 under the jurisdiction of the Secretary.

8 (2) SECRETARY.—The term “Secretary” means  
9 the Secretary of Transportation.

10 (b) TECHNICAL ASSISTANCE PARTNERSHIP.—Not  
11 later than 90 days after the date of the enactment of this  
12 Act, the Secretary shall enter into a technical assistance  
13 partnership with the Secretary of Commerce, acting  
14 through the Director of the National Institute of Stand-  
15 ards and Technology—

16 (1) to ensure the development of a domestic  
17 supply base to support intermodal transportation in  
18 the United States, such as intercity high speed rail  
19 transportation, public transportation systems, high-  
20 way construction or reconstruction, airport improve-  
21 ment projects, and other infrastructure projects  
22 under the jurisdiction of the Secretary;

23 (2) to ensure compliance with Buy America  
24 laws that apply to a project that receives assistance  
25 from the Federal Highway Administration, the Fed-

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1 eral Transit Administration, the Federal Railroad  
2 Administration, the Federal Aviation Administra-  
3 tion, or another office or modal administration of  
4 the Secretary of Transportation;

5 (3) to encourage technologies developed with  
6 the support of and resources from the Secretary to  
7 be transitioned into commercial market and applica-  
8 tions; and

9 (4) to establish procedures for consultation  
10 under subsection (c).

11 (c) CONSULTATION.—Before granting a written waiv-  
12 er under a Buy America law, the Secretary shall consult  
13 with the Director of the Hollings Manufacturing Exten-  
14 sion Partnership regarding whether there is a domestic en-  
15 tity that could provide the iron, steel, manufactured prod-  
16 uct, or construction material that is the subject of the pro-  
17 posed waiver.

18 (d) ANNUAL REPORT.—Not later than 1 year after  
19 the date of enactment of this Act, and annually thereafter,  
20 the Secretary shall submit to the Committee on Com-  
21 merce, Science, and Transportation, the Committee on  
22 Banking, Housing, and Urban Affairs, the Committee on  
23 Environment and Public Works, and the Committee on  
24 Homeland Security and Governmental Affairs of the Sen-  
25 ate and the Committee on Transportation and Infrastruc-

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1 ture and the Committee on Oversight and Reform of the  
2 House of Representatives a report that includes—

3 (1) a detailed description of the consultation  
4 procedures developed under subsection (b)(4);

5 (2) a detailed description of each waiver re-  
6 quested under a Buy America law in the preceding  
7 year that was subject to consultation under sub-  
8 section (c), and the results of the consultation;

9 (3) a detailed description of each waiver grant-  
10 ed under a Buy America law in the preceding year,  
11 including the type of waiver and the reasoning for  
12 granting the waiver; and

13 (4) an update on challenges and gaps in the do-  
14 mestic supply base identified in carrying out sub-  
15 section (b)(1), including a list of actions and policy  
16 changes the Secretary recommends be taken to ad-  
17 dress those challenges and gaps.

18 **SEC. 40107. APPLICATION.**

19 (a) **IN GENERAL.**—This subtitle shall apply to a Fed-  
20 eral financial assistance program for infrastructure only  
21 to the extent that a domestic content procurement pref-  
22 erence as described in section 40104 does not already  
23 apply to iron, steel, manufactured products, and construc-  
24 tion materials.

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1 (b) SAVINGS PROVISION.—Nothing in this subtitle af-  
2 fects a domestic content procurement preference for a  
3 Federal financial assistance program for infrastructure  
4 that is in effect and that meets the requirements of section  
5 40104.

6 (c) LIMITATION WITH RESPECT TO AGGREGATES.—  
7 In this subtitle—

8 (1) the term “construction materials” shall not  
9 include cement and cementitious materials, aggre-  
10 gates such as stone, sand, or gravel, or aggregate  
11 binding agents or additives; and

12 (2) the standards developed under section  
13 40105(b)(1) shall not include cement and cementi-  
14 tious materials, aggregates such as stone, sand, or  
15 gravel, or aggregate binding agents or additives as  
16 inputs of the construction material.

## 17 **Subtitle B—Make It in America**

### 18 **SEC. 40111. REGULATIONS RELATING TO BUY AMERICAN** 19 **ACT.**

20 (a) IN GENERAL.—Not later than 1 year after the  
21 date of the enactment of this Act, the Director of the Of-  
22 fice of Management and Budget (“Director”), acting  
23 through the Administrator for Federal Procurement Pol-  
24 icy and, in consultation with the Federal Acquisition Reg-  
25 ulatory Council, shall promulgate final regulations or

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1 other policy or management guidance, as appropriate, to  
2 standardize and simplify how Federal agencies comply  
3 with, report on, and enforce the Buy American Act. The  
4 regulations or other policy or management guidance shall  
5 include, at a minimum, the following:

6 (1) Guidelines for Federal agencies to deter-  
7 mine, for the purposes of applying sections 8302(a)  
8 and 8303(b)(3) of title 41, United States Code, the  
9 circumstances under which the acquisition of arti-  
10 cles, materials, or supplies mined, produced, or man-  
11 ufactured in the United States is inconsistent with  
12 the public interest.

13 (2) Guidelines to ensure Federal agencies base  
14 determinations of non-availability on appropriate  
15 considerations, including anticipated project delays  
16 and lack of substitutable articles, materials, and  
17 supplies mined, produced, or manufactured in the  
18 United States, when making determinations of non-  
19 availability under section 8302(a)(1) of title 41,  
20 United States Code.

21 (3)(A) Uniform procedures for each Federal  
22 agency to make publicly available, in an easily iden-  
23 tifiable location on the website of the agency, and  
24 within the following time periods, the following infor-  
25 mation:

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1 (i) A written description of the cir-  
2 cumstances in which the head of the agency  
3 may waive the requirements of the Buy Amer-  
4 ican Act.

5 (ii) Each waiver made by the head of the  
6 agency within 30 days after making such waiv-  
7 er, including a justification with sufficient detail  
8 to explain the basis for the waiver.

9 (B) The procedures established under this para-  
10 graph shall ensure that the head of an agency, in  
11 consultation with the head of the Made in America  
12 Office established under section 40113(a), may limit  
13 the publication of classified information, trade se-  
14 crets, or other information that could damage the  
15 United States.

16 (4) Guidelines for Federal agencies to ensure  
17 that a project is not disaggregated for purposes of  
18 avoiding the applicability of the requirements under  
19 the Buy American Act.

20 (5) An increase to the price preferences for do-  
21 mestic end products and domestic construction ma-  
22 terials.

23 (6) Amending the definitions of “domestic end  
24 product” and “domestic construction material” to

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1 ensure that iron and steel products are, to the great-  
2 est extent possible, made with domestic components.

3 (b) GUIDELINES RELATING TO WAIVERS.—

4 (1) INCONSISTENCY WITH PUBLIC INTEREST.—

5 (A) IN GENERAL.—With respect to the  
6 guidelines developed under subsection (a)(1),  
7 the Administrator shall seek to minimize waiv-  
8 ers related to contract awards that—

9 (i) result in a decrease in employment  
10 in the United States, including employ-  
11 ment among entities that manufacture the  
12 articles, materials, or supplies; or

13 (ii) result in awarding a contract that  
14 would decrease domestic employment.

15 (B) COVERED EMPLOYMENT.—For pur-  
16 poses of subparagraph (A), employment refers  
17 to positions directly involved in the manufacture  
18 of articles, materials, or supplies, and does not  
19 include positions related to management, re-  
20 search and development, or engineering and de-  
21 sign.

22 (2) ASSESSMENT ON USE OF DUMPED OR SUB-  
23 SIDIZED FOREIGN PRODUCTS.—

24 (A) IN GENERAL.—To the extent otherwise  
25 permitted by law, before granting a waiver in

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1 the public interest to the guidelines developed  
2 under subsection (a)(1) with respect to a prod-  
3 uct sourced from a foreign country, a Federal  
4 agency shall assess whether a significant por-  
5 tion of the cost advantage of the product is the  
6 result of the use of dumped steel, iron, or man-  
7 ufactured goods or the use of injuriously sub-  
8 sidized steel, iron, or manufactured goods.

9 (B) CONSULTATION.—The Federal agency  
10 conducting the assessment under subparagraph  
11 (A) shall consult with the International Trade  
12 Administration in making the assessment if the  
13 agency considers such consultation to be help-  
14 ful.

15 (C) USE OF FINDINGS.—The Federal  
16 agency conducting the assessment under sub-  
17 paragraph (A) shall integrate any findings from  
18 the assessment into its waiver determination.

19 (c) SENSE OF CONGRESS ON INCREASING DOMESTIC  
20 CONTENT REQUIREMENTS.—It is the sense of Congress  
21 that the Federal Acquisition Regulatory Council should  
22 amend the Federal Acquisition Regulation to increase the  
23 domestic content requirements for domestic end products  
24 and domestic construction material to 75 percent, or, in  
25 the event of no qualifying offers, 60 percent.



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1 (d) DEFINITION OF END PRODUCT MANUFACTURED  
2 IN THE UNITED STATES.—Not later than 1 year after the  
3 date of the enactment of this Act, the Federal Acquisition  
4 Regulatory Council shall amend part 25 of the Federal  
5 Acquisition Regulation to provide a definition for “end  
6 product manufactured in the United States,” including  
7 guidelines to ensure that manufacturing processes in-  
8 volved in production of the end product occur domestically.

9 **SEC. 40112. AMENDMENTS RELATING TO BUY AMERICAN**  
10 **ACT.**

11 (a) SPECIAL RULES RELATING TO AMERICAN MATE-  
12 RIALS REQUIRED FOR PUBLIC USE.—Section 8302 of title  
13 41, United States Code, is amended by adding at the end  
14 the following new subsection:

15 “(c) SPECIAL RULES.—The following rules apply in  
16 carrying out the provisions of subsection (a):

17 “(1) IRON AND STEEL MANUFACTURED IN THE  
18 UNITED STATES.—For purposes of this section,  
19 manufactured articles, materials, and supplies of  
20 iron and steel are deemed manufactured in the  
21 United States only if all manufacturing processes in-  
22 volved in the production of such iron and steel, from  
23 the initial melting stage through the application of  
24 coatings, occurs in the United States.

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1           “(2) LIMITATION ON EXCEPTION FOR COMMERCIAL-  
2           CIALLY AVAILABLE OFF-THE-SHELF ITEMS.—Not-  
3           withstanding any law or regulation to the contrary,  
4           including section 1907 of this title and the Federal  
5           Acquisition Regulation, the requirements of this sec-  
6           tion apply to all iron and steel articles, materials,  
7           and supplies.”.

8           (b) PRODUCTION OF IRON AND STEEL FOR PUR-  
9           POSES OF CONTRACTS FOR PUBLIC WORKS.—Section  
10          8303 of title 41, United States Code, is amended—

11           (1) by redesignating subsection (c) as sub-  
12          section (d); and

13           (2) by inserting after subsection (b) the fol-  
14          lowing new subsection:

15          “(c) SPECIAL RULES.—

16           “(1) PRODUCTION OF IRON AND STEEL.—For  
17          purposes of this section, manufactured articles, ma-  
18          terials, and supplies of iron and steel are deemed  
19          manufactured in the United States only if all manu-  
20          facturing processes involved in the production of  
21          such iron and steel, from the initial melting stage  
22          through the application of coatings, occurs in the  
23          United States.

24           “(2) LIMITATION ON EXCEPTION FOR COMMERCIAL-  
25          CIALLY AVAILABLE OFF-THE-SHELF ITEMS.—Not-

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1 withstanding any law or regulation to the contrary,  
2 including section 1907 of this title and the Federal  
3 Acquisition Regulation, the requirements of this sec-  
4 tion apply to all iron and steel articles, materials,  
5 and supplies used in contracts described in sub-  
6 section (a).”.

7 (c) ANNUAL REPORT.—Subsection (b) of section  
8 8302 of title 41, United States Code, is amended to read  
9 as follows:

10 “(b) REPORTS.—

11 “(1) IN GENERAL.—Not later than 180 days  
12 after the end of the fiscal year during which the  
13 Build America, Buy America Act is enacted, and an-  
14 nually thereafter for 4 years, the Director of the Of-  
15 fice of Management and Budget, in consultation  
16 with the Administrator of General Services, shall  
17 submit to the Committee on Homeland Security and  
18 Governmental Affairs of the Senate and the Com-  
19 mittee on Oversight and Reform of the House of  
20 Representatives a report on the total amount of ac-  
21 quisitions made by Federal agencies in the relevant  
22 fiscal year of articles, materials, or supplies acquired  
23 from entities that mine, produce, or manufacture the  
24 articles, materials, or supplies outside the United  
25 States.

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1           “(2) EXCEPTION FOR INTELLIGENCE COMMU-  
2           NITY.—This subsection does not apply to acquisi-  
3           tions made by an agency, or component of an agen-  
4           cy, that is an element of the intelligence community  
5           as specified in, or designated under, section 3 of the  
6           National Security Act of 1947 (50 U.S.C. 3003).”.

7           (d) DEFINITION.—Section 8301 of title 41, United  
8           States Code, is amended by adding at the end the fol-  
9           lowing new paragraph:

10           “(3) FEDERAL AGENCY.—The term ‘Federal  
11           agency’ has the meaning given the term ‘executive  
12           agency’ in section 133 of this title.”.

13           (e) CONFORMING AMENDMENTS.—Title 41, United  
14           States Code, is amended—

15           (1) in section 8302(a)—

16           (A) in paragraph (1)—

17           (i) by striking “department or inde-  
18           pendent establishment” and inserting  
19           “Federal agency”; and

20           (ii) by striking “their acquisition to be  
21           inconsistent with the public interest or  
22           their cost to be unreasonable” and insert-  
23           ing “their acquisition to be inconsistent  
24           with the public interest, their cost to be  
25           unreasonable, or that the articles, mate-

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1           rials, or supplies of the class or kind to be  
2           used, or the articles, materials, or supplies  
3           from which they are manufactured, are not  
4           mined, produced, or manufactured in the  
5           United States in sufficient and reasonably  
6           available commercial quantities and of a  
7           satisfactory quality”; and

8           (B) in paragraph (2), by amending sub-  
9           paragraph (B) to read as follows:

10           “(B) to any articles, materials, or supplies  
11           procured pursuant to a reciprocal defense pro-  
12           curement memorandum of understanding (as  
13           described in section 8304 of this title), or a  
14           trade agreement or least developed country des-  
15           ignation described in subpart 25.400 of the  
16           Federal Acquisition Regulation; and”;

17           (2) in section 8303—

18           (A) in subsection (b)—

19           (i) by striking “department or inde-  
20           pendent establishment” each place it ap-  
21           pears and inserting “Federal agency”;

22           (ii) by amending subparagraph (B) of  
23           paragraph (1) to read as follows:

24           “(B) to any articles, materials, or supplies  
25           procured pursuant to a reciprocal defense pro-

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1           curement memorandum of understanding (as  
2           described in section 8304), or a trade agree-  
3           ment or least developed country designation de-  
4           scribed in subpart 25.400 of the Federal Acqui-  
5           sition Regulation; and”;

6                           (iii) in paragraph (3)—

7                                   (I) in the heading, by striking  
8                                   “INCONSISTENT WITH PUBLIC INTER-  
9                                   EST” and inserting “WAIVER AU-  
10                                   THORITY”; and

11                                   (II) by striking “their purchase  
12                                   to be inconsistent with the public in-  
13                                   terest or their cost to be unreason-  
14                                   able” and inserting “their acquisition  
15                                   to be inconsistent with the public in-  
16                                   terest, their cost to be unreasonable,  
17                                   or that the articles, materials, or sup-  
18                                   plies of the class or kind to be used,  
19                                   or the articles, materials, or supplies  
20                                   from which they are manufactured,  
21                                   are not mined, produced, or manufac-  
22                                   tured in the United States in suffi-  
23                                   cient and reasonably available com-  
24                                   mercial quantities and of a satisfac-  
25                                   tory quality”; and

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1 (B) in subsection (d), as redesignated by  
2 subsection (b)(1) of this section, by striking  
3 “department, bureau, agency, or independent  
4 establishment” each place it appears and insert-  
5 ing “Federal agency”.

6 (f) EXCLUSION FROM INFLATION ADJUSTMENT OF  
7 ACQUISITION-RELATED DOLLAR THRESHOLDS.—Sub-  
8 paragraph (A) of section 1908(b)(2) of title 41, United  
9 States Code, is amended by striking “chapter 67” and in-  
10 serting “chapters 67 and 83”.

11 **SEC. 40113. MADE IN AMERICA OFFICE.**

12 (a) ESTABLISHMENT.—The Director of the Office of  
13 Management and Budget shall establish within the Office  
14 of Management and Budget an office to be known as the  
15 “Made in America Office”. The head of the office shall  
16 be appointed by the Director of the Office of Management  
17 and Budget (in this section referred to as the “Made in  
18 America Director”).

19 (b) DUTIES.—The Made in America Director shall  
20 have the following duties:

21 (1) Maximize and enforce compliance with do-  
22 mestic preference statutes.

23 (2) Develop and implement procedures to re-  
24 view waiver requests or inapplicability requests re-  
25 lated to domestic preference statutes.

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1           (3) Prepare the reports required under sub-  
2 sections (c) and (e).

3           (4) Ensure that Federal contracting personnel,  
4 financial assistance personnel, and non-Federal re-  
5 cipients are regularly trained on obligations under  
6 the Buy American Act and other agency-specific do-  
7 mestic preference statutes.

8           (5) Conduct the review of reciprocal defense  
9 agreements required under subsection (d).

10          (6) Ensure that Federal agencies, Federal fi-  
11 nancial assistance recipients, and the Hollings Man-  
12 ufacturing Extension Partnership partner with each  
13 other to promote compliance with domestic pref-  
14 erence statutes.

15          (7) Support executive branch efforts to develop  
16 and sustain a domestic supply base to meet Federal  
17 procurement requirements.

18          (c) OFFICE OF MANAGEMENT AND BUDGET RE-  
19 PORT.—Not later than 1 year after the date of the enact-  
20 ment of this Act, the Director of the Office of Manage-  
21 ment and Budget, working through the Made in America  
22 Director, shall report to the relevant congressional com-  
23 mittees on the extent to which, in each of the three fiscal  
24 years prior to the date of enactment of this Act, articles,  
25 materials, or supplies acquired by the Federal Government



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1 were mined, produced, or manufactured outside the  
2 United States. Such report shall include for each Federal  
3 agency the following:

4 (1) A summary of total procurement funds ex-  
5 pended on articles, materials, and supplies mined,  
6 produced, or manufactured—

7 (A) inside the United States;

8 (B) outside the United States; and

9 (C) outside the United States—

10 (i) under each category of waiver  
11 under the Buy American Act;

12 (ii) under each category of exception  
13 under such chapter; and

14 (iii) for each country that mined, pro-  
15 duced, or manufactured such articles, ma-  
16 terials, and supplies.

17 (2) For each fiscal year covered by the report—

18 (A) the dollar value of any articles, mate-  
19 rials, or supplies that were mined, produced, or  
20 manufactured outside the United States, in the  
21 aggregate and by country;

22 (B) an itemized list of all waivers made  
23 under the Buy American Act with respect to ar-  
24 ticles, materials, or supplies, where available,  
25 and the country where such articles, materials,

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1 or supplies were mined, produced, or manufac-  
2 tured;

3 (C) if any articles, materials, or supplies  
4 were acquired from entities that mine, produce,  
5 or manufacture such articles, materials, or sup-  
6 plies outside the United States due to an excep-  
7 tion (that is not the micro-purchase threshold  
8 exception described under section 8302(a)(2)(C)  
9 of title 41, United States Code), the specific ex-  
10 ception that was used to purchase such articles,  
11 materials, or supplies; and

12 (D) if any articles, materials, or supplies  
13 were acquired from entities that mine, produce,  
14 or manufacture such articles, materials, or sup-  
15 plies outside the United States pursuant to a  
16 reciprocal defense procurement memorandum of  
17 understanding (as described in section 8304 of  
18 title 41, United States Code), or a trade agree-  
19 ment or least developed country designation de-  
20 scribed in subpart 25.400 of the Federal Acqui-  
21 sition Regulation, a citation to such memo-  
22 randum of understanding, trade agreement, or  
23 designation.

24 (3) A description of the methods used by each  
25 Federal agency to calculate the percentage domestic

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1 content of articles, materials, and supplies mined,  
2 produced, or manufactured in the United States.

3 (d) REVIEW OF RECIPROCAL DEFENSE AGREE-  
4 MENTS.—

5 (1) REVIEW OF PROCESS.—Not later than 180  
6 days after the date of the enactment of this Act, the  
7 Made in America Director shall review the Depart-  
8 ment of Defense's use of reciprocal defense agree-  
9 ments to determine if domestic entities have equal  
10 and proportional access and report the findings of  
11 the review to the Director of the Office of Manage-  
12 ment and Budget, the Secretary of Defense, and the  
13 Secretary of State.

14 (2) REVIEW OF RECIPROCAL PROCUREMENT  
15 MEMORANDA OF UNDERSTANDING.—The Made in  
16 America Director shall review reciprocal procure-  
17 ment memoranda of understanding entered into  
18 after the date of the enactment of this Act between  
19 the Department of Defense and its counterparts in  
20 foreign governments to assess whether domestic enti-  
21 ties will have equal and proportional access under  
22 the memoranda of understanding and report the  
23 findings of the review to the Director of the Office  
24 of Management and Budget, the Secretary of De-  
25 fense, and the Secretary of State.

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1 (e) REPORT ON USE OF MADE IN AMERICA LAWS.—  
2 The Made in America Director shall submit to the relevant  
3 congressional committees a summary of each report on the  
4 use of Made in America Laws received by the Made in  
5 America Director pursuant to section 11 of Executive  
6 Order 14005, dated January 25, 2021 (relating to ensur-  
7 ing the future is made in all of America by all of America’s  
8 workers) not later than 90 days after the date of the en-  
9 actment of this Act or receipt of the reports required  
10 under section 11 of such Executive Order, whichever is  
11 later.

12 (f) DOMESTIC PREFERENCE STATUTE DEFINED.—  
13 In this section, the term “domestic preference statute”  
14 means any of the following:

- 15 (1) the Buy American Act;
- 16 (2) a Buy America law (as that term is defined  
17 in section 40106(a));
- 18 (3) the Berry Amendment;
- 19 (4) section 604 of the American Recovery and  
20 Reinvestment Act of 2009 (6 U.S.C. 453b) (com-  
21 monly referred to as the “Kissell amendment”);
- 22 (5) section 2533b of title 10 (commonly re-  
23 ferred to as the “specialty metals clause”);
- 24 (6) laws requiring domestic preference for mari-  
25 time transport, including the Merchant Marine Act,

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1 1920 (Public Law 66–261), commonly known as the  
2 “Jones Act”; and

3 (7) any other law, regulation, rule, or executive  
4 order relating to Federal financial assistance awards  
5 or Federal procurement, that requires, or provides a  
6 preference for, the purchase or acquisition of goods,  
7 products, or materials produced in the United  
8 States, including iron, steel, construction material,  
9 and manufactured goods offered in the United  
10 States.

11 **SEC. 40114. HOLLINGS MANUFACTURING EXTENSION PART-**  
12 **nership ACTIVITIES.**

13 (a) USE OF HOLLINGS MANUFACTURING EXTENSION  
14 PARTNERSHIP TO REFER NEW BUSINESSES TO CON-  
15 TRACTING OPPORTUNITIES.—The head of each Federal  
16 agency shall work with the Director of the Hollings Manu-  
17 facturing Extension Partnership, as necessary, to ensure  
18 businesses participating in this Partnership are aware of  
19 their contracting opportunities.

20 (b) AUTOMATIC ENROLLMENT IN GSA ADVAN-  
21 TAGE!.—The Administrator of the General Services Ad-  
22 ministration and the Secretary of Commerce, acting  
23 through the Under Secretary of Commerce for Standards  
24 and Technology, shall jointly ensure that each business  
25 that participates in the Hollings Manufacturing Extension

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1 Partnership is automatically enrolled in General Services  
2 Administration Advantage!.

3 **SEC. 40115. UNITED STATES OBLIGATIONS UNDER INTER-**  
4 **NATIONAL AGREEMENTS.**

5 This subtitle, and the amendments made by this sub-  
6 title, shall be applied in a manner consistent with United  
7 States obligations under international agreements.

8 **SEC. 40116. DEFINITIONS.**

9 In this subtitle:

10 (1) BERRY AMENDMENT.—The term “Berry  
11 Amendment” means section 2533a of title 10,  
12 United States Code.

13 (2) BUY AMERICAN ACT.—The term “Buy  
14 American Act” means chapter 83 of title 41, United  
15 States Code.

16 (3) FEDERAL AGENCY.—The term “Federal  
17 agency” has the meaning given the term “executive  
18 agency” in section 133 of title 41, United States  
19 Code.

20 (4) RELEVANT CONGRESSIONAL COMMIT-  
21 TEES.—The term “relevant congressional commit-  
22 tees” means—

23 (A) the Committee on Homeland Security  
24 and Governmental Affairs, the Committee on  
25 Commerce, Science, and Transportation, the

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1 Committee on Environment and Public Works,  
2 the Committee on Banking, Housing, and  
3 Urban Affairs, and the Committee on Armed  
4 Services of the Senate; and

5 (B) the Committee on Oversight and Re-  
6 form, the Committee on Armed Services, and  
7 the Committee on Transportation and Infra-  
8 structure of the House of Representatives.

9 (5) WAIVER.—The term “waiver”, with respect  
10 to the acquisition of an article, material, or supply  
11 for public use, means the inapplicability of chapter  
12 83 of title 41, United States Code, to the acquisition  
13 by reason of any of the following determinations  
14 under section 8302(a)(1) or 8303(b) of such title:

15 (A) A determination by the head of the  
16 Federal agency concerned that the acquisition  
17 is inconsistent with the public interest.

18 (B) A determination by the head of the  
19 Federal agency concerned that the cost of the  
20 acquisition is unreasonable.

21 (C) A determination by the head of the  
22 Federal agency concerned that the article, ma-  
23 terial, or supply is not mined, produced, or  
24 manufactured in the United States in sufficient

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1 and reasonably available commercial quantities  
2 of a satisfactory quality.

3 **SEC. 40117. PROSPECTIVE AMENDMENTS TO INTERNAL**  
4 **CROSS-REFERENCES.**

5 (a) SPECIALTY METALS CLAUSE REFERENCE.—Sec-  
6 tion 40113(f)(5) is amended by striking “section 2533b”  
7 and inserting “section 4863”.

8 (b) BERRY AMENDMENT REFERENCE.—Section  
9 40116(1) is amended by striking “section 2533a” and in-  
10 serting “section 4862”.

11 (c) EFFECTIVE DATE.—The amendments made by  
12 this section shall take effect on January 1, 2022.

13 **TITLE II—BUYAMERICAN.GOV**

14 **SEC. 40201. SHORT TITLE.**

15 This title may be cited as the “BuyAmerican.gov Act  
16 of 2021”.

17 **SEC. 40202. DEFINITIONS.**

18 In this title:

19 (1) BUY AMERICAN LAW.—The term “Buy  
20 American law” means any law, regulation, Executive  
21 order, or rule relating to Federal contracts, grants,  
22 or financial assistance that requires or provides a  
23 preference for the purchase or use of goods, prod-  
24 ucts, or materials mined, produced, or manufactured  
25 in the United States, including—



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1 (A) chapter 83 of title 41, United States  
2 Code (commonly referred to as the “Buy Amer-  
3 ican Act”);

4 (B) section 5323(j) of title 49, United  
5 States Code;

6 (C) section 313 of title 23, United States  
7 Code;

8 (D) section 50101 of title 49, United  
9 States Code;

10 (E) section 24405 of title 49, United  
11 States Code;

12 (F) section 608 of the Federal Water Pol-  
13 lution Control Act (33 U.S.C. 1388);

14 (G) section 1452(a)(4) of the Safe Drink-  
15 ing Water Act (42 U.S.C. 300j–12(a)(4));

16 (H) section 5035 of the Water Resources  
17 Reform and Development Act of 2014 (33  
18 U.S.C. 3914);

19 (I) section 2533a of title 10, United States  
20 Code (commonly referred to as the “Berry  
21 Amendment”); and

22 (J) section 2533b of title 10, United  
23 States Code.

24 (2) EXECUTIVE AGENCY.—The term “executive  
25 agency” has the meaning given the term “agency”

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1 in paragraph (1) of section 3502 of title 44, United  
2 States Code, except that it does not include an inde-  
3 pendent regulatory agency, as that term is defined  
4 in paragraph (5) of such section.

5 (3) BUY AMERICAN WAIVER.—The term “Buy  
6 American waiver” refers to an exception to or waiver  
7 of any Buy American law, or the terms and condi-  
8 tions used by an agency in granting an exception to  
9 or waiver from Buy American laws.

10 **SEC. 40203. SENSE OF CONGRESS ON BUYING AMERICAN.**

11 It is the sense of Congress that—

12 (1) every executive agency should maximize,  
13 through terms and conditions of Federal financial  
14 assistance awards and Federal procurements, the  
15 use of goods, products, and materials produced in  
16 the United States and contracts for outsourced gov-  
17 ernment service contracts to be performed by United  
18 States nationals;

19 (2) every executive agency should scrupulously  
20 monitor, enforce, and comply with Buy American  
21 laws, to the extent they apply, and minimize the use  
22 of waivers; and

23 (3) every executive agency should use available  
24 data to routinely audit its compliance with Buy  
25 American laws.

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1 **SEC. 40204. ASSESSMENT OF IMPACT OF FREE TRADE**  
2 **AGREEMENTS.**

3 Not later than 150 days after the date of the enact-  
4 ment of this Act, the Secretary of Commerce, the United  
5 States Trade Representative, and the Director of the Of-  
6 fice of Management and Budget shall assess the impacts  
7 in a publicly available report of all United States free  
8 trade agreements, the World Trade Organization Agree-  
9 ment on Government Procurement, and Federal permit-  
10 ting processes on the operation of Buy American laws, in-  
11 cluding their impacts on the implementation of domestic  
12 procurement preferences.

13 **SEC. 40205. JUDICIOUS USE OF WAIVERS.**

14 (a) **IN GENERAL.**—To the extent permitted by law,  
15 a Buy American waiver that is determined by an agency  
16 head or other relevant official to be in the public interest  
17 shall be construed to ensure the maximum utilization of  
18 goods, products, and materials produced in the United  
19 States.

20 (b) **PUBLIC INTEREST WAIVER DETERMINATIONS.**—  
21 To the extent permitted by law, determination of public  
22 interest waivers shall be made by the head of the agency  
23 with the authority over the Federal financial assistance  
24 award or Federal procurement under consideration.

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1 **SEC. 40206. ESTABLISHMENT OF BUYAMERICAN.GOV**  
2 **WEBSITE.**

3 (a) IN GENERAL.—Not later than one year after the  
4 date of the enactment of this Act, the Administrator of  
5 General Services shall establish an Internet website with  
6 the address BuyAmerican.gov that will be publicly avail-  
7 able and free to access. The website shall include informa-  
8 tion on all waivers of and exceptions to Buy American laws  
9 since the date of the enactment of this Act that have been  
10 requested, are under consideration, or have been granted  
11 by executive agencies and be designed to enable manufac-  
12 turers and other interested parties to easily identify waiv-  
13 ers. The website shall also include the results of routine  
14 audits to determine data errors and Buy American law  
15 violations after the award of a contract. The website shall  
16 provide publicly available contact information for the rel-  
17 evant contracting agencies.

18 (b) UTILIZATION OF EXISTING WEBSITE.—The re-  
19 quirements of subsection (a) may be met by utilizing an  
20 existing website, provided that the address of that website  
21 is BuyAmerican.gov.

22 **SEC. 40207. WAIVER TRANSPARENCY AND STREAMLINING**  
23 **FOR CONTRACTS.**

24 (a) COLLECTION OF INFORMATION.—The Adminis-  
25 trator of General Services, in consultation with the heads  
26 of relevant agencies, shall develop a mechanism to collect

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1 information on requests to invoke a Buy American waiver  
2 for a Federal contract, utilizing existing reporting require-  
3 ments whenever possible, for purposes of providing early  
4 notice of possible waivers via the website established under  
5 section 40206.

6 (b) WAIVER TRANSPARENCY AND STREAMLINING.—

7 (1) REQUIREMENT.—Prior to granting a re-  
8 quest to waive a Buy American law, the head of an  
9 executive agency shall submit a request to invoke a  
10 Buy American waiver to the Administrator of Gen-  
11 eral Services, and the Administrator of General  
12 Services shall make the request available on or  
13 through the public website established under section  
14 40206 for public comment for not less than 15 days.

15 (2) EXCEPTION.—The requirement under para-  
16 graph (1) does not apply to a request for a Buy  
17 American waiver to satisfy an urgent contracting  
18 need in an unforeseen and exigent circumstance.

19 (c) INFORMATION AVAILABLE TO THE EXECUTIVE  
20 AGENCY CONCERNING THE REQUEST.—

21 (1) REQUIREMENT.—No Buy American waiver  
22 for purposes of awarding a contract may be granted  
23 if, in contravention of subsection (b)—

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1 (A) information about the waiver was not  
2 made available on the website under section  
3 40206; or

4 (B) no opportunity for public comment  
5 concerning the request was granted.

6 (2) SCOPE.—Information made available to the  
7 public concerning the request included on the  
8 website described in section 40206 shall properly  
9 and adequately document and justify the statutory  
10 basis cited for the requested waiver. Such informa-  
11 tion shall include—

12 (A) a detailed justification for the use of  
13 goods, products, or materials mined, produced,  
14 or manufactured outside the United States;

15 (B) for requests citing unreasonable cost  
16 as the statutory basis of the waiver, a compari-  
17 son of the cost of the domestic product to the  
18 cost of the foreign product or a comparison of  
19 the overall cost of the project with domestic  
20 products to the overall cost of the project with  
21 foreign-origin products or services, pursuant to  
22 the requirements of the applicable Buy Amer-  
23 ican law, except that publicly available cost  
24 comparison data may be provided in lieu of pro-  
25 prietary pricing information;

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1 (C) for requests citing the public interest  
2 as the statutory basis for the waiver, a detailed  
3 written statement, which shall include all appro-  
4 priate factors, such as potential obligations  
5 under international agreements, justifying why  
6 the requested waiver is in the public interest;  
7 and

8 (D) a certification that the procurement  
9 official or assistance recipient made a good  
10 faith effort to solicit bids for domestic products  
11 supported by terms included in requests for  
12 proposals, contracts, and nonproprietary com-  
13 munications with the prime contractor.

14 (d) NONAVAILABILITY WAIVERS.—

15 (1) IN GENERAL.—Except as provided under  
16 paragraph (2), for a request citing nonavailability as  
17 the statutory basis for a Buy American waiver, an  
18 executive agency shall provide an explanation of the  
19 procurement official's efforts to procure a product  
20 from a domestic source and the reasons why a do-  
21 mestic product was not available from a domestic  
22 source. Those explanations shall be made available  
23 on BuyAmerican.gov prior to the issuance of the  
24 waiver, and the agency shall consider public com-

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1       ments regarding the availability of the product be-  
2       fore making a final determination.

3               (2) EXCEPTION.—An explanation under para-  
4       graph (1) is not required for a product the nonavail-  
5       ability of which is established by law or regulation.

6       **SEC. 40208. COMPTROLLER GENERAL REPORT.**

7       Not later than two years after the date of the enact-  
8       ment of this Act, the Comptroller General of the United  
9       States shall submit to Congress a report describing the  
10      implementation of this title, including recommendations  
11      for any legislation to improve the collection and reporting  
12      of information regarding waivers of and exceptions to Buy  
13      American laws.

14      **SEC. 40209. RULES OF CONSTRUCTION.**

15           (a) DISCLOSURE REQUIREMENTS.—Nothing in this  
16      title shall be construed as preempting, superseding, or oth-  
17      erwise affecting the application of any disclosure require-  
18      ment or requirements otherwise provided by law or regula-  
19      tion.

20           (b) ESTABLISHMENT OF SUCCESSOR INFORMATION  
21      SYSTEMS.—Nothing in this title shall be construed as pre-  
22      venting or otherwise limiting the ability of the Adminis-  
23      trator of General Services to move the data required to  
24      be included on the website established under subsection



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1 (a) to a successor information system. Any such informa-  
2 tion system shall include a reference to BuyAmerican.gov.

3 **SEC. 40210. CONSISTENCY WITH INTERNATIONAL AGREE-**  
4 **MENTS.**

5 This title shall be applied in a manner consistent with  
6 United States obligations under international agreements.

7 **SEC. 40211. PROSPECTIVE AMENDMENTS TO INTERNAL**  
8 **CROSS-REFERENCES.**

9 (a) IN GENERAL.—Section 40202(1) is amended—

10 (1) in subparagraph (I), by striking “section  
11 2533a” and inserting “section 4862”; and

12 (2) in subparagraph (J), by striking “section  
13 2533b” and inserting “section 4863”.

14 (b) EFFECTIVE DATE.—The amendments made by  
15 subsection (a) shall take effect on January 1, 2022.

16 **TITLE III—MAKE PPE IN**  
17 **AMERICA**

18 **SEC. 40301. SHORT TITLE.**

19 This title may be cited as the “Make PPE in America  
20 Act”.

21 **SEC. 40302. FINDINGS.**

22 Congress makes the following findings:

23 (1) The COVID–19 pandemic has exposed the  
24 vulnerability of the United States supply chains for,

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1 and lack of domestic production of, personal protec-  
2 tive equipment (PPE).

3 (2) The United States requires a robust, secure,  
4 and wholly domestic PPE supply chain to safeguard  
5 public health and national security.

6 (3) Issuing a strategy that provides the govern-  
7 ment's anticipated needs over the next three years  
8 will enable suppliers to assess what changes, if any,  
9 are needed in their manufacturing capacity to meet  
10 expected demands.

11 (4) In order to foster a domestic PPE supply  
12 chain, United States industry needs a strong and  
13 consistent demand signal from the Federal Govern-  
14 ment providing the necessary certainty to expand  
15 production capacity investment in the United States.

16 (5) In order to effectively incentivize investment  
17 in the United States and the re-shoring of manufac-  
18 turing, long-term contracts must be no shorter than  
19 three years in duration.

20 (6) To accomplish this aim, the United States  
21 should seek to ensure compliance with its inter-  
22 national obligations, such as its commitments under  
23 the World Trade Organization's Agreement on Gov-  
24 ernment Procurement and its free trade agreements,  
25 including by invoking any relevant exceptions to

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1 those agreements, especially those related to national  
2 security and public health.

3 (7) The United States needs a long-term invest-  
4 ment strategy for the domestic production of PPE  
5 items critical to the United States national response  
6 to a public health crisis, including the COVID-19  
7 pandemic.

8 **SEC. 40303. REQUIREMENT OF LONG-TERM CONTRACTS**  
9 **FOR DOMESTICALLY MANUFACTURED PER-**  
10 **SONAL PROTECTIVE EQUIPMENT.**

11 (a) DEFINITIONS.—In this section:

12 (1) APPROPRIATE CONGRESSIONAL COMMIT-  
13 TEES.—The term “appropriate congressional com-  
14 mittees” means—

15 (A) the Committee on Homeland Security  
16 and Governmental Affairs, the Committee on  
17 Health, Education, Labor, and Pensions, the  
18 Committee on Finance, and the Committee on  
19 Veterans’ Affairs of the Senate; and

20 (B) the Committee on Homeland Security,  
21 the Committee on Oversight and Reform, the  
22 Committee on Energy and Commerce, the Com-  
23 mittee on Ways and Means, and the Committee  
24 on Veterans’ Affairs of the House of Represent-  
25 atives.

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1           (2) COVERED SECRETARY.—The term “covered  
2       Secretary” means the Secretary of Homeland Secu-  
3       rity, the Secretary of Health and Human Services,  
4       and the Secretary of Veterans Affairs.

5           (3) PERSONAL PROTECTIVE EQUIPMENT.—The  
6       term “personal protective equipment” means sur-  
7       gical masks, respirator masks and powered air puri-  
8       fying respirators and required filters, face shields  
9       and protective eyewear, gloves, disposable and reus-  
10      able surgical and isolation gowns, head and foot cov-  
11      erings, and other gear or clothing used to protect an  
12      individual from the transmission of disease.

13          (4) UNITED STATES.—The term “United  
14      States” means the 50 States, the District of Colum-  
15      bia, and the possessions of the United States.

16      (b) CONTRACT REQUIREMENTS FOR DOMESTIC PRO-  
17      DUCTION.—Beginning 90 days after the date of the enact-  
18      ment of this Act, in order to ensure the sustainment and  
19      expansion of personal protective equipment manufacturing  
20      in the United States and meet the needs of the current  
21      pandemic response, any contract for the procurement of  
22      personal protective equipment entered into by a covered  
23      Secretary, or a covered Secretary’s designee, shall—

24           (1) be issued for a duration of at least 2 years,  
25      plus all option periods necessary, to incentivize in-

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1 vestment in the production of personal protective  
2 equipment and the materials and components there-  
3 of in the United States; and

4 (2) be for personal protective equipment, in-  
5 cluding the materials and components thereof, that  
6 is grown, reprocessed, reused, or produced in the  
7 United States.

8 (c) ALTERNATIVES TO DOMESTIC PRODUCTION.—

9 The requirement under subsection (b) shall not apply to  
10 an item of personal protective equipment, or component  
11 or material thereof if, after maximizing to the extent fea-  
12 sible sources consistent with subsection (b), the covered  
13 Secretary—

14 (1) maximizes sources for personal protective  
15 equipment that is assembled outside the United  
16 States containing only materials and components  
17 that are grown, reprocessed, reused, or produced in  
18 the United States; and

19 (2) certifies every 120 days that it is necessary  
20 to procure personal protective equipment under al-  
21 ternative procedures to respond to the immediate  
22 needs of a public health emergency.

23 (d) AVAILABILITY EXCEPTION.—

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1           (1) IN GENERAL.—Subsections (b) and (c) shall  
2 not apply to an item of personal protective equip-  
3 ment, or component or material thereof—

4           (A) that is, or that includes, a material  
5 listed in section 25.104 of the Federal Acquisi-  
6 tion Regulation as one for which a non-avail-  
7 ability determination has been made; or

8           (B) as to which the covered Secretary de-  
9 termines that a sufficient quantity of a satisfac-  
10 tory quality that is grown, reprocessed, reused,  
11 or produced in the United States cannot be pro-  
12 cured as, and when, needed at United States  
13 market prices.

14           (2) CERTIFICATION REQUIREMENT.—The cov-  
15 ered Secretary shall certify every 120 days that the  
16 exception under paragraph (1) is necessary to meet  
17 the immediate needs of a public health emergency.

18 (e) REPORT.—

19           (1) IN GENERAL.—Not later than 180 days  
20 after the date of the enactment of this Act, the Di-  
21 rector of the Office of Management and Budget, in  
22 consultation with the covered Secretaries, shall sub-  
23 mit to the chairs and ranking members of the appro-  
24 priate congressional committees a report on the pro-  
25 curement of personal protective equipment.

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1           (2) ELEMENTS.—The report required under  
2 paragraph (1) shall include the following elements:

3           (A) The United States long-term domestic  
4 procurement strategy for PPE produced in the  
5 United States, including strategies to  
6 incentivize investment in and maintain United  
7 States supply chains for all PPE sufficient to  
8 meet the needs of the United States during a  
9 public health emergency.

10           (B) An estimate of long-term demand  
11 quantities for all PPE items procured by the  
12 United States.

13           (C) Recommendations for congressional ac-  
14 tion required to implement the United States  
15 Government's procurement strategy.

16           (D) A determination whether all notifica-  
17 tions, amendments, and other necessary actions  
18 have been completed to bring the United States  
19 existing international obligations into con-  
20 formity with the statutory requirements of this  
21 title.

22           (f) AUTHORIZATION OF TRANSFER OF EQUIP-  
23 MENT.—

24           (1) IN GENERAL.—A covered Secretary may  
25 transfer to the Strategic National Stockpile estab-

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1 lished under section 319F–2 of the Public Health  
2 Service Act (42 U.S.C. 247d–6b) any excess per-  
3 sonal protective equipment acquired under a con-  
4 tract executed pursuant to subsection (b).

5 (2) TRANSFER OF EQUIPMENT DURING A PUB-  
6 LIC HEALTH EMERGENCY.—

7 (A) AMENDMENT.—Title V of the Home-  
8 land Security Act of 2002 (6 U.S.C. 311 et  
9 seq.) is amended by adding at the end the fol-  
10 lowing:

11 **“SEC. 529. TRANSFER OF EQUIPMENT DURING A PUBLIC**  
12 **HEALTH EMERGENCY.**

13 “(a) AUTHORIZATION OF TRANSFER OF EQUIP-  
14 MENT.—During a public health emergency declared by the  
15 Secretary of Health and Human Services under section  
16 319(a) of the Public Health Service Act (42 U.S.C.  
17 247d(a)), the Secretary, at the request of the Secretary  
18 of Health and Human Services, may transfer to the De-  
19 partment of Health and Human Services, on a reimburs-  
20 able basis, excess personal protective equipment or medi-  
21 cally necessary equipment in the possession of the Depart-  
22 ment.

23 “(b) DETERMINATION BY SECRETARIES.—

24 “(1) IN GENERAL.—In carrying out this sec-  
25 tion—



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1           “(A) before requesting a transfer under  
2 subsection (a), the Secretary of Health and  
3 Human Services shall determine whether the  
4 personal protective equipment or medically nec-  
5 essary equipment is otherwise available; and

6           “(B) before initiating a transfer under  
7 subsection (a), the Secretary, in consultation  
8 with the heads of each component within the  
9 Department, shall—

10           “(i) determine whether the personal  
11 protective equipment or medically nec-  
12 essary equipment requested to be trans-  
13 ferred under subsection (a) is excess equip-  
14 ment; and

15           “(ii) certify that the transfer of the  
16 personal protective equipment or medically  
17 necessary equipment will not adversely im-  
18 pact the health or safety of officers, em-  
19 ployees, or contractors of the Department.

20           “(2) NOTIFICATION.—The Secretary of Health  
21 and Human Services and the Secretary shall each  
22 submit to Congress a notification explaining the de-  
23 termination made under subparagraphs (A) and (B),  
24 respectively, of paragraph (1).

25           “(3) REQUIRED INVENTORY.—

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1 “(A) IN GENERAL.—The Secretary shall—

2 “(i) acting through the Chief Medical  
3 Officer of the Department, maintain an in-  
4 ventory of all personal protective equip-  
5 ment and medically necessary equipment in  
6 the possession of the Department; and

7 “(ii) make the inventory required  
8 under clause (i) available, on a continual  
9 basis, to—

10 “(I) the Secretary of Health and  
11 Human Services; and

12 “(II) the Committee on Appro-  
13 priations and the Committee on  
14 Homeland Security and Governmental  
15 Affairs of the Senate and the Com-  
16 mittee on Appropriations and the  
17 Committee on Homeland Security of  
18 the House of Representatives.

19 “(B) FORM.—Each inventory required to  
20 be made available under subparagraph (A) shall  
21 be submitted in unclassified form, but may in-  
22 clude a classified annex.”.

23 (B) TABLE OF CONTENTS AMENDMENT.—  
24 The table of contents in section 1(b) of the  
25 Homeland Security Act of 2002 (Public Law

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1           107–296; 116 Stat. 2135) is amended by in-  
2           serting after the item relating to section 528  
3           the following:

“Sec. 529. Transfer of equipment during a public health emergency.”.

4           (3) STRATEGIC NATIONAL STOCKPILE.—Section  
5           319F–2(a) of the Public Health Service Act (42  
6           U.S.C. 247d–6b(a)) is amended by adding at the  
7           end the following:

8           “(6) TRANSFERS OF ITEMS.—The Secretary, in  
9           coordination with the Secretary of Homeland Secu-  
10          rity, may sell drugs, vaccines and other biological  
11          products, medical devices, or other supplies main-  
12          tained in the stockpile under paragraph (1) to a  
13          Federal agency or private, nonprofit, State, local,  
14          tribal, or territorial entity for immediate use and  
15          distribution, provided that any such items being sold  
16          are—

17                 “(A) within 1 year of their expiration date;

18                 or

19                 “(B) determined by the Secretary to no  
20          longer be needed in the stockpile due to ad-  
21          vances in medical or technical capabilities.”.

22          (g) COMPLIANCE WITH INTERNATIONAL AGREE-  
23          MENTS.—The President or the President’s designee shall  
24          take all necessary steps, including invoking the rights of  
25          the United States under Article III of the World Trade

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1 Organization’s Agreement on Government Procurement  
2 and the relevant exceptions of other relevant agreements  
3 to which the United States is a party, to ensure that the  
4 international obligations of the United States are con-  
5 sistent with the provisions of this title.

6 **DIVISION E—RESILIENCY**  
7 **TITLE I—CYBERSECURITY**  
8 **Subtitle A—Cyber Response and**  
9 **Recovery Act**

10 **SEC. 50101. SHORT TITLE.**

11 This subtitle may be cited as the “Cyber Response  
12 and Recovery Act”.

13 **SEC. 50102. DECLARATION OF A SIGNIFICANT INCIDENT.**

14 (a) IN GENERAL.—Title XXII of the Homeland Se-  
15 curity Act of 2002 (6 U.S.C. 651 et seq.) is amended by  
16 adding at the end the following:

17 **“Subtitle C—Declaration of a**  
18 **Significant Incident**

19 **“SEC. 2231. SENSE OF CONGRESS.**

20 “It is the sense of Congress that—

21 “(1) the purpose of this subtitle is to authorize  
22 the Secretary to declare that a significant incident  
23 has occurred and to establish the authorities that  
24 are provided under the declaration to respond to and  
25 recover from the significant incident; and

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1           “(2) the authorities established under this sub-  
2 title are intended to enable the Secretary to provide  
3 voluntary assistance to non-Federal entities im-  
4 pacted by a significant incident.

5 **“SEC. 2232. DEFINITIONS.**

6           “For the purposes of this subtitle:

7           “(1) ASSET RESPONSE ACTIVITY.—The term  
8 ‘asset response activity’ means an activity to support  
9 an entity impacted by an incident with the response  
10 to, remediation of, or recovery from, the incident, in-  
11 cluding—

12                   “(A) furnishing technical and advisory as-  
13 sistance to the entity to protect the assets of  
14 the entity, mitigate vulnerabilities, and reduce  
15 the related impacts;

16                   “(B) assessing potential risks to the crit-  
17 ical infrastructure sector or geographic region  
18 impacted by the incident, including potential  
19 cascading effects of the incident on other crit-  
20 ical infrastructure sectors or geographic re-  
21 gions;

22                   “(C) developing courses of action to miti-  
23 gate the risks assessed under subparagraph  
24 (B);

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1           “(D) facilitating information sharing and  
2           operational coordination with entities per-  
3           forming threat response activities; and

4           “(E) providing guidance on how best to  
5           use Federal resources and capabilities in a  
6           timely, effective manner to speed recovery from  
7           the incident.

8           “(2) DECLARATION.—The term ‘declaration’  
9           means a declaration of the Secretary under section  
10          2233(a)(1).

11          “(3) DIRECTOR.—The term ‘Director’ means  
12          the Director of the Cybersecurity and Infrastructure  
13          Security Agency.

14          “(4) FEDERAL AGENCY.—The term ‘Federal  
15          agency’ has the meaning given the term ‘agency’ in  
16          section 3502 of title 44, United States Code.

17          “(5) FUND.—The term ‘Fund’ means the  
18          Cyber Response and Recovery Fund established  
19          under section 2234(a).

20          “(6) INCIDENT.—The term ‘incident’ has the  
21          meaning given the term in section 3552 of title 44,  
22          United States Code.

23          “(7) RENEWAL.—The term ‘renewal’ means a  
24          renewal of a declaration under section 2233(d).

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1           “(8) SIGNIFICANT INCIDENT.—The term ‘sig-  
2           nificant incident’—

3           “(A) means an incident or a group of re-  
4           lated incidents that results, or is likely to re-  
5           sult, in demonstrable harm to—

6           “(i) the national security interests,  
7           foreign relations, or economy of the United  
8           States; or

9           “(ii) the public confidence, civil lib-  
10          erties, or public health and safety of the  
11          people of the United States; and

12          “(B) does not include an incident or a por-  
13          tion of a group of related incidents that occurs  
14          on—

15          “(i) a national security system (as de-  
16          fined in section 3552 of title 44, United  
17          States Code); or

18          “(ii) an information system described  
19          in paragraph (2) or (3) of section 3553(e)  
20          of title 44, United States Code.

21   **“SEC. 2233. DECLARATION.**

22          “(a) IN GENERAL.—

23          “(1) DECLARATION.—The Secretary, in con-  
24          sultation with the National Cyber Director, may  
25          make a declaration of a significant incident in ac-

1 cordance with this section for the purpose of ena-  
2 bling the activities described in this subtitle if the  
3 Secretary determines that—

4 “(A) a specific significant incident—

5 “(i) has occurred; or

6 “(ii) is likely to occur imminently; and

7 “(B) otherwise available resources, other  
8 than the Fund, are likely insufficient to respond  
9 effectively to, or to mitigate effectively, the spe-  
10 cific significant incident described in subpara-  
11 graph (A).

12 “(2) PROHIBITION ON DELEGATION.—The Sec-  
13 retary may not delegate the authority provided to  
14 the Secretary under paragraph (1).

15 “(b) ASSET RESPONSE ACTIVITIES.—Upon a dec-  
16 laration, the Director shall coordinate—

17 “(1) the asset response activities of each Fed-  
18 eral agency in response to the specific significant in-  
19 cident associated with the declaration; and

20 “(2) with appropriate entities, which may in-  
21 clude—

22 “(A) public and private entities and State  
23 and local governments with respect to the asset  
24 response activities of those entities and govern-  
25 ments; and



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1           “(B) Federal, State, local, and Tribal law  
2           enforcement agencies with respect to investiga-  
3           tions and threat response activities of those law  
4           enforcement agencies; and

5           “(3) Federal, State, local, and Tribal emer-  
6           gency management and response agencies.

7           “(c) DURATION.—Subject to subsection (d), a dec-  
8           laration shall terminate upon the earlier of—

9           “(1) a determination by the Secretary that the  
10          declaration is no longer necessary; or

11          “(2) the expiration of the 120-day period begin-  
12          ning on the date on which the Secretary makes the  
13          declaration.

14          “(d) RENEWAL.—The Secretary, without delegation,  
15          may renew a declaration as necessary.

16          “(e) PUBLICATION.—

17          “(1) IN GENERAL.—Not later than 72 hours  
18          after a declaration or a renewal, the Secretary shall  
19          publish the declaration or renewal in the Federal  
20          Register.

21          “(2) PROHIBITION.—A declaration or renewal  
22          published under paragraph (1) may not include the  
23          name of any affected individual or private company.

24          “(f) ADVANCE ACTIONS.—

25          “(1) IN GENERAL.—The Secretary—

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1           “(A) shall assess the resources available to  
2           respond to a potential declaration; and

3           “(B) may take actions before and while a  
4           declaration is in effect to arrange or procure  
5           additional resources for asset response activities  
6           or technical assistance the Secretary determines  
7           necessary, which may include entering into  
8           standby contracts with private entities for cy-  
9           bersecurity services or incident responders in  
10          the event of a declaration.

11          “(2) EXPENDITURE OF FUNDS.—Any expendi-  
12          ture from the Fund for the purpose of paragraph  
13          (1)(B) shall be made from amounts available in the  
14          Fund, and amounts available in the Fund shall be  
15          in addition to any other appropriations available to  
16          the Cybersecurity and Infrastructure Security Agen-  
17          cy for such purpose.

18          **“SEC. 2234. CYBER RESPONSE AND RECOVERY FUND.**

19          “(a) IN GENERAL.—There is established a Cyber Re-  
20          sponse and Recovery Fund, which shall be available for—

21                 “(1) the coordination of activities described in  
22                 section 2233(b);

23                 “(2) response and recovery support for the spe-  
24                 cific significant incident associated with a declara-  
25                 tion to Federal, State, local, and Tribal, entities and

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1 public and private entities on a reimbursable or non-  
2 reimbursable basis, including through asset response  
3 activities and technical assistance, such as—

4 “(A) vulnerability assessments and mitiga-  
5 tion;

6 “(B) technical incident mitigation;

7 “(C) malware analysis;

8 “(D) analytic support;

9 “(E) threat detection and hunting; and

10 “(F) network protections;

11 “(3) as the Director determines appropriate,  
12 grants for, or cooperative agreements with, Federal,  
13 State, local, and Tribal public and private entities to  
14 respond to, and recover from, the specific significant  
15 incident associated with a declaration, such as—

16 “(A) hardware or software to replace, up-  
17 date, improve, harden, or enhance the  
18 functionality of existing hardware, software, or  
19 systems; and

20 “(B) technical contract personnel support;  
21 and

22 “(4) advance actions taken by the Secretary  
23 under section 2233(f)(1)(B).

24 “(b) DEPOSITS AND EXPENDITURES.—

1           “(1) IN GENERAL.—Amounts shall be deposited  
2           into the Fund from—

3                   “(A) appropriations to the Fund for activi-  
4                   ties of the Fund; and

5                   “(B) reimbursement from Federal agencies  
6                   for the activities described in paragraphs (1),  
7                   (2), and (4) of subsection (a), which shall only  
8                   be from amounts made available in advance in  
9                   appropriations Acts for such reimbursement.

10           “(2) EXPENDITURES.—Any expenditure from  
11           the Fund for the purposes of this subtitle shall be  
12           made from amounts available in the Fund from a  
13           deposit described in paragraph (1), and amounts  
14           available in the Fund shall be in addition to any  
15           other appropriations available to the Cybersecurity  
16           and Infrastructure Security Agency for such pur-  
17           poses.

18           “(c) SUPPLEMENT NOT SUPPLANT.—Amounts in the  
19           Fund shall be used to supplement, not supplant, other  
20           Federal, State, local, or Tribal funding for activities in  
21           response to a declaration.

22           “(d) REPORTING.—The Secretary shall require an  
23           entity that receives amounts from the Fund to submit a  
24           report to the Secretary that details the specific use of the  
25           amounts.

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1 **“SEC. 2235. NOTIFICATION AND REPORTING.**

2 “(a) NOTIFICATION.—Upon a declaration or renewal,  
3 the Secretary shall immediately notify the National Cyber  
4 Director and appropriate congressional committees and in-  
5 clude in the notification—

6 “(1) an estimation of the planned duration of  
7 the declaration;

8 “(2) with respect to a notification of a declara-  
9 tion, the reason for the declaration, including infor-  
10 mation relating to the specific significant incident or  
11 imminent specific significant incident, including—

12 “(A) the operational or mission impact or  
13 anticipated impact of the specific significant in-  
14 cident on Federal and non-Federal entities;

15 “(B) if known, the perpetrator of the spe-  
16 cific significant incident; and

17 “(C) the scope of the Federal and non-  
18 Federal entities impacted or anticipated to be  
19 impacted by the specific significant incident;

20 “(3) with respect to a notification of a renewal,  
21 the reason for the renewal;

22 “(4) justification as to why available resources,  
23 other than the Fund, are insufficient to respond to  
24 or mitigate the specific significant incident; and

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1           “(5) a description of the coordination activities  
2 described in section 2233(b) that the Secretary an-  
3 ticipates the Director to perform.

4           “(b) REPORT TO CONGRESS.—Not later than 180  
5 days after the date of a declaration or renewal, the Sec-  
6 retary shall submit to the appropriate congressional com-  
7 mittees a report that includes—

8           “(1) the reason for the declaration or renewal,  
9 including information and intelligence relating to the  
10 specific significant incident that led to the declara-  
11 tion or renewal;

12           “(2) the use of any funds from the Fund for  
13 the purpose of responding to the incident or threat  
14 described in paragraph (1);

15           “(3) a description of the actions, initiatives, and  
16 projects undertaken by the Department and State  
17 and local governments and public and private enti-  
18 ties in responding to and recovering from the spe-  
19 cific significant incident described in paragraph (1);

20           “(4) an accounting of the specific obligations  
21 and outlays of the Fund; and

22           “(5) an analysis of—

23           “(A) the impact of the specific significant  
24 incident described in paragraph (1) on Federal  
25 and non-Federal entities;

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1           “(B) the impact of the declaration or re-  
2           newal on the response to, and recovery from,  
3           the specific significant incident described in  
4           paragraph (1); and

5           “(C) the impact of the funds made avail-  
6           able from the Fund as a result of the declara-  
7           tion or renewal on the recovery from, and re-  
8           sponse to, the specific significant incident de-  
9           scribed in paragraph (1).

10          “(c) CLASSIFICATION.—Each notification made  
11          under subsection (a) and each report submitted under sub-  
12          section (b)—

13                 “(1) shall be in an unclassified form with ap-  
14                 propriate markings to indicate information that is  
15                 exempt from disclosure under section 552 of title 5,  
16                 United States Code (commonly known as the ‘Free-  
17                 dom of Information Act’); and

18                 “(2) may include a classified annex.

19          “(d) CONSOLIDATED REPORT.—The Secretary shall  
20          not be required to submit multiple reports under sub-  
21          section (b) for multiple declarations or renewals if the Sec-  
22          retary determines that the declarations or renewals sub-  
23          stantively relate to the same specific significant incident.

24          “(e) EXEMPTION.—The requirements of subchapter  
25          I of chapter 35 of title 44 (commonly known as the ‘Pa-

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1 perwork Reduction Act’) shall not apply to the voluntary  
2 collection of information by the Department during an in-  
3 vestigation of, a response to, or an immediate post-re-  
4 sponse review of, the specific significant incident leading  
5 to a declaration or renewal.

6 **“SEC. 2236. RULE OF CONSTRUCTION.**

7 “Nothing in this subtitle shall be construed to impair  
8 or limit the ability of the Director to carry out the author-  
9 ized activities of the Cybersecurity and Infrastructure Se-  
10 curity Agency.

11 **“SEC. 2237. AUTHORIZATION OF APPROPRIATIONS.**

12 “There are authorized to be appropriated to the Fund  
13 \$20,000,000 for fiscal year 2022 and each fiscal year  
14 thereafter until September 30, 2028, which shall remain  
15 available until September 30, 2028.

16 **“SEC. 2238. SUNSET.**

17 “The authorities granted to the Secretary or the Di-  
18 rector under this subtitle shall expire on the date that is  
19 7 years after the date of enactment of this subtitle.”.

20 (b) CLERICAL AMENDMENT.—The table of contents  
21 in section 1(b) of the Homeland Security Act of 2002  
22 (Public Law 107–296; 116 Stat. 2135) is amended by  
23 adding at the end the following:

“Subtitle C—Declaration of a Significant Incident

“Sec. 2231. Sense of congress.

“Sec. 2232. Definitions.

“Sec. 2233. Declaration.



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“Sec. 2234. Cyber response and recovery fund.

“Sec. 2235. Notification and reporting.

“Sec. 2236. Rule of construction.

“Sec. 2237. Authorization of appropriations.

“Sec. 2238. Sunset.”.

1           **Subtitle B—State and Local**  
2           **Cybersecurity Improvement Act**

3   **SEC. 50111. SHORT TITLE.**

4           This subtitle may be cited as the “State and Local  
5 Cybersecurity Improvement Act”.

6   **SEC. 50112. STATE AND LOCAL CYBERSECURITY GRANT**  
7           **PROGRAM.**

8           (a) IN GENERAL.—Subtitle A of title XXII of the  
9 Homeland Security Act of 2002 (6 U.S.C. 651 et seq.)  
10 is amended by adding at the end the following:

11   **“SEC. 2218. STATE AND LOCAL CYBERSECURITY GRANT**  
12           **PROGRAM.**

13           “(a) DEFINITIONS.—In this section:

14                   “(1) APPROPRIATE COMMITTEES OF CON-  
15 GRESS.—The term ‘appropriate committees of Con-  
16 gress’ means—

17                           “(A) the Committee on Homeland Security  
18 and Governmental Affairs of the Senate; and

19                           “(B) the Committee on Homeland Security  
20 of the House of Representatives.

21                   “(2) CYBER THREAT INDICATOR.—The term  
22 ‘cyber threat indicator’ has the meaning given the

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1 term in section 102 of the Cybersecurity Act of 2015  
2 (6 U.S.C. 1501).

3 “(3) CYBERSECURITY PLAN.—The term ‘Cyber-  
4 security Plan’ means a plan submitted by an eligible  
5 entity under subsection (e)(1).

6 “(4) ELIGIBLE ENTITY.—The term ‘eligible en-  
7 tity’ means a—

8 “(A) State; or

9 “(B) Tribal government.

10 “(5) INCIDENT.—The term ‘incident’ has the  
11 meaning given the term in section 2209.

12 “(6) INFORMATION SHARING AND ANALYSIS OR-  
13 GANIZATION.—The term ‘information sharing and  
14 analysis organization’ has the meaning given the  
15 term in section 2222.

16 “(7) INFORMATION SYSTEM.—The term ‘infor-  
17 mation system’ has the meaning given the term in  
18 section 102 of the Cybersecurity Act of 2015 (6  
19 U.S.C. 1501).

20 “(8) MULTI-ENTITY GROUP.—The term ‘multi-  
21 entity group’ means a group of 2 or more eligible  
22 entities desiring a grant under this section.

23 “(9) ONLINE SERVICE.—The term ‘online serv-  
24 ice’ means any internet-facing service, including a

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1 website, email, virtual private network, or custom  
2 application.

3 “(10) RURAL AREA.—The term ‘rural area’ has  
4 the meaning given the term in section 5302 of title  
5 49, United States Code.

6 “(11) STATE AND LOCAL CYBERSECURITY  
7 GRANT PROGRAM.—The term ‘State and Local Cy-  
8 bersecurity Grant Program’ means the program es-  
9 tablished under subsection (b).

10 “(12) TRIBAL GOVERNMENT.—The term ‘Tribal  
11 government’ means the recognized governing body of  
12 any Indian or Alaska Native Tribe, band, nation,  
13 pueblo, village, community, component band, or com-  
14 ponent reservation, that is individually identified (in-  
15 cluding parenthetically) in the most recent list pub-  
16 lished pursuant to Section 104 of the Federally Rec-  
17 ognized Indian Tribe List Act of 1994 (25 U.S.C.  
18 5131).

19 “(b) ESTABLISHMENT.—

20 “(1) IN GENERAL.—There is established within  
21 the Department a program to award grants to eligi-  
22 ble entities to address cybersecurity risks and cyber-  
23 security threats to information systems owned or op-  
24 erated by, or on behalf of, State, local, or Tribal  
25 governments.

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1           “(2) APPLICATION.—An eligible entity desiring  
2           a grant under the State and Local Cybersecurity  
3           Grant Program shall submit to the Secretary an ap-  
4           plication at such time, in such manner, and con-  
5           taining such information as the Secretary may re-  
6           quire.

7           “(c) ADMINISTRATION.—The State and Local Cyber-  
8           security Grant Program shall be administered in the same  
9           office of the Department that administers grants made  
10          under sections 2003 and 2004.

11          “(d) USE OF FUNDS.—An eligible entity that receives  
12          a grant under this section and a local government that  
13          receives funds from a grant under this section, as appro-  
14          priate, shall use the grant to—

15               “(1) implement the Cybersecurity Plan of the  
16               eligible entity;

17               “(2) develop or revise the Cybersecurity Plan of  
18               the eligible entity;

19               “(3) pay expenses directly relating to the ad-  
20               ministration of the grant, which shall not exceed 5  
21               percent of the amount of the grant;

22               “(4) assist with activities that address immi-  
23               nent cybersecurity threats, as confirmed by the Sec-  
24               retary, acting through the Director, to the informa-  
25               tion systems owned or operated by, or on behalf of,

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1 the eligible entity or a local government within the  
2 jurisdiction of the eligible entity; or

3 “(5) fund any other appropriate activity deter-  
4 mined by the Secretary, acting through the Director.

5 “(e) CYBERSECURITY PLANS.—

6 “(1) IN GENERAL.—An eligible entity applying  
7 for a grant under this section shall submit to the  
8 Secretary a Cybersecurity Plan for review in accord-  
9 ance with subsection (i).

10 “(2) REQUIRED ELEMENTS.—A Cybersecurity  
11 Plan of an eligible entity shall—

12 “(A) incorporate, to the extent prac-  
13 ticable—

14 “(i) any existing plans of the eligible  
15 entity to protect against cybersecurity risks  
16 and cybersecurity threats to information  
17 systems owned or operated by, or on behalf  
18 of, State, local, or Tribal governments; and

19 “(ii) if the eligible entity is a State,  
20 consultation and feedback from local gov-  
21 ernments and associations of local govern-  
22 ments within the jurisdiction of the eligible  
23 entity;

24 “(B) describe, to the extent practicable,  
25 how the eligible entity will—

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1           “(i) manage, monitor, and track infor-  
2 mation systems, applications, and user ac-  
3 counts owned or operated by, or on behalf  
4 of, the eligible entity or, if the eligible enti-  
5 ty is a State, local governments within the  
6 jurisdiction of the eligible entity, and the  
7 information technology deployed on those  
8 information systems, including legacy in-  
9 formation systems and information tech-  
10 nology that are no longer supported by the  
11 manufacturer of the systems or technology;

12           “(ii) monitor, audit, and, track net-  
13 work traffic and activity transiting or trav-  
14 eling to or from information systems, ap-  
15 plications, and user accounts owned or op-  
16 erated by, or on behalf of, the eligible enti-  
17 ty or, if the eligible entity is a State, local  
18 governments within the jurisdiction of the  
19 eligible entity;

20           “(iii) enhance the preparation, re-  
21 sponse, and resiliency of information sys-  
22 tems, applications, and user accounts  
23 owned or operated by, or on behalf of, the  
24 eligible entity or, if the eligible entity is a  
25 State, local governments within the juris-

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1 diction of the eligible entity, against cyber-  
2 security risks and cybersecurity threats;

3 “(iv) implement a process of contin-  
4 uous cybersecurity vulnerability assess-  
5 ments and threat mitigation practices  
6 prioritized by degree of risk to address cy-  
7 bersecurity risks and cybersecurity threats  
8 on information systems, applications, and  
9 user accounts owned or operated by, or on  
10 behalf of, the eligible entity or, if the eligi-  
11 ble entity is a State, local governments  
12 within the jurisdiction of the eligible entity;

13 “(v) ensure that the eligible entity  
14 and, if the eligible entity is a State, local  
15 governments within the jurisdiction of the  
16 eligible entity, adopt and use best practices  
17 and methodologies to enhance cybersecu-  
18 rity, such as—

19 “(I) the practices set forth in the  
20 cybersecurity framework developed by  
21 the National Institute of Standards  
22 and Technology;

23 “(II) cyber chain supply chain  
24 risk management best practices iden-

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1                   tified by the National Institute of  
2                   Standards and Technology; and

3                   “(III) knowledge bases of adver-  
4                   sary tools and tactics;

5                   “(vi) promote the delivery of safe, rec-  
6                   ognizable, and trustworthy online services  
7                   by the eligible entity and, if the eligible en-  
8                   tity is a State, local governments within  
9                   the jurisdiction of the eligible entity, in-  
10                  cluding through the use of the .gov inter-  
11                  net domain;

12                  “(vii) ensure continuity of operations  
13                  of the eligible entity and, if the eligible en-  
14                  tity is a State, local governments within  
15                  the jurisdiction of the eligible entity, in the  
16                  event of a cybersecurity incident, including  
17                  by conducting exercises to practice re-  
18                  sponding to a cybersecurity incident;

19                  “(viii) use the National Initiative for  
20                  Cybersecurity Education Workforce  
21                  Framework for Cybersecurity developed by  
22                  the National Institute of Standards and  
23                  Technology to identify and mitigate any  
24                  gaps in the cybersecurity workforces of the  
25                  eligible entity and, if the eligible entity is



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1 a State, local governments within the juris-  
2 diction of the eligible entity, enhance re-  
3 cruitment and retention efforts for those  
4 workforces, and bolster the knowledge,  
5 skills, and abilities of personnel of the eli-  
6 gible entity and, if the eligible entity is a  
7 State, local governments within the juris-  
8 diction of the eligible entity, to address cy-  
9 bersecurity risks and cybersecurity threats,  
10 such as through cybersecurity hygiene  
11 training;

12 “(ix) if the eligible entity is a State,  
13 ensure continuity of communications and  
14 data networks within the jurisdiction of the  
15 eligible entity between the eligible entity  
16 and local governments within the jurisdic-  
17 tion of the eligible entity in the event of an  
18 incident involving those communications or  
19 data networks;

20 “(x) assess and mitigate, to the great-  
21 est degree possible, cybersecurity risks and  
22 cybersecurity threats relating to critical in-  
23 frastructure and key resources, the deg-  
24 radation of which may impact the perform-



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1 tions of local governments within the  
2 jurisdiction of the eligible entity; and

3 “(II) as applicable—

4 “(aa) eligible entities that  
5 neighbor the jurisdiction of the  
6 eligible entity or, as appropriate,  
7 members of an information shar-  
8 ing and analysis organization;  
9 and

10 “(bb) countries that neigh-  
11 bor the jurisdiction of the eligible  
12 entity;

13 “(xv) ensure adequate access to, and  
14 participation in, the services and programs  
15 described in this subparagraph by rural  
16 areas within the jurisdiction of the eligible  
17 entity; and

18 “(xvi) distribute funds, items, serv-  
19 ices, capabilities, or activities to local gov-  
20 ernments under subsection (n)(2)(A), in-  
21 cluding the fraction of that distribution the  
22 eligible entity plans to distribute to rural  
23 areas under subsection (n)(2)(B);

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1           “(C) assess the capabilities of the eligible  
2 entity relating to the actions described in sub-  
3 paragraph (B);

4           “(D) describe, as appropriate and to the  
5 extent practicable, the individual responsibilities  
6 of the eligible entity and local governments  
7 within the jurisdiction of the eligible entity in  
8 implementing the plan;

9           “(E) outline, to the extent practicable, the  
10 necessary resources and a timeline for imple-  
11 menting the plan; and

12           “(F) describe the metrics the eligible entity  
13 will use to measure progress towards—

14           “(i) implementing the plan; and

15           “(ii) reducing cybersecurity risks to,  
16 and identifying, responding to, and recov-  
17 ering from cybersecurity threats to, infor-  
18 mation systems owned or operated by, or  
19 on behalf of, the eligible entity or, if the el-  
20 ible entity is a State, local governments  
21 within the jurisdiction of the eligible entity.

22           “(3) DISCRETIONARY ELEMENTS.—In drafting  
23 a Cybersecurity Plan, an eligible entity may—

24           “(A) consult with the Multi-State Informa-  
25 tion Sharing and Analysis Center;

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1           “(B) include a description of cooperative  
2 programs developed by groups of local govern-  
3 ments within the jurisdiction of the eligible en-  
4 tity to address cybersecurity risks and cyberse-  
5 curity threats; and

6           “(C) include a description of programs  
7 provided by the eligible entity to support local  
8 governments and owners and operators of crit-  
9 ical infrastructure to address cybersecurity  
10 risks and cybersecurity threats.

11       “(f) MULTI-ENTITY GRANTS.—

12           “(1) IN GENERAL.—The Secretary may award  
13 grants under this section to a multi-entity group to  
14 support multi-entity efforts to address cybersecurity  
15 risks and cybersecurity threats to information sys-  
16 tems within the jurisdictions of the eligible entities  
17 that comprise the multi-entity group.

18           “(2) SATISFACTION OF OTHER REQUIRE-  
19 MENTS.—In order to be eligible for a multi-entity  
20 grant under this subsection, each eligible entity that  
21 comprises a multi-entity group shall have—

22           “(A) a Cybersecurity Plan that has been  
23 reviewed by the Secretary in accordance with  
24 subsection (i); and

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1           “(B) a cybersecurity planning committee  
2 established in accordance with subsection (g).

3           “(3) APPLICATION.—

4           “(A) IN GENERAL.—A multi-entity group  
5 applying for a multi-entity grant under para-  
6 graph (1) shall submit to the Secretary an ap-  
7 plication at such time, in such manner, and  
8 containing such information as the Secretary  
9 may require.

10           “(B) MULTI-ENTITY PROJECT PLAN.—An  
11 application for a grant under this section of a  
12 multi-entity group under subparagraph (A)  
13 shall include a plan describing—

14           “(i) the division of responsibilities  
15 among the eligible entities that comprise  
16 the multi-entity group;

17           “(ii) the distribution of funding from  
18 the grant among the eligible entities that  
19 comprise the multi-entity group; and

20           “(iii) how the eligible entities that  
21 comprise the multi-entity group will work  
22 together to implement the Cybersecurity  
23 Plan of each of those eligible entities.

24           “(g) PLANNING COMMITTEES.—

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1           “(1) IN GENERAL.—An eligible entity that re-  
2           ceives a grant under this section shall establish a cy-  
3           bersecurity planning committee to—

4                   “(A) assist with the development, imple-  
5                   mentation, and revision of the Cybersecurity  
6                   Plan of the eligible entity;

7                   “(B) approve the Cybersecurity Plan of the  
8                   eligible entity; and

9                   “(C) assist with the determination of effec-  
10                  tive funding priorities for a grant under this  
11                  section in accordance with subsections (d) and  
12                  (j).

13           “(2) COMPOSITION.—A committee of an eligible  
14           entity established under paragraph (1) shall—

15                   “(A) be comprised of representatives  
16                   from—

17                           “(i) the eligible entity;

18                           “(ii) if the eligible entity is a State,  
19                           counties, cities, and towns within the juris-  
20                           diction of the eligible entity; and

21                           “(iii) institutions of public education  
22                           and health within the jurisdiction of the el-  
23                           igible entity; and

1           “(B) include, as appropriate, representa-  
2           tives of rural, suburban, and high-population  
3           jurisdictions.

4           “(3) CYBERSECURITY EXPERTISE.—Not less  
5           than one-half of the representatives of a committee  
6           established under paragraph (1) shall have profes-  
7           sional experience relating to cybersecurity or infor-  
8           mation technology.

9           “(4) RULE OF CONSTRUCTION REGARDING EX-  
10          ISTING PLANNING COMMITTEES.—Nothing in this  
11          subsection shall be construed to require an eligible  
12          entity to establish a cybersecurity planning com-  
13          mittee if the eligible entity has established and uses  
14          a multijurisdictional planning committee or commis-  
15          sion that—

16                 “(A) meets the requirements of this sub-  
17                 section; or

18                 “(B) may be expanded or leveraged to  
19                 meet the requirements of this subsection, in-  
20                 cluding through the formation of a cybersecu-  
21                 rity planning subcommittee.

22           “(5) RULE OF CONSTRUCTION REGARDING CON-  
23          TROL OF INFORMATION SYSTEMS OF ELIGIBLE ENTI-  
24          TIES.—Nothing in this subsection shall be construed  
25          to permit a cybersecurity planning committee of an



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1 eligible entity that meets the requirements of this  
2 subsection to make decisions relating to information  
3 systems owned or operated by, or on behalf of, the  
4 eligible entity.

5 “(h) SPECIAL RULE FOR TRIBAL GOVERNMENTS.—

6 With respect to any requirement under subsection (e) or  
7 (g), the Secretary, in consultation with the Secretary of  
8 the Interior and Tribal governments, may prescribe an al-  
9 ternative substantively similar requirement for Tribal gov-  
10 ernments if the Secretary finds that the alternative re-  
11 quirement is necessary for the effective delivery and ad-  
12 ministration of grants to Tribal governments under this  
13 section.

14 “(i) REVIEW OF PLANS.—

15 “(1) REVIEW AS CONDITION OF GRANT.—

16 “(A) IN GENERAL.—Subject to paragraph  
17 (3), before an eligible entity may receive a  
18 grant under this section, the Secretary, acting  
19 through the Director, shall—

20 “(i) review the Cybersecurity Plan of  
21 the eligible entity, including any revised  
22 Cybersecurity Plans of the eligible entity;  
23 and

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1 “(ii) determine that the Cybersecurity  
2 Plan reviewed under clause (i) satisfies the  
3 requirements under paragraph (2).

4 “(B) DURATION OF DETERMINATION.—In  
5 the case of a determination under subparagraph  
6 (A)(ii) that a Cybersecurity Plan satisfies the  
7 requirements under paragraph (2), the deter-  
8 mination shall be effective for the 2-year period  
9 beginning on the date of the determination.

10 “(C) ANNUAL RENEWAL.—Not later than  
11 2 years after the date on which the Secretary  
12 determines under subparagraph (A)(ii) that a  
13 Cybersecurity Plan satisfies the requirements  
14 under paragraph (2), and annually thereafter,  
15 the Secretary, acting through the Director,  
16 shall—

17 “(i) determine whether the Cybersecu-  
18 rity Plan and any revisions continue to  
19 meet the criteria described in paragraph  
20 (2); and

21 “(ii) renew the determination if the  
22 Secretary, acting through the Director,  
23 makes a positive determination under  
24 clause (i).

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1           “(2) PLAN REQUIREMENTS.—In reviewing a  
2           Cybersecurity Plan of an eligible entity under this  
3           subsection, the Secretary, acting through the Direc-  
4           tor, shall ensure that the Cybersecurity Plan—

5                   “(A) satisfies the requirements of sub-  
6                   section (e)(2); and

7                   “(B) has been approved by—

8                           “(i) the cybersecurity planning com-  
9                           mittee of the eligible entity established  
10                          under subsection (g); and

11                           “(ii) the Chief Information Officer,  
12                           the Chief Information Security Officer, or  
13                           an equivalent official of the eligible entity.

14           “(3) EXCEPTION.—Notwithstanding subsection  
15           (e) and paragraph (1) of this subsection, the Sec-  
16           retary may award a grant under this section to an  
17           eligible entity that does not submit a Cybersecurity  
18           Plan to the Secretary for review before September  
19           30, 2023, if the eligible entity certifies to the Sec-  
20           retary that—

21                   “(A) the activities that will be supported  
22                   by the grant are—

23                           “(i) integral to the development of the  
24                          Cybersecurity Plan of the eligible entity; or

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1                   “(ii) necessary to assist with activities  
2                   described in subsection (d)(4), as con-  
3                   firmed by the Director; and

4                   “(B) the eligible entity will submit to the  
5                   Secretary a Cybersecurity Plan for review under  
6                   this subsection by September 30, 2023.

7                   “(4) RULE OF CONSTRUCTION.—Nothing in  
8                   this subsection shall be construed to provide author-  
9                   ity to the Secretary to—

10                   “(A) regulate the manner by which an eli-  
11                   gible entity or local government improves the  
12                   cybersecurity of the information systems owned  
13                   or operated by, or on behalf of, the eligible enti-  
14                   ty or local government; or

15                   “(B) condition the receipt of grants under  
16                   this section on—

17                   “(i) participation in a particular Fed-  
18                   eral program; or

19                   “(ii) the use of a specific product or  
20                   technology.

21                   “(j) LIMITATIONS ON USES OF FUNDS.—

22                   “(1) IN GENERAL.—Any entity that receives  
23                   funds from a grant under this section may not use  
24                   the grant—

25                   “(A) to supplant State or local funds;

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1           “(B) for any recipient cost-sharing con-  
2           tribution;

3           “(C) to pay a ransom;

4           “(D) for recreational or social purposes; or

5           “(E) for any purpose that does not address  
6           cybersecurity risks or cybersecurity threats on  
7           information systems owned or operated by, or  
8           on behalf of, the eligible entity that receives the  
9           grant or a local government within the jurisdic-  
10          tion of the eligible entity.

11          “(2) COMPLIANCE OVERSIGHT.—In addition to  
12          any other remedy available, the Secretary may take  
13          such actions as are necessary to ensure that a recipi-  
14          ent of a grant under this section uses the grant for  
15          the purposes for which the grant is awarded.

16          “(3) RULE OF CONSTRUCTION.—Nothing in  
17          paragraph (1)(A) shall be construed to prohibit the  
18          use of funds from a grant under this section award-  
19          ed to a State, local, or Tribal government for other-  
20          wise permissible uses under this section on the basis  
21          that the State, local, or Tribal government has pre-  
22          viously used State, local, or Tribal funds to support  
23          the same or similar uses.

24          “(k) OPPORTUNITY TO AMEND APPLICATIONS.—In  
25          considering applications for grants under this section, the

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1 Secretary shall provide applicants with a reasonable op-  
2 portunity to correct any defects in those applications be-  
3 fore making final awards, including by allowing applicants  
4 to revise a submitted Cybersecurity Plan.

5 “(1) APPORTIONMENT.—For fiscal year 2022 and  
6 each fiscal year thereafter, the Secretary shall apportion  
7 amounts appropriated to carry out this section among eli-  
8 gible entities as follows:

9 “(1) BASELINE AMOUNT.—The Secretary shall  
10 first apportion—

11 “(A) 0.25 percent of such amounts to each  
12 of American Samoa, the Commonwealth of the  
13 Northern Mariana Islands, Guam, and the  
14 United States Virgin Islands;

15 “(B) 1 percent of such amounts to each of  
16 the remaining States; and

17 “(C) 3 percent of such amounts to Tribal  
18 governments.

19 “(2) REMAINDER.—The Secretary shall appor-  
20 tion the remainder of such amounts to States as fol-  
21 lows:

22 “(A) 50 percent of such remainder in the  
23 ratio that the population of each State, bears to  
24 the population of all States; and



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1 “(iii) for fiscal year 2024, 70 percent;

2 and

3 “(iv) for fiscal year 2025, 60 percent;

4 and

5 “(B) in the case of a grant to a multi-enti-

6 ty group—

7 “(i) for fiscal year 2022, 100 percent;

8 “(ii) for fiscal year 2023, 90 percent;

9 “(iii) for fiscal year 2024, 80 percent;

10 and

11 “(iv) for fiscal year 2025, 70 percent.

12 “(2) WAIVER.—

13 “(A) IN GENERAL.—The Secretary may

14 waive or modify the requirements of paragraph

15 (1) if an eligible entity or multi-entity group

16 demonstrates economic hardship.

17 “(B) GUIDELINES.—The Secretary shall

18 establish and publish guidelines for determining

19 what constitutes economic hardship for the pur-

20 poses of this subsection.

21 “(C) CONSIDERATIONS.—In developing

22 guidelines under subparagraph (B), the Sec-

23 retary shall consider, with respect to the juris-

24 diction of an eligible entity—



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1 “(i) changes in rates of unemployment  
2 in the jurisdiction from previous years;

3 “(ii) changes in the percentage of in-  
4 dividuals who are eligible to receive bene-  
5 fits under the supplemental nutrition as-  
6 sistance program established under the  
7 Food and Nutrition Act of 2008 (7 U.S.C.  
8 2011 et seq.) from previous years; and

9 “(iii) any other factors the Secretary  
10 considers appropriate.

11 “(3) WAIVER FOR TRIBAL GOVERNMENTS.—  
12 Notwithstanding paragraph (2), the Secretary, in  
13 consultation with the Secretary of the Interior and  
14 Tribal governments, may waive or modify the re-  
15 quirements of paragraph (1) for 1 or more Tribal  
16 governments if the Secretary determines that the  
17 waiver is in the public interest.

18 “(n) RESPONSIBILITIES OF GRANTEES.—

19 “(1) CERTIFICATION.—Each eligible entity or  
20 multi-entity group that receives a grant under this  
21 section shall certify to the Secretary that the grant  
22 will be used—

23 “(A) for the purpose for which the grant  
24 is awarded; and

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1           “(B) in compliance with subsections (d)  
2           and (j).

3           “(2) AVAILABILITY OF FUNDS TO LOCAL GOV-  
4           ERNMENTS AND RURAL AREAS.—

5           “(A) IN GENERAL.—Subject to subpara-  
6           graph (C), not later than 45 days after the date  
7           on which an eligible entity or multi-entity group  
8           receives a grant under this section, the eligible  
9           entity or multi-entity group shall, without im-  
10          posing unreasonable or unduly burdensome re-  
11          quirements as a condition of receipt, obligate or  
12          otherwise make available to local governments  
13          within the jurisdiction of the eligible entity or  
14          the eligible entities that comprise the multi-enti-  
15          ty group, consistent with the Cybersecurity  
16          Plan of the eligible entity or the Cybersecurity  
17          Plans of the eligible entities that comprise the  
18          multi-entity group—

19                 “(i) not less than 80 percent of funds  
20                 available under the grant;

21                 “(ii) with the consent of the local gov-  
22                 ernments, items, services, capabilities, or  
23                 activities having a value of not less than  
24                 80 percent of the amount of the grant; or

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1           “(iii) with the consent of the local  
2 governments, grant funds combined with  
3 other items, services, capabilities, or activi-  
4 ties having the total value of not less than  
5 80 percent of the amount of the grant.

6           “(B) AVAILABILITY TO RURAL AREAS.—In  
7 obligating funds, items, services, capabilities, or  
8 activities to local governments under subpara-  
9 graph (A), the eligible entity or eligible entities  
10 that comprise the multi-entity group shall en-  
11 sure that rural areas within the jurisdiction of  
12 the eligible entity or the eligible entities that  
13 comprise the multi-entity group receive not less  
14 than—

15           “(i) 25 percent of the amount of the  
16 grant awarded to the eligible entity;

17           “(ii) items, services, capabilities, or  
18 activities having a value of not less than  
19 25 percent of the amount of the grant  
20 awarded to the eligible entity; or

21           “(iii) grant funds combined with other  
22 items, services, capabilities, or activities  
23 having the total value of not less than 25  
24 percent of the grant awarded to the eligible  
25 entity.

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1           “(C) EXCEPTIONS.—This paragraph shall  
2 not apply to—

3           “(i) any grant awarded under this  
4 section that solely supports activities that  
5 are integral to the development or revision  
6 of the Cybersecurity Plan of the eligible  
7 entity; or

8           “(ii) the District of Columbia, the  
9 Commonwealth of Puerto Rico, American  
10 Samoa, the Commonwealth of the North-  
11 ern Mariana Islands, Guam, the United  
12 States Virgin Islands, or a Tribal govern-  
13 ment.

14           “(3) CERTIFICATIONS REGARDING DISTRIBU-  
15 TION OF GRANT FUNDS TO LOCAL GOVERNMENTS.—  
16 An eligible entity or multi-entity group shall certify  
17 to the Secretary that the eligible entity or multi-enti-  
18 ty group has made the distribution to local govern-  
19 ments required under paragraph (2).

20           “(4) EXTENSION OF PERIOD.—

21           “(A) IN GENERAL.—An eligible entity or  
22 multi-entity group may request in writing that  
23 the Secretary extend the period of time speci-  
24 fied in paragraph (2) for an additional period  
25 of time.

1           “(B) APPROVAL.—The Secretary may ap-  
2           prove a request for an extension under subpara-  
3           graph (A) if the Secretary determines the ex-  
4           tension is necessary to ensure that the obliga-  
5           tion and expenditure of grant funds align with  
6           the purpose of the State and Local Cybersecu-  
7           rity Grant Program.

8           “(5) DIRECT FUNDING.—If an eligible entity  
9           does not make a distribution to a local government  
10          required under paragraph (2) in a timely fashion,  
11          the local government may petition the Secretary to  
12          request the Secretary to provide funds directly to the  
13          local government.

14          “(6) CONSULTATION IN ALLOCATING FUNDS.—  
15          An eligible entity applying for a grant under this  
16          section shall agree to consult the Chief Information  
17          Officer, the Chief Information Security Officer, or  
18          an equivalent official of the eligible entity in allo-  
19          cating funds from a grant awarded under this sec-  
20          tion.

21          “(7) PENALTIES.—In addition to other rem-  
22          edies available to the Secretary, if an eligible entity  
23          violates a requirement of this subsection, the Sec-  
24          retary may—

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1           “(A) terminate or reduce the amount of a  
2           grant awarded under this section to the eligible  
3           entity; or

4           “(B) distribute grant funds previously  
5           awarded to the eligible entity—

6                   “(i) in the case of an eligible entity  
7                   that is a State, directly to the appropriate  
8                   local government as a replacement grant in  
9                   an amount determined by the Secretary; or

10                   “(ii) in the case of an eligible entity  
11                   that is a Tribal government, to another  
12                   Tribal government or Tribal governments  
13                   as a replacement grant in an amount de-  
14                   termined by the Secretary.

15           “(o) CONSULTATION WITH STATE, LOCAL, AND  
16           TRIBAL REPRESENTATIVES.—In carrying out this section,  
17           the Secretary shall consult with State, local, and Tribal  
18           representatives with professional experience relating to cy-  
19           bersecurity, including representatives of associations rep-  
20           resenting State, local, and Tribal governments, to in-  
21           form—

22                   “(1) guidance for applicants for grants under  
23                   this section, including guidance for Cybersecurity  
24                   Plans;

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1           “(2) the study of risk-based formulas required  
2           under subsection (q)(4);

3           “(3) the development of guidelines required  
4           under subsection (m)(2)(B); and

5           “(4) any modifications described in subsection  
6           (q)(2)(D).

7           “(p) NOTIFICATION TO CONGRESS.—Not later than  
8           3 business days before the date on which the Department  
9           announces the award of a grant to an eligible entity under  
10          this section, including an announcement to the eligible en-  
11          tity, the Secretary shall provide to the appropriate com-  
12          mittees of Congress notice of the announcement.

13          “(q) REPORTS, STUDY, AND REVIEW.—

14                 “(1) ANNUAL REPORTS BY GRANT RECIPI-  
15                 ENTS.—

16                         “(A) IN GENERAL.—Not later than 1 year  
17                         after the date on which an eligible entity re-  
18                         ceives a grant under this section for the pur-  
19                         pose of implementing the Cybersecurity Plan of  
20                         the eligible entity, including an eligible entity  
21                         that comprises a multi-entity group that re-  
22                         ceives a grant for that purpose, and annually  
23                         thereafter until 1 year after the date on which  
24                         funds from the grant are expended or returned,  
25                         the eligible entity shall submit to the Secretary

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1 a report that, using the metrics described in the  
2 Cybersecurity Plan of the eligible entity, de-  
3 scribes the progress of the eligible entity in—

4 “(i) implementing the Cybersecurity  
5 Plan of the eligible entity; and

6 “(ii) reducing cybersecurity risks to,  
7 and identifying, responding to, and recov-  
8 ering from cybersecurity threats to, infor-  
9 mation systems owned or operated by, or  
10 on behalf of, the eligible entity or, if the el-  
11 ible entity is a State, local governments  
12 within the jurisdiction of the eligible entity.

13 “(B) ABSENCE OF PLAN.—Not later than  
14 1 year after the date on which an eligible entity  
15 that does not have a Cybersecurity Plan re-  
16 ceives funds under this section, and annually  
17 thereafter until 1 year after the date on which  
18 funds from the grant are expended or returned,  
19 the eligible entity shall submit to the Secretary  
20 a report describing how the eligible entity obli-  
21 gated and expended grant funds to—

22 “(i) develop or revise a Cybersecurity  
23 Plan; or

24 “(ii) assist with the activities de-  
25 scribed in subsection (d)(4).



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1           “(2) ANNUAL REPORTS TO CONGRESS.—Not  
2           less frequently than annually, the Secretary, acting  
3           through the Director, shall submit to Congress a re-  
4           port on—

5                   “(A) the use of grants awarded under this  
6                   section;

7                   “(B) the proportion of grants used to sup-  
8                   port cybersecurity in rural areas;

9                   “(C) the effectiveness of the State and  
10                  Local Cybersecurity Grant Program;

11                  “(D) any necessary modifications to the  
12                  State and Local Cybersecurity Grant Program;  
13                  and

14                  “(E) any progress made toward—

15                           “(i) developing, implementing, or re-  
16                           vising Cybersecurity Plans; and

17                           “(ii) reducing cybersecurity risks to,  
18                           and identifying, responding to, and recov-  
19                           ering from cybersecurity threats to, infor-  
20                           mation systems owned or operated by, or  
21                           on behalf of, State, local, or Tribal govern-  
22                           ments as a result of the award of grants  
23                           under this section.

24           “(3) PUBLIC AVAILABILITY.—

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1           “(A) IN GENERAL.—The Secretary, acting  
2 through the Director, shall make each report  
3 submitted under paragraph (2) publicly avail-  
4 able, including by making each report available  
5 on the website of the Agency.

6           “(B) REDACTIONS.—In making each re-  
7 port publicly available under subparagraph (A),  
8 the Director may make redactions that the Di-  
9 rector, in consultation with each eligible entity,  
10 determines necessary to protect classified or  
11 other information exempt from disclosure under  
12 section 552 of title 5, United States Code (com-  
13 monly referred to as the ‘Freedom of Informa-  
14 tion Act’).

15           “(4) STUDY OF RISK-BASED FORMULAS.—

16           “(A) IN GENERAL.—Not later than Sep-  
17 tember 30, 2024, the Secretary, acting through  
18 the Director, shall submit to the appropriate  
19 committees of Congress a study and legislative  
20 recommendations on the potential use of a risk-  
21 based formula for apportioning funds under  
22 this section, including—

23                   “(i) potential components that could  
24 be included in a risk-based formula, includ-  
25 ing the potential impact of those compo-

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1 nents on support for rural areas under this  
2 section;

3 “(ii) potential sources of data and in-  
4 formation necessary for the implementa-  
5 tion of a risk-based formula;

6 “(iii) any obstacles to implementing a  
7 risk-based formula, including obstacles  
8 that require a legislative solution;

9 “(iv) if a risk-based formula were to  
10 be implemented for fiscal year 2026, a rec-  
11 ommended risk-based formula for the  
12 State and Local Cybersecurity Grant Pro-  
13 gram; and

14 “(v) any other information that the  
15 Secretary, acting through the Director, de-  
16 termines necessary to help Congress under-  
17 stand the progress towards, and obstacles  
18 to, implementing a risk-based formula.

19 “(B) INAPPLICABILITY OF PAPERWORK RE-  
20 DUCATION ACT.—The requirements of chapter  
21 35 of title 44, United States Code (commonly  
22 referred to as the ‘Paperwork Reduction Act’),  
23 shall not apply to any action taken to carry out  
24 this paragraph.

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1           “(5) TRIBAL CYBERSECURITY NEEDS RE-  
2           PORT.—Not later than 2 years after the date of en-  
3           actment of this section, the Secretary, acting  
4           through the Director, shall submit to Congress a re-  
5           port that—

6                   “(A) describes the cybersecurity needs of  
7           Tribal governments, which shall be determined  
8           in consultation with the Secretary of the Inte-  
9           rior and Tribal governments; and

10                   “(B) includes any recommendations for ad-  
11           dressing the cybersecurity needs of Tribal gov-  
12           ernments, including any necessary modifications  
13           to the State and Local Cybersecurity Grant  
14           Program to better serve Tribal governments.

15           “(6) GAO REVIEW.—Not later than 3 years  
16           after the date of enactment of this section, the  
17           Comptroller General of the United States shall con-  
18           duct a review of the State and Local Cybersecurity  
19           Grant Program, including—

20                   “(A) the grant selection process of the Sec-  
21           retary; and

22                   “(B) a sample of grants awarded under  
23           this section.

24           “(r) AUTHORIZATION OF APPROPRIATIONS.—

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1           “(1) IN GENERAL.—There are authorized to be  
2 appropriated for activities under this section—

3           “(A) for fiscal year 2022, \$200,000,000;

4           “(B) for fiscal year 2023, \$400,000,000;

5           “(C) for fiscal year 2024, \$300,000,000;

6           and

7           “(D) for fiscal year 2025, \$100,000,000.

8           “(2) TRANSFERS AUTHORIZED.—

9           “(A) IN GENERAL.—During a fiscal year,  
10 the Secretary or the head of any component of  
11 the Department that administers the State and  
12 Local Cybersecurity Grant Program may trans-  
13 fer not more than 5 percent of the amounts ap-  
14 propriated pursuant to paragraph (1) or other  
15 amounts appropriated to carry out the State  
16 and Local Cybersecurity Grant Program for  
17 that fiscal year to an account of the Depart-  
18 ment for salaries, expenses, and other adminis-  
19 trative costs incurred for the management, ad-  
20 ministration, or evaluation of this section.

21           “(B) ADDITIONAL APPROPRIATIONS.—Any  
22 funds transferred under subparagraph (A) shall  
23 be in addition to any funds appropriated to the  
24 Department or the components described in

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1           subparagraph (A) for salaries, expenses, and  
2           other administrative costs.

3           “(s) TERMINATION.—

4           “(1) IN GENERAL.—Subject to paragraph (2),  
5           the requirements of this section shall terminate on  
6           September 30, 2025.

7           “(2) EXCEPTION.—The reporting requirements  
8           under subsection (q) shall terminate on the date that  
9           is 1 year after the date on which the final funds  
10          from a grant under this section are expended or re-  
11          turned.”.

12          (b) CLERICAL AMENDMENT.—The table of contents  
13          in section 1(b) of the Homeland Security Act of 2002  
14          (Public Law 107–296; 116 Stat. 2135), is amended by  
15          inserting after the item relating to section 2217 the fol-  
16          lowing:

          “Sec. 2218. State and Local Cybersecurity Grant Program.”.

17                           **TITLE II—RECYCLING**  
18                           **PRACTICES**

19   **SEC. 50201. BEST PRACTICES FOR BATTERY RECYCLING**  
20                           **AND LABELING GUIDELINES.**

21          (a) DEFINITIONS.—In this section:

22                  (1) ADMINISTRATOR.—The term “Adminis-  
23                  trator” means the Administrator of the Environ-  
24                  mental Protection Agency.

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1           (2) BATTERY.—The term “battery” means a  
2 device that—

3           (A) consists of 1 or more electrochemical  
4 cells that are electrically connected; and

5           (B) is designed to store and deliver electric  
6 energy.

7           (3) RECYCLING.—The term “recycling” means  
8 the series of activities—

9           (A) during which recyclable materials are  
10 processed into specification-grade commodities,  
11 and consumed as raw-material feedstock, in lieu  
12 of virgin materials, in the manufacturing of new  
13 products;

14           (B) that may include collection, processing,  
15 and brokering; and

16           (C) that result in subsequent consumption  
17 by a materials manufacturer, including for the  
18 manufacturing of new products.

19           (b) BEST PRACTICES FOR COLLECTION OF BAT-  
20 TERIES TO BE RECYCLED.—

21           (1) IN GENERAL.—The Administrator shall de-  
22 velop best practices that may be implemented by  
23 State, Tribal, and local governments with respect to  
24 the collection of batteries to be recycled in a manner  
25 that—

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1 (A) to the maximum extent practicable, is  
2 technically and economically feasible for State,  
3 Tribal, and local governments;

4 (B) is environmentally sound and safe for  
5 waste management workers; and

6 (C) optimizes the value and use of material  
7 derived from recycling of batteries.

8 (2) CONSULTATION.—The Administrator shall  
9 develop the best practices described in paragraph (1)  
10 in coordination with State, Tribal, and local govern-  
11 ments and relevant nongovernmental and private  
12 sector entities.

13 (3) REPORT.—Not later than 2 years after the  
14 date of enactment of this Act, the Administrator  
15 shall submit to Congress a report describing the best  
16 practices developed under paragraph (1).

17 (4) AUTHORIZATION OF APPROPRIATIONS.—  
18 There is authorized to be appropriated to the Ad-  
19 ministrator to carry out this subsection \$10,000,000  
20 for fiscal year 2022, to remain available until Sep-  
21 tember 30, 2026.

22 (c) VOLUNTARY LABELING GUIDELINES.—

23 (1) IN GENERAL.—There is established within  
24 the Environmental Protection Agency a program (re-  
25 ferred to in this subsection as the “program”) to



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1 promote battery recycling through the development  
2 of—

3 (A) voluntary labeling guidelines for bat-  
4 teries; and

5 (B) other forms of communication mate-  
6 rials for battery producers and consumers about  
7 the reuse and recycling of critical materials  
8 from batteries.

9 (2) PURPOSES.—The purposes of the program  
10 are to improve battery collection and reduce battery  
11 waste, including by—

12 (A) identifying battery collection locations  
13 and increasing accessibility to those locations;

14 (B) promoting consumer education about  
15 battery collection and recycling; and

16 (C) reducing safety concerns relating to  
17 the improper disposal of batteries.

18 (3) OTHER STANDARDS AND LAW.—The Ad-  
19 ministrator shall make every reasonable effort to en-  
20 sure that voluntary labeling guidelines and other  
21 forms of communication materials developed under  
22 the program are consistent with—

23 (A) international battery labeling stand-  
24 ards; and

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1 (B) the Mercury-Containing and Recharge-  
2 able Battery Management Act (42 U.S.C.  
3 14301 et seq.).

4 (4) AUTHORIZATION OF APPROPRIATIONS.—  
5 There is authorized to be appropriated to the Ad-  
6 ministrator to carry out this subsection \$15,000,000  
7 for fiscal year 2022, to remain available until Sep-  
8 tember 30, 2026.

9 **SEC. 50202. CONSUMER RECYCLING EDUCATION AND OUT-**  
10 **REACH GRANT PROGRAM; FEDERAL PRO-**  
11 **CUREMENT.**

12 (a) DEFINITION OF ADMINISTRATOR.—In this sec-  
13 tion, the term “Administrator” means the Administrator  
14 of the Environmental Protection Agency.

15 (b) CONSUMER RECYCLING EDUCATION AND OUT-  
16 REACH GRANT PROGRAM.—

17 (1) IN GENERAL.—The Administrator shall es-  
18 tablish a program (referred to in this subsection as  
19 the “grant program”) to award competitive grants  
20 to eligible entities to improve the effectiveness of res-  
21 idential and community recycling programs through  
22 public education and outreach.

23 (2) CRITERIA.—The Administrator shall award  
24 grants under the grant program for projects that, by

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1 using one or more eligible activities described in  
2 paragraph (5)—

3 (A) inform the public about residential or  
4 community recycling programs;

5 (B) provide information about the recycled  
6 materials that are accepted as part of a residen-  
7 tial or community recycling program that pro-  
8 vides for the separate collection of residential  
9 solid waste from recycled material; and

10 (C) increase collection rates and decrease  
11 contamination in residential and community re-  
12 cycling programs.

13 (3) ELIGIBLE ENTITIES.—

14 (A) IN GENERAL.—An entity that is eligi-  
15 ble to receive a grant under the grant program  
16 is—

17 (i) a State;

18 (ii) a unit of local government;

19 (iii) an Indian Tribe (as defined in  
20 section 4 of the Indian Self-Determination  
21 and Education Assistance Act (25 U.S.C.  
22 5304));

23 (iv) a Native Hawaiian organization  
24 (as defined in section 6207 of the Elemen-

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1 tary and Secondary Education Act of 1965  
2 (20 U.S.C. 7517));

3 (v) the Department of Hawaiian  
4 Home Lands;

5 (vi) the Office of Hawaiian Affairs;

6 (vii) a nonprofit organization; or

7 (viii) a public-private partnership.

8 (B) COORDINATION OF ACTIVITIES.—2 or  
9 more entities described in subparagraph (A)  
10 may receive a grant under the grant program to  
11 coordinate the provision of information to resi-  
12 dents that may access 2 or more residential re-  
13 cycling programs, including programs that ac-  
14 cept different recycled materials, to provide to  
15 the residents information regarding differences  
16 among those residential recycling programs.

17 (4) REQUIREMENT.—

18 (A) IN GENERAL.—To receive a grant  
19 under the grant program, an eligible entity  
20 shall demonstrate to the Administrator that the  
21 grant funds will be used to encourage the col-  
22 lection of recycled materials that are sold to an  
23 existing or developing market.

24 (B) BUSINESS PLANS AND FINANCIAL  
25 DATA.—

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1 (i) IN GENERAL.—An eligible entity  
2 may make a demonstration under subpara-  
3 graph (A) through the submission to the  
4 Administrator of appropriate business  
5 plans and financial data.

6 (ii) CONFIDENTIALITY.—The Admin-  
7 istrator shall treat any business plans or  
8 financial data received under clause (i) as  
9 confidential information.

10 (5) ELIGIBLE ACTIVITIES.—An eligible entity  
11 that receives a grant under the grant program may  
12 use the grant funds for activities including—

13 (A) public service announcements;

14 (B) a door-to-door education and outreach  
15 campaign;

16 (C) social media and digital outreach;

17 (D) an advertising campaign on recycling  
18 awareness;

19 (E) the development and dissemination  
20 of—

21 (i) a toolkit for a municipal and com-  
22 mercial recycling program;

23 (ii) information on the importance of  
24 quality in the recycling stream;

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1 (iii) information on the economic and  
2 environmental benefits of recycling; and

3 (iv) information on what happens to  
4 materials after the materials are placed  
5 into a residential or community recycling  
6 program;

7 (F) businesses recycling outreach;

8 (G) bin, cart, and other receptacle labeling  
9 and signs; and

10 (H) such other activities that the Adminis-  
11 trator determines are appropriate to carry out  
12 the purposes of this subsection.

13 (6) PROHIBITION ON USE OF FUNDS.—No  
14 funds may be awarded under the grant program for  
15 a residential recycling program that—

16 (A) does not provide for the separate col-  
17 lection of residential solid waste (as defined in  
18 section 246.101 of title 40, Code of Federal  
19 Regulations (as in effect on the date of enact-  
20 ment of this Act)) from recycled material (as  
21 defined in that section), unless the funds are  
22 used to promote a transition to a system that  
23 separately collects recycled materials; or

24 (B) promotes the establishment of, or con-  
25 version to, a residential collection system that

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1 does not provide for the separate collection of  
2 residential solid waste from recycled material  
3 (as those terms are defined under subparagraph  
4 (A)).

5 (7) MODEL RECYCLING PROGRAM TOOLKIT.—

6 (A) IN GENERAL.—In carrying out the  
7 grant program, the Administrator, in consulta-  
8 tion with other relevant Federal agencies,  
9 States, Tribal governments, units of local gov-  
10 ernment, nonprofit organizations, and the pri-  
11 vate sector, shall develop a model recycling pro-  
12 gram toolkit for States, Tribal governments,  
13 and units of local government that includes, at  
14 a minimum—

15 (i) a standardized set of terms and ex-  
16 amples that may be used to describe mate-  
17 rials that are accepted by a residential re-  
18 cycling program;

19 (ii) information that the Adminis-  
20 trator determines can be widely applied  
21 across residential recycling programs, tak-  
22 ing into consideration the differences in re-  
23 cycled materials accepted by residential re-  
24 cycling programs;

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1 (iii) educational principles on best  
2 practices for the collection and processing  
3 of recycled materials;

4 (iv) a community self-assessment  
5 guide to identify gaps in existing recycling  
6 programs;

7 (v) training modules that enable  
8 States and nonprofit organizations to pro-  
9 vide technical assistance to units of local  
10 government;

11 (vi) access to consumer educational  
12 materials that States, Tribal governments,  
13 and units of local government can adapt  
14 and use in recycling programs; and

15 (vii) a guide to measure the effective-  
16 ness of a grant received under the grant  
17 program, including standardized measure-  
18 ments for recycling rates and decreases in  
19 contamination.

20 (B) REQUIREMENT.—In developing the  
21 standardized set of terms and examples under  
22 subparagraph (A)(i), the Administrator may  
23 not establish any requirements for—

24 (i) what materials shall be accepted by  
25 a residential recycling program; or



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1 (ii) the labeling of products.

2 (8) SCHOOL CURRICULUM.—The Administrator  
3 shall provide assistance to the educational commu-  
4 nity, including nonprofit organizations, such as an  
5 organization the science, technology, engineering,  
6 and mathematics program of which incorporates re-  
7 cycling, to promote the introduction of recycling  
8 principles and best practices into public school cur-  
9 ricula.

10 (9) REPORTS.—

11 (A) TO THE ADMINISTRATOR.—Not earlier  
12 than 180 days, and not later than 2 years, after  
13 the date on which a grant under the grant pro-  
14 gram is awarded to an eligible entity, the eligi-  
15 ble entity shall submit to the Administrator a  
16 report describing, by using the guide developed  
17 under paragraph (7)(A)(vii)—

18 (i) the change in volume of recycled  
19 material collected through the activities  
20 funded with the grant;

21 (ii) the change in participation rate of  
22 the recycling program funded with the  
23 grant;

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1 (iii) the reduction of contamination in  
2 the recycling stream as a result of the ac-  
3 tivities funded with the grant; and

4 (iv) such other information as the Ad-  
5 ministrator determines to be appropriate.

6 (B) TO CONGRESS.—The Administrator  
7 shall submit to Congress an annual report de-  
8 scribing—

9 (i) the effectiveness of residential re-  
10 cycling programs awarded funds under the  
11 grant program, including statistics com-  
12 paring the quantity and quality of recycled  
13 materials collected by those programs, as  
14 described in the reports submitted to the  
15 Administrator under subparagraph (A);  
16 and

17 (ii) recommendations on additional ac-  
18 tions to improve residential recycling.

19 (c) FEDERAL PROCUREMENT.—Section 6002 of the  
20 Solid Waste Disposal Act (42 U.S.C. 6962) is amended—

21 (1) in subsection (e), in the matter preceding  
22 paragraph (1), by striking “and from time to time,  
23 revise” and inserting “review not less frequently  
24 than once every 5 years, and, if appropriate, revise,  
25 in consultation with recyclers and manufacturers of

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1 products containing recycled content, not later than  
2 2 years after the completion of the initial review  
3 after the date of enactment of the American Infra-  
4 structure Act of 2021 and thereafter, as appro-  
5 priate”; and

6 (2) by adding at the end the following:

7 “(j) CONSULTATION AND PROVISION OF INFORMA-  
8 TION BY ADMINISTRATOR.—The Administrator shall—

9 “(1) consult with each procuring agency, in-  
10 cluding contractors of the procuring agency, to clar-  
11 ify the responsibilities of the procuring agency under  
12 this section; and

13 “(2) provide to each procuring agency informa-  
14 tion on the requirements under this section and the  
15 responsibilities of the procuring agency under this  
16 section.

17 “(k) REPORTS.—The Administrator, in consultation  
18 with the Administrator of General Services, shall submit  
19 to Congress an annual report describing—

20 “(1) the quantity of federally procured recycled  
21 products listed in the guidelines under subsection  
22 (e); and

23 “(2) with respect to the products described in  
24 paragraph (1), the percentage of recycled material in  
25 each product.”.

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1 (d) AUTHORIZATION OF APPROPRIATIONS.—

2 (1) IN GENERAL.—There is authorized to be  
3 appropriated to the Administrator to carry out this  
4 section and the amendments made by this section  
5 \$15,000,000 for each of fiscal years 2022 through  
6 2026.

7 (2) REQUIREMENT.—Of the amount made  
8 available under paragraph (1) for a fiscal year, not  
9 less than 20 percent shall be allocated to—

10 (A) low-income communities;

11 (B) rural communities; and

12 (C) communities that are Native American  
13 (as defined in section 2 of the Native American  
14 Graves Protection and Repatriation Act (25  
15 U.S.C. 3001)).

## 16 **TITLE III—REFORESTATION**

### 17 **SEC. 50301. SHORT TITLE.**

18 This title may be cited as the “Repairing Existing  
19 Public Land by Adding Necessary Trees Act” or the “RE-  
20 PLANT Act”.

### 21 **SEC. 50302. REFORESTATION FOLLOWING WILDFIRES AND** 22 **OTHER UNPLANNED EVENTS.**

23 (a) FOREST AND RANGELAND RENEWABLE RE-  
24 SOURCES PLANNING ACT OF 1974.—

25 (1) NATIONAL FOREST COVER POLICY.—

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1 (A) IN GENERAL.—Section 3 of the Forest  
2 and Rangeland Renewable Resources Planning  
3 Act of 1974 (16 U.S.C. 1601) is amended—

4 (i) by redesignating subsection (e) as  
5 subsection (f);

6 (ii) by redesignating the second sub-  
7 section (d) (relating to the policy of Con-  
8 gress regarding forested land in the Na-  
9 tional Forest System) as subsection (e);  
10 and

11 (iii) in subsection (e) (as so redesign-  
12 ated)—

13 (I) in paragraph (2)—

14 (aa) in the first sentence—

15 (AA) by striking “9 of  
16 this Act, the Secretary shall  
17 annually for eight years fol-  
18 lowing the enactment of this  
19 subsection” and inserting  
20 “9, the Secretary shall, an-  
21 nually during each of the 10  
22 years beginning after the  
23 date of enactment of the  
24 REPLANT Act”; and

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1 (BB) by striking  
2 “eight-year” and inserting  
3 “10-year”;

4 (bb) in the second sentence,  
5 by striking “such eight-year pe-  
6 riod” and inserting “the 10-year  
7 period”; and

8 (cc) in the third sentence, by  
9 striking “1978” and inserting  
10 “2021”;

11 (II) in paragraph (3), in the first  
12 sentence, by striking “subsection (d)”  
13 and inserting “subsection”; and

14 (III) by adding at the end the  
15 following:

16 “(4) REFORESTATION REQUIREMENTS.—

17 “(A) DEFINITIONS.—In this paragraph:

18 “(i) NATURAL REGENERATION.—

19 “(I) IN GENERAL.—The term  
20 ‘natural regeneration’ means the es-  
21 tablishment of a tree or tree age class  
22 from natural seeding, sprouting, or  
23 suckering in accordance with the man-  
24 agement objectives of an applicable  
25 land management plan.

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1                   “(II) INCLUSION.—The term  
2                   ‘natural regeneration’ may include  
3                   any site preparation activity to en-  
4                   hance the success of regeneration to  
5                   the desired species composition and  
6                   structure.

7                   “(ii) PRIORITY LAND.—The term ‘pri-  
8                   ority land’ means National Forest System  
9                   land that, due to an unplanned event—

10                   “(I) does not meet the conditions  
11                   for appropriate forest cover described  
12                   in paragraph (1);

13                   “(II) requires reforestation to  
14                   meet the objectives of an applicable  
15                   land management plan; and

16                   “(III) is unlikely to experience  
17                   natural regeneration without assist-  
18                   ance.

19                   “(iii) REFORESTATION.—The term  
20                   ‘reforestation’ means the act of renewing  
21                   tree cover, taking into consideration spe-  
22                   cies composition and resilience, by estab-  
23                   lishing young trees through—

24                   “(I) natural regeneration;

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1 “(II) natural regeneration with  
2 site preparation; or

3 “(III) planting or direct seeding.

4 “(iv) SECRETARY.—The term ‘Sec-  
5 retary’ means the Secretary, acting  
6 through the Chief of the Forest Service.

7 “(v) UNPLANNED EVENT.—

8 “(I) IN GENERAL.—The term  
9 ‘unplanned event’ means any un-  
10 planned disturbance that—

11 “(aa) disrupts ecosystem or  
12 forest structure or composition;  
13 or

14 “(bb) changes resources,  
15 substrate availability, or the  
16 physical environment.

17 “(II) INCLUSIONS.—The term  
18 ‘unplanned event’ may include—

19 “(aa) a wildfire;

20 “(bb) an infestation of in-  
21 sects or disease;

22 “(cc) a weather event; and

23 “(dd) animal damage.

24 “(B) REQUIREMENT.—Each reforestation  
25 activity under this section shall be carried out



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1 in accordance with applicable Forest Service  
2 management practices and definitions, including  
3 definitions relating to silvicultural practices and  
4 forest management.

5 “(C) REFORESTATION PRIORITY.—

6 “(i) IN GENERAL.—In carrying out  
7 this subsection, the Secretary shall give  
8 priority to projects on the priority list de-  
9 scribed in clause (ii).

10 “(ii) PRIORITY LIST.—

11 “(I) IN GENERAL.—The Sec-  
12 retary shall, based on recommenda-  
13 tions from regional foresters, create a  
14 priority list of reforestation projects  
15 that—

16 “(aa) primarily take place  
17 on priority land;

18 “(bb) promote effective re-  
19 forestation following unplanned  
20 events; and

21 “(cc) may include activities  
22 to ensure adequate and appro-  
23 priate seed availability.

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1                   “(II) RANKING.—The Secretary  
2 shall rank projects on the priority list  
3 under subclause (I) based on—

4                   “(aa) documentation of an  
5 effective reforestation project  
6 plan;

7                   “(bb) the ability to measure  
8 the progress and success of the  
9 project; and

10                   “(cc) the ability of a project  
11 to provide benefits relating to  
12 forest function and health, soil  
13 health and productivity, wildlife  
14 habitat, improved air and water  
15 quality, carbon sequestration po-  
16 tential, resilience, job creation,  
17 and enhanced recreational oppor-  
18 tunities.”.

19                   (B) CONFORMING AMENDMENT.—Section  
20 9 of the Cooperative Forestry Assistance Act of  
21 1978 (16 U.S.C. 2105) is amended, in the un-  
22 designated matter following paragraph (5) of  
23 subsection (g)—

24                   (i) by striking “section 3(d)” and in-  
25 serting “subsection (e) of section 3”; and

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1 (ii) by striking “1601(d)” and insert-  
2 ing “1601”.

3 (2) NATIONAL FOREST SYSTEM PROGRAM ELE-  
4 MENTS.—Section 9 of the Forest and Rangeland Re-  
5 newable Resources Planning Act of 1974 (16 U.S.C.  
6 1607) is amended, in the second sentence, by strik-  
7 ing “2000” and inserting “2030”.

8 (b) REFORESTATION TRUST FUND.—Section 303 of  
9 Public Law 96–451 (16 U.S.C. 1606a) is amended—

10 (1) in subsection (b)—

11 (A) by striking paragraph (2);

12 (B) in paragraph (3)—

13 (i) in the second sentence, by striking  
14 “Proper adjustment” and inserting the fol-  
15 lowing:

16 “(3) ADJUSTMENT OF ESTIMATES.—Proper ad-  
17 justment”; and

18 (ii) by striking “(3) The amounts”  
19 and inserting the following:

20 “(2) FREQUENCY.—The amounts”; and

21 (C) by striking the subsection designation  
22 and all that follows through “the Secretary” in  
23 paragraph (1) and inserting the following:

24 “(b) TRANSFERS TO TRUST FUND.—

25 “(1) IN GENERAL.—The Secretary”; and

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1 (2) in subsection (d)(1)—

2 (A) by striking “section 3(d)” and insert-  
3 ing “subsection (e) of section 3”; and

4 (B) by striking “1601(d)” and inserting  
5 “1601”.

6 **SEC. 50303. REPORT.**

7 Not later than 1 year after the date of enactment  
8 of this Act, and annually thereafter, the Secretary of Agri-  
9 culture shall submit to the Committee on Agriculture, Nu-  
10 trition, and Forestry of the Senate and the Committee on  
11 Agriculture of the House of Representatives, and make  
12 publicly available on the website of the Forest Service, a  
13 report that describes, with respect to the preceding year—

14 (1) an evaluation of the degree to which the  
15 Secretary has achieved compliance with the require-  
16 ments contained in the amendments made by this  
17 title, including, as a result of those amendments, the  
18 number of acres covered by reforestation projects  
19 that follow unplanned events (such as wildfires);

20 (2) the total number of acres of land reforested  
21 under each authority of the Secretary under which  
22 reforestation projects have been carried out;

23 (3) the number of acres of National Forest Sys-  
24 tem land affected by, and the substance of reforest-

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1       ation needs on that land resulting from, unplanned  
2       events; and

3               (4) the number of acres in need of reforestation  
4       under subsection (e)(1) of section 3 of the Forest  
5       and Rangeland Renewable Resources Planning Act  
6       of 1974 (16 U.S.C. 1601).

## 7                   **TITLE IV—WILDFIRE** 8                   **MITIGATION**

### 9       **SEC. 50401. SHORT TITLE.**

10       This title may be cited as the “Wildland Fire Mitiga-  
11       tion and Management Commission Act of 2021”.

### 12       **SEC. 50402. DEFINITIONS.**

13       In this title:

14               (1) **APPROPRIATE COMMITTEES OF CON-**  
15       **GRESS.**—The term “appropriate committees of Con-  
16       gress” means—

17                   (A) the Committee on Energy and Natural  
18       Resources of the Senate;

19                   (B) the Committee on Agriculture, Nutri-  
20       tion, and Forestry of the Senate;

21                   (C) the Committee on Homeland Security  
22       and Governmental Affairs of the Senate;

23                   (D) the Committee on Appropriations of  
24       the Senate;

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1 (E) the Committee on Environment and  
2 Public Works of the Senate;

3 (F) the Committee on Natural Resources  
4 of the House of Representatives;

5 (G) the Committee on Agriculture of the  
6 House of Representatives;

7 (H) the Committee on Homeland Security  
8 of the House of Representatives;

9 (I) the Committee on Appropriations of the  
10 House of Representatives;

11 (J) the Committee on Ways and Means of  
12 the House of Representatives; and

13 (K) the Committee on Natural Resources  
14 of the House of Representatives.

15 (2) COMMISSION.—The term “Commission”  
16 means the commission established under section  
17 50403(a).

18 (3) HIGH-RISK INDIAN TRIBAL GOVERNMENT.—  
19 The term “high-risk Indian tribal government”  
20 means an Indian tribal government, during not  
21 fewer than 4 of the 5 years preceding the date of en-  
22 actment of this Act—

23 (A) that received fire management assist-  
24 ance under section 420 of the Robert T. Staf-

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1           ford Disaster Relief and Emergency Assistance  
2           Act (42 U.S.C. 5187); or

3           (B) land of which included an area for  
4           which the President declared a major disaster  
5           for fire in accordance with section 401 of that  
6           Act (42 U.S.C. 5170).

7           (4) HIGH-RISK STATE.—The term “high-risk  
8           State” means a State that, during not fewer than 4  
9           of the 5 years preceding the date of enactment of  
10          this Act—

11           (A) received fire management assistance  
12           under section 420 of the Robert T. Stafford  
13           Disaster Relief and Emergency Assistance Act  
14           (42 U.S.C. 5187); or

15           (B) included an area for which the Presi-  
16           dent declared a major disaster for fire in ac-  
17           cordance with section 401 of that Act (42  
18           U.S.C. 5170).

19           (5) INDIAN TRIBAL GOVERNMENT.—The term  
20           “Indian tribal government” has the meaning given  
21           the term in section 102 of the Robert T. Stafford  
22           Disaster Relief and Emergency Assistance Act (42  
23           U.S.C. 5122).

24           (6) SECRETARIES.—The term “Secretaries”  
25           means—

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1 (A) the Secretary of the Interior;  
2 (B) the Secretary of Agriculture; and  
3 (C) the Secretary of Homeland Security,  
4 acting through the Administrator of the Federal  
5 Emergency Management Agency.

6 (7) STATE.—The term “State” has the mean-  
7 ing given the term in section 102 of the Robert T.  
8 Stafford Disaster Relief and Emergency Assistance  
9 Act (42 U.S.C. 5122).

10 (8) WILDLAND-URBAN INTERFACE.—The term  
11 “wildland-urban interface” has the meaning given  
12 the term in section 101 of the Healthy Forests Res-  
13 toration Act of 2003 (16 U.S.C. 6511).

14 **SEC. 50403. ESTABLISHMENT OF COMMISSION.**

15 (a) ESTABLISHMENT.—Not later than 30 days after  
16 the date of enactment of this Act, the Secretaries shall  
17 jointly establish a commission to study and make rec-  
18 ommendations to improve Federal policies relating to—

19 (1) the prevention, mitigation, suppression, and  
20 management of wildland fires in the United States;  
21 and

22 (2) the rehabilitation of land in the United  
23 States devastated by wildland fires.

24 (b) MEMBERSHIP.—



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1 (1) COMPOSITION.—The Commission shall be  
2 composed of—

3 (A) each of the Secretaries (or designees),  
4 who shall jointly serve as the co-chairpersons of  
5 the Commission;

6 (B) 9 representatives of Federal depart-  
7 ments or agencies, to be appointed by the Sec-  
8 retaries, including—

9 (i) not fewer than 1 representative  
10 from each of—

11 (I) the Bureau of Land Manage-  
12 ment;

13 (II) the National Park Service;

14 (III) the Bureau of Indian Af-  
15 fairs;

16 (IV) the United States Fish and  
17 Wildlife Service; and

18 (V) the Forest Service;

19 (ii) a representative of or liaison to  
20 the Mitigation Framework Leadership  
21 Group of the Federal Emergency Manage-  
22 ment Agency;

23 (iii) a representative to the National  
24 Interagency Coordination Center, which is

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1 part of the National Wildfire Coordination  
2 Group;

3 (iv) a representative from 1 of the co-  
4 ordinating agencies of the Recovery Sup-  
5 port Function Leadership Group; and

6 (v) if the Secretaries determine it to  
7 be appropriate, a representative of any  
8 other Federal department or agency, such  
9 as the Department of Energy, the Environ-  
10 mental Protection Agency, or the Depart-  
11 ment of Defense; and

12 (C) 18 non-Federal stakeholders with ex-  
13 pertise in wildland fire preparedness, mitiga-  
14 tion, suppression, or management, who collec-  
15 tively have a combination of backgrounds, expe-  
16 riences, and viewpoints and are representative  
17 of rural, urban, and suburban areas, to be ap-  
18 pointed by the Secretaries, including—

19 (i) not fewer than 1 State hazard  
20 mitigation officer of a high-risk State (or  
21 a designee);

22 (ii) with preference given to represent-  
23 atives from high-risk States and high-risk  
24 Indian tribal governments, not fewer than  
25 1 representative from each of—

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1 (I) a State department of natural  
2 resources, forestry, or agriculture or a  
3 similar State agency;

4 (II) a State department of energy  
5 or a similar State agency;

6 (III) a county government, with  
7 preference given to counties at least a  
8 portion of which is in the wildland-  
9 urban interface; and

10 (IV) a municipal government,  
11 with preference given to municipalities  
12 at least a portion of which is in the  
13 wildland-urban interface;

14 (iii) with preference given to rep-  
15 resentatives from high-risk States and  
16 high-risk Indian tribal governments, not  
17 fewer than 1 representative from each of—

18 (I) the public utility industry;

19 (II) the property development in-  
20 dustry;

21 (III) Indian tribal governments;

22 (IV) wildland firefighters; and

23 (V) an organization—

24 (aa) described in section  
25 501(c)(3) of the Internal Rev-

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1 enue Code of 1986 and exempt  
2 from taxation under section  
3 501(a) of that Code; and

4 (bb) with expertise in forest  
5 management and environmental  
6 conservation;

7 (iv) not greater than 2 other appro-  
8 priate non-Federal stakeholders, which  
9 may include the private sector; and

10 (v) any other appropriate non-Federal  
11 stakeholders, which may include the pri-  
12 vate sector, with preference given to non-  
13 Federal stakeholders from high-risk States  
14 and high-risk Indian tribal governments.

15 (2) STATE LIMITATION.—Each member of the  
16 Commission appointed under clauses (i) and (ii) of  
17 paragraph (1)(C) shall represent a different State.

18 (3) DATE.—The appointments of the members  
19 of the Commission shall be made not later than 60  
20 days after the date of enactment of this Act.

21 (c) PERIOD OF APPOINTMENT; VACANCIES.—

22 (1) IN GENERAL.—A member of the Commis-  
23 sion shall be appointed for the life of the Commis-  
24 sion.

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1           (2) VACANCIES.—A vacancy in the Commis-  
2           sion—

3                   (A) shall not affect the powers of the Com-  
4           mission; and

5                   (B) shall be filled in the same manner as  
6           the original appointment.

7           (d) MEETINGS.—

8                   (1) INITIAL MEETING.—Not later than 30 days  
9           after the date on which all members of the Commis-  
10          sion have been appointed, the Commission shall hold  
11          the first meeting of the Commission.

12                   (2) FREQUENCY.—The Commission shall meet  
13          not less frequently than once every 30 days.

14                   (3) TYPE.—The Commission may hold meet-  
15          ings, and a member of the Commission may partici-  
16          pate in a meeting, remotely through teleconference,  
17          video conference, or similar means.

18                   (4) QUORUM.—A majority of the members of  
19          the Commission shall constitute a quorum, but a  
20          lesser number of members may hold hearings.

21 **SEC. 50404. DUTIES OF COMMISSION.**

22           (a) REPORT ON RECOMMENDATIONS TO MITIGATE  
23          AND MANAGE WILDLAND FIRES.—

24                   (1) IN GENERAL.—Not later than 1 year after  
25          the date of the first meeting of the Commission, the

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1 Commission shall submit to the appropriate commit-  
2 tees of Congress a report describing recommenda-  
3 tions to prevent, mitigate, suppress, and manage  
4 wildland fires, including—

5 (A) policy recommendations, including rec-  
6 ommendations—

7 (i) to maximize the protection of  
8 human life, community water supplies,  
9 homes, and other essential structures,  
10 which may include recommendations to ex-  
11 pand the use of initial attack strategies;

12 (ii) to facilitate efficient short- and  
13 long-term forest management in residential  
14 and nonresidential at-risk areas, which  
15 may include a review of community wildfire  
16 protection plans;

17 (iii) to manage the wildland-urban  
18 interface;

19 (iv) to manage utility corridors;

20 (v) to rehabilitate land devastated by  
21 wildland fire; and

22 (vi) to improve the capacity of the  
23 Secretary of Agriculture and the Secretary  
24 of the Interior to conduct hazardous fuels  
25 reduction projects;

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1 (B) policy recommendations described in  
2 subparagraph (A) with respect to any rec-  
3 ommendations for—

4 (i) categorical exclusions from the re-  
5 quirement to prepare an environmental im-  
6 pact statement or analysis under the Na-  
7 tional Environmental Policy Act of 1969  
8 (42 U.S.C. 4321 et seq.); or

9 (ii) additional staffing or resources  
10 that may be necessary to more expedi-  
11 tiously prepare an environmental impact  
12 statement or analysis under that Act;

13 (C) policy recommendations for modern-  
14 izing and expanding the use of technology, in-  
15 cluding satellite technology, remote sensing, un-  
16 manned aircraft systems, and any other type of  
17 emerging technology, to prevent, mitigate, sup-  
18 press, and manage wildland fires, including any  
19 recommendations with respect to—

20 (i) the implementation of section 1114  
21 of the John D. Dingell, Jr. Conservation,  
22 Management, and Recreation Act (43  
23 U.S.C. 1748b–1); or

24 (ii) improving early wildland fire de-  
25 tection;

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1 (D) an assessment of Federal spending on  
2 wildland fire-related disaster management, in-  
3 cluding—

4 (i) a description and assessment of  
5 Federal grant programs for States and  
6 units of local government for pre- and  
7 post-wildland fire disaster mitigation and  
8 recovery, including—

9 (I) the amount of funding pro-  
10 vided under each program;

11 (II) the effectiveness of each pro-  
12 gram with respect to long-term forest  
13 management and maintenance; and

14 (III) recommendations to im-  
15 prove the effectiveness of each pro-  
16 gram, including with respect to—

17 (aa) the conditions on the  
18 use of funds received under the  
19 program; and

20 (bb) the extent to which ad-  
21 ditional funds are necessary for  
22 the program;

23 (ii) an evaluation, including rec-  
24 ommendations to improve the effectiveness



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1 in mitigating wildland fires, which may in-  
2 clude authorizing prescribed fires, of—

3 (I) the Building Resilient Infra-  
4 structure and Communities program  
5 under section 203 of the Robert T.  
6 Stafford Disaster Relief and Emer-  
7 gency Assistance Act (42 U.S.C.  
8 5133);

9 (II) the Pre-Disaster Mitigation  
10 program under that section (42  
11 U.S.C. 5133);

12 (III) the Hazard Mitigation  
13 Grant Program under section 404 of  
14 that Act (42 U.S.C. 5170e);

15 (IV) Hazard Mitigation Grant  
16 Program post-fire assistance under  
17 sections 404 and 420 of that Act (42  
18 U.S.C. 5170e, 5187); and

19 (V) such other programs as the  
20 Commission determines to be appro-  
21 priate;

22 (iii) an assessment of the definition of  
23 “small impoverished community” under  
24 section 203(a) of the Robert T. Stafford

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1 Disaster Relief and Emergency Assistance  
2 Act (42 U.S.C. 5133(a)), specifically—

3 (I) the exclusion of the percent-  
4 age of land owned by an entity other  
5 than a State or unit of local govern-  
6 ment; and

7 (II) any related economic impact  
8 of that exclusion; and

9 (iv) recommendations for Federal  
10 budgeting for wildland fires and post-wild-  
11 fire recovery;

12 (E) any recommendations for matters  
13 under subparagraph (A), (B), (C), or (D) spe-  
14 cific to—

15 (i) forest type, vegetation type, or for-  
16 est and vegetation type; or

17 (ii) State land, Tribal land, or private  
18 land;

19 (F)(i) a review of the national strategy de-  
20 scribed in the report entitled “The National  
21 Strategy: The Final Phase in the Development  
22 of the National Cohesive Wildland Fire Man-  
23 agement Strategy” and dated April 2014; and

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1 (ii) any recommendations for changes to  
2 that national strategy to improve its effective-  
3 ness; and

4 (G)(i) an evaluation of coordination of re-  
5 sponse to, and suppression of, wildfires occur-  
6 ring on Federal, Tribal, State, and local land  
7 among Federal, Tribal, State, and local agen-  
8 cies with jurisdiction over that land; and

9 (ii) any recommendations to improve the  
10 coordination described in clause (i).

11 (2) SPECIFIC POLICY RECOMMENDATIONS.—To  
12 the maximum extent practicable, the report de-  
13 scribed in paragraph (1) shall include detailed short-  
14 and long-term policy recommendations, including  
15 any recommendations for Federal legislation.

16 (3) INTERIM REPORTS.—Before the submission  
17 of the report under paragraph (1), on approval of all  
18 members of the Commission, the Commission may  
19 submit to the appropriate committees of Congress 1  
20 or more interim reports, as the Commission deter-  
21 mines to be appropriate, relating to any matters de-  
22 scribed in paragraph (1).

23 (b) REPORT ON AERIAL WILDLAND FIREFIGHTING  
24 EQUIPMENT STRATEGY AND INVENTORY ASSESSMENT.—

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1           (1) SUBMISSION OF INVENTORY TO THE COM-  
2           MISSION.—Not later than 45 days after the date on  
3           which the Commission holds the first meeting of the  
4           Commission, the Secretary of Defense and the heads  
5           of other relevant Federal departments and agencies  
6           shall submit to the Commission an inventory of sur-  
7           plus cargo and passenger aircraft and excess com-  
8           mon-use aircraft parts that may be used for wildland  
9           firefighting purposes, excluding any aircraft or air-  
10          craft parts that are—

11                   (A) reasonably anticipated to be necessary  
12                   for military operations, readiness, or fleet man-  
13                   agement in the future; or

14                   (B) already obligated for purposes other  
15                   than fighting wildland fires.

16          (2) SUBMISSION OF REPORT TO CONGRESS.—  
17          Not later than 90 days after the date on which the  
18          Commission receives the inventory described in para-  
19          graph (1), the Commission shall submit to the ap-  
20          propriate committees of Congress a report outlining  
21          a strategy to meet aerial firefighting equipment  
22          needs through 2030 in the most cost-effective man-  
23          ner, including—

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1 (A) an assessment of the expected number  
2 of aircraft and aircraft parts needed to fight  
3 wildland fires through 2030;

4 (B) an assessment of existing authorities  
5 of the Secretary of Defense and the heads of  
6 other relevant Federal departments and agen-  
7 cies to provide or sell surplus aircraft or air-  
8 craft parts to Federal, State, or local authori-  
9 ties for wildland firefighting use, including—

10 (i) a description of the current use of  
11 each existing authority; and

12 (ii) a description of any additional au-  
13 thorities that are needed for the Secretary  
14 of Defense and the heads of other relevant  
15 Federal departments and agencies to pro-  
16 vide or sell surplus aircraft or aircraft  
17 parts to Federal, State, or local authorities  
18 for wildland firefighting use; and

19 (C) recommendations to ensure the avail-  
20 ability of aircraft and aircraft parts that the  
21 Commission expects will be necessary to fight  
22 wildland fires through 2030 in the most cost-ef-  
23 fective manner.

24 (3) CONSIDERATIONS FOR ACCESSING AIRCRAFT  
25 AND AIRCRAFT PARTS.—In developing the strategy

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1 in the report required under paragraph (2) and the  
2 recommendations under paragraph (2)(C), the Com-  
3 mission shall consider all private and public sector  
4 options for accessing necessary aircraft and aircraft  
5 parts, including procurement, contracting, retro-  
6 fitting, and public-private partnerships.

7 (4) UNCLASSIFIED REPORT.—The inventory  
8 and report submitted under paragraphs (1) and (2),  
9 respectively—

10 (A) shall be unclassified; but

11 (B) may include a classified annex.

12 (c) MAJORITY REQUIREMENT.—Not less than  $\frac{2}{3}$  of  
13 the members of the Commission shall approve the rec-  
14 ommendations contained in each report submitted under  
15 subsection (a) or (b)(2).

16 **SEC. 50405. POWERS OF COMMISSION.**

17 (a) HEARINGS.—The Commission may hold such  
18 hearings, sit and act at such times and places, take such  
19 testimony, and receive such evidence as the Commission  
20 considers advisable to carry out this title.

21 (b) INFORMATION FROM FEDERAL AGENCIES.—

22 (1) IN GENERAL.—The Commission may secure  
23 directly from a Federal department or agency such  
24 information as the Commission considers necessary  
25 to carry out this title.

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1           (2) FURNISHING INFORMATION.—On request of  
2           the Chairpersons of the Commission, the head of the  
3           department or agency shall furnish the information  
4           to the Commission.

5           (c) POSTAL SERVICES.—The Commission may use  
6           the United States mails in the same manner and under  
7           the same conditions as other departments and agencies of  
8           the Federal Government.

9           (d) GIFTS.—The Commission may accept, use, and  
10          dispose of such gifts or donations of services or property  
11          as the Commission considers necessary to carry out this  
12          title.

13   **SEC. 50406. COMMISSION PERSONNEL MATTERS.**

14          (a) NO COMPENSATION.—A member of the Commis-  
15          sion shall serve without compensation.

16          (b) TRAVEL EXPENSES.—A member of the Commis-  
17          sion shall be allowed travel expenses, including per diem  
18          in lieu of subsistence, at rates authorized for employees  
19          of agencies under subchapter I of chapter 57 of title 5,  
20          United States Code, while away from their homes or reg-  
21          ular places of business in the performance of services for  
22          the Commission.

23          (c) STAFF.—

24                  (1) IN GENERAL.—The Chairpersons of the  
25          Commission may, without regard to the civil service

1 laws (including regulations), appoint and terminate  
2 an executive director and such other additional per-  
3 sonnel as may be necessary to enable the Commis-  
4 sion to perform its duties, except that the employ-  
5 ment of an executive director shall be subject to con-  
6 firmation by the Commission.

7 (2) COMPENSATION.—The Chairpersons of the  
8 Commission may fix the compensation of the execu-  
9 tive director and other personnel without regard to  
10 chapter 51 and subchapter III of chapter 53 of title  
11 5, United States Code, relating to classification of  
12 positions and General Schedule pay rates, except  
13 that the rate of pay for the executive director and  
14 other personnel may not exceed the rate payable for  
15 level V of the Executive Schedule under section 5316  
16 of that title.

17 (d) DETAIL OF GOVERNMENT EMPLOYEES.—A Fed-  
18 eral Government employee may be detailed to the Commis-  
19 sion without reimbursement, and such detail shall be with-  
20 out interruption or loss of civil service status or privilege.

21 (e) PROCUREMENT OF TEMPORARY AND INTERMIT-  
22 TENT SERVICES.—The Chairpersons of the Commission  
23 may procure temporary and intermittent services under  
24 section 3109(b) of title 5, United States Code, at rates  
25 for individuals that do not exceed the daily equivalent of



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1 the annual rate of basic pay prescribed for level V of the  
2 Executive Schedule under section 5316 of that title.

3 **SEC. 50407. TERMINATION OF COMMISSION.**

4 The Commission shall terminate on the date that is  
5 180 days after the date on which the Commission has sub-  
6 mitted the reports under subsections (a) and (b) of section  
7 50404.

8 **DIVISION F—OFFSETS**  
9 **TITLE I—EXTENSION OF DIRECT**  
10 **SPENDING REDUCTIONS**  
11 **THROUGH FISCAL YEAR 2031**

12 **SEC. 60101. EXTENSION OF DIRECT SPENDING REDUCTIONS**  
13 **THROUGH FISCAL YEAR 2031.**

14 Section 251A(6) of the Balanced Budget and Emer-  
15 gency Deficit Control Act of 1985 (2 U.S.C. 901a(6)) is  
16 amended—

17 (1) in subparagraph (B), in the matter pre-  
18 ceding clause (i), by striking “2030” and inserting  
19 “2031”; and

20 (2) in subparagraph (C)—

21 (A) in the matter preceding clause (i), by  
22 striking “2030” and inserting “2031”;

23 (B) in clause (i)—

24 (i) by striking “5 1/2” and inserting  
25 “6”;

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1 (ii) by striking “2.0” and inserting  
2 “4.0”; and

3 (iii) by striking the semicolon at the  
4 end and inserting “; and”;  
5 (C) in clause (ii)—

6 (i) by striking “6-month period begin-  
7 ning on the day after the last day of the  
8 period described in clause (i)” and insert-  
9 ing “second 6 months”;

10 (ii) by striking “4.0” and inserting  
11 “0”; and

12 (iii) by striking “; and” and inserting  
13 a period; and

14 (D) by striking clause (iii).

15 **TITLE II—STRATEGIC**  
16 **PETROLEUM RESERVE**

17 **SEC. 60201. STRATEGIC PETROLEUM RESERVE DRAWDOWN**  
18 **AND SALE.**

19 (a) DRAWDOWN AND SALE.—

20 (1) IN GENERAL.—Notwithstanding section 161  
21 of the Energy Policy and Conservation Act (42  
22 U.S.C. 6241), except as provided in subsections (b)  
23 and (c), the Secretary of Energy shall draw down  
24 and sell from the Strategic Petroleum Reserve

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1 87,600,000 barrels of crude oil during the period of  
2 fiscal years 2028 through 2031.

3 (2) TIMING.—Subject to paragraph (1) and  
4 subsection (c)(1), in determining the timing of each  
5 drawdown and sale from the Strategic Petroleum  
6 Reserve during the period of fiscal years 2028  
7 through 2031 under paragraph (1), to the maximum  
8 extent practicable, the Secretary shall maximize the  
9 financial return to the United States taxpayers.

10 (3) DEPOSIT OF AMOUNTS RECEIVED FROM  
11 SALE.—Amounts received from a sale under para-  
12 graph (1) shall be deposited in the general fund of  
13 the Treasury during the fiscal year in which the sale  
14 occurs.

15 (4) SPR PETROLEUM ACCOUNT.—The Sec-  
16 retary of the Treasury shall deposit in the SPR Pe-  
17 troleum Account established under section 167(a) of  
18 the Energy Policy and Conservation Act (42 U.S.C.  
19 6247(a)) \$43,500,000, to be used to carry out para-  
20 graph (1) in accordance with section 167 of the En-  
21 ergy Policy and Conservation Act (42 U.S.C. 6247).

22 (b) EMERGENCY PROTECTION.—The Secretary of  
23 Energy shall not draw down and sell crude oil under sub-  
24 section (a) in a quantity that would limit the authority  
25 to sell petroleum products under subsection (h) of section

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1 161 of the Energy Policy and Conservation Act (42 U.S.C.  
2 6241) in the full quantity authorized by that subsection.

3 (c) LIMITATIONS.—

4 (1) IN GENERAL.—The Secretary of Energy  
5 shall not draw down or conduct sales of crude oil  
6 under subsection (a) after the date on which a total  
7 of \$6,100,000,000 has been deposited in the general  
8 fund of the Treasury from sales authorized under  
9 that subsection.

10 (2) MINIMUM VOLUME.—Section 161(h)(2) of  
11 the Energy Policy and Conservation Act (42 U.S.C.  
12 6241(h)(2)) is amended by striking “340,000,000”  
13 each place it appears and inserting “252,400,000”.

14 **TITLE III—UNEMPLOYMENT IN-**  
15 **SURANCE PROGRAM INTEG-**  
16 **RITY**

17 **Subtitle A—Fighting Fraud and**  
18 **Enhancing Processes**

19 **SEC. 60301. GRANT PROGRAM TO ASSIST STATES IN FIGHT-**  
20 **ING FRAUD AND ENHANCING PROCESSES.**

21 (a) PROGRAM.—The Secretary shall establish a pro-  
22 gram to provide grants to States to improve the adminis-  
23 tration of their unemployment insurance program, includ-  
24 ing by—

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1 (1) preventing and responding to fraud, with a  
2 focus on fraud that involves identity theft or any or-  
3 ganized criminal network;

4 (2) improving the timeliness of the delivery of  
5 unemployment compensation;

6 (3) ensuring access and equity in the delivery of  
7 unemployment compensation;

8 (4) improving administrative efficiency; and

9 (5) other means determined appropriate by the  
10 Secretary.

11 (b) FUNDING.—For purposes of carrying out this  
12 section, there is authorized to be appropriated to the Sec-  
13 retary \$500,000,000 for fiscal year 2022, to remain avail-  
14 able until expended.

## 15 **Subtitle B—Identity Verification** 16 **and Account Authentication**

### 17 **SEC. 60311. USE OF DIGITAL IDENTITY PROOFING TOOLS** 18 **THAT ARE COMPLIANT WITH STANDARDS ES-** 19 **TABLISHED BY THE NATIONAL INSTITUTE OF** 20 **STANDARDS AND TECHNOLOGY.**

21 (a) REQUIREMENT.—

22 (1) IN GENERAL.—Section 303 of the Social  
23 Security Act (42 U.S.C. 503) is amended by adding  
24 at the end the following new subsection:

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1           “(n) USE OF DIGITAL IDENTITY PROOFING TOOLS  
2 THAT MEET CERTAIN STANDARDS.—

3           “(1) IN GENERAL.—The State agency charged  
4 with administration of the State law shall—

5           “(A) use digital identity proofing tools that  
6 are compliant with standards established by the  
7 National Institute of Standards and Tech-  
8 nology, as designated by the Secretary; and

9           “(B) have in place an alternative to digital  
10 identity proofing tools for applicants and claim-  
11 ants who are unable to use such tools.

12           “(2) REQUIREMENTS.—The State shall ensure  
13 that the tools described in paragraph (1)(A) and the  
14 alternative described in paragraph (1)(B) comply  
15 with any performance measures established by the  
16 Secretary to ensure that such tools and alternative  
17 do not—

18           “(A) result in the flagging of claims based  
19 on the personal characteristics of the applicant  
20 or claimant, such as race, color, religion, sex,  
21 national origin, age, disability, or political affili-  
22 ation or belief; or

23           “(B) significantly negatively affect the  
24 timeliness of the delivery of unemployment com-  
25 pensation.

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1           “(3) ENFORCEMENT.—Whenever the Secretary  
2           of Labor, after reasonable notice and opportunity for  
3           hearing to the State agency charged with the admin-  
4           istration of the State law, finds that there is a fail-  
5           ure to comply substantially with the requirements of  
6           this subsection, the Secretary of Labor shall notify  
7           such State agency that further payments will not be  
8           made to the State until the Secretary of Labor is  
9           satisfied that there is no longer any such failure.  
10          Until the Secretary of Labor is so satisfied, such  
11          Secretary shall make no future certification to the  
12          Secretary of the Treasury with respect to the  
13          State.”.

14           (2) EFFECTIVE DATE.—The amendment made  
15          by paragraph (1) shall apply to weeks of unemploy-  
16          ment beginning on or after the earlier of—

17                   (A) the date the State changes its statutes,  
18                   regulations, or policies in order to comply with  
19                   such amendment; or

20                   (B) December 31, 2023.

21          (b) GRANT PROGRAM.—

22           (1) PROGRAM.—The Secretary shall establish a  
23          program to provide grants to States—

24                   (A) to comply with section 303(n) of the  
25          Social Security Act, as added by subsection (a);

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1 (B) in the case of States that already meet  
2 the requirement under paragraph (1)(A) of  
3 such section, to reimburse the State for—

4 (i) expenses incurred after March 1,  
5 2020, in meeting such requirement; and

6 (ii) ongoing support for continuing to  
7 meet such requirement; and

8 (C) for other purposes related to identity  
9 verification determined appropriate by the Sec-  
10 retary.

11 (2) FUNDING.—For purposes of carrying out  
12 this subsection, there is authorized to be appro-  
13 priated to the Secretary \$500,000,000 for fiscal year  
14 2022, to remain available until expended.

15 **SEC. 60312. PLAN FOR FEDERAL DIGITAL IDENTITY**  
16 **VERIFICATION PROGRAM.**

17 (a) DEFINITIONS.—In this section:

18 (1) APPROPRIATE CONGRESSIONAL COMMIT-  
19 TEES.—The term “appropriate congressional com-  
20 mittees” means—

21 (A) the Committee on Agriculture, Nutri-  
22 tion, and Forestry, the Committee on Appro-  
23 priations, the Committee on Finance, the Com-  
24 mittee on Health, Education, Labor, and Pen-  
25 sions, and the Committee on Homeland Secu-



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1 rity and Governmental Affairs of the Senate;  
2 and

3 (B) the Committee on Agriculture, the  
4 Committee on Appropriations, the Committee  
5 on Education and Labor, the Committee on Fi-  
6 nancial Services, the Committee on Homeland  
7 Security, the Committee on Oversight and Re-  
8 form, and the Committee on Ways and Means  
9 of the House of Representatives.

10 (2) DIRECTOR.—The term “Director” means  
11 the Director of the Office of Management and Budg-  
12 et.

13 (3) FEDERAL PROGRAM.—The term “Federal  
14 program” means any program or activity of the Fed-  
15 eral Government, including Federal—

16 (A) financial assistance programs;

17 (B) benefits programs; and

18 (C) tax expenditure programs.

19 (b) ASSESSMENT.—Not later than 120 days after the  
20 date of enactment of this Act, the Director shall submit  
21 to the appropriate congressional committees a detailed  
22 feasibility assessment relating to the creation of a com-  
23 prehensive Federal digital identity verification program,  
24 which shall include—

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1           (1) an assessment of the challenges of creating  
2           the program and the resources required to create the  
3           program; and

4           (2) an analysis of Government-wide efforts as  
5           of the date of enactment of this Act to—

6                   (A) prevent identity fraud;

7                   (B) uphold program integrity; and

8                   (C) provide equitable access to Federal  
9                   programs with respect to digital identity.

10          (c) CONTENTS OF ASSESSMENT.—The feasibility as-  
11          sessment required under subsection (b) shall include, as  
12          appropriate—

13               (1) an inventory and analysis of the ways in  
14               which agencies and State, local, Tribal, and terri-  
15               torial governments conduct or plan to conduct iden-  
16               tity verification processes;

17               (2) an inventory of—

18                   (A) Federal, State, local, Tribal, and terri-  
19                   torial agencies that—

20                           (i) issue identity information or cre-  
21                           dentials; or

22                           (ii) hold information relating to iden-  
23                           tifying an individual; and

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1 (B) ways in which the agencies described  
2 in subparagraph (A) could potentially support  
3 digital identity verification solutions;

4 (3) a description, as of the date of enactment  
5 of this Act, of the legal or technical barriers pre-  
6 venting Federal and State agencies from obtaining  
7 the necessary information from each other to verify  
8 the identity of an applicant for a Federal program;

9 (4) a description of the efforts of the Federal  
10 Government to enhance identity verification proc-  
11 esses, in whole or in part, in not less than 1 Federal  
12 program, including any recommendations of the  
13 Joint Financial Management Improvement Program;

14 (5) any recommended updates to standards, in-  
15 cluding digital identity proofing standards or com-  
16plementary guidance, used by the Federal Govern-  
17ment to support identity verification, program integ-  
18rity, and equitable access to Federal programs;

19 (6) an inventory of—

20 (A) the types of data collected by the Fed-  
21eral Government to verify identities across Fed-  
22eral programs; and

23 (B) the challenges in the collection, shar-  
24ing, and use of information across Federal pro-  
25grams to verify identities;

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1 (7) an analysis of—

2 (A) the equity considerations associated  
3 with the use of digital identity verification, in-  
4 cluding—

5 (i) challenges faced by the poor in ob-  
6 taining identity credentials;

7 (ii) risks to privacy; and

8 (iii) impacts to service delivery of  
9 Federal programs; and

10 (B) how the creation of a comprehensive  
11 Federal digital identity verification program  
12 would help mitigate the risks identified under  
13 subparagraph (A);

14 (8) a list of opportunities to—

15 (A) strengthen Government-wide data se-  
16 curity;

17 (B) implement appropriate privacy con-  
18 trols;

19 (C) protect users against prejudice based  
20 on inherent or acquired characteristics in any  
21 data sharing and identification verification ac-  
22 tivities; and

23 (D) improve the digital identity verification  
24 and management processes of Federal, State,  
25 local, Tribal, and territorial governments for

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1 the purpose of enhancing the security, reli-  
2 ability, privacy, and convenience of digital iden-  
3 tity solutions that support and protect trans-  
4 actions between individuals, governmental enti-  
5 ties, and businesses;

6 (9) recommendations for qualitative and quan-  
7 titative performance metrics collected during the cre-  
8 ation of a comprehensive Federal digital identity  
9 verification program and information on how the  
10 program would—

11 (A) enhance the prevention of identity  
12 fraud;

13 (B) improve payment integrity; and

14 (C) increase equitable access; and

15 (10) any other analysis, findings, cost esti-  
16 mates, justifications, or recommendations of the Di-  
17 rector.

18 (d) COORDINATION.—In developing recommendations  
19 to include in the feasibility assessment required under sub-  
20 section (b), the Director, in coordination with the Director  
21 of the Cybersecurity and Infrastructure Security Agency,  
22 the Under Secretary of Commerce for Standards and  
23 Technology, and the Chairs of the Chief Information Offi-  
24 cers Council, the Chief Financial Officers Council, the Pri-  
25 vacy and Civil Liberties Oversight Board, and the Federal

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1 Privacy Council, shall ensure that those recommendations  
2 take into account appropriate—

- 3 (1) privacy controls;
- 4 (2) payment integrity measures; and
- 5 (3) information security practices.

6 (e) CONSULTATION.—In developing the feasibility as-  
7 sessment required under subsection (b), the Director shall  
8 consult with—

- 9 (1) the Secretary of Labor;
- 10 (2) the Secretary of the Treasury;
- 11 (3) the Secretary of Agriculture;
- 12 (4) the Secretary of Health and Human Serv-  
13 ices;
- 14 (5) the Administrator of General Services;
- 15 (6) the Commissioner of the Social Security Ad-  
16 ministration;
- 17 (7) the Commissioner of the Internal Revenue  
18 Service;
- 19 (8) the Director of the Office of Personnel  
20 Management;
- 21 (9) the Director of the Cybersecurity and Infra-  
22 structure Security Agency;
- 23 (10) the Postmaster General;
- 24 (11) the Under Secretary of Commerce for  
25 Standards and Technology;

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1 (12) the Council of the Inspectors General on  
2 Integrity and Efficiency;

3 (13) representatives from State, local, Tribal,  
4 and territorial governments who are responsible for  
5 the detection of fraud and the verification of identi-  
6 ties within and across Federal programs;

7 (14) privacy and civil liberties advocates;

8 (15) organizations representing beneficiaries  
9 and recipients of Federal assistance programs, in-  
10 cluding nonprofit organizations and community ad-  
11 vocates;

12 (16) digital service experts that focus on user-  
13 centered design and development practices through  
14 the use of modern product development techniques,  
15 such as—

16 (A) user research and design;

17 (B) incremental and iterative outcome-  
18 driven delivery practices; and

19 (C) software development procurement and  
20 funding practices;

21 (17) industry stakeholders that—

22 (A) provide solutions, or may provide solu-  
23 tions, that address payment integrity, identity  
24 verification, or equitable access in programs of

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1 the Federal Government or State, local, Tribal,  
2 and territorial governments; or

3 (B) rely on the solutions described in sub-  
4 paragraph (A) to support sector transactions;  
5 and

6 (18) other stakeholders identified by the Direc-  
7 tor.

8 **Subtitle C—Unemployment Insur-**  
9 **ance Information Technology**  
10 **Modernization**

11 **SEC. 60321. MODERNIZATION OF TECHNOLOGY FOR DELIV-**  
12 **ERING UNEMPLOYMENT COMPENSATION.**

13 Title IX of the Social Security Act (42 U.S.C. 1101  
14 et seq.) is amended by adding at the end the following:

15 **“SEC. 912. MODERNIZATION OF TECHNOLOGY FOR DELIV-**  
16 **ERING UNEMPLOYMENT COMPENSATION.**

17 **“(a) ESTABLISHMENT.—**

18 **“(1) IN GENERAL.—**Not later than 6 months  
19 after the date of enactment of this section, the Sec-  
20 retary shall begin developing a modular set of Fed-  
21 eral technology capabilities to modernize the delivery  
22 of unemployment compensation (in this section re-  
23 ferred to as the ‘technology capabilities’) that shall  
24 be operated and maintained by the Secretary. In cre-  
25 ating Federal information systems and expending



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1 funds on the technology capabilities under this sec-  
2 tion, the Secretary shall comply with the require-  
3 ments under subchapter II of chapter 113 of title  
4 40, United States Code, and subchapter II of chap-  
5 ter 35 of title 44, United States Code, including any  
6 implementation guidance for such subchapters  
7 issued by the Director of the Office of Management  
8 and Budget.

9 “(2) PURPOSES.—The purposes of developing  
10 the technology capabilities are the following:

11 “(A) For such capabilities to be utilized  
12 for any Federal administrative function associ-  
13 ated with the provision of unemployment com-  
14 pensation.

15 “(B) To provide States with modular, open  
16 system technology capabilities and shared serv-  
17 ices to administer their unemployment com-  
18 pensation programs.

19 “(3) CONSULTATION.—In developing, operating,  
20 and maintaining the technology capabilities under  
21 paragraph (1), the Secretary shall—

22 “(A) consult with the Administrator; and

23 “(B) consult, design, and conduct usability  
24 testing with—

25 “(i) current and former claimants;

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1 “(ii) employers that participate in un-  
2 employment compensation programs;

3 “(iii) employees of State agencies  
4 charged with the administration of State  
5 unemployment compensation law;

6 “(iv) experts in technology and user  
7 experience;

8 “(v) Federal administrators of unem-  
9 ployment compensation;

10 “(vi) any other potential user of the  
11 technology capabilities, as deemed appro-  
12 priate by the Secretary; and

13 “(vii) subject matter experts, as  
14 deemed appropriate by the Secretary.

15 “(b) REQUIREMENTS.—

16 “(1) IN GENERAL.—The technology capabilities  
17 shall—

18 “(A) incorporate a modular open systems  
19 approach and include modular components for  
20 functions necessary to administer an unemploy-  
21 ment compensation program, which may in-  
22 clude—

23 “(i) receiving, processing, and paying  
24 claims for unemployment compensation, in-  
25 cluding disaster unemployment assistance

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1 under section 410(a) of the Robert T.  
2 Stafford Disaster Relief and Emergency  
3 Assistance Act (42 U.S.C. 5177(a));

4 “(ii) online claim filing;

5 “(iii) the determination of claimant  
6 eligibility;

7 “(iv) the collection of unemployment  
8 taxes;

9 “(v) the submission of employer wage  
10 records;

11 “(vi) the appeals and adjudication  
12 processes for claimants and employers;

13 “(vii) sharing relevant data among  
14 States and the Secretary; and

15 “(viii) any other functionality that ad-  
16 dresses the issues and goals identified dur-  
17 ing the pre-development study described in  
18 subsection (c)(1);

19 “(B) comply with best practices and stand-  
20 ards for privacy and cybersecurity, including  
21 digital identity proofing services, identified in  
22 consultation with the Director of the National  
23 Institute of Standards and Technology and the  
24 Director of the Cybersecurity and Infrastruc-  
25 ture Security Agency;

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1           “(C) prioritize end-to-end user experience  
2 for claimants, employers, and administrators of  
3 unemployment compensation programs;

4           “(D) include technology capabilities that  
5 allow for the storage, use, and exchange of data  
6 required by States and the Secretary to admin-  
7 ister unemployment compensation programs  
8 (with the respective States retaining possession  
9 of such data without regard to the storage, use,  
10 or exchange of such data in the technology ca-  
11 pabilities);

12           “(E) provide States with the option to use  
13 only some of the modular components of the  
14 technology capabilities while continuing to uti-  
15 lize State technology;

16           “(F) provide for the adaptation of the  
17 modular components of the technology capabili-  
18 ties to meet the unique requirements of States’  
19 unemployment compensation laws;

20           “(G) support the timely and accurate pay-  
21 ment of benefits, including measures to mini-  
22 mize susceptibility to attacks by organized  
23 criminal networks seeking to defraud State or  
24 Federal unemployment compensation programs;  
25 and

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1           “(H) allow for the development of tech-  
2 nology capabilities that would facilitate—

3           “(i) the electronic transmission of re-  
4 quests for information relating to inter-  
5 state claims for unemployment compensa-  
6 tion;

7           “(ii) the cross-matching of claimants  
8 of unemployment compensation against  
9 databases and claim information from mul-  
10 tiple States to prevent and detect fraud  
11 and improper payments; and

12           “(iii) real-time cross-matching of all  
13 unemployment compensation claims.

14           “(2) ACCESSIBILITY REQUIREMENTS FOR ON-  
15 LINE CLAIM FILING.—With respect to the online  
16 claim filing component described in paragraph  
17 (1)(A)(ii), such component shall—

18           “(A) ensure that the process of filing ini-  
19 tial and continuing claims for unemployment  
20 compensation can be readily understood and ac-  
21 complished by the vast majority of claimants,  
22 including individuals with limited English pro-  
23 ficiency, individuals with disabilities (in compli-  
24 ance with section 508 of the Rehabilitation Act

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1 of 1973 (29 U.S.C. 794d)), older individuals,  
2 and individuals with literacy challenges;

3 “(B) be available in any language spoken  
4 by more than 1 percent of the national popu-  
5 lation or of any State’s population (with such  
6 translations completed by human translators  
7 rather than translation software) and comply  
8 with the requirements of the Plain Writing Act  
9 of 2010 (5 U.S.C. 301 note);

10 “(C) be accessible and optimized for all  
11 commonly used desktop computers, tablets, and  
12 mobile devices and operating systems such that  
13 any features of the online claim filing compo-  
14 nent (such as the ability to upload documenta-  
15 tion) that are available in the desktop version  
16 of the online claim filing component are also  
17 available in the tablet and mobile versions;

18 “(D) allow for electronic submission of  
19 documentation required to support a claim, in-  
20 cluding the ability of claimants to scan or pho-  
21 tograph and submit documentation using a tab-  
22 let or mobile device;

23 “(E) be available 24 hours a day, 7 days  
24 a week, with the exception of scheduled and

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1 emergency maintenance that shall be conducted,  
2 to the extent practicable, at nonpeak hours;

3 “(F) provide self-service account recovery  
4 that can be completed online; and

5 “(G) deploy multiple methods of commu-  
6 nication with claimants, such as short message  
7 service (SMS) message, email, postal mail, live  
8 chat, or chatbots.

9 “(3) REQUIREMENTS REGARDING HIGH-RISK  
10 AUTOMATED DECISION SYSTEMS.—If any part of the  
11 technology capabilities relies on a high-risk auto-  
12 mated decision system, the Secretary shall—

13 “(A) set standards for the use of such sys-  
14 tem, including requirements that such system  
15 may not be solely relied on for—

16 “(i) any decision involving findings of  
17 fraud;

18 “(ii) the establishment of benefit over-  
19 payments;

20 “(iii) any eligibility determination re-  
21 garding the assessment of a claimant’s in-  
22 tent;

23 “(iv) any eligibility determination in-  
24 volving a disagreement between employer-

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1 reported information and claimant-re-  
2 ported information; or

3 “(v) any determination denying a  
4 claimant the right to appeal an unemploy-  
5 ment compensation decision;

6 “(B) consult with experts in the Federal  
7 Government (including the Director of the Na-  
8 tional Institute of Standards and Technology  
9 and the Director of the National Science Foun-  
10 dation), regarding the potential benefits and  
11 risks of a high-risk automated decision system,  
12 including how the use of such a system may im-  
13 pact the due process rights of claimants.

14 “(C) establish clear methods to measure  
15 the accuracy of such high-risk automated deci-  
16 sion system;

17 “(D) ensure that such high-risk automated  
18 decision system does not discriminate on the  
19 basis of race, gender, ethnicity, disability sta-  
20 tus, or other personal characteristics as deter-  
21 mined by the Secretary, and prevents any in-  
22 crease in such bias;

23 “(E) develop algorithmic impact assess-  
24 ments, incorporating public feedback and expert  
25 agency review, to proactively assess the neces-



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1           sity of additional formal policies and safeguards  
2           to mitigate risks;

3           “(F) establish transparency requirements  
4           that include an annual public disclosure of any  
5           use of a high-risk automated decision system, a  
6           plain language explanation of the decision-mak-  
7           ing structure of such high-risk automated deci-  
8           sion system, and the details regarding such use  
9           and related outcomes; and

10           “(G) establish best practices for training  
11           any relevant employee of the Department or of  
12           a State agency to reduce the impact of automa-  
13           tion bias.

14           “(c) PRE-DEVELOPMENT STUDY AND REPORT.—

15           “(1) STUDY.—Prior to the development of the  
16           technology capabilities under subsection (a) or the  
17           procurement of such technology capabilities under  
18           subsection (g), the Secretary, in consultation with  
19           the Administrator, shall conduct a study assessing  
20           the technology needs of Federal and State unem-  
21           ployment compensation programs. Such study shall  
22           consider the following:

23           “(A) The Federal and State capabilities  
24           that need to be upgraded or replaced to ensure

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1 the smooth administration of their respective  
2 unemployment compensation programs.

3 “(B) How to design and develop a Feder-  
4 ally maintained system that serves the needs of  
5 both the Federal Government and each of the  
6 State unemployment compensation programs.

7 “(C) The features necessary to effectively  
8 respond to rapid changes in volume in times of  
9 emergency, including features that enable easy  
10 adaptation of, and updates to, such technology  
11 capabilities in order to implement new rules or  
12 benefits.

13 “(D) The features necessary to ensure the  
14 technology capabilities have the capacity to han-  
15 dle an increased number of claims during peri-  
16 ods of high unemployment.

17 “(E) How the technology capabilities can  
18 prioritize claimant experience and ensure acces-  
19 sibility, including by soliciting feedback from  
20 claimants and claimant representatives during  
21 the development process.

22 “(F) How the technology capabilities can  
23 ensure effective and equitable delivery of unem-  
24 ployment compensation, including the following:

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1           “(i) The standardization of data col-  
2           lection and reporting across States to fa-  
3           cilitate administration and interoperability.

4           “(ii) The features that will facilitate  
5           accurate and timely delivery of benefits  
6           and reduce the time from application to, if  
7           eligible, benefit payment.

8           “(iii) The features that will help to  
9           identify and prevent organized fraud  
10          schemes without causing unreasonable  
11          delays for legitimate claimants or penal-  
12          izing mistakes.

13          “(iv) The appropriate level of ongoing  
14          audit and analysis needed to evaluate the  
15          effectiveness and equitability of the deliv-  
16          ery of unemployment compensation.

17          “(v) How privacy-protective data use  
18          and exchange between government entities  
19          and privacy-protective public reporting  
20          could be utilized to improve and ensure ef-  
21          fective and equitable delivery of unemploy-  
22          ment compensation.

23          “(G) How the technology capabilities can  
24          improve the employer experience, including tax

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1 payment, the submission of wage information,  
2 and the verification of claim information.

3 “(H) How the technology capabilities can  
4 improve processes for employees of State agen-  
5 cies.

6 “(I) The information security measures  
7 necessary to protect claimants’ personal data  
8 while enabling auditing and research, including  
9 recommendations for privacy-protective tech-  
10 nologies, such as secure multi-party computa-  
11 tion, that can enable such auditing and re-  
12 search in a manner that does not involve shar-  
13 ing data on individual claimants.

14 “(J) How the technology capabilities can  
15 improve data sharing among States and the  
16 Federal Government with respect to reciprocity,  
17 benefit levels, timeliness, and accuracy, and any  
18 possible changes to State or Federal confiden-  
19 tiality requirements that could facilitate data  
20 sharing without raising privacy or cybersecurity  
21 concerns.

22 “(K) How the technology capabilities can  
23 minimize disparities in unemployment com-  
24 pensation reciprocity by race, gender, ethnicity,

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1           disability status, income, or occupation, and  
2           prevent any increase in such disparities.

3           “(L) Potential approaches for development  
4           or procurement of the technology capabilities,  
5           including, for each approach presented, range  
6           estimates for development, implementation, and  
7           operational costs, and range estimates of capa-  
8           bility delivery schedules.

9           “(2) REPORT.—Not later than 6 months after  
10          the date of enactment of this section, the Secretary,  
11          in consultation with the Administrator, shall submit  
12          to Congress a report containing the results of the  
13          study conducted under paragraph (1), together with  
14          the Department’s strategy for development and pro-  
15          curement of the technology capabilities, including  
16          any recommendations for such legislation and ad-  
17          ministrative action as the Secretary determines ap-  
18          propriate.

19          “(d) DIGITAL SERVICES TEAM.—

20                 “(1) ESTABLISHMENT.—The Secretary, in con-  
21                 sultation with the Administrator and the Chief In-  
22                 formation Officer of the Department (in this section  
23                 referred to as the ‘CIO’), shall establish in the De-  
24                 partment a Digital Services Team (in this section re-  
25                 ferred to as the ‘Team’).

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1 “(2) MEMBERSHIP.—The Team shall include—

2 “(A) technology experts;

3 “(B) user experience experts;

4 “(C) an experienced technical team leader  
5 with experience in human-centered design and  
6 modern software development practices; and

7 “(D) any other member deemed appro-  
8 priate by the Secretary.

9 “(3) DUTIES.—The Team shall carry out the  
10 following duties:

11 “(A) Assist the Secretary and the CIO in  
12 the development, operation, and maintenance of  
13 the technology capabilities under subsection (a).

14 “(B) After the development and deploy-  
15 ment of the technology capabilities under sub-  
16 section (a) is complete, assist the Secretary and  
17 the CIO in operating and overseeing the main-  
18 tenance and continued improvement of the tech-  
19 nology capabilities, including by providing tech-  
20 nological assistance—

21 “(i) to State agencies; and

22 “(ii) to States seeking to adapt their  
23 State databases to interface with the Fed-  
24 eral technology capabilities described in  
25 subsection (b)(1)(E).

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1           “(C) Ensure the Department has sufficient  
2           in-house technical expertise and procurement  
3           support.

4           “(D) Assist the Department with tech-  
5           nology needs.

6           “(E) Advise the Secretary on the use of  
7           modern software development practices, includ-  
8           ing human-centered design, and continuously  
9           improve service delivery.

10          “(F) Engage in such other activities  
11          deemed appropriate by the Secretary.

12          “(4) STAFF AND RESOURCES.—The Secretary  
13          shall ensure that the Team has such staff, resources,  
14          and access to information as may be necessary to  
15          carry out the duties of the Team.

16          “(5) DIGITAL SERVICES TEAM FUNDING.—For  
17          purposes of carrying out this subsection, there is au-  
18          thorized to be appropriated to the Secretary  
19          \$50,000,000 for fiscal year 2022, to remain avail-  
20          able until expended.

21          “(e) PILOT PROGRAM.—Prior to making the tech-  
22          nology capabilities available to all States, the Secretary  
23          shall select not fewer than 4 States to participate in a  
24          pilot program to test the technology capabilities and dem-  
25          onstrate that such technology capabilities meet the re-

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1 requirements and end-to-end user experience needs estab-  
2 lished by this Act, including those identified in the pre-  
3 development study described in subsection (e)(1).

4 “(f) DATA SHARING.—To enable the storage, use,  
5 and exchange of data as part of the technology capabilities  
6 for States to administer their unemployment compensa-  
7 tion programs, the Secretary shall—

8 “(1) establish any required Computer Matching  
9 Agreements in accordance with the Computer  
10 Matching and Privacy Protection Act of 1988 (5  
11 U.S.C. 552a note) or any other related Federal law  
12 or regulation;

13 “(2) determine appropriate aggregate data to  
14 share on a regular basis with the public through the  
15 Data.gov internet website pursuant to the Founda-  
16 tions for Evidence-Based Policy Making Act of 2018  
17 (5 U.S.C. 101 note);

18 “(3) establish appropriate controls and moni-  
19 toring to limit the storage, use, and exchange of  
20 data only to data that is necessary for the purposes  
21 described in paragraphs (1) and (2) of subsection  
22 (h); and

23 “(4) establish a data retention policy for retain-  
24 ing or archiving historical unemployment compensa-



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1       tion program data from the technology capabilities  
2       as deemed appropriate.

3       “(g) PROCUREMENT AND CONTRACTS WITH PRI-  
4 VATE VENDORS.—If the Secretary contracts with a pri-  
5 vate vendor to procure or develop or assist with the devel-  
6 opment of the technology capabilities under subsection (a),  
7 the Secretary shall—

8               “(1) ensure that any agreement with such pri-  
9 vate vendor stipulates that the resulting technology  
10 capabilities and associated research, applications,  
11 automated processes, and associated metadata shall  
12 be the proprietary information of the Federal Gov-  
13 ernment;

14               “(2) follow best practices for Government IT  
15 procurement to de-risk projects;

16               “(3) to the extent practicable, provide that the  
17 development of the technology capabilities shall be  
18 performed using a modular open systems approach;  
19 and

20               “(4) provide funding based on the achievement  
21 of performance metrics designated by the Secretary.

22       “(h) GUARDRAILS FOR DATA.—Any data collected,  
23 generated, or maintained by the Department as part of  
24 the technology capabilities—

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1           “(1) may only be used by the Secretary for the  
2 purposes of unemployment compensation program  
3 administration and to conduct research, evaluation,  
4 and performance assessment of unemployment com-  
5 pensation programs and Federally-funded employ-  
6 ment-related programs administered by the Depart-  
7 ment;

8           “(2) may only be re-disclosed by the Secretary  
9 to Federal officials for the purposes of unemploy-  
10 ment compensation program administration, includ-  
11 ing detecting and preventing fraud, promoting equi-  
12 table access, and ensuring the timely payment of  
13 benefits; and

14           “(3) shall be appropriately and securely stored  
15 following best practices identified in consultation  
16 with the Director of the National Institute of Stand-  
17 ards and Technology and the Director of the Cyber-  
18 security and Infrastructure Security Agency.

19           “(i) OVERSIGHT.—

20           “(1) OVERSIGHT.—During and after the devel-  
21 opment of the technology capabilities under sub-  
22 section (a), the Secretary shall—

23           “(A) respond to requests from Congress  
24 for updates on the development of the tech-  
25 nology capabilities; and

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1           “(B) participate in oversight hearings and  
2           demonstrations of the technology capabilities as  
3           requested by Congress.

4           “(2) PUBLICLY AVAILABLE STATUS.—Not later  
5           than 6 months after the date of enactment of this  
6           section, the Secretary shall establish and maintain  
7           publicly available content, available on the internet  
8           website of the Department, that provides the status  
9           of—

10           “(A) the technology capabilities being de-  
11           veloped under this section;

12           “(B) the metrics of success for such devel-  
13           opment;

14           “(C) the results from piloting and testing  
15           of such technology capabilities; and

16           “(D) the deployment of such technology  
17           capabilities in each of the States and the Fed-  
18           eral Government.

19           “(j) TECHNOLOGY CAPABILITIES MODERNIZATION  
20 FUNDING.— For purposes of carrying out this section  
21 (other than subsection (d)), there is authorized to be ap-  
22 propriated to the Secretary \$1,850,000,000 for fiscal year  
23 2022, to remain available until expended.

24           “(k) DEFINITIONS.—In this section:

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1           “(1) ADMINISTRATOR.—The term ‘Adminis-  
2           trator’ means the Administrator of the United  
3           States Digital Service.

4           “(2) AUTOMATED DECISION SYSTEM.—The  
5           term ‘automated decision system’ means a computa-  
6           tional process, including one derived from machine  
7           learning, statistics, or other data processing or arti-  
8           ficial intelligence techniques, that makes a decision  
9           or facilitates human decision making that impacts  
10          claimants.

11          “(3) AUTOMATION BIAS.—The term ‘automa-  
12          tion bias’ means the tendency for humans to over-  
13          rely on the recommendation of an automated deci-  
14          sion system, to place overconfidence in such rec-  
15          ommendation based on perceived superiority to ana-  
16          log or human processes, or to ignore evidence that  
17          would indicate the automated decision system has  
18          made an error.

19          “(4) CLAIMANT.—The term ‘claimant’ means a  
20          claimant for unemployment compensation, including  
21          an applicant who has not yet been determined eligi-  
22          ble for unemployment compensation.

23          “(5) DEPARTMENT.—The term ‘Department’  
24          means the Department of Labor.

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1           “(6) HIGH-RISK AUTOMATED DECISION SYS-  
2           TEM.—The term ‘high-risk automated decision sys-  
3           tem’ means an automated decision system that—

4                   “(A) poses a significant risk—

5                           “(i) to the privacy or security of per-  
6                           sonal information of claimants; or

7                           “(ii) of resulting in or contributing to  
8                           inaccurate, unfair, biased, or discrimina-  
9                           tory decisions impacting claimants;

10                   “(B) makes decisions, or facilitates human  
11                   decision making, based on systematic evalua-  
12                   tions of current and historical claimant data,  
13                   including attempts to analyze or predict sen-  
14                   sitive aspects of claimants’ lives or characteris-  
15                   tics or activities that may affect their eligibility  
16                   for unemployment compensation, such as their  
17                   reason for separation from employment, avail-  
18                   ability for work, work search activities, work  
19                   performance, economic situation, health, per-  
20                   sonal preferences, interests, behavior, location,  
21                   or movements, that—

22                           “(i) alter legal rights of the claimants;

23                           or

24                           “(ii) otherwise significantly impact the  
25                           claimants;

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1           “(C) involves the personal information of a  
2 significant number of claimants regarding race,  
3 color, national origin, political opinions, reli-  
4 gion, trade union membership, genetic data, bi-  
5 ometric data, health, gender, gender identity,  
6 sexuality, sexual orientation, disability status,  
7 criminal convictions, or arrests; or

8           “(D) meets any other criteria deemed ap-  
9 propriate by the Secretary.

10           “(7) MODULAR OPEN SYSTEMS APPROACH.—

11           The term ‘modular open systems approach’ means  
12 an integrated business and technical strategy that—

13           “(A) employs a modular design that uses  
14 system interfaces between a system platform  
15 and a system component, between system com-  
16 ponents, or between system platforms;

17           “(B) is subjected to verification to ensure  
18 system interfaces comply with, if available and  
19 suitable, widely supported and consensus-based  
20 standards; and

21           “(C) uses a system architecture that allows  
22 severable system platforms or components at  
23 the appropriate level to be incrementally added,  
24 removed, or replaced throughout the life cycle

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1 of a system platform or component while yield-  
2 ing—

3 “(i) significant cost savings or avoid-  
4 ance;

5 “(ii) schedule reduction;

6 “(iii) opportunities for technical up-  
7 grades;

8 “(iv) increased interoperability; or

9 “(v) other benefits during the  
10 sustainment phase.

11 “(8) SECRETARY.—The term ‘Secretary’ means  
12 the Secretary of Labor.

13 “(9) SECURE MULTI-PARTY COMPUTATION.—  
14 The term ‘secure multi-party computation’ means a  
15 computerized system that enables different partici-  
16 pating entities in possession of private sets of data  
17 to link and aggregate their data sets for the exclu-  
18 sive purpose of performing a finite number of pre-  
19 approved computations without transferring or oth-  
20 erwise revealing any private data to each other or  
21 anyone else.

22 “(10) STATE.—The term ‘State’ means each of  
23 the several States, the District of Columbia, the  
24 Commonwealth of Puerto Rico, and the United  
25 States Virgin Islands.”.

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1 **SEC. 60322. GRANTS TO ASSIST STATES IN MODERNIZING**  
2 **THEIR UNEMPLOYMENT COMPENSATION**  
3 **TECHNOLOGY SYSTEMS.**

4 (a) PROGRAM.—The Secretary shall establish a pro-  
5 gram to provide grants to States to—

6 (1) modernize their unemployment compensa-  
7 tion technology system to work with Federal tech-  
8 nology solutions and data reporting requirements,  
9 including the technology capabilities described in  
10 section 912 of the Social Security Act, as added by  
11 section 60321;

12 (2) improve cybersecurity within such system;

13 (3) integrate new technology into such system  
14 to prevent fraud and increase timeliness, access, and  
15 equity in the delivery of unemployment compensa-  
16 tion;

17 (4) establish or support State digital services  
18 teams that focus on user-centered design and devel-  
19 opment practices through the use of modern product  
20 development techniques, such as user research and  
21 design, incremental and iterative outcome driven de-  
22 livery practices, and software development procure-  
23 ment and funding practices;

24 (5) comply with the requirements under the  
25 provisions of, and the amendments made by, subtitle  
26 D of this title;



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1 (6) integrate unemployment compensation sys-  
2 tems with other benefit systems at the State level to  
3 increase benefit coordination and cybersecurity; and

4 (7) increase access to reemployment services to  
5 speed claimants' path back to work.

6 (b) FUNDING.—For purposes of carrying out this  
7 section, there is authorized to be appropriated to the Sec-  
8 retary \$1,000,000,000 for fiscal year 2022, to remain  
9 available until expended.

10 **Subtitle D—Anti-fraud Solutions,**  
11 **Secure Data Systems, and Data**  
12 **Sharing**

13 **SEC. 60331. ELECTRONIC TRANSMISSION OF UNEMPLOY-**  
14 **MENT COMPENSATION INFORMATION.**

15 (a) IN GENERAL.—Section 303 of the Social Security  
16 Act (42 U.S.C. 503), as previously amended by this title,  
17 is amended by adding at the end the following new sub-  
18 section:

19 “(o) ELECTRONIC TRANSMISSION OF UNEMPLOY-  
20 MENT COMPENSATION INFORMATION.—

21 “(1) IN GENERAL.—The State agency charged  
22 with administration of the State law shall use a sys-  
23 tem designated by the Secretary of Labor for auto-  
24 mated electronic transmission of requests for infor-  
25 mation relating to unemployment compensation and

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1 the provision of such information between such  
2 agency and employers or their agents.

3 “(2) EMPLOYER PARTICIPATION.—The Sec-  
4 retary of Labor shall work with the State agency  
5 charged with administration of the State law to in-  
6 crease the number of employers using the system de-  
7 scribed in paragraph (1) and to resolve any technical  
8 challenges with the system.

9 “(3) REPORTS ON USE OF ELECTRONIC SYS-  
10 TEM.—After the end of each fiscal year, on a date  
11 determined by the Secretary, each State shall report  
12 to the Secretary information on—

13 “(A) the proportion of employers using the  
14 designated system described in paragraph (1);

15 “(B) the reasons reported by employers for  
16 not using such system; and

17 “(C) the efforts the State is undertaking  
18 to increase employers’ use of such system.

19 “(4) ENFORCEMENT.—Whenever the Secretary  
20 of Labor, after reasonable notice and opportunity for  
21 hearing to the State agency charged with the admin-  
22 istration of the State law, finds that there is a fail-  
23 ure to comply substantially with the requirements of  
24 this subsection, the Secretary of Labor shall notify  
25 such State agency that further payments will not be

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1 made to the State until the Secretary of Labor is  
2 satisfied that there is no longer any such failure.  
3 Until the Secretary of Labor is so satisfied, such  
4 Secretary shall make no future certification to the  
5 Secretary of the Treasury with respect to the  
6 State.”.

7 (b) EFFECTIVE DATE.—The amendment made by  
8 subsection (a) shall apply to weeks of unemployment be-  
9 ginning on or after the earlier of—

10 (1) the date the State changes its statutes, reg-  
11 ulations, or policies in order to comply with such  
12 amendment; or

13 (2) December 31, 2023.

14 **SEC. 60332. UNEMPLOYMENT COMPENSATION DATA CROSS-**  
15 **MATCHING.**

16 (a) IN GENERAL.—Section 303(a) of the Social Secu-  
17 rity Act (42 U.S.C. 503(a)) is amended—

18 (1) in the matter preceding paragraph (1), by  
19 striking “provision for—” and inserting “provision  
20 for each of the following:”;

21 (2) at the end of each of paragraphs (1)  
22 through (10) and paragraph (11)(A), by striking “;  
23 and” and inserting a period; and

24 (3) by adding at the end the following new  
25 paragraph:

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1           “(13) The State agency charged with adminis-  
2           tration of the State law shall use the system des-  
3           ignated by the Secretary of Labor for cross-match-  
4           ing claimants of unemployment compensation under  
5           State law against any databases in the system to  
6           prevent and detect fraud and improper payments.”.

7           (b) EFFECTIVE DATE.—The amendments made by  
8           subsection (a) shall apply to weeks of unemployment be-  
9           ginning on or after the earlier of—

10           (1) the date the State changes its statutes, reg-  
11           ulations, or policies in order to comply with such  
12           amendment; or

13           (2) December 31, 2023.

14   **SEC. 60333. USE OF UNEMPLOYMENT CLAIMS DATA BY THE**  
15                           **INSPECTOR GENERAL OF THE DEPARTMENT**  
16                           **OF LABOR.**

17           (a) IN GENERAL.—Title III of the Social Security  
18           Act is amended by adding at the end the following new  
19           section:

20   **“SEC. 307. USE OF UNEMPLOYMENT CLAIMS DATA BY THE**  
21                           **INSPECTOR GENERAL OF THE DEPARTMENT**  
22                           **OF LABOR.**

23           “(a) IN GENERAL.—Subject to subsection (b), the In-  
24           specter General of the Department of Labor (in this sec-  
25           tion referred to as the ‘Inspector General’) shall, for the

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1 purpose of conducting audits, investigations, and other  
2 oversight activities authorized under the Inspector General  
3 Act of 1978 (5 U.S.C. App.) relating to unemployment  
4 compensation programs, be allowed to access data sub-  
5 mitted to each of the following systems:

6           “(1) The system designated by the Secretary of  
7 Labor for the electronic transmission of requests for  
8 information relating to interstate claims for unem-  
9 ployment compensation.

10           “(2) The system designated by the Secretary of  
11 Labor for cross-matching claimants of unemploy-  
12 ment compensation under State law against data-  
13 bases to prevent and detect fraud and improper pay-  
14 ments (as described in section 303(a)(13)).

15           “(b) REQUIREMENTS.—

16           “(1) USE.—The Inspector General may only  
17 use unemployment compensation claim and wage  
18 data for the purpose of conducting audits, investiga-  
19 tions, and other oversight activities authorized under  
20 the Inspector General Act of 1978 (5 U.S.C. App.)  
21 for unemployment compensation programs.

22           “(2) RE-DISCLOSURE.—The Inspector General  
23 may only re-disclose unemployment compensation  
24 claim and wage data to Federal, State, or local gov-  
25 ernment officials. Any such re-disclosure may only

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1 be made for purposes of auditing, investigating, or  
2 conducting other oversight activities authorized  
3 under the Inspector General Act of 1978 (5 U.S.C.  
4 App.) for unemployment compensation programs.  
5 The Inspector General may not re-disclose unem-  
6 ployment compensation claim and wage data to non-  
7 government officials or foreign officials.

8 “(3) STORAGE.—The Inspector General shall  
9 appropriately and securely store, and establish data  
10 entry and deletion requirements for, unemployment  
11 compensation claim and wage data following best  
12 practices identified in consultation with the Director  
13 of the National Institute of Standards and Tech-  
14 nology and the Director of the Cybersecurity and In-  
15 frastructure Security Agency.

16 “(4) AGREEMENT.—The Inspector General  
17 shall enter into an agreement with the Secretary of  
18 Labor governing the use, re-disclosure, and storage  
19 of unemployment compensation claim and wage data  
20 that—

21 “(A) incorporates the requirements under  
22 paragraphs (1), (2), and (3); and

23 “(B) meets such other requirements the  
24 Secretary of Labor determines appropriate.”.

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1 (b) EFFECTIVE DATE.—The amendment made by  
2 subsection (a) shall take effect on the date that is 180  
3 days after the date of enactment of this Act.

4 **SEC. 60334. USE OF NATIONAL DIRECTORY OF NEW HIRES**  
5 **IN ADMINISTRATION OF UNEMPLOYMENT**  
6 **COMPENSATION PROGRAMS.**

7 (a) IN GENERAL.—Section 303 of the Social Security  
8 Act (42 U.S.C. 503), as previously amended by this title,  
9 is amended by adding at the end the following new sub-  
10 section:

11 “(p) USE OF NATIONAL DIRECTORY OF NEW  
12 HIRES.—

13 “(1) IN GENERAL.—The State agency charged  
14 with administration of the State law shall have in  
15 place procedures to—

16 “(A) compare information in the National  
17 Directory of New Hires established under sec-  
18 tion 453(i) against information about individ-  
19 uals claiming unemployment compensation to  
20 identify any such individuals who may have be-  
21 come employed, in accordance with any regula-  
22 tions or guidance that the Secretary of Health  
23 and Human Services may issue and consistent  
24 with the computer matching provisions of the  
25 Privacy Act of 1974;

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1           “(B) take timely action to verify whether  
2           the individuals identified pursuant to subpara-  
3           graph (A) are employed; and

4           “(C) upon verification pursuant to sub-  
5           paragraph (B), take appropriate action to sus-  
6           pend or modify unemployment compensation  
7           payments, and to initiate recovery of any im-  
8           proper unemployment compensation payments  
9           that have been made.

10           “(2) ENFORCEMENT.—Whenever the Secretary  
11           of Labor, after reasonable notice and opportunity for  
12           hearing to the State agency charged with the admin-  
13           istration of the State law, finds that there is a fail-  
14           ure to comply substantially with the requirements of  
15           paragraph (1), the Secretary of Labor shall notify  
16           such State agency that further payments will not be  
17           made to the State until the Secretary of Labor is  
18           satisfied that there is no longer any such failure.  
19           Until the Secretary of Labor is so satisfied, such  
20           Secretary shall make no future certification to the  
21           Secretary of the Treasury with respect to the  
22           State.”.

23           (b) EFFECTIVE DATE.—The amendment made by  
24           subsection (a) shall apply to weeks of unemployment be-  
25           ginning on or after the earlier of—



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1 (1) the date the State changes its statutes, reg-  
2 ulations, or policies in order to comply with such  
3 amendment; or

4 (2) December 31, 2023.

5 **SEC. 60335. INCARCERATED INDIVIDUALS.**

6 (a) IN GENERAL.—Section 303(a) of the Social Secu-  
7 rity Act (42 U.S.C. 503(a)), as previously amended by this  
8 title, is amended by adding at the end the following new  
9 paragraph:

10 “(14) The cross-matching of claimants for un-  
11 employment compensation under the State law, or  
12 under Federal law administered by the State pursu-  
13 ant to an agreement, with the prisoner information  
14 maintained under sections 202(x) and 1611(e) by  
15 the Social Security Administration or such other re-  
16 positories of information identifying individuals who  
17 are incarcerated as the Secretary of Labor may re-  
18 quire, for purposes of assisting in the determination  
19 of eligibility, subject to appropriate safeguards deter-  
20 mined by the disclosing agency to ensure such infor-  
21 mation is used only for authorized purposes.”.

22 (b) EFFECTIVE DATE.—The amendment made by  
23 subsection (a) shall apply to weeks of unemployment be-  
24 ginning on or after the earlier of—

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1 (1) the date the State changes its statutes, reg-  
2 ulations, or policies in order to comply with such  
3 amendment; or

4 (2) December 31, 2023.

5 **SEC. 60336. PERMISSIBLE USE OF UNEMPLOYMENT FUND**  
6 **MONEY FOR PROGRAM INTEGRITY PUR-**  
7 **POSES.**

8 (a) WITHDRAWAL STANDARD IN THE INTERNAL  
9 REVENUE CODE.—Section 3304(a)(4) of the Internal  
10 Revenue Code of 1986 is amended—

11 (1) in subparagraph (F), by striking “and” at  
12 the end; and

13 (2) by inserting after subparagraph (G) the fol-  
14 lowing:

15 “(H) of those payments of benefits from a  
16 State’s unemployment fund that are determined  
17 to have been made in error and are subse-  
18 quently recovered by the State, the State may,  
19 immediately following receipt of such recovered  
20 amount, deposit a percentage of such recovered  
21 amount, as specified in State law (but not to  
22 exceed 5 percent), in a fund from which money  
23 may be withdrawn for—

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1           “(i) the payment of costs related to  
2           detering, detecting, and collecting erro-  
3           neous payments made to individuals;

4           “(ii) purposes relating to the  
5           misclassification of employees as inde-  
6           pendent contractors, implementation of  
7           provisions of State law relating to section  
8           303(k) of the Social Security Act, or other  
9           provisions of State law relating to em-  
10          ployer fraud or evasion of contributions; or

11          “(iii) payment to the Secretary of the  
12          Treasury to the credit of the State’s ac-  
13          count in the Unemployment Trust Fund;  
14          and

15          “(I) of those payments of contributions (or  
16          payments in lieu of contributions) that are col-  
17          lected as a result of an investigation and assess-  
18          ment by the State agency, the State may, im-  
19          mediately following receipt of such payments,  
20          deposit a percentage of such payments, as spec-  
21          ified in State law (but not to exceed 5 percent),  
22          in a fund (which may be the same fund de-  
23          scribed in subparagraph (H)) from which  
24          money may be withdrawn for the purposes de-

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1           scribed in clauses (i) through (iii) of subpara-  
2           graph (H);”.

3           (b) DEFINITION OF UNEMPLOYMENT FUND.—Sec-  
4           tion 3306(f) of the Internal Revenue Code of 1986 is  
5           amended, in the third sentence, by striking “(exclusive of  
6           expenses of administration)” and all that follows through  
7           the period at the end of paragraph (6) and inserting “,  
8           except as otherwise provided in section 3304(a)(4) or any  
9           other provision of Federal law.”.

10          (c) WITHDRAWAL STANDARD IN SOCIAL SECURITY  
11           ACT.—Section 303(a)(5) of the Social Security Act (42  
12           U.S.C. 503(a)(5)) is amended by striking “exclusive of ex-  
13           penses of administration,” and all that follows and insert-  
14           ing “except as otherwise provided in this section, section  
15           3304(a)(4) of the Internal Revenue Code of 1986, or any  
16           other provision of Federal law; and”.

17          (d) IMMEDIATE DEPOSIT REQUIREMENTS.—

18           (1) INTERNAL REVENUE CODE REQUIRE-  
19           MENT.—Paragraph (3) of section 3304(a) of the In-  
20           ternal Revenue Code of 1986 is amended to read as  
21           follows:

22           “(3) all money received in the unemployment  
23           fund of the State shall immediately upon such re-  
24           ceipt be paid over to the Secretary of the Treasury  
25           to the credit of the Unemployment Trust Fund es-

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1        established by section 904 of the Social Security Act  
2        (42 U.S.C. 1104), except for—

3                “(A) refunds of sums erroneously paid into  
4                the unemployment fund of the State;

5                “(B) refunds paid in accordance with the  
6                provisions of section 3305(b); and

7                “(C) amounts deposited in a State fund  
8                pursuant to subparagraph (H) or (I) of para-  
9                graph (4);”.

10        (2) SOCIAL SECURITY ACT REQUIREMENT.—

11        Section 303(a)(4) of the Social Security Act (42  
12        U.S.C. 503(a)(4)) is amended by striking “(except  
13        for refunds” and all that follows through “Federal  
14        Unemployment Tax Act” and inserting “(except as  
15        otherwise provided in this section, section  
16        3304(a)(3) of the Internal Revenue Code of 1986, or  
17        any other provision of Federal law)”.

18        (e) APPLICATION TO FEDERAL PAYMENTS.—Section  
19        303 of the Social Security Act (42 U.S.C. 503), as pre-  
20        viously amended by this title, is amended by adding at  
21        the end the following new subsection:

22                “(q) RECOVERY OF FEDERAL PAYMENTS.—

23                “(1) IN GENERAL.—As a condition for admin-  
24                istering any unemployment compensation program of  
25                the United States (as defined in paragraph (2)) as

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1 an agent of the United States, a State shall, with re-  
2 spect to erroneous payments made under such pro-  
3 grams by the State, use the authority provided  
4 under subparagraphs (H) and (I) of section  
5 3304(a)(4) of the Internal Revenue Code of 1986 in  
6 the same manner as such authority is used with re-  
7 spect to erroneous payments made under the State  
8 unemployment compensation law. With respect to er-  
9 roneous Federal payments recovered consistent with  
10 the authority under such subparagraphs (H) and  
11 (I), the State shall immediately deposit the same  
12 percentage of the recovered payments into the same  
13 State fund as provided in the State law imple-  
14 menting such section 3304(a)(4).

15 “(2) DEFINITION.—For purposes of this sub-  
16 section, the term ‘unemployment compensation pro-  
17 gram of the United States’ means—

18 “(A) unemployment compensation for Fed-  
19 eral civilian employees under subchapter I of  
20 chapter 85 of title 5, United States Code;

21 “(B) unemployment compensation for ex-  
22 servicemembers under subchapter II of chapter  
23 85 of title 5, United States Code;

24 “(C) trade readjustment allowances under  
25 part I of subchapter B of chapter 2 of title II

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1 of the Trade Act of 1974 (19 U.S.C. 2291 et  
2 seq.);

3 “(D) disaster unemployment assistance  
4 under section 410(a) of the Robert T. Stafford  
5 Disaster Relief and Emergency Assistance Act  
6 (42 U.S.C. 5177(a));

7 “(E) any Federal temporary extension of  
8 unemployment compensation;

9 “(F) any Federal program that increases  
10 the weekly amount of unemployment compensa-  
11 tion payable to individuals; and

12 “(G) any other Federal program providing  
13 for the payment of unemployment compensa-  
14 tion.”.

15 (f) EFFECTIVE DATE.—The amendments made by  
16 this section shall apply to overpayments or payments of  
17 contributions (or payments in lieu of contributions) that  
18 are collected as a result of an investigation and assessment  
19 by the State agency after the earlier of—

20 (1) the date the State changes its statutes, reg-  
21 ulations, or policies in order to comply with such  
22 amendment; or

23 (2) December 31, 2023.

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1 **SEC. 60337. PENALTY AND INTEREST.**

2 (a) IN GENERAL.—Section 303(a) of the Social Secu-  
3 rity Act (42 U.S.C. 503(a)), as previously amended by this  
4 title, is amended by adding at the end the following new  
5 paragraph:

6 “(15) The immediate deposit of all penalties  
7 and interest assessed under the State law against in-  
8 dividuals or employers in a fund in the State, from  
9 which moneys may be withdrawn only for purpose of  
10 improving administration of the State law, and  
11 which—

12 “(A)(i) subject to clause (ii), shall include  
13 the use of not less than 10 percent of the  
14 amount withdrawn in any year on program in-  
15 tegrity activities; or

16 “(ii) if a State has an improper payment  
17 rate for the payment of unemployment com-  
18 pensation of 10 percent or higher as determined  
19 by the Secretary of Labor for the preceding  
20 year, shall include the use of not less than 50  
21 percent of the amount withdrawn for the year  
22 on program integrity activities; and

23 “(B) may include providing additional re-  
24 employment and eligibility assessments or reem-  
25 ployment services to individuals eligible for and  
26 receiving benefits under an unemployment com-



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1           pensation program under State law or an un-  
2           employment compensation program of the  
3           United States (as defined in subsection (q)(2))  
4           or other activities designed to improve the ad-  
5           ministration of the State law.

6           Such withdrawals may not be used to reduce or sup-  
7           plant, or have the effect of reducing or supplanting,  
8           the funding levels from the preceding year from  
9           sources other than funds available under this para-  
10          graph for the activities for which the funds are  
11          used.”.

12          (b) **EFFECTIVE DATE.**—The amendment made by  
13          subsection (a) shall apply to penalties and interest as-  
14          sessed after the earlier of—

15                (1) the date the State changes its statutes, reg-  
16                ulations, or policies in order to comply with such  
17                amendment; or

18                (2) December 31, 2023.

19          **SEC. 60338. STATE PERFORMANCE.**

20                (a) **IN GENERAL.**—Section 303 of the Social Security  
21          Act (42 U.S.C. 503), as previously amended by this title,  
22          is amended by adding at the end the following new sub-  
23          section:

24                “(r) **STATE PERFORMANCE.**—

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1           “(1) IN GENERAL.—For purposes of assisting  
2 States in meeting the requirements of this title, title  
3 IX, title XII, and chapter 23 of the Internal Rev-  
4 enue Code of 1986 (commonly referred to as ‘the  
5 Federal Unemployment Tax Act’), the Secretary of  
6 Labor may—

7           “(A) consistent with subsection (a)(1), es-  
8 tablish measures of State performance, includ-  
9 ing criteria for acceptable levels of performance,  
10 performance goals, and performance measure-  
11 ment programs;

12           “(B) consistent with subsection (a)(6), re-  
13 quire States to provide to the Secretary of  
14 Labor data or other relevant information from  
15 time to time concerning the operations of the  
16 State or State performance, including the meas-  
17 ures, criteria, goals, or programs established  
18 under paragraph (1);

19           “(C) require States with sustained failure  
20 to meet acceptable levels of performance or with  
21 performance that is substantially below accept-  
22 able standards, as determined based on the  
23 measures, criteria, goals, or programs estab-  
24 lished under subparagraph (A), to implement  
25 specific corrective actions and use specified

2251

1 amounts of the administrative grants under this  
2 title provided to such States to improve per-  
3 formance; and

4 “(D) based on the data and other informa-  
5 tion provided under subparagraph (B)—

6 “(i) to the extent the Secretary of  
7 Labor determines funds are available after  
8 providing grants to States under this title  
9 for the administration of State laws, recog-  
10 nize and make awards to States for per-  
11 formance improvement, or for performance  
12 exceeding the criteria or meeting the goals  
13 established under subparagraph (A); or

14 “(ii) to the extent the Secretary of  
15 Labor determines funds are available after  
16 providing grants to States under this title  
17 for the administration of State laws, pro-  
18 vide incentive funds to high-performing  
19 States based on the measures, criteria,  
20 goals, or programs established under sub-  
21 paragraph (A).

22 “(2) ENFORCEMENT.—Whenever the Secretary  
23 of Labor, after reasonable notice and opportunity for  
24 hearing to the State agency charged with the admin-  
25 istration of the State law, finds that there is a fail-

2252

1 ure to comply substantially with the requirements of  
2 paragraph (1), the Secretary of Labor shall notify  
3 such State agency that further payments will not be  
4 made to the State until the Secretary of Labor is  
5 satisfied that there is no longer any such failure.  
6 Until the Secretary of Labor is so satisfied, such  
7 Secretary shall make no future certification to the  
8 Secretary of the Treasury with respect to the  
9 State.”.

10 (b) EFFECTIVE DATE.—The amendment made by  
11 subsection (a) shall take effect on the date of enactment  
12 of this Act.

## 13 **Subtitle E—Miscellaneous**

### 14 **SEC. 60341. IMPLEMENTATION.**

15 (a) NON-APPLICATION OF THE PAPERWORK REDUC-  
16 TION ACT.—Chapter 35 of title 44, United States Code  
17 (commonly referred to as the “Paperwork Reduction Act  
18 of 1995”), shall not apply to the provisions of, and the  
19 amendments made by, this title.

20 (b) REGULATIONS, OPERATING INSTRUCTIONS, AND  
21 OTHER GUIDANCE.—The Secretary may implement the  
22 provisions of, and the amendments made by, this title by  
23 regulation, including by interim final rule, or by guidance,  
24 and may issue such regulations or guidance without re-

2253

1 gard to the procedures otherwise required by section 553  
2 of title 5, United States Code.

3 **SEC. 60342. DEFINITION OF SECRETARY.**

4 In this title, the term “Secretary” means the Sec-  
5 retary of Labor.

6 **TITLE IV—EXTENSION OF**  
7 **ENTERPRISE GUARANTEE FEES**

8 **SEC. 60401. EXTENSION OF ENTERPRISE GUARANTEE FEES.**

9 Section 1327(f) of the Federal Housing Enterprises  
10 Financial Safety and Soundness Act of 1992 (12 U.S.C.  
11 4547(f)) is amended by striking “2021” and inserting  
12 “2032”.

13 **TITLE V—MORATORIUM ON IM-**  
14 **PLEMENTATION OF RULE RE-**  
15 **LATING TO ELIMINATING THE**  
16 **ANTI-KICKBACK STATUTE**  
17 **SAFE HARBOR PROTECTION**  
18 **FOR PRESCRIPTION DRUG**  
19 **REBATES**

20 **SEC. 60501. MORATORIUM ON IMPLEMENTATION OF RULE**  
21 **RELATING TO ELIMINATING THE ANTI-KICK-**  
22 **BACK STATUTE SAFE HARBOR PROTECTION**  
23 **FOR PRESCRIPTION DRUG REBATES.**

24 Notwithstanding any other provision of law, the Sec-  
25 retary of Health and Human Services shall not, prior to

2254

1 January 1, 2026, implement, administer, or enforce the  
2 provisions of the final rule published by the Office of the  
3 Inspector General of the Department of Health and  
4 Human Services on November 30, 2020, and titled  
5 “Fraud and Abuse; Removal of Safe Harbor Protection  
6 for Rebates Involving Prescription Pharmaceuticals and  
7 Creation of New Safe Harbor Protection for Certain  
8 Point-of-Sale Reductions in Price on Prescription Phar-  
9 maceuticals and Certain Pharmacy Benefit Manager Serv-  
10 ice Fees” (85 Fed. Reg. 76666).

11 **TITLE VI—RESCISSION OF**  
12 **COVID-19 APPROPRIATIONS**

13 **SEC. 60601. RESCISSION OF COVID-19 APPROPRIATIONS.**

14 (a) ECONOMIC INJURY DISASTER LOAN SUBSIDY.—

15 (1) RESCISSION.—Of the unobligated balances  
16 from amounts made available under the heading  
17 “Small Business Administration—Disaster Loans  
18 Program Account” in title II of division B of the  
19 Paycheck Protection Program and Health Care En-  
20 hancement Act (Public Law 116–139),  
21 \$13,500,000,000 are permanently rescinded.

22 **[(2) DESIGNATION.—**The amount rescinded  
23 pursuant to paragraph (1) that was previously des-  
24 igned by the Congress as an emergency require-  
25 ment pursuant to section 251(b)(2)(A)(i) of the Bal-

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1       anced Budget and Emergency Deficit Control Act of  
2       1985 is designated by the Congress as an emergency  
3       requirement pursuant to section 4112(a) of H. Con.  
4       Res. 71 (115th Congress), the concurrent resolution  
5       on the budget for fiscal year 2018, and to section  
6       251(b) of the Balanced Budget and Emergency Def-  
7       icit Control Act of 1985.】

8       (b) TARGETED EIDL ADVANCE.—

9           (1) Of the unobligated balances from amounts  
10       made available under the heading “Small Business  
11       Administration—Targeted EIDL Advance” in sec-  
12       tion 323(d)(1)(D) of division N of the Consolidated  
13       Appropriations Act, 2021 (Public Law 116–260),  
14       \$17,578,000,000 are permanently rescinded.

15          (2) Of the unobligated balances from amounts  
16       made available in section 5002(b) of the American  
17       Rescue Plan Act of 2021 (Public Law 117–2)—

18           (A) amounts may be transferred to and  
19       merged with “Small Business Administration—  
20       Disaster Loans Program Account” for the cost  
21       of direct loans authorized under section 7(b) of  
22       the Small Business Act (15 U.S.C. 636(b));

23           (B) not more than \$175,000,000 may be  
24       transferred to “Small Business Administra-  
25       tion—Salaries and Expenses” for necessary ex-

2256

1           penses, not otherwise provided for, of the Small  
2           Business Administration; and

3                   (C) not more than \$992,000,000 may be  
4           transferred to, and merged with, “Small Busi-  
5           ness Administration—Business Loans Program  
6           Account” for the cost of guaranteed loans as  
7           authorized by paragraphs (1) through (35) of  
8           section 7(a) of the Small Business Act (15  
9           U.S.C. 636(a)), including the cost of carrying  
10          out sections 326, 327, and 328 of division N of  
11          the Consolidated Appropriations Act, 2021  
12          (Public Law 116–260).

13          (c) ECONOMIC STABILIZATION PROGRAM.—Of the  
14          unobligated balances from amounts made available in sec-  
15          tion 4027(a) of the Coronavirus Aid, Relief, and Economic  
16          Security Act (15 U.S.C. 9601), \$1,366,100,000 are per-  
17          manently rescinded.

18          (d) BUSINESS LOANS PROGRAM ACCOUNT.—

19                  (1) Of the unobligated balances from amounts  
20          made available under the heading “Small Business  
21          Administration—Business Loans Program Account,  
22          CARES Act” [in section 1107(a)(1) of the  
23          Coronavirus Aid, Relief, and Economic Security Act  
24          (Public Law 116–136), as amended by section  
25          101(a)(2) of division A of the Paycheck Protection



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1 Program and Health Care Enhancement Act (Public  
2 Law 116–139), and in section 323(d)(1)(A) of divi-  
3 sion N of the Consolidated Appropriations Act, 2021  
4 (Public Law 116–260)】 for carrying out paragraphs  
5 (36) and (37) of section 7(a) of the Small Business  
6 Act (15 U.S.C. 636(a)), \$4,684,000,000 are perma-  
7 nently rescinded.

8 (2) Of the unobligated balances from amounts  
9 made available under the heading “Small Business  
10 Administration—Business Loans Program Account”  
11 in section 323(d)(1)(F) of division N of the Consoli-  
12 dated Appropriations Act, 2021 (Public Law 116–  
13 260), \$992,000,000 are permanently rescinded.

14 (e) PANDEMIC RELIEF FOR AVIATION WORKERS,  
15 CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY  
16 ACT (CARES ACT).—Of the unobligated balances from  
17 amounts made available in section 4120 of the  
18 Coronavirus Aid, Relief, and Economic Security Act (15  
19 U.S.C. 9080), \$3,000,000,000 are permanently rescinded.

20 (f) EDUCATION STABILIZATION FUND.—

21 (1) RESCISSION.—Of the unobligated balances  
22 from amounts made available under the heading  
23 “Education Stabilization Fund” in title VIII of divi-  
24 sion B of the Coronavirus Aid, Relief, and Economic  
25 Security Act (Public Law 116–136) and in title III

2258

1 of division M of the Consolidated Appropriations  
2 Act, 2021 (Public Law 116–260) that were reserved  
3 for the Higher Education Emergency Relief Fund by  
4 section 18004 of division B of the Coronavirus Aid,  
5 Relief, and Economic Security Act (Public Law  
6 116–136) and section 314 of division M of the Con-  
7 solidated Appropriations Act, 2021 (Public Law  
8 116–260), \$353,400,000 are permanently rescinded.

9       **[(2) DESIGNATION.—**The amount rescinded  
10 pursuant to paragraph (1) that was previously des-  
11 ignated by the Congress as an emergency require-  
12 ment pursuant to section 251(b)(2)(A)(i) of the Bal-  
13 anced Budget and Emergency Deficit Control Act of  
14 1985 is designated by the Congress as an emergency  
15 requirement pursuant to section 4112(a) of H. Con.  
16 Res. 71 (115th Congress), the concurrent resolution  
17 on the budget for fiscal year 2018, and to section  
18 251(b) of the Balanced Budget and Emergency Def-  
19 icit Control Act of 1985.]

20       **(g) SMALL BUSINESS ADMINISTRATION, SALARIES**  
21 **AND EXPENSES.—**

22       **(1) RESCISSION.—**Of the unobligated balances  
23 from amounts made available under the heading  
24 “Small Business Administration—Salaries and Ex-  
25 penses” [in section 1107(a)(2) of the Coronavirus

2259

1 Aid, Relief, and Economic Security Act (Public Law  
2 116–136), in title II of division B of the Paycheck  
3 Protection Program and Health Care Enhancement  
4 Act (Public Law 116–139), and in section  
5 323(d)(1)(C) of division N of the Consolidated Ap-  
6 propriations Act, 2021 (Public Law 116–260)],  
7 \$175,000,000 are permanently rescinded.

8 [(2) DESIGNATION.—The amount rescinded  
9 pursuant to paragraph (1) that was previously des-  
10 ignated by the Congress as an emergency require-  
11 ment pursuant to section 251(b)(2)(A)(i) of the Bal-  
12 anced Budget and Emergency Deficit Control Act of  
13 1985 is designated by the Congress as an emergency  
14 requirement pursuant to section 4112(a) of H. Con.  
15 Res. 71 (115th Congress), the concurrent resolution  
16 on the budget for fiscal year 2018, and to section  
17 251(b) of the Balanced Budget and Emergency Def-  
18 icit Control Act of 1985.]

19 (h) PANDEMIC RELIEF FOR AVIATION WORKERS.—  
20 Of the unobligated balances from amounts made available  
21 in section 411 of subtitle A of title IV of division N of  
22 the Consolidated Appropriations Act, 2021 (15 U.S.C.  
23 9101), \$200,000,000 are permanently rescinded.

2260

1 **TITLE VII—SPECTRUM AUCTION**  
2 **AUTHORITY**

3 **SEC. 60701. SPECTRUM AUCTION AUTHORITY.**

4 *[To be supplied.]*

5 **TITLE VIII—REFUND ACT**

6 **SEC. 60801. REFUND ACT.**

7 *[To be supplied.]*

8 **TITLE IX—UNEMPLOYMENT INSURANCE**  
9 **PROGRAM INTEGRITY FUNDING**

10 The following sums in this title are hereby appro-  
11 priated, out of any money in the Treasury not otherwise  
12 appropriated, for the fiscal year ending September 30,  
13 2022, and for other purposes, namely:

14 **DEPARTMENT OF JUSTICE**

15 **OFFICE OF INSPECTOR GENERAL**

16 For an additional amount for “Office of Inspector  
17 General”, \$5,000,000, to remain available until September  
18 30, 2027, to prevent, detect, investigate, and prosecute  
19 crimes involving fraud or identity theft, including COVID-  
20 19 related fraud and fraud related to pandemic unemploy-  
21 ment insurance programs: *Provided*, That \$1,000,000, to  
22 remain available until September 30, 2023, shall be made  
23 available for fiscal year 2022, \$1,000,000, to remain avail-  
24 able until September 30, 2024, shall be made available  
25 for fiscal year 2023, \$1,000,000, to remain available until

2261

1 September 30, 2025, shall be made available for fiscal  
2 year 2024, \$1,000,000, to remain available until Sep-  
3 tember 30, 2026, shall be made available for fiscal year  
4 2025, and \$1,000,000, to remain available until Sep-  
5 tember 30, 2027, shall be made available for fiscal year  
6 2026: *Provided further*, That such amount is designated  
7 by the Congress as being for an emergency requirement  
8 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
9 Congress), the concurrent resolution on the budget for fis-  
10 cal year 2018, and to section 251(b) of the Balanced  
11 Budget and Emergency Deficit Control Act of 1985.

## 12 LEGAL ACTIVITIES

## 13 SALARIES AND EXPENSES, GENERAL LEGAL ACTIVITIES

14 For an additional amount for “Salaries and Ex-  
15 penses, General Legal Activities”, \$110,000,000, to re-  
16 main available until September 30, 2027, to prevent, de-  
17 tect, investigate, and prosecute crimes involving fraud or  
18 identity theft, including COVID-19 related fraud and  
19 fraud related to pandemic unemployment insurance pro-  
20 grams: *Provided*, That—

21 (1) \$22,000,000, to remain available until Sep-  
22 tember 30, 2023, shall be made available for fiscal  
23 year 2022, of which of which \$15,000,000 shall be  
24 for the Criminal Division and \$7,000,000 shall be  
25 for the Civil Division;

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1           (2) \$22,000,000, to remain available until Sep-  
2           tember 30, 2024, shall be made available for fiscal  
3           year 2023, of which \$15,000,000 shall be for the  
4           Criminal Division and \$7,000,000 shall be for the  
5           Civil Division;

6           (3) \$22,000,000, to remain available until Sep-  
7           tember 30, 2025, shall be made available for fiscal  
8           year 2024, of which \$15,000,000 shall be for the  
9           Criminal Division and \$7,000,000 shall be for the  
10          Civil Division;

11          (4) \$22,000,000, to remain available until Sep-  
12          tember 30, 2026, shall be made available for fiscal  
13          year 2025, of which \$15,000,000 shall be for the  
14          Criminal Division and \$7,000,000 shall be for the  
15          Civil Division; and

16          (5) \$22,000,000, to remain available until Sep-  
17          tember 30, 2027, shall be made available for fiscal  
18          year 2026, of which \$15,000,000 shall be for the  
19          Criminal Division and \$7,000,000 shall be for the  
20          Civil Division:

21 *Provided further*, That such amount is designated by the  
22 Congress as being for an emergency requirement pursuant  
23 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
24 the concurrent resolution on the budget for fiscal year

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1 2018, and to section 251(b) of the Balanced Budget and  
2 Emergency Deficit Control Act of 1985.

3 SALARIES AND EXPENSES, UNITED STATES ATTORNEYS

4 For an additional amount for “Salaries and Ex-  
5 penses, United States Attorneys”, \$195,000,000, to re-  
6 main available until September 30, 2027, to prevent, de-  
7 tect, investigate, and prosecute crimes involving fraud or  
8 identity theft, including COVID-19 related fraud and  
9 fraud related to pandemic unemployment insurance pro-  
10 grams: *Provided*, That \$39,000,000, to remain available  
11 until September 30, 2023, shall be made available for fis-  
12 cal year 2022, \$39,000,000, to remain available until Sep-  
13 tember 30, 2024, shall be made available for fiscal year  
14 2023, \$39,000,000, to remain available until September  
15 30, 2025, shall be made available for fiscal year 2024,  
16 \$39,000,000, to remain available until September 30,  
17 2026, shall be made available for fiscal year 2025, and  
18 \$39,000,000, to remain available until September 30,  
19 2027, shall be made available for fiscal year 2026: *Pro-*  
20 *vided further*, That such amount is designated by the Con-  
21 gress as being for an emergency requirement pursuant to  
22 section 4112(a) of H. Con. Res. 71 (115th Congress), the  
23 concurrent resolution on the budget for fiscal year 2018,  
24 and to section 251(b) of the Balanced Budget and Emer-  
25 gency Deficit Control Act of 1985.

2264

1 INTERAGENCY LAW ENFORCEMENT

2 INTERAGENCY CRIME AND DRUG ENFORCEMENT

3 For an additional amount for “Interagency Crime  
4 and Drug Enforcement”, \$65,000,000, to remain avail-  
5 able until September 30, 2027, to prevent, detect, inves-  
6 tigate, and prosecute crimes involving fraud or identity  
7 theft, including COVID–19 related fraud and fraud re-  
8 lated to pandemic unemployment insurance programs:  
9 *Provided*, That \$13,000,000, to remain available until  
10 September 30, 2023, shall be made available for fiscal  
11 year 2022, \$13,000,000, to remain available until Sep-  
12 tember 30, 2024, shall be made available for fiscal year  
13 2023, \$13,000,000, to remain available until September  
14 30, 2025, shall be made available for fiscal year 2024,  
15 \$13,000,000, to remain available until September 30,  
16 2026, shall be made available for fiscal year 2025, and  
17 \$13,000,000, to remain available until September 30,  
18 2027, shall be made available for fiscal year 2026: *Pro-*  
19 *vided further*, That such amount is designated by the Con-  
20 gress as being for an emergency requirement pursuant to  
21 section 4112(a) of H. Con. Res. 71 (115th Congress), the  
22 concurrent resolution on the budget for fiscal year 2018,  
23 and to section 251(b) of the Balanced Budget and Emer-  
24 gency Deficit Control Act of 1985.



2265

1 FEDERAL BUREAU OF INVESTIGATION

2 SALARIES AND EXPENSES

3 For an additional amount for “Salaries and Ex-  
4 penses”, \$190,000,000, to remain available until Sep-  
5 tember 30, 2027, to prevent, detect, investigate, and pros-  
6 ecute crimes involving fraud or identity theft, including  
7 COVID–19 related fraud and fraud related to pandemic  
8 unemployment insurance programs: *Provided*, That  
9 \$38,000,000, to remain available until September 30,  
10 2023, shall be made available for fiscal year 2022,  
11 \$38,000,000, to remain available until September 30,  
12 2024, shall be made available for fiscal year 2023,  
13 \$38,000,000, to remain available until September 30,  
14 2025, shall be made available for fiscal year 2024,  
15 \$38,000,000, to remain available until September 30,  
16 2026, shall be made available for fiscal year 2025, and  
17 \$38,000,000, to remain available until September 30,  
18 2027, shall be made available for fiscal year 2026: *Pro-*  
19 *vided further*, That such amount is designated by the Con-  
20 gress as being for an emergency requirement pursuant to  
21 section 4112(a) of H. Con. Res. 71 (115th Congress), the  
22 concurrent resolution on the budget for fiscal year 2018,  
23 and to section 251(b) of the Balanced Budget and Emer-  
24 gency Deficit Control Act of 1985.

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## 1 INDEPENDENT AGENCIES

## 2 FEDERAL TRADE COMMISSION

## 3 SALARIES AND EXPENSES

4 For an additional amount for “Salaries and Ex-  
5 penses”, \$250,000,000, to remain available until ex-  
6 pended, to prevent identity theft and to expand the Com-  
7 mission’s services to identity theft victims, including by  
8 expanding the Commission’s outreach to non-profit orga-  
9 nizations and government agencies that directly assist  
10 identity theft victims, coordinating with government agen-  
11 cies regarding identity theft prevention and remediation  
12 services, enhancing the Commission’s data protection and  
13 other enforcement efforts relating to identity theft, and  
14 improving the Commission’s public fraud and identity  
15 theft resources: *Provided*, That such amount is designated  
16 by the Congress as being for an emergency requirement  
17 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
18 Congress), the concurrent resolution on the budget for fis-  
19 cal year 2018, and to section 251(b) of the Balanced  
20 Budget and Emergency Deficit Control Act of 1985.

## 21 DEPARTMENT OF LABOR

## 22 EMPLOYMENT AND TRAINING ADMINISTRATION

## 23 PROGRAM ADMINISTRATION

24 For an additional amount for “Program Administra-  
25 tion”, \$50,000,000, to remain available until expended,

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1 for expenses of administering the activities authorized  
2 under the provisions of, and the amendments made by,  
3 title III of this division: *Provided*, That such amounts may  
4 be used to improve the administration of the unemploy-  
5 ment insurance system, including by preventing and re-  
6 sponding to fraud, including through the creation of an  
7 anti-fraud team within the Office of Unemployment Insur-  
8 ance, improve the timeliness of benefit distribution, and  
9 expand access and equity in the delivery of unemployment  
10 compensation: *Provided further*, That such amount is des-  
11 ignated by the Congress as being for an emergency re-  
12 quirement pursuant to section 4112(a) of H. Con. Res.  
13 71 (115th Congress), the concurrent resolution on the  
14 budget for fiscal year 2018, and to section 251(b) of the  
15 Balanced Budget and Emergency Deficit Control Act of  
16 1985.

17 STATE UNEMPLOYMENT INSURANCE AND EMPLOYMENT  
18 SERVICE OPERATIONS

19 For an additional amount for “State Unemployment  
20 Insurance and Employment Service Operations”,  
21 \$3,855,000,000, to remain available until expended, of  
22 which:

- 23 (1) \$500,000,000 shall be to carry out section  
24 60301 of title III of this division;

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1           (2) \$500,000,000 shall be to carry out section  
2           60311(b) of title III of this division;

3           (3) \$1,855,000,000 shall be to carry out section  
4           60321 of title III of this division, of which  
5           \$50,000,000 shall be for a Digital Services Team,  
6           and such sums as may be necessary as determined  
7           by the Secretary may be transferred to accounts  
8           under the heading “Departmental Management” to  
9           carry out activities funded under this paragraph in  
10          this Act; and

11          (4) \$1,000,000,000 shall be to carry out section  
12          60322 of title III of this Act:

13 *Provided*, That the Secretary may transfer amounts pro-  
14 vided under this heading in this Act to “Departmental  
15 Management—Salaries and Expenses” for management,  
16 legal, and administrative support in carrying out activities  
17 funded under this heading in this Act: *Provided further*,  
18 That the transfer authority provided under this heading  
19 in this Act shall be in addition to any other transfer au-  
20 thority provided by law: *Provided further*, That such  
21 amount is designated by the Congress as being for an  
22 emergency requirement pursuant to section 4112(a) of H.  
23 Con. Res. 71 (115th Congress), the concurrent resolution  
24 on the budget for fiscal year 2018, and to section 251(b)

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1 of the Balanced Budget and Emergency Deficit Control  
2 Act of 1985.

3 DEPARTMENTAL MANAGEMENT

4 OFFICE OF INSPECTOR GENERAL

5 For an additional amount for “Office of Inspector  
6 General”, \$225,000,000, to remain available until ex-  
7 pended, to respond to fraud against the unemployment in-  
8 surance system that involves identity theft or any orga-  
9 nized criminal network: *Provided*, That such amount is  
10 designated by the Congress as being for an emergency re-  
11 quirement pursuant to section 4112(a) of H. Con. Res.  
12 71 (115th Congress), the concurrent resolution on the  
13 budget for fiscal year 2018, and to section 251(b) of the  
14 Balanced Budget and Emergency Deficit Control Act of  
15 1985.

16 GENERAL PROVISIONS—THIS TITLE

17 SEC. 60901. Each amount appropriated or made  
18 available by this title is in addition to amounts otherwise  
19 appropriated for the fiscal year involved.

20 SEC. 60902. No part of any appropriation contained  
21 in this title shall remain available for obligation beyond  
22 the current fiscal year unless expressly so provided herein.

23 SEC. 60903. Unless otherwise provided for by this  
24 title, the additional amounts appropriated by this title to  
25 appropriations accounts for a fiscal year shall be available

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1 under the authorities and conditions applicable to such ap-  
2 propriations accounts for that fiscal year.

3 SEC. 60904. Any amount appropriated by this title,  
4 designated by the Congress as an emergency requirement  
5 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
6 Congress), the concurrent resolution on the budget for fis-  
7 cal year 2018, and to section 251(b) of the Balanced  
8 Budget and Emergency Deficit Control Act of 1985, and  
9 transferred pursuant to transfer authorities provided by  
10 this title shall retain such designation.

## 11 **DIVISION G—REVENUE**

### 12 **PROVISIONS**

## 13 **TITLE I—HIGHWAY TRUST FUND**

14 **SEC. 70101. EXTENSION OF HIGHWAY TRUST FUND EXPEND-**  
15 **ITURE AUTHORITY.**

16 (a) HIGHWAY TRUST FUND.—Section 9503 of the  
17 Internal Revenue Code of 1986 is amended—

18 (1) by striking “October 1, 2021” in sub-  
19 sections (b)(6)(B), (c)(1), and (e)(3) and inserting  
20 “October 1, 2026”, and

21 (2) by striking “Continuing Appropriations Act,  
22 2021 and Other Extensions Act” in subsections  
23 (c)(1) and (e)(3) and inserting “Infrastructure In-  
24 vestment and Jobs Act”.

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1 (b) SPORT FISH RESTORATION AND BOATING TRUST  
2 FUND.—Section 9504 of such Code is amended—

3 (1) by striking “Continuing Appropriations Act,  
4 2021 and Other Extensions Act” each place it ap-  
5 pears in subsection (b)(2) and inserting “Infrastruc-  
6 ture Investment and Jobs Act”, and

7 (2) by striking “October 1, 2021” in subsection  
8 (d)(2) and inserting “October 1, 2026”.

9 (c) LEAKING UNDERGROUND STORAGE TANK TRUST  
10 FUND.—Section 9508(e)(2) of such Code is amended by  
11 striking “October 1, 2021” and inserting “October 1,  
12 2026”.

13 **SEC. 70102. EXTENSION OF HIGHWAY-RELATED TAXES.**

14 (a) IN GENERAL.—

15 (1) Each of the following provisions of the In-  
16 ternal Revenue Code of 1986 is amended by striking  
17 “September 30, 2022” and inserting “September  
18 30, 2028”:

19 (A) Section 4041(a)(1)(C)(iii)(I).

20 (B) Section 4041(m)(1)(B).

21 (C) Section 4081(d)(1).

22 (2) Each of the following provisions of such  
23 Code is amended by striking “October 1, 2022” and  
24 inserting “October 1, 2028”:

25 (A) Section 4041(m)(1)(A).

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1 (B) Section 4051(c).

2 (C) Section 4071(d).

3 (D) Section 4081(d)(3).

4 (b) EXTENSION OF TAX, ETC., ON USE OF CERTAIN  
5 HEAVY VEHICLES.—Each of the following provisions of  
6 the Internal Revenue Code of 1986 is amended by striking  
7 “2023” each place it appears and inserting “2029”:

8 (1) Section 4481(f).

9 (2) Subsections (c)(4) and (d) of section 4482.

10 (c) FLOOR STOCKS REFUNDS.—Section 6412(a)(1)  
11 of the Internal Revenue Code of 1986 is amended—

12 (1) by striking “October 1, 2022” each place it  
13 appears and inserting “October 1, 2028”;

14 (2) by striking “March 31, 2023” each place it  
15 appears and inserting “March 31, 2029”; and

16 (3) by striking “January 1, 2023” and insert-  
17 ing “January 1, 2029”.

18 (d) EXTENSION OF CERTAIN EXEMPTIONS.—

19 (1) Section 4221(a) of the Internal Revenue  
20 Code of 1986 is amended by striking “October 1,  
21 2022” and inserting “October 1, 2028”.

22 (2) Section 4483(i) of such Code is amended by  
23 striking “October 1, 2023” and inserting “October  
24 1, 2029”.



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1 (e) EXTENSION OF TRANSFERS OF CERTAIN  
2 TAXES.—

3 (1) IN GENERAL.—Section 9503 of the Internal  
4 Revenue Code of 1986 is amended—

5 (A) in subsection (b)—

6 (i) by striking “October 1, 2022”  
7 each place it appears in paragraphs (1)  
8 and (2) and inserting “October 1, 2028”;

9 (ii) by striking “OCTOBER 1, 2022” in  
10 the heading of paragraph (2) and inserting  
11 “OCTOBER 1, 2028”;

12 (iii) by striking “September 30,  
13 2022” in paragraph (2) and inserting  
14 “September 30, 2028”; and

15 (iv) by striking “July 1, 2023” in  
16 paragraph (2) and inserting “July 1,  
17 2029”; and

18 (B) in subsection (c)(2), by striking “July  
19 1, 2023” and inserting “July 1, 2029”.

20 (2) MOTORBOAT AND SMALL-ENGINE FUEL TAX  
21 TRANSFERS.—

22 (A) IN GENERAL.—Paragraphs (3)(A)(i)  
23 and (4)(A) of section 9503(c) of such Code are  
24 each amended by striking “October 1, 2022”  
25 and inserting “October 1, 2028”.

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1 (B) CONFORMING AMENDMENTS TO LAND  
2 AND WATER CONSERVATION FUND.—Section  
3 200310 of title 54, United States Code, is  
4 amended—

5 (i) by striking “October 1, 2023”  
6 each place it appears and inserting “Octo-  
7 ber 1, 2029”; and

8 (ii) by striking “October 1, 2022” and  
9 inserting “October 1, 2028”.

10 (f) EFFECTIVE DATE.—The amendments made by  
11 this section shall take effect on October 1, 2021.

12 **SEC. 70103. FURTHER ADDITIONAL TRANSFERS TO TRUST**  
13 **FUND.**

14 Subsection (f) of section 9503 of the Internal Rev-  
15 enue Code of 1986 is amended by redesignating paragraph  
16 (11) as paragraph (12) and inserting after paragraph (10)  
17 the following new paragraph:

18 “(11) FURTHER TRANSFERS TO TRUST  
19 FUND.—Out of money in the Treasury not otherwise  
20 appropriated, there is hereby appropriated—

21 “(A) \$[ \_\_\_\_\_ ] to the  
22 Highway Account (as defined in subsection  
23 (e)(5)(B)) in the Highway Trust Fund; and

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1 “(B) \$[ \_\_\_\_\_ ] to the  
2 Mass Transit Account in the Highway Trust  
3 Fund.”.

## 4 **TITLE II—HAZARDOUS** 5 **SUBSTANCE SUPERFUND**

### 6 **SEC. 70201. EXTENSION AND MODIFICATION OF CERTAIN** 7 **SUPERFUND EXCISE TAXES.**

8 (a) EXTENSION.—

9 (1) IN GENERAL.—Section 4661(c) of the Inter-  
10 nal Revenue Code of 1986 is amended to read as fol-  
11 lows:

12 “(c) TERMINATION.—No tax shall be imposed by this  
13 section after December 31, 2031.”.

14 (2) IMPORTED SUBSTANCES.—Section 4671(e)  
15 of the Internal Revenue Code of 1986 is amended to  
16 read as follows:

17 “(e) TERMINATION.—No tax shall be imposed by this  
18 section after December 31, 2031.”.

19 (b) MODIFICATION OF RATES.—

20 (1) IN GENERAL.—Section 4661(b) of the In-  
21 ternal Revenue Code of 1986 is amended to read as  
22 follows:

23 “(b) AMOUNT OF TAX.—The amount of tax imposed  
24 by subsection (a) shall be determined in accordance with  
25 the following table:

## 2276

“In the case of:	The tax is the following amount per ton:
Acetylene .....	\$9.74
Benzene .....	9.74
Butane .....	9.74
Butylene .....	9.74
Butadiene .....	9.74
Ethylene .....	9.74
Methane .....	6.88
Napthalene .....	9.74
Propylene .....	9.74
Toluene .....	9.74
Xylene .....	9.74
Ammonia .....	5.28
Antimony .....	8.90
Antimony trioxide .....	7.50
Arsenic .....	8.90
Arsenic trioxide .....	6.82
Barium sulfide .....	4.60
Bromine .....	8.90
Cadmium .....	8.90
Chlorine .....	5.40
Chromium .....	8.90
Chromite .....	3.04
Potassium dichromate .....	3.38
Sodium dichromate .....	3.74
Cobalt .....	8.90
Cupric sulfate .....	3.74
Cupric oxide .....	7.18
Cuprous oxide .....	7.94
Hydrochloric acid .....	0.58
Hydrogen fluoride .....	8.46
Lead oxide .....	8.28
Mereury .....	8.90
Nickel .....	8.90
Phosphorus .....	8.90
Stannous chloride .....	5.70
Stannic chloride .....	4.24
Zinc chloride .....	4.44
Zinc sulfate .....	3.80
Potassium hydroxide .....	0.44
Sodium hydroxide .....	0.56
Sulfuric acid .....	0.52
Nitric acid .....	0.48.”.

1                   (2) RATE ON TAXABLE SUBSTANCES WHERE  
2                   IMPORTER DOES NOT FURNISH INFORMATION TO  
3                   THE SECRETARY.—Section 4671(b)(2) of such Code

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1 is amended by striking “5 percent” and inserting  
2 “10 percent”.

3 (c) RULES RELATING TO TAXABLE SUBSTANCES.—

4 (1) MODIFICATION OF DETERMINATION OF  
5 TAXABLE SUBSTANCES.—Section 4672(a)(2)(B) of  
6 the Internal Revenue Code of 1986 is amended by  
7 striking “50 percent” each place it appears and in-  
8 serting “20 percent”.

9 (2) PRESUMPTION AS A TAXABLE SUBSTANCE  
10 FOR PRIOR DETERMINATIONS.—Except as otherwise  
11 determined by the Secretary of the Treasury (or the  
12 Secretary’s delegate), any substance which was de-  
13 termined to be a taxable substance by reason of sec-  
14 tion 4672(a)(2) of the Internal Revenue Code of  
15 1986 prior to the date of enactment of this Act shall  
16 continue to be treated as a taxable substance for  
17 purposes of such section after such date.

18 (3) PUBLICATION OF INITIAL LIST.—Not later  
19 than January 1, 2022, the Secretary of the Treasury  
20 (or the Secretary’s delegate) shall publish an initial  
21 list of taxable substances under section 4672(a) of  
22 the Internal Revenue Code of 1986.

23 (d) EFFECTIVE DATE.—The amendments made by  
24 this section shall take effect on July 1, 2022.

2278

**1 TITLE III—CUSTOM USER FEES****2 SEC. 70301. EXTENSION OF CUSTOMS USER FEES.**

3 (a) IN GENERAL.—Section 13031(j)(3) of the Con-  
4 solidated Omnibus Budget Reconciliation Act of 1985 (19  
5 U.S.C. 58c(j)(3)) is amended—

6 (1) in subparagraph (A), by striking “Sep-  
7 tember 30, 2030” and inserting “September 30,  
8 2031”; and

9 (2) in subparagraph (B)(i), by striking “Sep-  
10 tember 30, 2030” and inserting “September 30,  
11 2031”.

12 (b) RATE FOR MERCHANDISE PROCESSING FEES.—  
13 Section 503 of the United States-Korea Free Trade  
14 Agreement Implementation Act (Public Law 112–41; 19  
15 U.S.C. 3805 note) is amended by striking “September 30,  
16 2030” and inserting “September 30, 2031”.

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1 **TITLE IV—RELIEF FOR TAX-**  
2 **PAYERS AFFECTED BY DISAS-**  
3 **TERS OR OTHER CRITICAL**  
4 **EVENTS**

5 **SEC. 70401. MODIFICATION OF AUTOMATIC EXTENSION OF**  
6 **CERTAIN DEADLINES IN THE CASE OF TAX-**  
7 **PAYERS AFFECTED BY FEDERALLY DE-**  
8 **CLARED DISASTERS.**

9 (a) IN GENERAL.—Section 7508A(d) of the Internal  
10 Revenue Code of 1986 is amended—

11 (1) in paragraph (1)—

12 (A) by striking “the latest incident date so  
13 specified” in subparagraph (B) and inserting  
14 “the later of such earliest incident date de-  
15 scribed in subparagraph (A) or the date such  
16 declaration was issued”, and

17 (B) by striking “in the same manner as a  
18 period specified under subsection (a)” and in-  
19 sserting “in determining, under the internal rev-  
20 enue laws, in respect of any tax liability of such  
21 qualified taxpayer, whether any of the acts de-  
22 scribed in subparagraphs (A) through (F) of  
23 section 7508(a)(1) were performed within the  
24 time prescribed therefor (determined without  
25 regard to extension under any other provision

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1 of this subtitle for periods after the date deter-  
2 mined under subparagraph (B))”,

3 (2) by striking paragraph (3) and inserting the  
4 following:

5 “(3) DISASTER AREA.—For purposes of this  
6 subsection, the term ‘disaster area’ means an area  
7 in which a major disaster for which the President  
8 provides financial assistance under section 408 of  
9 the Robert T. Stafford Disaster Relief and Emer-  
10 gency Assistance Act (42 U.S.C. 5174) occurs.”,  
11 and

12 (3) by adding at the end the following:

13 “(6) MULTIPLE DECLARATIONS.—For purposes  
14 of paragraph (1), in the case of multiple declarations  
15 relating to a disaster area which are issued within  
16 a 60-day period, a separate period shall be deter-  
17 mined under such paragraph with respect to each  
18 such declaration.”.

19 (b) EFFECTIVE DATE.—The amendment made by  
20 this section shall apply to federally declared disasters de-  
21 clared after the date of enactment of this Act.



2281

1 **SEC. 70402. MODIFICATIONS OF RULES FOR POSTPONING**  
2 **CERTAIN ACTS BY REASON OF SERVICE IN**  
3 **COMBAT ZONE OR CONTINGENCY OPER-**  
4 **ATION.**

5 (a) IN GENERAL.—Section 7508(a)(1) of the Internal  
6 Revenue Code of 1986 is amended—

7 (1) by striking subparagraph (C) and inserting  
8 the following:

9 “(C) Filing a petition with the Tax Court,  
10 or filing a notice of appeal from a decision of  
11 the Tax Court;”, and

12 (2) by inserting “or in respect of any erroneous  
13 refund” after “any tax” in subparagraph (J).

14 (b) EFFECTIVE DATE.—The amendments made by  
15 this section shall apply to any period for performing an  
16 act which has not expired before the date of the enactment  
17 of this Act.

18 **SEC. 70403. TOLLING OF TIME FOR FILING A PETITION**  
19 **WITH THE TAX COURT.**

20 (a) IN GENERAL.—Section 7451 of the Internal Rev-  
21 enue Code of 1986 is amended—

22 (1) by striking “The Tax Court” and inserting  
23 the following:

24 “(a) FEES.—The Tax Court”, and

25 (2) by adding at the end the following new sub-  
26 section:

1 “(b) TOLLING OF TIME IN CERTAIN CASES.—

2 “(1) IN GENERAL.—Notwithstanding any other  
3 provision of this title, in any case (including by rea-  
4 son of a lapse in appropriations) in which a filing lo-  
5 cation is inaccessible or otherwise unavailable to the  
6 general public on the date a petition is due, the rel-  
7 evant time period for filing such petition shall be  
8 tolled for the number of days within the period of  
9 inaccessibility plus an additional 14 days.

10 “(2) FILING LOCATION.—For purposes of this  
11 subsection, the term ‘filing location’ means—

12 “(A) the office of the clerk of the Tax  
13 Court, or

14 “(B) any on-line portal made available by  
15 the Tax Court for electronic filing of peti-  
16 tions.”.

17 (b) CONFORMING AMENDMENTS.—

18 (1) The heading for section 7451 of the Inter-  
19 nal Revenue Code of 1986 is amended by striking  
20 “**FEE FOR FILING PETITION**” and inserting “**PE-**  
21 **TITIONS**”.

22 (2) The item in the table of contents for part  
23 II of subchapter C of chapter 76 of such Code is  
24 amended by striking “Fee for filing petition” and in-  
25 serting “Petitions”.

1 (c) EFFECTIVE DATE.—The amendments made by  
2 this section shall apply to petitions required to be timely  
3 filed (determined without regard to the amendments made  
4 by this section) after the date of enactment of this Act.

5 **SEC. 70404. AUTHORITY TO POSTPONE CERTAIN TAX DEAD-**  
6 **LINES BY REASON OF SIGNIFICANT FIRES.**

7 (a) IN GENERAL.—Section 7508A of the Internal  
8 Revenue Code of 1986 is amended—

9 (1) by inserting “, a significant fire,” after  
10 “federally declared disaster (as defined in section  
11 165(i)(5)(A))” in subsection (a),

12 (2) by inserting “, fire,” after “disaster” each  
13 place it appears in subsections (a)(1) and (b), and

14 (3) by adding at the end the following new sub-  
15 section:

16 “(e) SIGNIFICANT FIRE.—For purposes of this sec-  
17 tion, the term ‘significant fire’ means any fire with respect  
18 to which assistance is provided under section 420 of the  
19 Robert T. Stafford Disaster Relief and Emergency Assist-  
20 ance Act.”.

21 (b) CONFORMING AMENDMENTS.—

22 (1) The heading of section 7508A of the Inter-  
23 nal Revenue Code of 1986 is amended by striking  
24 “**PRESIDENTIALLY DECLARED DISASTER**” and

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1 inserting “**FEDERALLY DECLARED DISASTER,**  
2 **SIGNIFICANT FIRE,**”.

3 (2) The item relating to section 7508A in the  
4 table of sections for chapter 77 of such Code is  
5 amended by striking “Presidentially declared dis-  
6 aster” and inserting “Federally declared disaster,  
7 significant fire,”.

8 (c) EFFECTIVE DATE.—The amendments made by  
9 this section shall apply to fires for which assistance is pro-  
10 vided after the date of the enactment of this Act.

## 11 **TITLE V—OTHER PROVISIONS**

### 12 **SEC. 70501. ADJUSTMENT OF QUALIFYING ADVANCED EN-** 13 **ERGY PROJECT CREDIT.**

14 (a) IN GENERAL.—Section 48C of the Internal Rev-  
15 enue Code of 1986 is amended—

16 (1) in subsection (c)(1)—

17 (A) in subparagraph (A)—

18 (i) by inserting “, any portion of the  
19 qualified investment of which is certified  
20 by the Secretary under subsection (d) as  
21 eligible for a credit under this section”  
22 after “means a project”,

23 (ii) in clause (i)—

24 (I) by striking “a manufacturing  
25 facility for the production of” and in-

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1           serting “an industrial or manufac-  
2           turing facility for the production or  
3           recycling of”,

4                   (II) in clause (I), by inserting  
5           “water,” after “sun,”,

6                   (III) in clause (II), by striking  
7           “an energy storage system for use  
8           with electric or hybrid-electric motor  
9           vehicles” and inserting “energy stor-  
10          age systems and components”,

11                   (IV) in clause (III), by striking  
12          “grids to support the transmission of  
13          intermittent sources of renewable en-  
14          ergy, including storage of such en-  
15          ergy” and inserting “grid moderniza-  
16          tion equipment or components”,

17                   (V) in subclause (IV), by striking  
18          “and sequester carbon dioxide emis-  
19          sions” and inserting “, remove, use,  
20          or sequester carbon oxide emissions”,

21                   (VI) by striking subclause (V)  
22          and inserting the following:

23                   “(V) equipment designed to re-  
24          fine, electrolyze, or blend any fuel,  
25          chemical, or product which is—

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1                   “(aa) renewable, or  
2                   “(bb) low-carbon and low-  
3                   emission,”  
4                   (VII) by striking subclause (VI),  
5                   (VIII) by redesignating subclause  
6                   (VII) as subclause (IX),  
7                   (IX) by inserting after subclause  
8                   (V) the following new subclauses:  
9                   “(VI) property designed to  
10                  produce energy conservation tech-  
11                  nologies (including residential, com-  
12                  mercial, and industrial applications),  
13                  “(VII) light-, medium-, or heavy-  
14                  duty electric or fuel cell vehicles, as  
15                  well as—  
16                  “(aa) technologies, compo-  
17                  nents, or materials for such vehi-  
18                  cles, and  
19                  “(bb) associated charging or  
20                  refueling infrastructure,  
21                  “(VIII) hybrid vehicles with a  
22                  gross vehicle weight rating of not less  
23                  than 14,000 pounds, as well as tech-  
24                  nologies, components, or materials for  
25                  such vehicles, or”, and

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1 (X) in subclause (IX), as so re-  
2 designated, by striking “and” at the  
3 end and inserting “or”, and

4 (iii) by striking clause (ii) and insert-  
5 ing the following:

6 “(ii) which re-equips an industrial or  
7 manufacturing facility with equipment de-  
8 signed to reduce its greenhouse gas emis-  
9 sions well below current best practices  
10 through the installation of—

11 “(I) low- or zero-carbon process  
12 heat systems,

13 “(II) carbon capture, transport,  
14 utilization and storage systems,

15 “(III) energy efficiency and re-  
16 duction in waste from industrial proc-  
17 esses, or

18 “(IV) any industrial technology  
19 which significantly reduces greenhouse  
20 gas emissions, as determined by the  
21 Secretary.”,

22 (B) by redesignating subparagraph (B) as  
23 subparagraph (C), and

24 (C) by inserting after subparagraph (A)  
25 the following new subparagraph:

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1 “(B) ADDITIONAL QUALIFYING ADVANCED  
2 ENERGY PROJECTS.—The term ‘qualifying ad-  
3 vanced energy project’ shall also include any  
4 project described in subparagraph (A) which is  
5 located in a census tract—

6 “(i) which, prior to the date of enact-  
7 ment of the Infrastructure Investment and  
8 Jobs Act, had no projects which received a  
9 certification and allocation of credits under  
10 subsection (d), and

11 “(ii)(I) in which, after December 31,  
12 1999, a coal mine has closed,

13 “(II) in which, after December 31,  
14 2009, a coal-fired electric generating unit  
15 has been retired, or

16 “(III) which is immediately adjacent  
17 to a census tract described in subclause (I)  
18 or (II).”,

19 (2) in subsection (d)—

20 (A) in paragraph (1)—

21 (i) in subparagraph (A), by striking  
22 “this section” and inserting “the Infra-  
23 structure Investment and Jobs Act”, and

24 (ii) by striking subparagraph (B) and  
25 inserting the following:



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1 “(B) LIMITATIONS.—

2 “(i) INITIAL ALLOCATION.—The total  
3 amount of credits that may be allocated  
4 under the program prior to the date of en-  
5 actment of the Infrastructure Investment  
6 and Jobs Act shall not exceed  
7 \$2,300,000,000.

8 “(ii) ADDITIONAL ALLOCATION.—The  
9 total amount of credits that may be allo-  
10 cated under the program on or after the  
11 date of enactment of the Infrastructure In-  
12 vestment and Jobs Act shall not exceed  
13 \$8,000,000,000, of which not greater than  
14 \$4,000,000,000 may be allocated to  
15 projects which are not located in a census  
16 tract described in subparagraph (B) of  
17 subsection (c)(1).”,

18 (B) in paragraph (2)—

19 (i) in subparagraph (A), by striking  
20 “2-year” and inserting “3-year”,

21 (ii) in subparagraph (B)—

22 (I) by striking “1 year” and in-  
23 serting “18 months”, and

24 (II) by adding at the end the fol-  
25 lowing new sentence: “Not later than

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1 180 days after the date on which such  
2 evidence was provided by the appli-  
3 cant, the Secretary shall determine  
4 whether the requirements of the cer-  
5 tification have been met.”, and

6 (iii) by adding at the end the fol-  
7 lowing new subparagraph:

8 “(D) LOCATION OF PROJECT.—In the case  
9 of an applicant which receives a certification, if  
10 the Secretary determines that the project has  
11 been placed in service at a location which is ma-  
12 terially different than the location specified in  
13 the application for such project, the certifi-  
14 cation shall no longer be valid.”,

15 (C) in paragraph (3)—

16 (i) by striking subparagraph (A) and  
17 inserting the following:

18 “(A) shall take into consideration only  
19 those projects—

20 “(i) where there is a reasonable expect-  
21 ation of commercial viability, and

22 “(ii) which will ensure laborers and  
23 mechanics employed by contractors and  
24 subcontractors in the performance of any  
25 qualifying advanced energy project shall be

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1 paid wages at rates not less than the pre-  
2 vailing rates on projects of a similar char-  
3 acter in the locality as determined by the  
4 Secretary of Labor, in accordance with  
5 subchapter IV of chapter 31 of title 40,  
6 United States Code, and”, and

7 (ii) in subparagraph (B)—

8 (I) by striking clauses (i) and (ii)

9 and inserting the following:

10 “(i) will provide the greatest net im-  
11 pact in avoiding or reducing anthropogenic  
12 emissions of greenhouse gases (or, in the  
13 case of a project described in subsection  
14 (c)(1)(A)(ii), will provide the greatest re-  
15 duction of greenhouse gas emissions as  
16 compared to current best practices),

17 “(ii) will provide the greatest domestic  
18 job creation (both direct and indirect) dur-  
19 ing the credit period,”,

20 (II) by redesignating clauses (iii)

21 through (v) as clauses (iv) through  
22 (vi), respectively, and

23 (III) by inserting after clause (ii)

24 the following new clause:

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1 “(iii) will provide the greatest job cre-  
2 ation within the vicinity of the project, par-  
3 ticularly with respect to—

4 “(I) low-income communities (as  
5 described in section 45D(e)), and

6 “(II) dislocated workers who  
7 were previously employed in manufac-  
8 turing, coal power plants, or coal min-  
9 ing,” and

10 (D) in paragraph (4)—

11 (i) by striking subparagraph (A) and  
12 inserting the following:

13 “(A) REVIEW AND REPORT.—Not later  
14 than 4 years after the date of enactment of the  
15 Infrastructure Investment and Jobs Act, the  
16 Secretary shall—

17 “(i) review the credits allocated under  
18 this section as of such date, and

19 “(ii) submit a report regarding the al-  
20 location of such credits to—

21 “(I) the Committee on Finance  
22 and the Committee on Energy and  
23 Natural Resources of the Senate, and

24 “(II) the Committee on Ways  
25 and Means and the Committee on En-

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1                   ergy and Commerce of the House of  
2                   Representatives.”, and

3                   (ii) by adding at the end the following  
4                   new subparagraph:

5                   “(D) SPECIAL RULE.—For purposes of re-  
6                   allocating credits pursuant to this paragraph,  
7                   the limitation under paragraph (1)(B)(ii) with  
8                   respect to allocation of credits to projects which  
9                   are not located in a census tract described in  
10                  subparagraph (B) of subsection (c)(1) shall not  
11                  apply.”,

12                  (3) in subsection (e), by inserting “45Q,” after  
13                  “section”, and

14                  (4) by adding at the end the following:

15                  “(f) TECHNICAL ASSISTANCE.—For purposes of as-  
16                  sisting with applications for certification under subsection  
17                  (d), the Secretary of Energy shall provide technical assist-  
18                  ance to any State (or political subdivision thereof), tribe,  
19                  or economic development organization which, prior to the  
20                  date of enactment of the Infrastructure Investment and  
21                  Jobs Act—

22                  “(1) had no applicants for certification under  
23                  such subsection, or

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1           “(2) had less than 2 qualifying advanced energy  
2 projects which received an allocation of credits under  
3 such subsection.

4           “(g) ELECTION FOR DIRECT PAYMENT.—

5           “(1) IN GENERAL.—In the case of any eligible  
6 property placed in service during any taxable year  
7 which is part of a qualifying advanced energy  
8 project, the amount of any credit determined under  
9 subsection (a) with respect to such property for such  
10 taxable year shall, at the election of the taxpayer, be  
11 treated as a payment equal to the applicable per-  
12 centage of such amount which is made by the tax-  
13 payer against the tax imposed by chapter 1 for such  
14 taxable year (regardless of whether such tax would  
15 have been imposed on such taxpayer).

16           “(2) FORM AND EFFECT OF ELECTION.—

17           “(A) IN GENERAL.—An election under  
18 paragraph (1) shall be made as part of the ap-  
19 plication for certification under subsection  
20 (d)(2)(A) and in such manner as the Secretary  
21 may prescribe. Such election, once made,  
22 shall—

23           “(i) be irrevocable with respect to the  
24 eligible property to which such election ap-  
25 plies, and

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1                   “(ii) reduce the amount of the credit  
2                   which would (but for this subsection) be al-  
3                   lowable under this section with respect to  
4                   such property for the taxable year in which  
5                   such property is placed in service to zero.

6                   “(B) ADDITIONAL INFORMATION.—For  
7                   purposes of an election under paragraph (1),  
8                   the Secretary may require such information as  
9                   the Secretary deems necessary for purposes of  
10                  preventing duplication, fraud, or any improper  
11                  payments under this subsection.

12                  “(3) APPLICATION TO PARTNERSHIPS AND S  
13                  CORPORATIONS.—In the case of a partnership or S  
14                  corporation which makes an election under para-  
15                  graph (1)—

16                         “(A) such paragraph shall apply with re-  
17                         spect to such partnership or corporation with-  
18                         out regard to the fact that no tax is imposed  
19                         by chapter 1 on such partnership or corpora-  
20                         tion, and

21                         “(B)(i) in the case of a partnership, each  
22                         partner’s distributive share of the credit deter-  
23                         mined under subsection (a) with respect to the  
24                         qualifying advanced energy project shall be  
25                         deemed to be zero, and

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1           “(ii) in the case of a S corporation, each  
2 shareholder’s pro rata share of the credit deter-  
3 mined under subsection (a) with respect to the  
4 qualifying advanced energy project shall be  
5 deemed to be zero.

6           “(4) SPECIAL RULES FOR CERTAIN ENTITIES.—

7           “(A) ELIGIBILITY OF CERTAIN PROP-  
8 ERTY.—For purposes of this subsection, para-  
9 graphs (3) and (4) of section 50(b) shall not  
10 apply with respect to—

11           “(i) any State utility with a service  
12 obligation, as such terms are defined in  
13 section 217 of the Federal Power Act (as  
14 in effect on the date of the enactment of  
15 the Infrastructure Investment and Jobs  
16 Act),

17           “(ii) any mutual or cooperative elec-  
18 tric company described in section  
19 501(c)(12) or section 1381(a)(2)(C), or

20           “(iii) an Indian tribal government (as  
21 defined in section 139E(c)(1)).

22           “(B) CERTAIN ENTITIES TREATED AS TAX-  
23 PAYERS.—In the case of an election under this  
24 subsection, any entity described in clause (i),  
25 (ii), or (iii) of subparagraph (A) shall be treat-



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1 ed as a taxpayer for purposes of this subsection  
2 and determining the amount of any credit  
3 under subsection (a).

4 “(5) EXCESS PAYMENT.—

5 “(A) IN GENERAL.—In the case of any  
6 payment made to a taxpayer under this sub-  
7 section which the Secretary determines con-  
8 stitutes an excessive payment, the tax imposed  
9 on such taxpayer by chapter 1 for the taxable  
10 year in which such determination is made shall  
11 be increased by an amount equal to the sum  
12 of—

13 “(i) the amount of the excessive pay-  
14 ment, plus

15 “(ii) an amount equal to 20 percent of  
16 the excessive payment.

17 “(B) REASONABLE CAUSE.—Subparagraph  
18 (A)(ii) shall not apply if the taxpayer dem-  
19 onstrates to the satisfaction of the Secretary  
20 that the excessive payment resulted from rea-  
21 sonable cause.

22 “(C) DEFINITION.—For purposes of this  
23 paragraph, the term ‘excessive payment’ means,  
24 with respect to a qualifying advanced energy

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1 project for any taxable year, an amount equal  
2 to the excess of—

3 “(i) the amount of the payment made  
4 to the taxpayer under this subsection with  
5 respect to such project for such taxable  
6 year, over

7 “(ii) the applicable percentage of the  
8 amount of the credit which (without appli-  
9 cation of this subsection) is otherwise al-  
10 lowable under this section with respect to  
11 such project for such taxable year.

12 “(6) APPLICABLE PERCENTAGE.—For purposes  
13 of this subsection, the applicable percentage shall  
14 be—

15 “(A) in the case of an Indian tribal gov-  
16 ernment (as defined in section 139E(c)(1)), 100  
17 percent, and

18 “(B) in the case of any other taxpayer, 85  
19 percent.”.

20 (b) AUTHORIZATION OF APPROPRIATIONS.—To carry  
21 out subsection (f) of section 48C of the Internal Revenue  
22 Code of 1986 (as added by subsection (a)(4)), there is au-  
23 thorized to be appropriated to the State Energy Program  
24 of the Department of Energy, out of moneys in the Treas-

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1 ury not otherwise appropriated, \$500,000, to remain avail-  
2 able until expended.

3 (c) EFFECTIVE DATE.—The amendments made by  
4 this section shall apply to property placed in service after  
5 December 31, 2021.

6 **SEC. 70502. MODIFICATION OF TAX TREATMENT OF CON-**  
7 **TRIBUTIONS TO THE CAPITAL OF A COR-**  
8 **PORATION.**

9 (a) IN GENERAL.—Section 118 of the Internal Rev-  
10 enue Code of 1986 is amended—

11 (1) in subsection (b), by inserting “except as  
12 provided in subsection (c),” after “For purposes of  
13 subsection (a),”,

14 (2) by redesignating subsection (d) as sub-  
15 section (e), and

16 (3) by striking subsection (c) and inserting the  
17 following:

18 “(c) SPECIAL RULES FOR WATER AND SEWERAGE  
19 DISPOSAL UTILITIES.—

20 “(1) GENERAL RULE.—For purposes of this  
21 section, the term ‘contribution to the capital of the  
22 taxpayer’ includes any amount of money or other  
23 property received from any person (whether or not  
24 a shareholder) by a regulated public utility which  
25 provides water or sewerage disposal services if—

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1 “(A) such amount is—

2 “(i) a contribution in aid of construc-  
3 tion, or

4 “(ii) a contribution to the capital of  
5 such utility by a governmental entity pro-  
6 viding for the protection, preservation, or  
7 enhancement of drinking water or sewer-  
8 age disposal services,

9 “(B) in the case of a contribution in aid of  
10 construction which is property other than water  
11 or sewerage disposal facilities, such amount  
12 meets the requirements of the expenditure rule  
13 of paragraph (2), and

14 “(C) such amount (or any property ac-  
15 quired or constructed with such amount) is not  
16 included in the taxpayer’s rate base for rate-  
17 making purposes.

18 “(2) EXPENDITURE RULE.—An amount meets  
19 the requirements of this paragraph if—

20 “(A) an amount equal to such amount is  
21 expended for the acquisition or construction of  
22 tangible property described in section  
23 1231(b)—

## 2301

1           “(i) which is the property for which  
2           the contribution was made or is of the  
3           same type as such property, and

4           “(ii) which is used predominantly in  
5           the trade or business of furnishing water  
6           or sewerage disposal services,

7           “(B) the expenditure referred to in sub-  
8           paragraph (A) occurs before the end of the sec-  
9           ond taxable year after the year in which such  
10          amount was received, and

11          “(C) accurate records are kept of the  
12          amounts contributed and expenditures made,  
13          the expenditures to which contributions are al-  
14          located, and the year in which the contributions  
15          and expenditures are received and made.

16          “(3) DEFINITIONS.—For purposes of this sub-  
17          section—

18                 “(A) CONTRIBUTION IN AID OF CONSTRUC-  
19                 TION.—The term ‘contribution in aid of con-  
20                 struction’ shall be defined by regulations pre-  
21                 scribed by the Secretary, except that such term  
22                 shall not include amounts paid as service  
23                 charges for starting or stopping services.

24                 “(B) PREDOMINANTLY.—The term ‘pre-  
25                 dominantly’ means 80 percent or more.

## 2302

1           “(C) REGULATED PUBLIC UTILITY.—The  
2           term ‘regulated public utility’ has the meaning  
3           given such term by section 7701(a)(33), except  
4           that such term shall not include any utility  
5           which is not required to provide water or sewer-  
6           age disposal services to members of the general  
7           public in its service area.

8           “(4) DISALLOWANCE OF DEDUCTIONS AND  
9           CREDITS; ADJUSTED BASIS.—Notwithstanding any  
10          other provision of this subtitle, no deduction or cred-  
11          it shall be allowed for, or by reason of, any expendi-  
12          ture which constitutes a contribution in aid of con-  
13          struction to which this subsection applies. The ad-  
14          justed basis of any property acquired with contribu-  
15          tions in aid of construction to which this subsection  
16          applies shall be zero.

17          “(d) STATUTE OF LIMITATIONS.—If the taxpayer for  
18          any taxable year treats an amount as a contribution to  
19          the capital of the taxpayer described in subsection  
20          (c)(1)(A)(i), then—

21                 “(1) the statutory period for the assessment of  
22                 any deficiency attributable to any part of such  
23                 amount shall not expire before the expiration of 3  
24                 years from the date the Secretary is notified by the

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1 taxpayer (in such manner as the Secretary may pre-  
2 scribe) of—

3 “(A) the amount of the expenditure re-  
4 ferred to in subparagraph (A) of subsection  
5 (c)(2),

6 “(B) the taxpayer’s intention not to make  
7 the expenditures referred to in such subpara-  
8 graph, or

9 “(C) a failure to make such expenditure  
10 within the period described in subparagraph  
11 (B) of subsection (c)(2), and

12 “(2) such deficiency may be assessed before the  
13 expiration of such 3-year period notwithstanding the  
14 provisions of any other law or rule of law which  
15 would otherwise prevent such assessment.”.

16 (b) EFFECTIVE DATE.—The amendments made by  
17 this section shall apply to contributions made after De-  
18 cember 31, 2020.

19 **SEC. 70503. EXTENSION OF INTEREST RATE STABILIZATION.**

20 (a) FUNDING STABILIZATION UNDER THE INTERNAL  
21 REVENUE CODE OF 1986.—The table in subclause (II)  
22 of section 430(h)(2)(C)(iv) of the Internal Revenue Code  
23 of 1986 is amended to read as follows:

## 2304

“If the calendar year is:	The applicable minimum percentage is:	The applicable maximum percentage is:
Any year in the period starting in 2012 and ending in 2019.	90% .....	110%
Any year in the period starting in 2020 and ending in 2030.	95% .....	105%
2031 .....	90% .....	110%
2032 .....	85% .....	115%
2033 .....	80% .....	120%
2034 .....	75% .....	125%
After 2034 .....	70% .....	130%.”.

## 1 (b) FUNDING STABILIZATION UNDER EMPLOYEE

## 2 RETIREMENT INCOME SECURITY ACT OF 1974.—

3 (1) IN GENERAL.—The table in subclause (II)  
4 of section 303(h)(2)(C)(iv) of the Employee Retirement  
5 Income Security Act of 1974 (29 U.S.C.  
6 1083(h)(2)(C)(iv)) is amended to read as follows:

“If the calendar year is:	The applicable minimum percentage is:	The applicable maximum percentage is:
Any year in the period starting in 2012 and ending in 2019.	90% .....	110%
Any year in the period starting in 2020 and ending in 2030.	95% .....	105%
2031 .....	90% .....	110%
2032 .....	85% .....	115%
2033 .....	80% .....	120%
2034 .....	75% .....	125%
After 2034 .....	70% .....	130%.”.

## 7 (2) CONFORMING AMENDMENTS.—

8 (A) IN GENERAL.—Section 101(f)(2)(D) of  
9 such Act (29 U.S.C. 1021(f)(2)(D)) is amend-  
10 ed—

11 (i) in clause (i), by striking “and the  
12 American Rescue Plan Act of 2021” both



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1 places it appears and inserting “, the  
2 American Rescue Plan Act of 2021, and  
3 the Infrastructure Investment and Jobs  
4 Act”, and

5 (ii) in clause (ii), by striking “2029”  
6 and inserting “2034”.

7 (B) STATEMENTS.—The Secretary of  
8 Labor shall modify the statements required  
9 under subclauses (I) and (II) of section  
10 101(f)(2)(D)(i) of such Act to conform to the  
11 amendments made by this section.

12 (c) EFFECTIVE DATE.—The amendments made by  
13 this section shall apply with respect to plan years begin-  
14 ning after December 31, 2021.

15 **SEC. 70504. ENHANCEMENT OF INFORMATION REPORTING**  
16 **FOR BROKERS AND DIGITAL ASSETS.**

17 (a) EXPANSION OF DEFINITION OF BROKER.—Sec-  
18 tion 6045(c)(1) of the Internal Revenue Code of 1986 is  
19 amended—

20 (1) by striking “and” at the end of subpara-  
21 graph (B),

22 (2) in subparagraph (C)—

23 (A) by striking “any other person who (for  
24 a consideration)” and inserting “any person  
25 who (for consideration)”, and

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1 (B) by striking the period at the end and  
2 inserting “, and”, and

3 (3) by inserting after subparagraph (C) the fol-  
4 lowing new subparagraph:

5 “(D) any person who (for consideration)  
6 regularly provides any service or application  
7 (even if noncustodial) to facilitate transfers of  
8 digital assets, including any decentralized ex-  
9 change or peer-to-peer marketplace.”.

10 (b) REPORTING OF DIGITAL ASSETS.—

11 (1) BROKERS.—

12 (A) TREATMENT AS SPECIFIED SECUR-  
13 RITY.—Section 6045(g)(3)(B) of the Internal  
14 Revenue Code of 1986 is amended by striking  
15 “and” at the end of clause (iii), by redesign-  
16 ating clause (iv) as clause (v), and by insert-  
17 ing after clause (iii) the following new clause:

18 “(iv) any digital asset, and”.

19 (B) DEFINITION OF DIGITAL ASSET.—Sec-  
20 tion 6045(g)(3) of such Code is amended by  
21 adding at the end the following new subpara-  
22 graph:

23 “(D) DIGITAL ASSET.—Except as other-  
24 wise provided by the Secretary, the term ‘digital  
25 asset’ means any digital representation of value

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1 which is recorded on a cryptographically se-  
2 cured distributed ledger or any similar tech-  
3 nology as specified by the Secretary.”.

4 (C) APPLICABLE DATE.—Section  
5 6045(g)(3)(C) of such Code is amended—

6 (i) in clause (ii), by striking “and” at  
7 the end,

8 (ii) by redesignating clause (iii) as  
9 clause (iv), and

10 (iii) by inserting after clause (ii) the  
11 following:

12 “(iii) January 1, 2023, in the case of  
13 any specified security which is a digital  
14 asset, and”.

15 (2) FURNISHING OF INFORMATION.—

16 (A) IN GENERAL.—Section 6045A of such  
17 Code is amended—

18 (i) in subsection (a), by striking “a  
19 security which is”, and

20 (ii) by adding at the end the fol-  
21 lowing:

22 “(d) RETURN REQUIREMENT FOR CERTAIN TRANS-  
23 FERS OF DIGITAL ASSETS NOT OTHERWISE SUBJECT TO  
24 REPORTING.—Any broker, with respect to any transfer of  
25 a covered security which is a digital asset during any cal-

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1 endar year and with respect to which such broker is not  
2 otherwise required to furnish a return under section 6045  
3 or a written statement under subsection (a), shall make  
4 a return for such calendar year, in accordance with such  
5 regulations as the Secretary may prescribe, showing the  
6 information otherwise required to be furnished under sub-  
7 section (a).”.

8 (B) REPORTING PENALTIES.—Section  
9 6724(d)(1)(B) of such Code is amended by  
10 striking “or” at the end of clause (xxv), by  
11 striking “and” at the end of clause (xxvi), and  
12 by inserting after clause (xxvi) the following  
13 new clause:

14 “(xxvii) section 6045A(d) (relating to  
15 returns for certain digital assets),”.

16 (3) TREATMENT AS CASH FOR PURPOSES OF  
17 SECTION 6050I.—Section 6050I(d) of such Code is  
18 amended by striking “and” at the end of paragraph  
19 (1), by striking the period at the end of paragraph  
20 (2) and inserting “, and”, and by inserting after  
21 paragraph (2) the following new paragraph:

22 “(3) any digital asset (as defined in section  
23 6045(g)(3)(D)).”.

24 (c) RULE OF CONSTRUCTION.—Nothing in this sec-  
25 tion or the amendments made by this section shall be con-

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1 strued to create any inference with respect to the authority  
2 of the Secretary of the Treasury (or the Secretary’s dele-  
3 gate) to issue regulations or other guidance with respect  
4 to the application of section 6045 of the Internal Revenue  
5 Code of 1986 with respect to digital assets before the ef-  
6 fective date of such amendments.

7 (d) EFFECTIVE DATE.—The amendments made by  
8 this section shall apply to returns required to be filed, and  
9 statements required to be furnished, after December 31,  
10 2023.

11 **SEC. 70505. TERMINATION OF EMPLOYEE RETENTION**  
12 **CREDIT FOR EMPLOYERS SUBJECT TO CLO-**  
13 **SURE DUE TO COVID-19.**

14 (a) IN GENERAL.—Section 3134 of the Internal Rev-  
15 enue Code of 1986 is amended—

16 (1) in subsection (c)(5)—

17 (A) in subparagraph (A), by adding “and”  
18 at the end,

19 (B) in subparagraph (B), by striking “,  
20 and” at the end and inserting a period, and

21 (C) by striking subparagraph (C), and

22 (2) in subsection (n), by striking “January 1,  
23 2022” and inserting “October 1, 2021 (or, in the  
24 case of wages paid by an eligible employer which is  
25 a recovery startup business, January 1, 2022)”.

2310

1 (b) EFFECTIVE DATE.—The amendments made by  
2 this section shall apply to calendar quarters beginning  
3 after September 30, 2021.

4 **[SEC. 70506. INCREASE IN NATIONAL LIMITATION AMOUNT**  
5 **FOR QUALIFIED HIGHWAY OR SURFACE**  
6 **FREIGHT TRANSPORTATION FACILITIES.]**

7 **[(a) IN GENERAL.—Section 142(m)(2)(A) of the In-**  
8 **ternal Revenue Code of 1986 is amended by striking**  
9 **“\$15,000,000,000” and inserting “\$30,000,000,000”.]**

10 **[(b) EFFECTIVE DATE.—The amendment made by**  
11 **this section shall apply to bonds issued after the date of**  
12 **the enactment of this Act.]**

13 **DIVISION H—APPROPRIATIONS**

14 That the following sums are appropriated, out of any  
15 money in the Treasury not otherwise appropriated, for the  
16 fiscal year ending September 30, 2022, and for other pur-  
17 poses, namely:

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1 TITLE I—AGRICULTURE, RURAL DEVELOP-  
2 MENT, FOOD AND DRUG ADMINISTRATION,  
3 AND RELATED AGENCIES

4 DEPARTMENT OF AGRICULTURE  
5 FARM PRODUCTION AND CONSERVATION  
6 PROGRAMS

7 NATURAL RESOURCES CONSERVATION SERVICE  
8 WATERSHED AND FLOOD PREVENTION OPERATIONS

9 For an additional amount for “Watershed and Flood  
10 Prevention Operations”, \$500,000,000, to remain avail-  
11 able until expended: *Provided*, That not later than 90 days  
12 after the date of enactment of this Act, the Secretary of  
13 Agriculture shall submit to the House and Senate Com-  
14 mittees on Appropriations a detailed spend plan, including  
15 a list of project locations and project cost: *Provided fur-*  
16 *ther*, That such amount is designated by the Congress as  
17 being for an emergency requirement pursuant to section  
18 4112(a) of H. Con. Res. 71 (115th Congress), the concur-  
19 rent resolution on the budget for fiscal year 2018, and  
20 to section 251(b) of the Balanced Budget and Emergency  
21 Deficit Control Act of 1985.

22 WATERSHED REHABILITATION PROGRAM

23 For an additional amount for “Watershed Rehabilita-  
24 tion Program”, \$118,000,000, to remain available until  
25 expended: *Provided*, That not later than 90 days after the

2312

1 date of enactment of this Act, the Secretary of Agriculture  
2 shall submit to the House and Senate Committees on Ap-  
3 propriations a detailed spend plan, including a list of  
4 project locations and project cost: *Provided further*, That  
5 such amount is designated by the Congress as being for  
6 an emergency requirement pursuant to section 4112(a) of  
7 H. Con. Res. 71 (115th Congress), the concurrent resolu-  
8 tion on the budget for fiscal year 2018, and to section  
9 251(b) of the Balanced Budget and Emergency Deficit  
10 Control Act of 1985.

11 EMERGENCY WATERSHED PROTECTION PROGRAM

12 For an additional amount for “Emergency Watershed  
13 Protection Program” to repair damages to the waterways  
14 and watersheds resulting from natural disasters,  
15 \$300,000,000, to remain available until expended: *Pro-*  
16 *vided*, That such amount is designated by the Congress  
17 as being for an emergency requirement pursuant to sec-  
18 tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
19 concurrent resolution on the budget for fiscal year 2018,  
20 and to section 251(b) of the Balanced Budget and Emer-  
21 gency Deficit Control Act of 1985.

22 FARM SECURITY AND RURAL INVESTMENT PROGRAMS

23 For an additional amount for “Farm Security and  
24 Rural Investment Programs”, \$150,000,000, to remain  
25 available until expended, for the Environmental Quality



2313

1 Incentives Program established under subchapter A of  
2 chapter 4 of subtitle D of title XII of the Food Security  
3 Act of 1985 (16 U.S.C. 3839aa et seq.), in addition to  
4 amounts otherwise available for such purpose: *Provided*,  
5 That \$30,000,000, to remain available until expended,  
6 shall be made available for fiscal year 2022, \$30,000,000,  
7 to remain available until expended, shall be made available  
8 for fiscal year 2023, \$30,000,000, to remain available  
9 until expended, shall be made available for fiscal year  
10 2024, \$30,000,000, to remain available until expended,  
11 shall be made available for fiscal year 2025, and  
12 \$30,000,000, to remain available until expended, shall be  
13 made available for fiscal year 2026: *Provided further*, That  
14 the Secretary of Agriculture shall use the amounts made  
15 available under this heading in this Act to carry out an  
16 Ogallala Aquifer initiative to support targeted, local ef-  
17 forts to reduce aquifer water use, increase water use effi-  
18 ciency, improve water quality, and enhance the economic  
19 viability of cropland and rangeland in States under which  
20 the Ogallala Aquifer, including the Great Bend Prairie  
21 Aquifer, lies: *Provided further*, That such amount is des-  
22 ignated by the Congress as being for an emergency re-  
23 quirement pursuant to section 4112(a) of H. Con. Res.  
24 71 (115th Congress), the concurrent resolution on the  
25 budget for fiscal year 2018, and to section 251(b) of the

2314

1 Balanced Budget and Emergency Deficit Control Act of  
2 1985.

3 TITLE II—COMMERCE, JUSTICE, SCIENCE, AND  
4 RELATED AGENCIES

5 DEPARTMENT OF COMMERCE

6 NATIONAL OCEANIC AND ATMOSPHERIC

7 ADMINISTRATION

8 OPERATIONS, RESEARCH, AND FACILITIES

9 For an additional amount for “Operations, Research,  
10 and Facilities”, \$2,611,000,000, to remain available until  
11 September 30, 2027: *Provided*, That \$557,250,000, to re-  
12 main available until September 30, 2023, shall be made  
13 available for fiscal year 2022, \$515,584,000, to remain  
14 available until September 30, 2024, shall be made avail-  
15 able for fiscal year 2023, \$515,583,000, to remain avail-  
16 able until September 30, 2025, shall be made available  
17 for fiscal year 2024, \$515,583,000, to remain available  
18 until September 30, 2026, shall be made available for fis-  
19 cal year 2025, and \$507,000,000, to remain available until  
20 September 30, 2027, shall be made available for fiscal  
21 year 2026: *Provided further*, That of the funds made avail-  
22 able under this heading in this Act, the following amounts  
23 shall be for the following purposes in equal amounts for  
24 each of fiscal years 2022 through 2026, including for ad-

2315

1 ministrative costs, technical support, and oversight, unless  
2 stated otherwise—

3 (1) \$492,000,000 shall be for National Oceans  
4 and Coastal Security Fund grants, as authorized  
5 under section 906(c) of division O of Public Law  
6 114–113;

7 (2) \$491,000,000 shall be for contracts, grants,  
8 and cooperative agreements to provide funding and  
9 technical assistance for purposes of restoring ma-  
10 rine, estuarine, coastal, or Great Lakes ecosystem  
11 habitat, or constructing or protecting ecological fea-  
12 tures that protect coastal communities from flooding  
13 or coastal storms;

14 (3) \$492,000,000 shall be for coastal and in-  
15 land flood and inundation mapping and forecasting,  
16 and next-generation water modeling activities, in-  
17 cluding modernized precipitation frequency and  
18 probable maximum studies;

19 (4) \$25,000,000 shall be for data acquisition  
20 activities pursuant to section 511(b) of the Water  
21 Resources Development Act of 2020 (division AA of  
22 Public Law 116–260), of which \$8,334,000 shall be  
23 available in fiscal year 2023 and \$8,333,000 shall be  
24 available in each of fiscal years 2024 and 2025;

2316

1           (5) \$50,000,000 shall be for wildfire prediction,  
2           detection, observation, modeling, and forecasting, for  
3           fiscal year 2022;

4           (6) \$1,000,000 shall be for the study of soil  
5           moisture and snowpack monitoring network in the  
6           Upper Missouri River Basin pursuant to section  
7           511(b)(3) of the Water Resources Development Act  
8           of 2020 (division AA of Public Law 116–260), in  
9           equal amounts for each of fiscal years 2022 through  
10          2025;

11          (7) \$150,000,000 shall be for marine debris as-  
12          sessment, prevention, mitigation, and removal;

13          (8) \$50,000,000 shall be for marine debris pre-  
14          vention and removal through the National Sea Grant  
15          College Program (33 U.S.C. 1121 et seq.);

16          (9) \$207,000,000 shall be for habitat restora-  
17          tion projects pursuant to section 310 of the Coastal  
18          Zone Management Act (16 U.S.C. 1456c), including  
19          ecosystem conservation pursuant to section 12502 of  
20          the Omnibus Public Land Management Act of 2009  
21          (16 U.S.C. 1456–1), notwithstanding subsection (g)  
22          of that section;

23          (10) \$77,000,000 shall be for habitat restora-  
24          tion projects through the National Estuarine Re-  
25          search Reserve System (16 U.S.C. 1456c), including

2317

1 ecosystem conservation pursuant to section 12502 of  
2 the Omnibus Public Land Management Act of 2009  
3 (16 U.S.C. 1456–1);

4 (11) \$100,000,000 shall be for supporting im-  
5 proved and enhanced coastal, ocean, and Great  
6 Lakes observing systems;

7 (12) \$56,000,000 shall be for established Re-  
8 gional Ocean Partnerships (ROPs) to coordinate the  
9 interstate and intertribal management of ocean and  
10 coastal resources and to implement their priority ac-  
11 tions, including to enhance associated sharing and  
12 integration of Federal and non-Federal data by  
13 ROPs, or their equivalent;

14 (13) \$20,000,000 shall be for consultations and  
15 permitting related to the Endangered Species Act,  
16 the Marine Mammal Protection Act, and Essential  
17 Fish Habitat; and

18 (14) \$400,000,000 shall be for restoring fish  
19 passage by removing in-stream barriers and pro-  
20 viding technical assistance pursuant to section 117  
21 of the Magnuson-Stevens Fishery Conservation and  
22 Management Reauthorization Act of 2006 (16  
23 U.S.C. 1891a), of which up to 15 percent shall be  
24 reserved for Indian Tribes or partnerships of Indian  
25 Tribes in conjunction with an institution of higher

2318

1 education, non-profit, commercial (for profit) organi-  
2 zations, U.S. territories, and state or local govern-  
3 ments, and of which the remaining amount shall be  
4 for all eligible entities, including Indian Tribes and  
5 such partnerships of Indian Tribes:

6 *Provided further*, That under this heading the term Indian  
7 Tribe shall have the meaning given to the term in section  
8 4 of the Indian Self-Determination and Education Act (25  
9 U.S.C. 5304): *Provided further*, That nothing in this  
10 under this heading shall be construed as providing any  
11 new authority to remove, breach, or otherwise alter the  
12 operations of a Federal hydropower dam, and dam re-  
13 moval projects shall include written consent of the dam  
14 owner, if ownership is established: *Provided further*, That  
15 amounts made available under this heading in this Act  
16 may be used for consultations and permitting related to  
17 the Endangered Species Act and the Marine Mammal Pro-  
18 tection Act for projects funded under this heading in this  
19 Act: *Provided further*, That not later than 90 days after  
20 the date of enactment of this Act, the National Oceanic  
21 and Atmospheric Administration shall submit to the Com-  
22 mittees on Appropriations of the House of Representatives  
23 and the Senate a detailed spend plan for fiscal year 2022:  
24 *Provided further*, That for each of fiscal years 2023  
25 through 2026, as part of the annual budget submission

2319

1 of the President under section 1105(a) of title 31, United  
2 States Code, the Secretary of Commerce shall submit a  
3 detailed spend plan for that fiscal year: *Provided further*,  
4 That the Secretary may waive or reduce the required non-  
5 Federal share for amounts made available under this  
6 heading in this Act: *Provided further*, That such amount  
7 is designated by the Congress as being for an emergency  
8 requirement pursuant to section 4112(a) of H. Con. Res.  
9 71 (115th Congress), the concurrent resolution on the  
10 budget for fiscal year 2018, and to section 251(b) of the  
11 Balanced Budget and Emergency Deficit Control Act of  
12 1985.

13 PROCUREMENT, ACQUISITION AND CONSTRUCTION

14 For an additional amount for “Procurement, Acquisi-  
15 tion and Construction”, \$180,000,000, to remain available  
16 until September 30, 2024, as follows:

17 (1) \$50,000,000 shall be for observation and  
18 dissemination infrastructure used for wildfire pre-  
19 diction, detection, and forecasting;

20 (2) \$80,000,000 shall be for research supercom-  
21 puting infrastructure used for weather and climate  
22 model development to improve drought, flood, and  
23 wildfire prediction, detection, and forecasting; and

24 (3) \$50,000,000 shall be for coastal, ocean, and  
25 Great Lakes observing systems:

2320

1 *Provided*, That not later than 90 days after the date of  
2 enactment of this Act, the National Oceanic and Atmos-  
3 pheric Administration shall submit to the Committees on  
4 Appropriations of the House of Representatives and the  
5 Senate a detailed spend plan: *Provided further*, That such  
6 amount is designated by the Congress as being for an  
7 emergency requirement pursuant to section 4112(a) of H.  
8 Con. Res. 71 (115th Congress), the concurrent resolution  
9 on the budget for fiscal year 2018, and to section 251(b)  
10 of the Balanced Budget and Emergency Deficit Control  
11 Act of 1985.

## 12 PACIFIC COASTAL SALMON RECOVERY

13 For an additional amount for “Pacific Coastal Salm-  
14 on Recovery”, \$172,000,000, to remain available until  
15 September 30, 2027: *Provided*, That \$34,400,000, to re-  
16 main available until September 30, 2023, shall be made  
17 available for fiscal year 2022, \$34,400,000, to remain  
18 available until September 30, 2024, shall be made avail-  
19 able for fiscal year 2023, \$34,400,000, to remain available  
20 until September 30, 2025, shall be made available for fis-  
21 cal year 2024, \$34,400,000, to remain available until Sep-  
22 tember 30, 2026, shall be made available for fiscal year  
23 2025, and \$34,400,000, to remain available until Sep-  
24 tember 30, 2027, shall be made available for fiscal year  
25 2026: *Provided*, That not later than 90 days after the date



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1 of enactment of this Act, the National Oceanic and Atmos-  
2 pheric Administration shall submit to the Committees on  
3 Appropriations of the House of Representatives and the  
4 Senate a spend plan for fiscal year 2022: *Provided further*,  
5 That for each of fiscal years 2023 through 2026, as part  
6 of the annual budget submission of the President under  
7 section 1105(a) of title 31, United States Code, the Sec-  
8 retary of Commerce shall submit a detailed spend plan for  
9 that fiscal year: *Provided further*, That the Secretary may  
10 waive or reduce the required non-Federal share for  
11 amounts made available under this heading in this Act:  
12 *Provided further*, That such amount is designated by the  
13 Congress as being for an emergency requirement pursuant  
14 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
15 the concurrent resolution on the budget for fiscal year  
16 2018, and to section 251(b) of the Balanced Budget and  
17 Emergency Deficit Control Act of 1985.

## 18 TITLE III—ENERGY AND WATER

## 19 DEVELOPMENT AND RELATED AGENCIES

## 20 DEPARTMENT OF THE ARMY

## 21 CORPS OF ENGINEERS—CIVIL

## 22 INVESTIGATIONS

23 For an additional amount for “Investigations”,  
24 \$150,000,000, to remain available until expended: *Pro-*  
25 *vided*, That of the amount provided under this heading

2322

1 in this Act, \$30,000,000 shall be used by the Secretary  
2 of the Army, acting through the Chief of Engineers, to  
3 undertake work authorized to be carried out in accordance  
4 with section 22 of the Water Resources Development Act  
5 of 1974 (Public Law 93–251; 42 U.S.C. 1962d–16), as  
6 amended: *Provided further*, That of the amount provided  
7 under this heading in this Act, \$45,000,000 shall be used  
8 by the Secretary of the Army, acting through the Chief  
9 of Engineers, to undertake work authorized to be carried  
10 out in accordance with section 206 of the 1960 Flood Con-  
11 trol Act (Public Law 86–645), as amended: *Provided fur-*  
12 *ther*, That of the amount provided under this heading in  
13 this Act, \$75,000,000 shall be used for necessary expenses  
14 related to the completion, or initiation and completion, of  
15 studies which are authorized prior to the date of enact-  
16 ment of this Act, of which \$30,000,000, to become avail-  
17 able on October 1, 2022, shall be used by the Secretary  
18 of the Army, acting through the Chief of Engineers, to  
19 complete, or to initiate and complete, studies carried out  
20 in accordance with section 118 of division AA of the Con-  
21 solidated Appropriations Act, 2021 (Public Law 116–  
22 260), except that the limitation on the number of studies  
23 authorized to be carried out under section 118(b) and sec-  
24 tion 118(c) shall not apply: *Provided further*, That not  
25 later than 60 days after the date of enactment of this Act,

2323

1 the Chief of Engineers shall submit to the House and Sen-  
2 ate Committees on Appropriations a detailed spend plan  
3 for the funds identified for fiscal year 2022 in the pre-  
4 ceding proviso, including a list of project locations and  
5 new studies selected to be initiated: *Provided further*, That  
6 not later than 60 days after the date of enactment of this  
7 Act, the Chief of Engineers shall provide a briefing to the  
8 House and Senate Committees on Appropriations on an  
9 implementation plan, including a schedule for solicitation  
10 of projects and expenditure of funds, for the funding pro-  
11 vided for fiscal year 2023 to undertake work authorized  
12 to be carried out in accordance with section 118 of division  
13 AA of the Consolidated Appropriations Act, 2021 (Public  
14 Law 116–260): *Provided further*, That for fiscal year  
15 2023, as part of the annual budget submission of the  
16 President under section 1105(a) of title 31, United States  
17 Code, the Chief of Engineers shall submit a detailed spend  
18 plan for that fiscal year, including a list of project loca-  
19 tions for the funding provided to undertake work author-  
20 ized to be carried out in accordance with section 118 of  
21 division AA of the Consolidated Appropriations Act, 2021  
22 (Public Law 116–260): *Provided further*, That beginning  
23 not later than 120 days after the enactment of this Act,  
24 the Chief of Engineers shall provide a monthly report to  
25 the Committees on Appropriations of the House of Rep-

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1 representatives and the Senate detailing the allocation and  
2 obligation of the funds provided under this heading in this  
3 Act, including new studies selected to be initiated using  
4 funds provided under this heading: *Provided further*, That  
5 such amount is designated by the Congress as being for  
6 an emergency requirement pursuant to section 4112(a) of  
7 H. Con. Res. 71 (115th Congress), the concurrent resolu-  
8 tion on the budget for fiscal year 2018, and to section  
9 251(b) of the Balanced Budget and Emergency Deficit  
10 Control Act of 1985.

11

## CONSTRUCTION

12 For an additional amount for “Construction”,  
13 \$11,500,000,000, to remain available until expended: *Pro-*  
14 *vided*, That the Secretary may initiate additional new con-  
15 struction starts with funds provided under this heading  
16 in this Act: *Provided further*, That the limitation con-  
17 cerning total project costs in section 902 of the Water Re-  
18 sources Development Act of 1986 (Public Law 99–662;  
19 33 U.S.C. 2280), as amended, shall not apply to any  
20 project completed using funds provided under this heading  
21 in this Act: *Provided further*, That of the amount provided  
22 under this heading in this Act, such sums as are necessary  
23 to cover the Federal share of construction costs for facili-  
24 ties under the Dredged Material Disposal Facilities pro-  
25 gram shall be derived from the general fund of the Treas-

2325

1 ury: *Provided further*, That of the amount provided under  
2 this heading in this Act, \$1,500,000,000 shall be for  
3 major rehabilitation, construction, and related activities  
4 for rivers and harbors, of which not more than  
5 \$250,000,000 shall be to undertake work at harbors de-  
6 fined by section 2006 of the Water Resources Develop-  
7 ment Act of 2007 (Public Law 110–114, 33 U.S.C. 2242),  
8 as amended, and not more than \$250,000,000 may be for  
9 projects determined to require repair in the report pre-  
10 pared pursuant to section 1104 of the Water Infrastruc-  
11 ture Improvements for the Nation Act (Public Law 114–  
12 322): *Provided further*, That of the amount provided under  
13 this heading in this Act, \$200,000,000 shall be for water-  
14 related environmental infrastructure assistance: *Provided*  
15 *further*, That of the amount provided under this heading  
16 in this Act, \$2,500,000,000 shall be for inland waterways  
17 projects: *Provided further*, That notwithstanding any other  
18 provision of law, section 102, as amended, of the Water  
19 Resources Development Act of 1986 (Public Law 99–662;  
20 33 U.S.C. 2212) shall not apply to funds provided in the  
21 preceding proviso: *Provided further*, That of the amount  
22 provided under this heading in this Act, \$465,000,000  
23 shall be used by the Secretary of the Army, acting through  
24 the Chief of Engineers, to undertake work authorized to  
25 be carried out in accordance with section 14, as amended,

## 2326

1 of the Flood Control Act of 1946 (33 U.S.C. 701r), section  
2 103, as amended, of the River and Harbor Act of 1962  
3 (Public Law 87–874), section 107, as amended, of the  
4 River and Harbor Act 1960 (Public Law 86–645), section  
5 204 of the Water Resources Development Act of 1992 (33  
6 U.S.C. 2326), section 205 of the Flood Control Act of  
7 1948 (33 U.S.C. 701s), section 206 of the Water Re-  
8 sources Development Act of 1996 (Public Law 104–303;  
9 33 U.S.C. 2330), or section 1135 of the Water Resources  
10 Development Act of 1986 (Public Law 99–662; 33 U.S.C.  
11 2309a), section 165(a) of division AA of the Consolidated  
12 Appropriations Act, 2021 (Public Law 116–260), notwith-  
13 standing the project number or program cost limitations  
14 set forth in those sections: *Provided further*, That of the  
15 amounts in the preceding proviso, \$115,000,000, shall be  
16 used under the aquatic ecosystem restoration program  
17 under section 206 of the Water Resources Development  
18 Act of 1996 (33 U.S.C. 2330) to restore fish and wildlife  
19 passage by removing in-stream barriers and provide tech-  
20 nical assistance to non-Federal interests carrying out such  
21 activities, at full Federal expense and notwithstanding the  
22 individual project cost limitation set forth in that section:  
23 *Provided further*, That the amounts provided in the pre-  
24 ceding proviso may be used to remove an in-stream barrier  
25 the removal of which is otherwise the legal obligation of

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1 a private entity or non-Federal interest under the terms  
2 of a Federal license or permit, shall not be construed to  
3 provide any new authority to remove, breach, or otherwise  
4 alter the operations of a Federal hydropower dam, and  
5 do not limit the Secretary of the Army, acting through  
6 the Chief of Engineers, from allotting additional funds  
7 from amounts provided under this heading in this Act for  
8 other purposes allowed under section 206 of the Water  
9 Resources Development Act of 1996 (33 U.S.C. 2330):  
10 *Provided further*, That of the amount provided under this  
11 heading in this Act, \$1,900,000,000 shall be for aquatic  
12 ecosystem restoration projects, of which not less than  
13 \$1,000,000,000 shall be for multi-purpose projects or  
14 multi-purpose programs that include aquatic ecosystem  
15 restoration as a purpose: *Provided further*, That of the  
16 amount provided under this heading in this Act,  
17 \$2,550,000,000 shall be for coastal storm risk manage-  
18 ment, hurricane and storm damage reduction projects, and  
19 related activities targeting States that have been impacted  
20 by federally declared disasters over the last six years,  
21 which may include projects authorized by Sec. 116 of Pub-  
22 lic Law 111–85, of which not less than \$1,000,000,000  
23 shall be for multi-purpose projects or multi-purpose pro-  
24 grams that include flood risk management benefits as a  
25 purpose: *Provided further*, That of the amount provided

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1 in the preceding proviso, \$200,000,000 shall be for shore  
2 protection projects: *Provided further*, That of the funds in  
3 the preceding proviso, \$100,000,000, to remain available  
4 until expended, shall be made available for fiscal year  
5 2022, \$50,000,000, to remain available until expended,  
6 shall be made available for fiscal year 2023, and  
7 \$50,000,000, to remain available until expended, shall be  
8 made available for fiscal year 2024: *Provided further*, That  
9 the amounts provided in the preceding proviso do not limit  
10 the Secretary of the Army, acting through the Chief of  
11 Engineers, from allotting additional funds from amounts  
12 provided under this heading in this Act for additional  
13 shore protection projects: *Provided further*, That of the  
14 amount provided under this heading in this Act,  
15 \$2,500,000,000 shall be for inland flood risk management  
16 projects, of which not less than \$750,000,000 shall be for  
17 multi-purpose projects or multi-purpose programs that in-  
18 clude flood risk management as a purpose: *Provided fur-*  
19 *ther*, That not later than 60 days after the date of enact-  
20 ment of this Act, the Chief of Engineers shall submit to  
21 the House and Senate Committees on Appropriations a  
22 detailed spend plan for the funds provided under this  
23 heading in this Act for each fiscal year, including a list  
24 of project locations and new construction projects selected  
25 to be initiated: *Provided further*, That beginning not later



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1 than 120 days after the enactment of this Act, the Chief  
2 of Engineers shall provide a monthly report to the Com-  
3 mittees on Appropriations of the House of Representatives  
4 and the Senate detailing the allocation and obligation of  
5 these funds, including new construction projects selected  
6 to be initiated using funds provided under this heading  
7 in this Act: *Provided further*, That such amount is des-  
8 ignated by the Congress as being for an emergency re-  
9 quirement pursuant to section 4112(a) of H. Con. Res.  
10 71 (115th Congress), the concurrent resolution on the  
11 budget for fiscal year 2018, and to section 251(b) of the  
12 Balanced Budget and Emergency Deficit Control Act of  
13 1985.

14 MISSISSIPPI RIVER AND TRIBUTARIES

15 For an additional amount for “Mississippi River and  
16 Tributaries”, \$808,000,000, to remain available until ex-  
17 pended: *Provided*, That of the amount provided under this  
18 heading in this Act, \$258,000,000, which shall be obli-  
19 gated within 90 days of enactment of this Act, shall be  
20 used for necessary expenses to address emergency situa-  
21 tions at Corps of Engineers Federal projects caused by  
22 natural disasters: *Provided further*, That the Secretary  
23 may initiate additional new construction starts with funds  
24 provided under this heading in this Act: *Provided further*,  
25 That the limitation concerning total project costs in sec-

2330

1 tion 902 of the Water Resources Development Act of 1986  
2 (Public Law 99–662; 33 U.S.C. 2280), as amended, shall  
3 not apply to any project receiving funds provided under  
4 this heading in this Act: *Provided further*, That not later  
5 than 60 days after the date of enactment of this Act, the  
6 Chief of Engineers shall submit to the House and Senate  
7 Committees on Appropriations a detailed spend plan for  
8 fiscal year 2022, including a list of project locations and  
9 construction projects selected to be initiated: *Provided fur-*  
10 *ther*, That of the amount provided under this heading in  
11 this Act, such sums as are necessary to cover the Federal  
12 share of eligible operation and maintenance costs for in-  
13 land harbors shall be derived from the general fund of the  
14 Treasury: *Provided further*, That beginning not later than  
15 120 days after the enactment of this Act, the Chief of  
16 Engineers shall provide a monthly report to the Commit-  
17 tees on Appropriations of the House of Representatives  
18 and the Senate detailing the allocation and obligation of  
19 these funds, including construction projects selected to be  
20 initiated using funds provided under this heading in this  
21 Act: *Provided further*, That such amount is designated by  
22 the Congress as being for an emergency requirement pur-  
23 suant to section 4112(a) of H. Con. Res. 71 (115th Con-  
24 gress), the concurrent resolution on the budget for fiscal

## 2331

1 year 2018, and to section 251(b) of the Balanced Budget  
2 and Emergency Deficit Control Act of 1985.

3 OPERATION AND MAINTENANCE  
4 (INCLUDING TRANSFER OF FUNDS)

5 For an additional amount for “Operations and Main-  
6 tenance”, \$4,000,000,000, to remain available until ex-  
7 pended: *Provided*, That \$2,000,000,000, to remain avail-  
8 able until expended, shall be made available for fiscal year  
9 2022, \$1,000,000,000, to remain available until expended,  
10 shall be made available for fiscal year 2023,  
11 \$1,000,000,000, to remain available until expended, shall  
12 be made available for fiscal year 2024: *Provided further*,  
13 That of the amount provided under this heading in this  
14 Act for fiscal year 2022, \$626,000,000, which shall be ob-  
15 ligated within 90 days of enactment of this Act, shall be  
16 used for necessary expenses to dredge Federal navigation  
17 projects in response to, and repair damages to Corps of  
18 Engineers Federal projects caused by, natural disasters:  
19 *Provided further*, That of the amount provided under this  
20 heading in this Act, \$40,000,000 shall be to carry out Soil  
21 Moisture and Snowpack Monitoring activities, as author-  
22 ized in section 4003(a) of the Water Resources Reform  
23 and Development Act of 2014, as amended: *Provided fur-*  
24 *ther*, That not later than 60 days after the date of enact-  
25 ment of this Act, the Chief of Engineers shall submit to

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1 the House and Senate Committees on Appropriations a  
2 detailed spend plan for fiscal year 2022, including a list  
3 of project locations, other than for the amount for natural  
4 disasters identified in the second proviso: *Provided further,*  
5 That for fiscal years 2023 and 2024, as part of the annual  
6 budget submission of the President under section 1105(a)  
7 of title 31, United States Code, the Chief of Engineers  
8 shall submit a detailed spend plan for that fiscal year, in-  
9 cluding a list of project locations: *Provided further,* That  
10 of the amount provided under this heading in this Act,  
11 such sums as are necessary to cover the Federal share of  
12 eligible operation and maintenance costs for coastal har-  
13 bors and channels, and for inland harbors shall be derived  
14 from the general fund of the Treasury: *Provided further,*  
15 That up to four percent of the amounts made available  
16 under this heading in this Act for any fiscal year may be  
17 transferred to “Regulatory Program” or “Expenses” to  
18 carry out activities funded by those accounts: *Provided*  
19 *further,* That the Committees on Appropriations of the  
20 Senate and the House of Representatives shall be notified  
21 at least 30 days in advance of any transfer made pursuant  
22 to the preceding proviso: *Provided further,* That such  
23 amount is designated by the Congress as being for an  
24 emergency requirement pursuant to section 4112(a) of H.  
25 Con. Res. 71 (115th Congress), the concurrent resolution

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1 on the budget for fiscal year 2018, and to section 251(b)  
2 of the Balanced Budget and Emergency Deficit Control  
3 Act of 1985.

4 REGULATORY PROGRAM

5 For an additional amount for “Regulatory Program”,  
6 \$160,000,000, to remain available until September 30,  
7 2026: *Provided*, That such amount is designated by the  
8 Congress as being for an emergency requirement pursuant  
9 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
10 the concurrent resolution on the budget for fiscal year  
11 2018, and to section 251(b) of the Balanced Budget and  
12 Emergency Deficit Control Act of 1985.

13 FLOOD CONTROL AND COASTAL EMERGENCIES

14 For an additional amount for “Flood Control and  
15 Coastal Emergencies”, \$251,000,000, to remain available  
16 until expended: *Provided*, That funding provided under  
17 this heading in this Act and utilized for authorized shore  
18 protection projects shall restore such projects to the full  
19 project profile at full Federal expense: *Provided further*,  
20 That such amount is designated by the Congress as being  
21 for an emergency requirement pursuant to section 4112(a)  
22 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
23 lution on the budget for fiscal year 2018, and to section  
24 251(b) of the Balanced Budget and Emergency Deficit  
25 Control Act of 1985.

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1 EXPENSES

2 For an additional amount for “Expenses”,  
3 \$40,000,000, to remain available until expended: *Pro-*  
4 *vided*, That such amount is designated by the Congress  
5 as being for an emergency requirement pursuant to sec-  
6 tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
7 concurrent resolution on the budget for fiscal year 2018,  
8 and to section 251(b) of the Balanced Budget and Emer-  
9 gency Deficit Control Act of 1985.

10 WATER INFRASTRUCTURE FINANCE AND INNOVATION

11 PROGRAM ACCOUNT

12 For an additional amount for “Water Infrastructure  
13 Finance and Innovation Program Account”, \$75,000,000,  
14 to remain available until expended: *Provided*, That of the  
15 amounts provided under this heading in this Act,  
16 \$64,000,000 shall be for the cost of direct loans and for  
17 the cost of guaranteed loans, for safety projects to main-  
18 tain, upgrade, and repair dams identified in the National  
19 Inventory of Dams with a primary owner type of state,  
20 local government, public utility, or private: *Provided fur-*  
21 *ther*, That no project may be funded with amounts pro-  
22 vided under this heading for a dam that is identified as  
23 jointly owned in the National Inventory of Dams and  
24 where one of those joint owners is the Federal Govern-  
25 ment: *Provided further*, That of the amounts provided

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1 under this heading in this Act \$11,000,000 shall be for  
2 administrative expenses to carry out the direct and guar-  
3 anteed loan programs, notwithstanding section 5033 of  
4 the Water Infrastructure Finance and Innovation Act of  
5 2014: *Provided further*, That such amount is designated  
6 by the Congress as being for an emergency requirement  
7 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
8 Congress), the concurrent resolution on the budget for fis-  
9 cal year 2018, and to section 251(b) of the Balanced  
10 Budget and Emergency Deficit Control Act of 1985.

## 11 DEPARTMENT OF THE INTERIOR

## 12 BUREAU OF RECLAMATION

## 13 WATER AND RELATED RESOURCES

## 14 (INCLUDING TRANSFER OF FUNDS)

15 For an additional amount for “Water and Related  
16 Resources”, \$8,300,000,000, to remain available until ex-  
17 pended: *Provided*, That \$1,660,000,000, to remain avail-  
18 able until expended, shall be made available for fiscal year  
19 2022, \$1,660,000,000, to remain available until expended,  
20 shall be made available for fiscal year 2023,  
21 \$1,660,000,000, to remain available until expended, shall  
22 be made available for fiscal year 2024, \$1,660,000,000,  
23 to remain available until expended, shall be made available  
24 for fiscal year 2025, \$1,660,000,000, to remain available  
25 until expended, shall be made available for fiscal year

2336

1 2026: *Provided further*, That of the amount provided  
2 under this heading in this Act for fiscal years 2022  
3 through 2026, \$1,150,000,000 shall be for water storage,  
4 groundwater storage, and conveyance projects in accord-  
5 ance with section 30902 of division C: *Provided further*,  
6 That of the funds identified in the preceding proviso,  
7 \$100,000,000 shall be available for small surface water  
8 and ground water storage projects authorized in section  
9 30903 of division C: *Provided further*, That of the amount  
10 provided under this heading in this Act, \$3,200,000,000  
11 shall be available for transfer into the Aging Infrastruc-  
12 ture Account established by section 9603(d)(1) of the Om-  
13 nibus Public Land Management Act of 2009, as amended  
14 (43 U.S.C. 510b(d)(1)): *Provided further*, That of the  
15 funds identified in the preceding proviso, \$100,000,000  
16 shall be made available for reserved or transferred works  
17 that have suffered a critical failure, in accordance with  
18 section 30904(a) of division C , and \$100,000,000 shall  
19 be made available for dam rehabilitation, reconstruction,  
20 or replacement in accordance with section 30904(b) of di-  
21 vision C: *Provided further*, That of the amount provided  
22 under this heading in this Act for fiscal years 2022  
23 through 2026, \$1,000,000,000 shall be for rural water  
24 projects that have been authorized by an Act of Congress  
25 before July 1, 2021, in accordance with the Reclamation



2337

1 Rural Water Supply Act of 2006 (43 U.S.C. 2401 et seq.):  
2 *Provided further*, That of the amount provided under this  
3 heading in this Act for fiscal years 2022 through 2026,  
4 \$1,000,000,000 shall be for water recycling and reuse  
5 projects: *Provided further*, That of the funds identified in  
6 the preceding proviso, \$550,000,000 shall be for water re-  
7 cycling and reuse projects authorized in accordance with  
8 the Reclamation Wastewater and Groundwater Study and  
9 Facilities Act (42 U.S.C. 390h et seq.), as described in  
10 section 30901(4)(A) of division C , and \$450,000,000  
11 shall be for large-scale water recycling and reuse projects  
12 in accordance with section 30905 of division C: *Provided*  
13 *further*, That of the amount provided under this heading  
14 in this Act for fiscal years 2022 through 2026,  
15 \$250,000,000 shall be for water desalination projects in  
16 accordance with the Water Desalinization Act of 1996 (42  
17 U.S.C. 10301 note; Public Law 104–298), as described  
18 in section 30901(5) of division C: *Provided further*, That  
19 of the amount provided under this heading in this Act for  
20 fiscal years 2022 through 2026, \$500,000,000 shall be for  
21 the safety of dams program, in accordance with the Rec-  
22 lamation Safety of Dams Act of 1978 (43 U.S.C. 506 et  
23 seq.): *Provided further*, That of the amount provided under  
24 this heading in this Act for fiscal years 2022 through  
25 2026, \$400,000,000 shall be for WaterSMART Grants in

2338

1 accordance with section 9504 of the Omnibus Public Land  
2 Management Act of 2009 (42 U.S.C. 10364): *Provided*  
3 *further*, That of the funds identified in the preceding pro-  
4 viso, \$100,000,000 shall be for projects that would im-  
5 prove the condition of a natural feature or nature-based  
6 feature, as described in section 30901(7) of division C:  
7 *Provided further*, That of the amount provided under this  
8 heading in this Act for fiscal years 2022 through 2026,  
9 \$300,000,000 shall be for implementing the drought con-  
10 tingency plan consistent with the obligations of the Sec-  
11 retary under the Colorado River Drought Contingency  
12 Plan Authorization Act (Public Law 116–14; 133 Stat.  
13 850), as described in section 30901(8) of division C: *Pro-*  
14 *vided further*, That of the funds identified in the preceding  
15 proviso, \$50,000,000 shall be for use in accordance with  
16 the Drought Contingency Plan for the Upper Colorado  
17 River Basin: *Provided further*, That of the amount pro-  
18 vided under this heading in this Act for fiscal years 2022  
19 through 2026, \$100,000,000 shall be to provide financial  
20 assistance for watershed management projects in accord-  
21 ance with subtitle A of title VI of the Omnibus Public  
22 Land Management Act of 2009 (16 U.S.C. 1015 et seq.):  
23 *Provided further*, That of the amount provided under this  
24 heading in this Act for fiscal years 2022 through 2026,  
25 \$250,000,000 shall be for design, study and construction

2339

1 of aquatic ecosystem restoration and protection projects  
2 in accordance with section 1109 of the Consolidated Ap-  
3 propriations Act, 2021: *Provided further*, That of the  
4 amount provided under this heading in this Act for fiscal  
5 years 2022 through 2026, \$100,000,000 shall be for  
6 multi-benefit projects to improve watershed health in ac-  
7 cordance with section 30907 of division C: *Provided fur-*  
8 *ther*, That of the amounts provided under this heading in  
9 this Act for fiscal years 2022 through 2026, \$50,000,000  
10 shall be for endangered species recovery and conservation  
11 programs in the Colorado River Basin in accordance with  
12 Public Law 106–392, title XVIII of Public Law 102–575,  
13 and subtitle E of title IX of Public Law 111–11: *Provided*  
14 *further*, That up to three percent of the amounts made  
15 available under this heading in this Act in each of fiscal  
16 years 2022 through 2026 shall be for program administra-  
17 tion and policy expenses: *Provided further*, That not later  
18 than 60 days after the date of enactment of this Act, the  
19 Secretary of the Interior shall submit to the House and  
20 Senate Committees on Appropriations a detailed spend  
21 plan, including a list of project locations of the preceding  
22 proviso, to be funded for fiscal year 2022: *Provided fur-*  
23 *ther*, That beginning not later than 120 days after the en-  
24 actment of this Act, the Secretary of the Interior shall  
25 provide a monthly report to the Committees on Appropria-

2340

1 tions of the House of Representatives and the Senate de-  
2 tailing the allocation and obligation of the funds provided  
3 under this heading in this Act: *Provided further*, That for  
4 fiscal years 2023 through 2026, as part of the annual  
5 budget submission of the President under section 1105(a)  
6 of title 31, United States Code, the Secretary of the Inte-  
7 rior shall submit a detailed spend plan for those fiscal  
8 years, including a list of project locations: *Provided fur-*  
9 *ther*, That such amount is designated by the Congress as  
10 being for an emergency requirement pursuant to section  
11 4112(a) of H. Con. Res. 71 (115th Congress), the concur-  
12 rent resolution on the budget for fiscal year 2018, and  
13 to section 251(b) of the Balanced Budget and Emergency  
14 Deficit Control Act of 1985.

15 DEPARTMENT OF ENERGY

16 ENERGY PROGRAMS

17 ENERGY EFFICIENCY AND RENEWABLE ENERGY

18 For an additional amount for “Energy Efficiency and  
19 Renewable Energy”, \$16,264,500,000 to remain available  
20 until expended: *Provided*, That of the amount provided  
21 under this heading in this Act, \$250,000,000 shall be for  
22 activities for the Energy Efficiency Revolving Loan Fund  
23 Capitalization Grant Program, as authorized under sec-  
24 tion 30502 of division C of this Act: *Provided further*,  
25 That of the amount provided under this heading in this

2341

1 Act, \$40,000,000 shall be for grants for the Energy Audi-  
2 tor Training Grant Program, as authorized under section  
3 30503 of division C of this Act: *Provided further*, That  
4 of the amount provided under the heading in this Act,  
5 \$225,000,000 shall be for grants for implementing of up-  
6 dated building energy codes, as authorized under section  
7 309 of the Energy Conservation and Production Act (42  
8 U.S.C. 6831 et seq.), as amended by section 30511(a) of  
9 division C of this Act: *Provided further*, That of the funds  
10 in the preceding proviso, \$45,000,000, to remain available  
11 until expended, shall be made available for fiscal year  
12 2022, \$45,000,000, to remain available until expended,  
13 shall be made available for fiscal year 2023, \$45,000,000,  
14 to remain available until expended, shall be made available  
15 for fiscal year 2024, \$45,000,000, to remain available  
16 until expended, shall be made available for fiscal year  
17 2025, and \$45,000,000, to remain available until ex-  
18 pended, shall be made available for fiscal year 2026: *Pro-*  
19 *vided further*, That of the amount provided under this  
20 heading in this Act, \$10,000,000 shall be for Building,  
21 Training, and Assessment Centers, as authorized under  
22 section 30512 of division C of this Act: *Provided further*,  
23 That of the amount provided under this heading in this  
24 Act, \$10,000,000 shall be for grants for Career Skills  
25 Training, as authorized under section 30513 of division

2342

1 C of this Act: *Provided further*, That of the amount pro-  
2 vided under this heading in this Act, \$150,000,000 shall  
3 be for activities for Industrial Research and Assessment  
4 Centers, as authorized under subsections (a) through (h)  
5 of section 457 of the Energy Independence and Security  
6 Act of 2007 (42 U.S.C. 17111 et seq.), as amended by  
7 section 30521(b) of division C of this Act: *Provided fur-*  
8 *ther*, That of the funds in the preceding proviso,  
9 \$30,000,000, to remain available until expended, shall be  
10 made available for fiscal year 2022, \$30,000,000, to re-  
11 main available until expended, shall be made available for  
12 fiscal year 2023, \$30,000,000, to remain available until  
13 expended, shall be made available for fiscal year 2024,  
14 \$30,000,000, to remain available until expended, shall be  
15 made available for fiscal year 2025, and \$30,000,000, to  
16 remain available until expended, shall be made available  
17 for fiscal year 2026: *Provided further*, That of the amount  
18 provided under this heading in this Act, \$400,000,000  
19 shall be for activities for Implementation Grants for In-  
20 dustrial Research and Assessment Centers, as authorized  
21 under section 457(i) of the Energy Independence and Se-  
22 curity Act of 2007 (42 U.S.C. 17111 et seq.), as amended  
23 by section 30521(b) of division C of this Act: *Provided*  
24 *further*, That of the funds in the preceding two provisos,  
25 \$80,000,000, to remain available until expended, shall be

2343

1 made available for fiscal year 2022, \$80,000,000, to re-  
2 main available until expended, shall be made available for  
3 fiscal year 2023, \$80,000,000, to remain available until  
4 expended, shall be made available for fiscal year 2024,  
5 \$80,000,000, to remain available until expended, shall be  
6 made available for fiscal year 2025, and \$80,000,000, to  
7 remain available until expended, shall be made available  
8 for fiscal year 2026: *Provided further*, That of the amount  
9 provided under this heading in this Act, \$50,000,000 shall  
10 be for carrying out activities for Manufacturing Leader-  
11 ship, as authorized under section 30534 of division C of  
12 this Act: *Provided further*, That of the amount provided  
13 under this heading in this Act, \$500,000,000 shall be for  
14 grants for Energy Efficiency Improvements and Renew-  
15 able Energy Improvements at Public School Facilities, as  
16 authorized under section 30541 of division C of this Act:  
17 *Provided further*, That of the funds in the preceding pro-  
18 viso, \$100,000,000, to remain available until expended,  
19 shall be made available for fiscal year 2022,  
20 \$100,000,000, to remain available until expended, shall be  
21 made available for fiscal year 2023, \$100,000,000, to re-  
22 main available until expended, shall be made available for  
23 fiscal year 2024, \$100,000,000, to remain available until  
24 expended, shall be made available for fiscal year 2025, and  
25 \$100,000,000, to remain available until expended, shall be

2344

1 made available for fiscal year 2026: *Provided further*, That  
2 of the amount provided under this heading in this Act,  
3 \$50,000,000 shall be for grants for the Energy Efficiency  
4 Materials Pilot Program, as authorized under section  
5 30542 of division C of this Act: *Provided further*, That  
6 of the amount provided under this heading in this Act and  
7 in addition to amounts otherwise made available for this  
8 purpose, \$3,500,000,000 shall be for carrying out activi-  
9 ties for the Weatherization Assistance Program, as au-  
10 thorized under part A of title IV of the Energy Conserva-  
11 tion and Production Act (42 U.S.C. 6861 et seq.): *Pro-*  
12 *vided further*, That of the amount provided under this  
13 heading in this Act and in addition to amounts otherwise  
14 made available for this purpose, \$550,000,000 shall be for  
15 carrying out activities for the Energy Efficiency and Con-  
16 servation Block Grant Program, as authorized under sec-  
17 tion 542(a) of the Energy Independence and Security Act  
18 of 2007 (42 U.S.C. 17152(a)): *Provided further*, That of  
19 the amount provided under this heading in this Act,  
20 \$250,000,000 shall be for grants for the Assisting Federal  
21 Facilities with Energy Conservation Technologies Grant  
22 Program, as authorized under section 546(b) of the Na-  
23 tional Energy Conservation Policy Act (42 U.S.C.  
24 8256(b)): *Provided further*, That of the amount provided  
25 under this heading in this Act, \$10,000,000 shall be for



2345

1 extended product system rebates, as authorized under sec-  
2 tion 1005 of the Energy Act of 2020 (42 U.S.C. 6311  
3 note; Public Law 116–260): *Provided further*, That of the  
4 amount provided under this heading in this Act,  
5 \$10,000,000 shall be for energy efficient transformer re-  
6 bates, as authorized under section 1006 of the Energy Act  
7 of 2020 (42 U.S.C. 6317 note; Public Law 116–260): *Pro-*  
8 *vided further*, That of the amount provided under this  
9 heading in this Act, \$3,000,000,000, to remain available  
10 until expended, shall be for Battery Material Processing  
11 Grants, as authorized under section 30207(b) of division  
12 C of this Act: *Provided further*, That of the funds in the  
13 preceding proviso, \$600,000,000, to remain available until  
14 expended, shall be made available for fiscal year 2022,  
15 \$600,000,000, to remain available until expended, shall be  
16 made available for fiscal year 2023, \$600,000,000, to re-  
17 main available until expended, shall be made available for  
18 fiscal year 2024, \$600,000,000, to remain available until  
19 expended, shall be made available for fiscal year 2025, and  
20 \$600,000,000, to remain available until expended, shall be  
21 made available for fiscal year 2026: *Provided further*, That  
22 of the amount provided under this heading in this Act,  
23 \$3,000,000,000 shall be for Battery Manufacturing and  
24 Recycling Grants, as authorized under section 30207(c)  
25 of division C of this Act: *Provided further*, That of the

2346

1 funds in the preceding proviso, \$600,000,000, to remain  
2 available until expended, shall be made available for fiscal  
3 year 2022, \$600,000,000, to remain available until ex-  
4 pended, shall be made available for fiscal year 2023,  
5 \$600,000,000, to remain available until expended, shall be  
6 made available for fiscal year 2024, \$600,000,000, to re-  
7 main available until expended, shall be made available for  
8 fiscal year 2025, and \$600,000,000, to remain available  
9 until expended, shall be made available for fiscal year  
10 2026: *Provided further*, That of the amount provided  
11 under this heading in this Act, \$125,000,000 shall be to  
12 carry out activities, as authorized under section 30207(f)  
13 of division C of this Act: *Provided further*, That of the  
14 amount provided under this heading in this Act,  
15 \$10,000,000 shall be for a Lithium-Ion Battery Recycling  
16 Prize Competition, as authorized under section 30207(e)  
17 of division C of this Act: *Provided further*, That of the  
18 amount provided under this heading in this Act,  
19 \$200,000,000 shall be for grants for the Electric Drive  
20 Vehicle Battery Recycling and Second-Life Applications  
21 Program, as authorized under subsection (k) of section  
22 641 of the Energy Independence and Security Act of 2007  
23 (42 U.S.C. 17231), as amended by section 30208(1) of  
24 division C of this Act: *Provided further*, That of the funds  
25 in the preceding proviso, \$40,000,000, to remain available

2347

1 until expended, shall be made available for fiscal year  
2 2022, \$40,000,000, to remain available until expended,  
3 shall be made available for fiscal year 2023, \$40,000,000,  
4 to remain available until expended, shall be made available  
5 for fiscal year 2024, \$40,000,000, to remain available  
6 until expended, shall be made available for fiscal year  
7 2025, and \$40,000,000, to remain available until ex-  
8 pended, shall be made available for fiscal year 2026: *Pro-*  
9 *vided further*, That of the amount provided under this  
10 heading in this Act, \$750,000,000 shall be for grants for  
11 the Advanced Energy Manufacturing and Recycling Grant  
12 Program, as authorized under section 30209 of division  
13 C of this Act: *Provided further*, That of the funds in the  
14 preceding proviso, \$150,000,000, to remain available until  
15 expended, shall be made available for fiscal year 2022,  
16 \$150,000,000, to remain available until expended, shall be  
17 made available for fiscal year 2023, \$150,000,000, to re-  
18 main available until expended, shall be made available for  
19 fiscal year 2024, \$150,000,000, to remain available until  
20 expended, shall be made available for fiscal year 2025, and  
21 \$150,000,000, to remain available until expended, shall be  
22 made available for fiscal year 2026: *Provided further*, That  
23 of the amount provided under this heading in this Act,  
24 \$500,000,000 shall be for activities for the Clean Hydro-  
25 gen Manufacturing Recycling Research, Development, and

2348

1 Demonstration Program, as authorized under section 815  
2 of the Energy Policy Act of 2005 (42 U.S.C. 16151 et  
3 seq.), as amended by section 30314 of division C of this  
4 Act: *Provided further*, That of the funds in the preceding  
5 proviso, \$100,000,000, to remain available until expended,  
6 shall be made available for fiscal year 2022,  
7 \$100,000,000, to remain available until expended, shall be  
8 made available for fiscal year 2023, \$100,000,000, to re-  
9 main available until expended, shall be made available for  
10 fiscal year 2024, \$100,000,000, to remain available until  
11 expended, shall be made available for fiscal year 2025, and  
12 \$100,000,000, to remain available until expended, shall be  
13 made available for fiscal year 2026: *Provided further*, That  
14 of the amount provided under the heading in this Act,  
15 \$1,000,000,000 shall be for activities for the Clean Hydro-  
16 gen Electrolysis Program, as authorized under section 816  
17 of the Energy Policy Act of 2005 (42 U.S.C. 16151 et  
18 seq.), as amended by section 30314 of division C of this  
19 Act: *Provided further*, That of the funds in the preceding  
20 proviso, \$200,000,000, to remain available until expended,  
21 shall be made available for fiscal year 2022,  
22 \$200,000,000, to remain available until expended, shall be  
23 made available for fiscal year 2023, \$200,000,000, to re-  
24 main available until expended, shall be made available for  
25 fiscal year 2024, \$200,000,000, to remain available until

2349

1 expended, shall be made available for fiscal year 2025, and  
2 \$200,000,000, to remain available until expended, shall be  
3 made available for fiscal year 2026: *Provided further*, That  
4 of the amount provided under this heading in this Act,  
5 \$500,000,000 shall be for carrying out activities for the  
6 State Energy Program, as authorized under part D of title  
7 III of the Energy Policy and Conservation Act (42 U.S.C.  
8 6321 et seq.), as amended by section 30110 of division  
9 C of this Act: *Provided further*, That of the amount pro-  
10 vided under this heading in this Act, \$500,000 shall be  
11 to carry out subsection (f) of section 48C of the Internal  
12 Revenue Code of 1986, as amended by section 75501(b)  
13 of division G of this Act, for technical assistance for the  
14 State Energy Program, as authorized under part D of title  
15 III of the Energy Policy and Conservation Act (42 U.S.C.  
16 6321 et seq.): *Provided further*, That of the amount pro-  
17 vided under this heading in this Act, \$125,000,000 shall  
18 be for carrying out activities under section 242 of the En-  
19 ergy Policy Act of 2005 (42 U.S.C. 15881), as amended  
20 by section 30331 of division C of this Act: *Provided fur-*  
21 *ther*, That of the amount provided under this heading in  
22 this Act, \$75,000,000 shall be for carrying out activities  
23 under section 243 of the Energy Policy Act of 2005 (42  
24 U.S.C. 15882), as amended by section 30332 of division  
25 C of this Act: *Provided further*, That of the amount pro-

2350

1 vided under this heading in this Act, \$553,600,000 shall  
2 be for activities for Hydroelectric Incentives, as authorized  
3 under section 247 of the Energy Policy Act of 2005 (Pub-  
4 lic Law 109–58; 119 Stat. 674), as amended by section  
5 30333(a) of division C of this Act: *Provided further*, That  
6 of the funds in the preceding proviso, \$276,800,000, to  
7 remain available until expended, shall be made available  
8 for fiscal year 2022, \$276,800,000, to remain available  
9 until expended, shall be made available for fiscal year  
10 2023: *Provided further*, That of the amount provided  
11 under the heading in this Act, \$10,000,000 shall be for  
12 activities for the Pumped Storage Hydropower Wind and  
13 Solar Integration and System Reliability Initiative, as au-  
14 thorized under section 3201 of the Energy Policy Act of  
15 2020 (42 U.S.C. 17232), as amended by section 30334  
16 of division C of this Act: *Provided further*, That of the  
17 amount provided under this heading in this Act,  
18 \$36,000,000 shall be for carrying out activities, as author-  
19 ized under section 634 of the Energy Independence and  
20 Security Act of 2007 (42 U.S.C. 17213): *Provided further*,  
21 That of the amount provided under this heading in this  
22 Act, \$70,400,000 shall be for carrying out activities, as  
23 authorized under section 635 of the Energy Independence  
24 and Security Act of 2007 (42 U.S.C. 17213, 17214): *Pro-*  
25 *vided further*, That of the amount provided under this

2351

1 heading in this Act, \$40,000,000 shall be for carrying out  
2 activities for the National Marine Energy Centers, as au-  
3 thorized under section 636 of the Energy Independence  
4 and Security Act of 2007 (42 U.S.C. 17215): *Provided*  
5 *further*, That of the amount provided under this heading  
6 in this Act, \$84,000,000 shall be for carrying out activities  
7 under section 615(d) of the Energy Independence and Se-  
8 curity Act of 2007 (42 U.S.C. 17194(d)): *Provided fur-*  
9 *ther*, That of the amount provided under this heading in  
10 this Act, \$60,000,000 shall be for carrying out activities  
11 for the Wind Energy Technology Program, as authorized  
12 under section 3003(b)(2) of the Energy Act of 2020 (42  
13 U.S.C. 16237(b)(2)): *Provided further*, That of the  
14 amount provided under this heading in this Act,  
15 \$40,000,000 shall be for carrying out activities for the  
16 Wind Energy Technology Recycling Research, Develop-  
17 ment, and Demonstration Program, as authorized under  
18 section 3003(b)(4) of the Energy Act of 2020 (42 U.S.C.  
19 16237(b)(4)): *Provided further*, That of the amount pro-  
20 vided under this heading in this Act, \$40,000,000 shall  
21 be for carrying out activities under section 3004(b)(2) of  
22 the Energy Act of 2020 (42 U.S.C. 16238(b)(2)): *Pro-*  
23 *vided further*, That of the amount provided under this  
24 heading in this Act, \$20,000,000 shall be for carrying out  
25 activities under section 3004(b)(3) of the Energy Act of

2352

1 2020 (42 U.S.C. 16238(b)(3)): *Provided further*, That of  
2 the amount provided under this heading in this Act,  
3 \$20,000,000 shall be for carrying out activities under sec-  
4 tion 3004(b)(4) of the Energy Act of 2020 (42 U.S.C.  
5 16238(b)(4)): *Provided further*, That not later than 90  
6 days after the date of enactment of this Act, the Secretary  
7 of Energy shall submit to the House and Senate Commit-  
8 tees on Appropriations and the Senate Committee on En-  
9 ergy and Natural Resources and the House Committee on  
10 Energy and Commerce a detailed spend plan for fiscal  
11 year 2022: *Provided further*, That for each fiscal year  
12 through 2026, as part of the annual budget submission  
13 of the President under section 1105(a) of title 31, United  
14 States Code, the Secretary of Energy shall submit a de-  
15 tailed spend plan for that fiscal year: *Provided further*,  
16 That up to four percent of the amounts made available  
17 under this heading in this Act in each of fiscal years 2022  
18 through 2026 shall be for program direction: *Provided fur-*  
19 *ther*, That such amount is designated by the Congress as  
20 being for an emergency requirement pursuant to section  
21 4112(a) of H. Con. Res. 71 (115th Congress), the concur-  
22 rent resolution on the budget for fiscal year 2018, and  
23 to section 251(b) of the Balanced Budget and Emergency  
24 Deficit Control Act of 1985.



## 2353

1 CYBERSECURITY, ENERGY SECURITY, AND EMERGENCY  
2 RESPONSE

3 For an additional amount for “Cybersecurity, Energy  
4 Security, and Emergency Response”, \$550,000,000, to re-  
5 main available until expended: *Provided*, That of the  
6 amount provided under this heading in this Act,  
7 \$250,000,000 shall be to carry out activities under the Cy-  
8 bersecurity for the Energy Sector Research, Development,  
9 and Demonstration Program, as authorized in section  
10 30125(b) of division C of this Act: *Provided further*, That  
11 of the funds in the preceding proviso, \$50,000,000, to re-  
12 main available until expended, shall be made available for  
13 fiscal year 2022, \$50,000,000, to remain available until  
14 expended, shall be made available for fiscal year 2023,  
15 \$50,000,000, to remain available until expended, shall be  
16 made available for fiscal year 2024, \$50,000,000, to re-  
17 main available until expended, shall be made available for  
18 fiscal year 2025, and \$50,000,000, to remain available  
19 until expended, shall be made available for fiscal year  
20 2026: *Provided further*, That of the amount provided  
21 under this heading in this Act, \$50,000,000 shall be to  
22 carry out activities under the Energy Sector Operational  
23 Support for Cyberresilience Program, as authorized in sec-  
24 tion 30125(c) of division C of this Act: *Provided further*,  
25 That of the amount provided under this heading in this

2354

1 Act, \$250,000,000, to carry out activities under the Rural  
2 and Municipal Utility Advanced Cybersecurity Grant and  
3 Technical Assistance Program, as authorized in section  
4 30124 of division C of this Act: *Provided further*, That  
5 \$50,000,000, to remain available until expended, shall be  
6 made available for fiscal year 2022, \$50,000,000, to re-  
7 main available until expended, shall be made available for  
8 fiscal year 2023, \$50,000,000, to remain available until  
9 expended, shall be made available for fiscal year 2024,  
10 \$50,000,000, to remain available until expended, shall be  
11 made available for fiscal year 2025, and \$50,000,000, to  
12 remain available until expended, shall be made available  
13 for fiscal year 2026: *Provided further*, That not later than  
14 90 days after the date of enactment of this Act, the Sec-  
15 retary of Energy shall submit to the House and Senate  
16 Committees on Appropriations and the Senate Committee  
17 on Energy and Natural Resources and the House Com-  
18 mittee on Energy and Commerce a detailed spend plan  
19 for fiscal year 2022: *Provided further*, That for each fiscal  
20 year through 2026, as part of the annual budget submis-  
21 sion of the President under section 1105(a) of title 31,  
22 United States Code, the Secretary of Energy shall submit  
23 a detailed spend plan for that fiscal year: *Provided further*,  
24 That up to four percent of the amounts made available  
25 under this heading in this Act in each of fiscal years 2022

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1 through 2026 shall be for program direction: *Provided fur-*  
2 *ther*, That such amount is designated by the Congress as  
3 being for an emergency requirement pursuant to section  
4 4112(a) of H. Con. Res. 71 (115th Congress), the concur-  
5 rent resolution on the budget for fiscal year 2018, and  
6 to section 251(b) of the Balanced Budget and Emergency  
7 Deficit Control Act of 1985.

## 8 ELECTRICITY

9 For an additional amount for “Electricity”,  
10 \$8,100,000,000, to remain available until expended: *Pro-*  
11 *vided*, That of the amount provided under this heading  
12 in this Act, \$5,000,000,000 shall be for grants under sec-  
13 tion 30101 of division C of this Act: *Provided further*,  
14 That of the funds in the preceding proviso,  
15 \$1,000,000,000, to remain available until expended, shall  
16 be made available for fiscal year 2022, \$1,000,000,000,  
17 to remain available until expended, shall be made available  
18 for fiscal year 2023, \$1,000,000,000, to remain available  
19 until expended, shall be made available for fiscal year  
20 2024, \$1,000,000,000, to remain available until expended,  
21 shall be made available for fiscal year 2025, and  
22 \$1,000,000,000, to remain available until expended, shall  
23 be made available for fiscal year 2026: *Provided further*,  
24 That of the amount provided under this heading in this  
25 Act, \$50,000,000 shall be to carry out the Transmission

2356

1 Facilitation Program, including for any administrative ex-  
2 penses of carrying out the program, as authorized in sec-  
3 tion 30107(d)(3) of division C of this Act: *Provided fur-*  
4 *ther*, That of the funds in the preceding proviso,  
5 \$10,000,000, to remain available until expended, shall be  
6 made available for fiscal year 2022, \$10,000,000, to re-  
7 main available until expended, shall be made available for  
8 fiscal year 2023, \$10,000,000, to remain available until  
9 expended, shall be made available for fiscal year 2024,  
10 \$10,000,000, to remain available until expended, shall be  
11 made available for fiscal year 2025, and \$10,000,000, to  
12 remain available until expended, shall be made available  
13 for fiscal year 2026: *Provided further*, That of the amount  
14 provided under this heading in this Act and in addition  
15 to amounts otherwise made available for this purpose,  
16 \$3,000,000,000, to remain available until expended, shall  
17 be to carry out activities under the Smart Grid Investment  
18 Matching Grant Program, as authorized in section 1306  
19 of the Energy Independence and Security Act of 2007 (42  
20 U.S.C. 17386), as amended by section 30108 of division  
21 C of this Act: *Provided further*, That of the funds in the  
22 preceding proviso, \$600,000,000, to remain available until  
23 expended, shall be made available for fiscal year 2022,  
24 \$600,000,000, to remain available until expended, shall be  
25 made available for fiscal year 2023, \$600,000,000, to re-

2357

1 main available until expended, shall be made available for  
2 fiscal year 2024, \$600,000,000, to remain available until  
3 expended, shall be made available for fiscal year 2025, and  
4 \$600,000,000, to remain available until expended, shall be  
5 made available for fiscal year 2026: *Provided further*, That  
6 of the amount provided under this heading in this Act,  
7 \$50,000,000 shall be to carry out an advanced energy se-  
8 curity program to secure energy networks, as authorized  
9 under section 30125(d) of division C of this Act: *Provided*  
10 *further*, That not later than 90 days after the date of en-  
11 actment of this Act, the Secretary of Energy shall submit  
12 to the House and Senate Committees on Appropriations  
13 and the Senate Committee on Energy and Natural Re-  
14 sources and the House Committee on Energy and Com-  
15 merce a detailed spend plan for fiscal year 2022: *Provided*  
16 *further*, That for each fiscal year through 2026, as part  
17 of the annual budget submission of the President under  
18 section 1105(a) of title 31, United States Code, the Sec-  
19 retary of Energy shall submit a detailed spend plan for  
20 that fiscal year: *Provided further*, That up to four percent  
21 of the amounts made available under this heading in this  
22 Act in each of fiscal years 2022 through 2026 shall be  
23 for program direction: *Provided further*, That such amount  
24 is designated by the Congress as being for an emergency  
25 requirement pursuant to section 4112(a) of H. Con. Res.

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1 71 (115th Congress), the concurrent resolution on the  
2 budget for fiscal year 2018, and to section 251(b) of the  
3 Balanced Budget and Emergency Deficit Control Act of  
4 1985.

5 NUCLEAR ENERGY

6 For an additional amount for “Nuclear Energy”,  
7 6,000,000,000, to remain available until expended, to  
8 carry out activities under the Civil Nuclear Credit Pro-  
9 gram, as authorized in section 30323 of division C of this  
10 Act: *Provided*, That \$1,200,000,000, to remain available  
11 until expended, shall be made available for fiscal year  
12 2022, \$1,200,000,000, to remain available until expended,  
13 shall be made available for fiscal year 2023,  
14 \$1,200,000,000, to remain available until expended, shall  
15 be made available for fiscal year 2024, \$1,200,000,000,  
16 to remain available until expended, shall be made available  
17 for fiscal year 2025, and \$1,200,000,000, to remain avail-  
18 able until expended, shall be made available for fiscal year  
19 2026: *Provided further*, That not later than 90 days after  
20 the date of enactment of this Act, the Secretary of Energy  
21 shall submit to the House and Senate Committees on Ap-  
22 propriations a detailed spend plan for fiscal year 2022:  
23 *Provided further*, That for each fiscal year through 2026,  
24 as part of the annual budget submission of the President  
25 under section 1105(a) of title 31, United States Code, the

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1 Secretary of Energy shall submit a detailed spend plan  
2 for that fiscal year: *Provided further*, That up to  
3 \$40,000,000 of the amount provided under this heading  
4 in this Act shall be made available in each of fiscal years  
5 2022 through 2026 for program direction: *Provided fur-*  
6 *ther*, That such amount is designated by the Congress as  
7 being for an emergency requirement pursuant to section  
8 4112(a) of H. Con. Res. 71 (115th Congress), the concur-  
9 rent resolution on the budget for fiscal year 2018, and  
10 to section 251(b) of the Balanced Budget and Emergency  
11 Deficit Control Act of 1985.

12           FOSSIL ENERGY AND CARBON MANAGEMENT

13           For an additional amount for “Fossil Energy and  
14 Carbon Management”, 7,497,140,781, to remain available  
15 until expended: *Provided*, That of the amount provided  
16 under this heading in this Act, \$310,140,781 shall be to  
17 carry out activities under the Carbon Utilization Program,  
18 as authorized in section 969A of the Energy Policy Act  
19 of 2005 (42 U.S.C. 16298a), as amended by section  
20 30302 of division C of this Act: *Provided further*, That  
21 of the funds in the preceding proviso, \$41,000,000, to re-  
22 main available until expended, shall be made available for  
23 fiscal year 2022, \$65,250,000, to remain available until  
24 expended, shall be made available for fiscal year 2023,  
25 \$66,562,500, to remain available until expended, shall be

2360

1 made available for fiscal year 2024, \$67,940,625, to re-  
2 main available until expended, shall be made available for  
3 fiscal year 2025, and \$69,387,656, to remain available  
4 until expended, shall be made available for fiscal year  
5 2026: *Provided further*, That of the amount provided  
6 under this heading in this Act, \$100,000,000 shall be used  
7 to carry out the front-end engineering and design program  
8 out activities under the Carbon Capture Technology Pro-  
9 gram, as authorized in section 962 of the Energy Policy  
10 Act of 2005 (42 U.S.C. 16292), as amended by section  
11 30303 of division C of this Act: *Provided further*, That  
12 of the funds in the preceding proviso, \$20,000,000, to re-  
13 main available until expended, shall be made available for  
14 fiscal year 2022, \$20,000,000, to remain available until  
15 expended, shall be made available for fiscal year 2023,  
16 \$20,000,000, to remain available until expended, shall be  
17 made available for fiscal year 2024, \$20,000,000, to re-  
18 main available until expended, shall be made available for  
19 fiscal year 2025, and \$20,000,000, to remain available  
20 until expended, shall be made available for fiscal year  
21 2026: *Provided further*, That of the amount provided  
22 under this heading in this Act, \$2,500,000,000 shall be  
23 to carry out activities for the Carbon Storage Validation  
24 and Testing, as authorized section 963 of the Energy Pol-  
25 icy Act of 2005 (42 U.S.C. 16293), as amended by section



2361

1 30305 of division C of this Act: *Provided further*, That  
2 of the funds in the preceding proviso, \$500,000,000, to  
3 remain available until expended, shall be made available  
4 for fiscal year 2022, \$500,000,000, to remain available  
5 until expended, shall be made available for fiscal year  
6 2023, \$500,000,000, to remain available until expended,  
7 shall be made available for fiscal year 2024,  
8 \$500,000,000, to remain available until expended, shall be  
9 made available for fiscal year 2025, and \$500,000,000,  
10 to remain available until expended, shall be made available  
11 for fiscal year 2026: *Provided further*, That of the amount  
12 provided under this heading in this Act, \$3,500,000,000  
13 shall be to carry out a program to develop four regional  
14 clean direct air capture hubs, as authorized under section  
15 969D of the Energy Policy Act of 2005 (42 U.S.C.  
16 16298d), as amended by section 30308 of division C of  
17 this Act: *Provided further*, That of the funds in the pre-  
18 ceding proviso, \$700,000,000, to remain available until ex-  
19 pended, shall be made available for fiscal year 2022,  
20 \$700,000,000, to remain available until expended, shall be  
21 made available for fiscal year 2023, \$700,000,000, to re-  
22 main available until expended, shall be made available for  
23 fiscal year 2024, \$700,000,000, to remain available until  
24 expended, shall be made available for fiscal year 2025, and  
25 \$700,000,000, to remain available until expended, shall be

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1 made available for fiscal year 2026: *Provided further*, That  
2 of the amount provided under this heading in this Act and  
3 in addition to amounts otherwise made available for this  
4 purpose, \$15,000,000 shall be for precommercial direct air  
5 capture technology prize competitions, as authorized  
6 under section 969D(e)(2)(A) of the Energy Policy Act of  
7 2005 (42 U.S.C. 16298d(e)(2)(A)): *Provided further*, That  
8 of the amount provided under this heading in this Act and  
9 in addition to amounts otherwise made available for this  
10 purpose, \$100,000,000 shall be for commercial direct air  
11 capture technology prize competitions, as authorized  
12 under section 969D(e)(2)(B) of the Energy Policy Act of  
13 2005 (42 U.S.C. 16298d(e)(2)(B)): *Provided further*, That  
14 for amounts identified in the preceding proviso, the Sec-  
15 retary shall enter pre-construction commitments with se-  
16 lected projects for future awards for qualified carbon diox-  
17 ide capture: *Provided further*, That of the amount provided  
18 under this heading in this Act, \$140,000,000 shall be for  
19 a Rare Earth Elements Demonstration Facility, as au-  
20 thorized under section 7001 of the Energy Act of 2020  
21 (42 U.S.C. 13344), as amended by section 30205 of divi-  
22 sion C of this Act: *Provided further*, That of the amount  
23 provided under this heading in this Act and in addition  
24 to amounts otherwise made available for this purpose,  
25 \$127,000,000 shall be to carry out rare earth mineral se-

2363

1 curity activities, as authorized under section 7001(a) of  
2 the Energy Act of 2020 (42 U.S.C. 13344(a)): *Provided*  
3 *further*, That of the funds in the preceding proviso,  
4 \$23,000,000, to remain available until expended, shall be  
5 made available for fiscal year 2022, \$24,200,000, to re-  
6 main available until expended, shall be made available for  
7 fiscal year 2023, \$25,400,000, to remain available until  
8 expended, shall be made available for fiscal year 2024,  
9 \$26,600,000, to remain available until expended, shall be  
10 made available for fiscal year 2025, and \$27,800,000, to  
11 remain available until expended, shall be made available  
12 for fiscal year 2026: *Provided further*, That of the amount  
13 provided under this heading in this Act and in addition  
14 to amounts otherwise made available for this purpose,  
15 \$600,000,000 shall be to carry out critical material inno-  
16 vation, efficiency, and alternatives activities under section  
17 7002(g) of the Energy Act of 2020 (30 U.S.C. 1606(g)):  
18 *Provided further*, That of the funds in the preceding pro-  
19 viso, \$230,000,000, to remain available until expended,  
20 shall be made available for fiscal year 2022,  
21 \$100,000,000, to remain available until expended, shall be  
22 made available for fiscal year 2023, \$135,000,000, to re-  
23 main available until expended, shall be made available for  
24 fiscal year 2024, \$135,000,000, to remain available until  
25 expended, shall be made available for fiscal year 2025:

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1 *Provided further*, That of the amount provided under this  
2 heading in this Act and in addition to amounts otherwise  
3 made available for this purpose, \$75,000,000 shall be for  
4 the Critical Material Supply Chain Research Facility, as  
5 authorized under section 7002(h) of the Energy Act of  
6 2020 (30 U.S.C. 1606(h)): *Provided further*, That of the  
7 funds in the preceding proviso, \$40,000,000, to remain  
8 available until expended, shall be made available for fiscal  
9 year 2022, and \$35,000,000, to remain available until ex-  
10 pended, shall be made available for fiscal year 2023: *Pro-*  
11 *vided further*, That of the amount provided under this  
12 heading in this Act, \$30,000,000 shall be to carry out ac-  
13 tivities authorized in section 349(b)(2) of the Energy Pol-  
14 icy Act of 2005 (42 U.S.C.15907(b)(2)), as amended by  
15 section 30601 of division C of this Act: *Provided further*,  
16 That not later than 90 days after the date of enactment  
17 of this Act, the Secretary of Energy shall submit to the  
18 House and Senate Committees on Appropriations a de-  
19 tailed spend plan for fiscal year 2022: *Provided further*,  
20 That for each fiscal year through 2026, as part of the  
21 annual budget submission of the President under section  
22 1105(a) of title 31, United States Code, the Secretary of  
23 Energy shall submit a detailed spend plan for that fiscal  
24 year: *Provided further*, That up to three and one-quarter  
25 percent of the amounts made available under this heading

2365

1 in this Act in each of fiscal years 2022 through 2026 shall  
2 be for program direction: *Provided further*, That such  
3 amount is designated by the Congress as being for an  
4 emergency requirement pursuant to section 4112(a) of H.  
5 Con. Res. 71 (115th Congress), the concurrent resolution  
6 on the budget for fiscal year 2018, and to section 251(b)  
7 of the Balanced Budget and Emergency Deficit Control  
8 Act of 1985.

9 CARBON DIOXIDE TRANSPORTATION INFRASTRUCTURE

10 FINANCE AND INNOVATION PROGRAM ACCOUNT

11 For an additional amount for “Carbon Dioxide  
12 Transportation Infrastructure Finance and Innovation  
13 Program Account”, \$2,100,000,000, to remain available  
14 until expended, to carry out activities for the Carbon Diox-  
15 ide Transportation Infrastructure Finance and Innovation  
16 Program, as authorized by subtitle J of title IX of the  
17 Energy Policy Act of 2005 (42 U.S.C. 16181 et seq.), as  
18 amended by section 30304(a) of division C of this Act:  
19 *Provided*, That such costs, including the cost of modifying  
20 such loans, shall be as defined in section 502 of the Con-  
21 gressional Budget Act of 1974: *Provided further*, That  
22 \$3,000,000, to remain available until expended, shall be  
23 made available for fiscal year 2022 and \$2,097,000,000,  
24 to remain available until expended, shall be made available  
25 for fiscal year 2023: *Provided further*, That the amount

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1 made available under this heading in this Act for fiscal  
2 year 2022 shall be for administrative expenses to carry  
3 out the loan program: *Provided further*, That the Office  
4 of Fossil Energy and Carbon Management shall oversee  
5 the Carbon Dioxide Transportation Infrastructure Fi-  
6 nance and Innovation program, in consultation and coordi-  
7 nation with the Department of Energy's Loan Program  
8 Office: *Provided further*, That not later than 270 days  
9 after the date of enactment of this Act, the Secretary of  
10 Energy shall submit to the House and Senate Committees  
11 on Appropriations an analysis of how subsidy rates will  
12 be determined for loans financed by appropriations pro-  
13 vided under this heading in this Act and an analysis of  
14 the process for developing draft regulations for the pro-  
15 gram, including a crosswalk from the statutory require-  
16 ments for such program, and a timetable for publishing  
17 such regulations: *Provided further*, That for each fiscal  
18 year through 2027, the annual budget submission of the  
19 President under section 1105(a) of title 31, United States  
20 Code, shall include a detailed request for the amount rec-  
21 ommended for allocation for the Carbon Dioxide Trans-  
22 portation Finance and Innovation program from amounts  
23 provided under this heading in this Act and such detailed  
24 request shall include any information required pursuant  
25 to the Federal Credit Reform Act of 1990, such as credit

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1 subsidy rates, a loan limitation, and necessary administra-  
2 tive expenses to carry out the loan program: *Provided fur-*  
3 *ther*, That such amount is designated by the Congress as  
4 being for an emergency requirement pursuant to section  
5 4112(a) of H. Con. Res. 71 (115th Congress), the concur-  
6 rent resolution on the budget for fiscal year 2018, and  
7 to section 251(b) of the Balanced Budget and Emergency  
8 Deficit Control Act of 1985.

9 OFFICE OF CLEAN ENERGY DEMONSTRATIONS

10 For an additional amount for “Office of Clean En-  
11 ergy Demonstrations”, \$21,456,000,000, to remain avail-  
12 able until expended: *Provided*, That the Office of Clean  
13 Energy Demonstrations, as authorized by section 31201  
14 of division C of this Act, shall conduct administrative and  
15 project management responsibilities for the demonstration  
16 projects provided for under this heading in this Act: *Pro-*  
17 *vided further*, That the Office of Clean Energy Demonstra-  
18 tions shall consult and coordinate with technology-specific  
19 program offices to ensure alignment of technology goals  
20 and avoid unnecessary duplication: *Provided further*, That  
21 of the amount provided under this heading in this Act and  
22 in addition to amounts otherwise made available for this  
23 purpose, \$355,000,000 shall be to carry out the Energy  
24 Storage Demonstration Pilot Grant Program, as author-  
25 ized under section 3201(c) of the Energy Act of 2020 (42

2368

1 U.S.C. 17232(c): *Provided further*, That of the funds in  
2 the preceding proviso, \$88,750,000, to remain available  
3 until expended, shall be made available for fiscal year  
4 2022, \$88,750,000, to remain available until expended,  
5 shall be made available for fiscal year 2023, \$88,750,000,  
6 to remain available until expended, shall be made available  
7 for fiscal year 2024, \$88,750,000, to remain available  
8 until expended, shall be made available for fiscal year  
9 2025: *Provided further*, That of the amount provided  
10 under this heading in this Act and in addition to amounts  
11 otherwise made available for this purpose, \$150,000,000  
12 to carry out the Long-duration Demonstration Initiative  
13 and Joint Program, as authorized under section 3201(d)  
14 of the Energy Act of 2020 (42 U.S.C. 17232(d)): *Provided*  
15 *further*, That of the funds in the preceding proviso,  
16 \$37,500,000, to remain available until expended, shall be  
17 made available for fiscal year 2022, \$37,500,000, to re-  
18 main available until expended, shall be made available for  
19 fiscal year 2023, \$37,500,000, to remain available until  
20 expended, shall be made available for fiscal year 2024,  
21 \$37,500,000, to remain available until expended, shall be  
22 made available for fiscal year 2025: *Provided further*, That  
23 of the amount provided under this heading in this Act and  
24 in addition to amounts otherwise made available for this  
25 purpose, \$2,477,000,000 shall be to carry out the Ad-



2369

1 vanced Reactor Demonstration Program, as authorized  
2 under section 959A of the Energy Policy Act of 2005 (42  
3 U.S.C. 16279a): *Provided further*, That of the funds in  
4 the preceding proviso, \$677,000,000, to remain available  
5 until expended, shall be made available for fiscal year  
6 2022, \$600,000,000, to remain available until expended,  
7 shall be made available for fiscal year 2023,  
8 \$600,000,000, to remain available until expended, shall be  
9 made available for fiscal year 2024, \$600,000,000, to re-  
10 main available until expended, shall be made available for  
11 fiscal year 2025: *Provided further*, That funds in the pre-  
12 ceding proviso shall be for projects selected prior to the  
13 date of enactment of this Act: *Provided further*, That of  
14 the amount provided under this heading in this Act and  
15 in addition to amounts otherwise made available for this  
16 purpose, \$937,000,000 shall be to carry out the Carbon  
17 Capture Large-scale Pilot Projects, as authorized under  
18 section 962(b)(2)(B) of the Energy Policy Act of 2005 (42  
19 U.S.C. 16292(b)(2)(B)): *Provided further*, That of the  
20 funds in the preceding proviso, \$387,000,000, to remain  
21 available until expended, shall be made available for fiscal  
22 year 2022, \$200,000,000, to remain available until ex-  
23 pended, shall be made available for fiscal year 2023,  
24 \$200,000,000, to remain available until expended, shall be  
25 made available for fiscal year 2024, \$150,000,000, to re-

2370

1 main available until expended, shall be made available for  
2 fiscal year 2025: *Provided further*, That of the amount  
3 provided under this heading in this Act and in addition  
4 to amounts otherwise made available for this purpose,  
5 \$2,537,000,000 shall be for the Carbon Capture Dem-  
6 onstration Projects Program, as authorized under section  
7 962(b)(2)(C) of the Energy Policy Act of 2005 (42 U.S.C.  
8 16292(b)(2)(C)): *Provided further*, That of the funds in  
9 the preceding proviso, \$937,000,000, to remain available  
10 until expended, shall be made available for fiscal year  
11 2022, \$500,000,000, to remain available until expended,  
12 shall be made available for fiscal year 2023,  
13 \$500,000,000, to remain available until expended, shall be  
14 made available for fiscal year 2024, \$600,000,000, to re-  
15 main available until expended, shall be made available for  
16 fiscal year 2025: *Provided further*, That of the amount  
17 provided under this heading in this Act and in addition  
18 to amounts otherwise made available for this purpose,  
19 \$500,000,000 shall be to carry out Industrial Emission  
20 Demonstration Projects, as authorized under section  
21 454(d)(3) of the Energy Independence and Security Act  
22 of 2007 (42 U.S.C. 17113(d)(3)): *Provided further*, That  
23 of the funds in the preceding proviso, \$100,000,000, to  
24 remain available until expended, shall be made available  
25 for fiscal year 2022, \$100,000,000, to remain available

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1 until expended, shall be made available for fiscal year  
2 2023, \$150,000,000, to remain available until expended,  
3 shall be made available for fiscal year 2024,  
4 \$150,000,000, to remain available until expended, shall be  
5 made available for fiscal year 2025: *Provided further*, That  
6 of the amount provided under this heading in this Act and  
7 in addition to amounts otherwise made available for this  
8 purpose, \$500,000,000 shall be to carry out the Clean En-  
9 ergy Demonstration Program on Current and Former  
10 Mine Land, as authorized under section 30342 of division  
11 C of this Act: *Provided further*, That of the funds in the  
12 preceding proviso, \$100,000,000, to remain available until  
13 expended, shall be made available for fiscal year 2022,  
14 \$100,000,000, to remain available until expended, shall be  
15 made available for fiscal year 2023, \$100,000,000, to re-  
16 main available until expended, shall be made available for  
17 fiscal year 2024, \$100,000,000, to remain available until  
18 expended, shall be made available for fiscal year 2025, and  
19 \$100,000,000, to remain available until expended, shall be  
20 made available for fiscal year 2026: *Provided further*, That  
21 of the amount provided under this heading in this Act,  
22 \$8,000,000,000 shall be made for Regional Clean Hydro-  
23 gen Hubs, as authorized under section 813 of the Energy  
24 Policy Act of 2005 (42 U.S.C. 16151 et seq.), as amended  
25 by section 30314 of division C of this Act: *Provided fur-*

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1 *ther*, That of the funds in the preceding proviso,  
2 \$1,600,000,000, to remain available until expended, shall  
3 be made available for fiscal year 2022, \$1,600,000,000,  
4 to remain available until expended, shall be made available  
5 for fiscal year 2023, \$1,600,000,000, to remain available  
6 until expended, shall be made available for fiscal year  
7 2024, \$1,600,000,000, to remain available until expended,  
8 shall be made available for fiscal year 2025, and  
9 \$1,600,000,000, to remain available until expended, shall  
10 be made available for fiscal year 2026: *Provided further*,  
11 That of the amount provided under this heading in this  
12 Act, \$5,000,000,000 shall be for grants for the Program  
13 Upgrading Our Electric Grid and Ensuring Reliability and  
14 Resiliency, as authorized under section 30103(b) of divi-  
15 sion C of this Act: *Provided further*, That of the funds  
16 in the preceding proviso, \$1,000,000,000, to remain avail-  
17 able until expended, shall be made available for fiscal year  
18 2022, \$1,000,000,000, to remain available until expended,  
19 shall be made available for fiscal year 2023,  
20 \$1,000,000,000, to remain available until expended, shall  
21 be made available for fiscal year 2024, \$1,000,000,000,  
22 to remain available until expended, shall be made available  
23 for fiscal year 2025, and \$1,000,000,000, to remain avail-  
24 able until expended, shall be made available for fiscal year  
25 2026: *Provided further*, That of the amount provided

2373

1 under this heading in this Act, \$1,000,000,000 shall be  
2 to carry out activities for energy improvement in rural and  
3 remote areas, as authorized under section 30103(c) of di-  
4 vision C of this Act: *Provided further*, That of the funds  
5 in the preceding proviso, \$200,000,000, to remain avail-  
6 able until expended, shall be made available for fiscal year  
7 2022, \$200,000,000, to remain available until expended,  
8 shall be made available for fiscal year 2023,  
9 \$200,000,000, to remain available until expended, shall be  
10 made available for fiscal year 2024, \$200,000,000, to re-  
11 main available until expended, shall be made available for  
12 fiscal year 2025, and \$200,000,000, to remain available  
13 until expended, shall be made available for fiscal year  
14 2026: *Provided further*, That not later than 90 days after  
15 the date of enactment of this Act, the Secretary of Energy  
16 shall submit to the House and Senate Committees on Ap-  
17 propriations a detailed spend plan for fiscal year 2022:  
18 *Provided further*, That for each fiscal year through 2026,  
19 as part of the annual budget submission of the President  
20 under section 1105(a) of title 31, United States Code, the  
21 Secretary of Energy shall submit a detailed spend plan  
22 for that fiscal year: *Provided further*, That up to five per-  
23 cent of the amounts made available under this heading  
24 in this Act in each of fiscal years 2022 through 2026 shall  
25 be for program direction: *Provided further*, That such

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1 amount is designated by the Congress as being for an  
2 emergency requirement pursuant to section 4112(a) of H.  
3 Con. Res. 71 (115th Congress), the concurrent resolution  
4 on the budget for fiscal year 2018, and to section 251(b)  
5 of the Balanced Budget and Emergency Deficit Control  
6 Act of 1985.

7           POWER MARKETING ADMINISTRATIONS  
8 CONSTRUCTION, REHABILITATION, OPERATION AND  
9           MAINTENANCE, WESTERN AREA POWER ADMINIS-  
10          TRATION

11                           (INCLUDING TRANSFER OF FUNDS)

12          For an additional amount for “Construction, Reha-  
13 bilitation, Operation and Maintenance, Western Area  
14 Power Administration”, \$500,000,000, to remain avail-  
15 able until expended, for the purchase of power and trans-  
16 mission services: *Provided*, That the amount made avail-  
17 able under this heading in this Act shall be derived from  
18 the general fund of the Treasury and shall be reimbursable  
19 from amounts collected by the Western Area Power Ad-  
20 ministration pursuant to the Flood Control Act of 1944  
21 and the Reclamation Project Act of 1939 to recover pur-  
22 chase power and wheeling expenses: *Provided further*, That  
23 such amounts as the Administrator, Western Area Power  
24 Administration, deems necessary for the same purposes as  
25 outlined above may be transferred to Western Area Power

2375

1 Administration's Colorado River Basins Power Marketing  
2 Fund account: *Provided further*, That such amount is des-  
3 ignated by the Congress as being for an emergency re-  
4 quirement pursuant to section 4112(a) of H. Con. Res.  
5 71 (115th Congress), the concurrent resolution on the  
6 budget for fiscal year 2018, and to section 251(b) of the  
7 Balanced Budget and Emergency Deficit Control Act of  
8 1985.

9           GENERAL PROVISIONS—DEPARTMENT OF  
10   ENERGY

11   (INCLUDING TRANSFER OF FUNDS)

12           SEC. 301. Notwithstanding section 3304 of title 5,  
13 United States Code, and without regard to the provisions  
14 of sections 3309 through 3318 of such title 5, the Sec-  
15 retary of Energy, upon a determination that there is a  
16 severe shortage of candidates or a critical hiring need for  
17 particular positions to carry out the Department of En-  
18 ergy activities funded under this title, may, from within  
19 the funds provided to the Department of Energy under  
20 this title, recruit and directly appoint highly qualified indi-  
21 viduals into the competitive service: *Provided*, That such  
22 authority shall not apply to positions in the Excepted  
23 Service or the Senior Executive Service: *Provided further*,  
24 That any action authorized herein shall be consistent with  
25 the merit principles of section 2301 of such title 5, and

2376

1 the Department shall comply with the public notice re-  
2 quirements of section 3327 of such title 5: *Provided fur-*  
3 *ther*, That the authority under this section shall terminate  
4 on September 30, 2027: *Provided further*, That 180 days  
5 after the date of enactment of this Act, the Secretary of  
6 Energy shall submit to the House and Senate Committees  
7 on Appropriations an estimate of the number of highly  
8 qualified individuals it expects to hire under the authority  
9 provided in this section.

10 SEC. 302. Up to one-quarter of one percent of each  
11 amount appropriated to the Department of Energy in this  
12 title may be transferred to “Departmental Administra-  
13 tion” to be used for additional management and mission  
14 support for funds made available to the Department of  
15 Energy in this title in this Act.

16 SEC. 303. One-tenth of one percent of the amounts  
17 made available to the Department of Energy under each  
18 heading in this title in this Act in each of fiscal years 2022  
19 through 2026 shall be transferred to the Office of the In-  
20 spector General of the Department of Energy to oversee  
21 the funds made available to the Department of Energy  
22 in this title in this Act.



2377

## 1 INDEPENDENT AGENCIES

## 2 APPALACHIAN REGIONAL COMMISSION

3 For an additional amount for “Appalachian Regional  
4 Commission”, \$1,000,000,000, to remain available until  
5 expended, notwithstanding 40 U.S.C. 14704: *Provided*,  
6 That of the funds in the preceding proviso, \$200,000,000,  
7 to remain available until expended, shall be made available  
8 for fiscal year 2022, \$200,000,000, to remain available  
9 until expended, shall be made available for fiscal year  
10 2023, \$200,000,000, to remain available until expended,  
11 shall be made available for fiscal year 2024,  
12 \$200,000,000, to remain available until expended, shall be  
13 made available for fiscal year 2025, and \$200,000,000,  
14 to remain available until expended, shall be made available  
15 for fiscal year 2026: *Provided further*, That such amount  
16 is designated by the Congress as being for an emergency  
17 requirement pursuant to section 4112(a) of H. Con. Res.  
18 71 (115th Congress), the concurrent resolution on the  
19 budget for fiscal year 2018, and to section 251(b) of the  
20 Balanced Budget and Emergency Deficit Control Act of  
21 1985.

## 22 DELTA REGIONAL AUTHORITY

23 For an additional amount for “Delta Regional Au-  
24 thority”, \$150,000,000 to remain available until ex-  
25 pended: *Provided*, That such amount is designated by the

2378

1 Congress as being for an emergency requirement pursuant  
2 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
3 the concurrent resolution on the budget for fiscal year  
4 2018, and to section 251(b) of the Balanced Budget and  
5 Emergency Deficit Control Act of 1985.

6 DENALI COMMISSION

7 For an additional amount for “Denali Commission”,  
8 \$75,000,000 to remain available until expended: *Provided*  
9 *further*, That such amount is designated by the Congress  
10 as being for an emergency requirement pursuant to sec-  
11 tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
12 concurrent resolution on the budget for fiscal year 2018,  
13 and to section 251(b) of the Balanced Budget and Emer-  
14 gency Deficit Control Act of 1985.

15 NORTHERN BORDER REGIONAL COMMISSION

16 For an additional amount for “Northern Border Re-  
17 gional Commission”, \$150,000,000 to remain available  
18 until expended: *Provided*, That such amount is designated  
19 by the Congress as being for an emergency requirement  
20 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
21 Congress), the concurrent resolution on the budget for fis-  
22 cal year 2018, and to section 251(b) of the Balanced  
23 Budget and Emergency Deficit Control Act of 1985.

2379

## 1           SOUTHEAST CRESCENT REGIONAL COMMISSION

2           For an additional amount for “Southeast Crescent  
3 Regional Commission”, \$5,000,000 to remain available  
4 until expended: *Provided*, That such amount is designated  
5 by the Congress as being for an emergency requirement  
6 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
7 Congress), the concurrent resolution on the budget for fis-  
8 cal year 2018, and to section 251(b) of the Balanced  
9 Budget and Emergency Deficit Control Act of 1985.

## 10           SOUTHWEST BORDER REGIONAL COMMISSION

11           For an additional amount for “Southwest Border Re-  
12 gional Commission”, \$1,250,000 to remain available until  
13 expended: *Provided*, That such amount is designated by  
14 the Congress as being for an emergency requirement pur-  
15 suant to section 4112(a) of H. Con. Res. 71 (115th Con-  
16 gress), the concurrent resolution on the budget for fiscal  
17 year 2018, and to section 251(b) of the Balanced Budget  
18 and Emergency Deficit Control Act of 1985.

2380

1 TITLE IV—FINANCIAL SERVICES AND GENERAL  
2 GOVERNMENT  
3 EXECUTIVE OFFICE OF THE PRESIDENT AND  
4 FUNDS APPROPRIATED TO THE PRESIDENT  
5 OFFICE OF THE NATIONAL CYBER DIRECTOR  
6 SALARIES AND EXPENSES

7 For an additional amount for “Office of the National  
8 Cyber Director”, \$21,000,000, to remain available until  
9 September 30, 2022, to carry out the purposes of section  
10 1752 of the National Defense Authorization Act for Fiscal  
11 Year 2021 (Public Law 116–283): *Provided*, That such  
12 amount is designated by the Congress as being for an  
13 emergency requirement pursuant to section 4112(a) of H.  
14 Con. Res. 71 (115th Congress), the concurrent resolution  
15 on the budget for fiscal year 2018, and to section 251(b)  
16 of the Balanced Budget and Emergency Deficit Control  
17 Act of 1985.

18 GENERAL SERVICES ADMINISTRATION  
19 REAL PROPERTY ACTIVITIES  
20 FEDERAL BUILDINGS FUND  
21 (INCLUDING TRANSFERS OF FUNDS)

22 For an additional amount to be deposited in the  
23 “Federal Buildings Fund”, \$3,418,008,000, to remain  
24 available until expended, for construction and acquisition,  
25 and repairs and alterations of border stations and land

2381

1 ports-of-entry, of which no more than \$250,000,000 shall  
2 be for Program Contingency and Operational Support for  
3 necessary expenses for projects funded under this heading,  
4 including, moving governmental agencies (including space  
5 alterations and adjustments, and telecommunications relo-  
6 cation expenses) in connection with the assignment, alloca-  
7 tion and transfer of space, leasing of temporary space, and  
8 building operations, of which—

9 (1) \$2,527,808,000 shall be for projects on the  
10 U.S. Customs and Border Protection five-year plan;

11 (2) \$430,200,000 shall be for projects with  
12 completed U.S. Customs and Border Protection/Gen-  
13 eral Services Administration feasibility studies as  
14 prioritized in the “American Jobs Plan Project List”  
15 submitted to the House and Senate Committees on  
16 Appropriations on May 28, 2021; and

17 (3) \$210,000,000 shall be for Land Ports of  
18 Entry (LPOE) Infrastructure paving; acquisition of  
19 leased LPOEs; and additional Federal Motor Carrier  
20 Safety Administration requirements at the Southern  
21 Border:

22 *Provided*, That the General Services Administration shall  
23 submit a plan, by project, regarding the use of funds made  
24 available to the Administrator under this heading in this  
25 Act to the Committees on Appropriations of the House

2382

1 of Representatives and the Senate within 90 days of enact-  
2 ment of this Act: *Provided further*, That the Administrator  
3 of General Services shall notify the Committees on Appro-  
4 priations of the House of Representatives and the Senate  
5 quarterly on the obligations and expenditures of the funds  
6 provided under this heading in this Act by account of the  
7 Federal Buildings Fund: *Provided further*, That funds  
8 made available under this heading in this Act for Federal  
9 Buildings Fund activities may be transferred to, and  
10 merged with, other accounts within the Federal Buildings  
11 Fund only to the extent necessary to meet program re-  
12 quirements for such activities: *Provided further*, That the  
13 General Services Administration will provide notice in ad-  
14 vance to the Committees on Appropriations of the House  
15 of Representatives and the Senate of any proposed trans-  
16 fers: *Provided further*, That funds made available to the  
17 Administrator under this heading in this Act shall not be  
18 subject to section 3307 of title 40, United States Code:  
19 *Provided further*, That amounts made available under this  
20 heading in this Act shall be in addition to any other  
21 amounts made available for such purposes, including for  
22 construction and acquisition or repairs and alterations:  
23 *Provided further*, That such amount is designated by the  
24 Congress as being for an emergency requirement pursuant  
25 to section 4112(a) of H. Con. Res. 71 (115th Congress),

2383

1 the concurrent resolution on the budget for fiscal year  
2 2018, and to section 251(b) of the Balanced Budget and  
3 Emergency Deficit Control Act of 1985.

4 FEDERAL PERMITTING IMPROVEMENT STEERING  
5 COUNCIL

6 ENVIRONMENTAL REVIEW IMPROVEMENT FUND

7 For an additional amount for the “Environmental  
8 Review Improvement Fund”, \$3,000,000 to remain avail-  
9 able until September 30, 2026: *Provided*, That \$650,000,  
10 to remain available until September 30, 2022, shall be  
11 made available for fiscal year 2022, \$650,000, to remain  
12 available until September 30, 2023, shall be made avail-  
13 able for fiscal year 2023, \$650,000, to remain available  
14 until September 30, 2024, shall be made available for fis-  
15 cal year 2024, \$650,000, to remain available until Sep-  
16 tember 30, 2025, shall be made available for fiscal year  
17 2025, and \$400,000, to remain available until September  
18 30, 2026, shall be made available for fiscal year 2026:  
19 *Provided further*, That such amount is designated by the  
20 Congress as being for an emergency requirement pursuant  
21 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
22 the concurrent resolution on the budget for fiscal year  
23 2018, and to section 251(b) of the Balanced Budget and  
24 Emergency Deficit Control Act of 1985.

2384

1 TITLE V—DEPARTMENT OF HOMELAND  
2 SECURITY  
3 SECURITY, ENFORCEMENT, AND  
4 INVESTIGATIONS  
5 U.S. CUSTOMS AND BORDER PROTECTION  
6 OPERATIONS AND SUPPORT

7 For an additional amount for “Operations and Sup-  
8 port”, \$330,000,000, to remain available until September  
9 30, 2026, for furniture, fixtures, and equipment for the  
10 land ports of entry modernized with funding provided to  
11 the General Services Administration in this Act: *Provided*,  
12 That such amount is designated by the Congress as being  
13 for an emergency requirement pursuant to section 4112(a)  
14 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
15 lution on the budget for fiscal year 2018, and to section  
16 251(b) of the Balanced Budget and Emergency Deficit  
17 Control Act of 1985.

18 PROCUREMENT, CONSTRUCTION, AND IMPROVEMENTS

19 For an additional amount for “Procurement, Con-  
20 struction, and Improvements”, \$100,000,000, to remain  
21 available until September 30, 2026, for land port of entry  
22 construction, modernization, and sustainment: *Provided*,  
23 That not later than 90 days after the date of enactment  
24 of this Act, the Department shall submit to the House  
25 and Senate Committees on Appropriations a detailed



2385

1 spend plan for the amount made available under this head-  
2 ing in this Act: *Provided further*, That such amount is des-  
3 igned by the Congress as being for an emergency re-  
4 quirement pursuant to section 4112(a) of H. Con. Res.  
5 71 (115th Congress), the concurrent resolution on the  
6 budget for fiscal year 2018, and to section 251(b) of the  
7 Balanced Budget and Emergency Deficit Control Act of  
8 1985.

## 9 COAST GUARD

## 10 OPERATIONS AND SUPPORT

11 For an additional amount for “Operations and Sup-  
12 port”, \$5,000,000, to remain available until September  
13 30, 2026, for personnel and administrative expenses: *Pro-*  
14 *vided*, That such amount is designated by the Congress  
15 as being for an emergency requirement pursuant to sec-  
16 tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
17 concurrent resolution on the budget for fiscal year 2018,  
18 and to section 251(b) of the Balanced Budget and Emer-  
19 gency Deficit Control Act of 1985.

## 20 PROCUREMENT, CONSTRUCTION, AND IMPROVEMENTS

21 For an additional amount for “Procurement, Con-  
22 struction, and Improvements”, \$429,000,000, to remain  
23 available until September 30, 2026: *Provided*, That of the  
24 funds made available under this heading in this Act—

2386

1           (1) \$131,500,000 shall be for housing, family  
2 support, safety, and training facilities, as described  
3 in the Coast Guard Fiscal Year 2022 Unfunded Pri-  
4 orities List submitted to Congress on June 29,  
5 2021;

6           (2) \$158,000,000 shall be for shore construc-  
7 tion addressing facility deficiencies, as described in  
8 the Coast Guard Fiscal Year 2022 Unfunded Prior-  
9 ities List submitted to Congress on June 29, 2021;

10           (3) \$19,500,000 shall be for shore construction  
11 supporting operational assets and maritime com-  
12 merce, as described in the Coast Guard Fiscal Year  
13 2022 Unfunded Priorities List submitted to Con-  
14 gress on June 29, 2021; and

15           (4) \$120,000,000 shall be for construction and  
16 improvement of childcare development centers:

17 *Provided further*, That not later than 90 days after the  
18 date of enactment of this Act, the Department shall sub-  
19 mit to the Committees on Appropriations and Commerce,  
20 Science, and Transportation of the Senate and the Com-  
21 mittees on Appropriations and Transportation and Infra-  
22 structure in the House of Representatives a detailed ex-  
23 penditure plan, including a list of project locations under  
24 each paragraph in the preceding proviso: *Provided further*,  
25 That such amount is designated by the Congress as being

2387

1 for an emergency requirement pursuant to section 4112(a)  
2 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
3 lution on the budget for fiscal year 2018, and to section  
4 251(b) of the Balanced Budget and Emergency Deficit  
5 Control Act of 1985.

6 PROTECTION, PREPAREDNESS, RESPONSE, AND

7 RECOVERY

8 CYBERSECURITY AND INFRASTRUCTURE SECURITY

9 AGENCY

10 OPERATIONS AND SUPPORT

11 For an additional amount for “Operations and Sup-  
12 port”, \$35,000,000, to remain available until September  
13 30, 2026, for risk management operations and stakeholder  
14 engagement and requirements: *Provided*, That such  
15 amount is designated by the Congress as being for an  
16 emergency requirement pursuant to section 4112(a) of H.  
17 Con. Res. 71 (115th Congress), the concurrent resolution  
18 on the budget for fiscal year 2018, and to section 251(b)  
19 of the Balanced Budget and Emergency Deficit Control  
20 Act of 1985.

21 CYBERSECURITY RESPONSE AND RECOVERY FUND

22 For an additional amount for “Cybersecurity Re-  
23 sponse and Recovery Fund”, \$100,000,000, to remain  
24 available until September 30, 2028, for cyber response and  
25 recovery, as authorized by subtitle C of the Homeland Se-

2388

1 curity Act of 2002, as amended by this Act: *Provided*,  
2 That \$20,000,000, to remain available until September  
3 30, 2028, shall be made available for fiscal year 2022,  
4 \$20,000,000, to remain available until September 30,  
5 2028, shall be made available for fiscal year 2023,  
6 \$20,000,000, to remain available until September 30,  
7 2028, shall be made available for fiscal year 2024,  
8 \$20,000,000, to remain available until September 30,  
9 2028, shall be made available for fiscal year 2025, and  
10 \$20,000,000, to remain available until September 30,  
11 2028, shall be made available for fiscal year 2026: *Pro-*  
12 *vided further*, That amounts provided under this heading  
13 in this Act shall be available only upon a declaration of  
14 a significant incident by the Secretary of Homeland Secu-  
15 rity pursuant to section 2233 of the Homeland Security  
16 Act of 2002, as amended by this Act: *Provided further*,  
17 That the Cybersecurity and Infrastructure Security Agen-  
18 cy shall provide to the Committees on Appropriations and  
19 Homeland Security and Governmental Affairs of the Sen-  
20 ate and the Committees on Appropriations and Oversight  
21 and Reform of the House of Representatives monthly re-  
22 ports, to be submitted not later than the tenth business  
23 day following the end of each month, on the status of  
24 funds made available under this heading in this Act, in-  
25 cluding an accounting of the most recent funding alloca-

2389

1 tion estimates, obligations, expenditures, and unobligated  
2 funds, delineated by significant incident, as defined in sec-  
3 tion 2232 of the Homeland Security Act of 2002, as  
4 amended by this Act: *Provided further*, That such amount  
5 is designated by the Congress as being for an emergency  
6 requirement pursuant to section 4112(a) of H. Con. Res.  
7 71 (115th Congress), the concurrent resolution on the  
8 budget for fiscal year 2018, and to section 251(b) of the  
9 Balanced Budget and Emergency Deficit Control Act of  
10 1985.

11 FEDERAL EMERGENCY MANAGEMENT AGENCY

12 OPERATIONS AND SUPPORT

13 For an additional amount for “Operations and Sup-  
14 port”, \$67,000,000, to remain available until September  
15 30, 2026, for Federal agency dam safety activities and as-  
16 sistance to States under sections 7 through 12 of the Na-  
17 tional Dam Safety Program Act (33 U.S.C. 467e through  
18 467h): *Provided*, That such amount is designated by the  
19 Congress as being for an emergency requirement pursuant  
20 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
21 the concurrent resolution on the budget for fiscal year  
22 2018, and to section 251(b) of the Balanced Budget and  
23 Emergency Deficit Control Act of 1985.

## 2390

1 FEDERAL ASSISTANCE

2 (INCLUDING TRANSFER OF FUNDS)

3 For an additional amount for “Federal Assistance”,  
4 \$2,233,000,000, which shall be allocated as follows:

5 (1) \$500,000,000, to remain available until ex-  
6 pended, for grants pursuant to section 205 of the  
7 Robert T. Stafford Disaster Relief and Emergency  
8 Assistance Act (42 U.S.C. 5135): *Provided*, That  
9 \$100,000,000, to remain available until expended,  
10 shall be made available for fiscal year 2022,  
11 \$100,000,000, to remain available until expended,  
12 shall be made available for fiscal year 2023,  
13 \$100,000,000, to remain available until expended,  
14 shall be made available for fiscal year 2024,  
15 \$100,000,000, to remain available until expended,  
16 shall be made available for fiscal year 2025, and  
17 \$100,000,000, to remain available until expended,  
18 shall be made available for fiscal year 2026: *Pro-*  
19 *vided further*, That in addition to amounts made  
20 available for administrative expenses under section  
21 205(d)(2) of the Robert T. Stafford Disaster Relief  
22 and Emergency Assistance Act (42 U.S.C.  
23 5135(d)(2)), no more than 10 percent of the  
24 amounts made available in fiscal year 2022, 7 per-  
25 cent of the amounts made available in fiscal year

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1 2023, and 5 percent of the amounts made available  
2 in each of fiscal years 2024 through 2026 under this  
3 paragraph in this Act may be transferred to “Fed-  
4 eral Emergency Management Agency—Operations  
5 and Support” for salaries and expenses.

6 (2) \$733,000,000, to remain available until ex-  
7 pended: *Provided*, That \$148,000,000 of the  
8 amounts made available under this paragraph in this  
9 Act shall be for grants to States pursuant to section  
10 8(e) of the National Dam Safety Program Act (33  
11 U.S.C. 467f(e)): *Provided further*, That  
12 \$585,000,000 of the amounts made available under  
13 this paragraph in this Act shall be for grants to  
14 States pursuant to section 8A of the National Dam  
15 Safety Program Act (33 U.S.C. 467f–2), of which  
16 no less than \$75,000,000 shall be for the removal of  
17 dams: *Provided further*, That dam removal projects  
18 shall include written consent of the dam owner, if  
19 ownership is established: *Provided further*, That in  
20 addition to amounts made available for administra-  
21 tive expenses, no more than 5 percent of the  
22 amounts made available under this paragraph in this  
23 Act may be transferred to “Federal Emergency  
24 Management Agency—Operations and Support” for  
25 salaries and expenses.

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1           (3) \$1,000,000,000 to remain available until ex-  
2           pended, for grants to states, local, tribal, and terri-  
3           torial governments for improvement to cybersecurity  
4           and critical infrastructure, as authorized by section  
5           2218 of the Homeland Security Act of 2002, as  
6           amended by this Act: *Provided*, That \$200,000,000,  
7           to remain available until expended, shall be made  
8           available for fiscal year 2022, \$400,000,000, to re-  
9           main available until expended, shall be made avail-  
10          able for fiscal year 2023, \$300,000,000, to remain  
11          available until expended, shall be made available for  
12          fiscal year 2024, and \$100,000,000, to remain avail-  
13          able until expended, shall be made available for fis-  
14          cal year 2025: *Provided further*, That no more than  
15          5 percent of the amounts made available in each of  
16          fiscal years 2022 through 2025 under this para-  
17          graph in this Act may be transferred to “Federal  
18          Emergency Management Agency—Operations and  
19          Support” for salaries and expenses:  
20          *Provided*, That such amount is designated by the Congress  
21          as being for an emergency requirement pursuant to sec-  
22          tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
23          concurrent resolution on the budget for fiscal year 2018,  
24          and to section 251(b) of the Balanced Budget and Emer-  
25          gency Deficit Control Act of 1985.



2393

1 DISASTER RELIEF FUND

2 (INCLUDING TRANSFER OF FUNDS)

3 For an additional amount for “Disaster Relief  
4 Fund”, \$1,000,000,000, to remain available until ex-  
5 pended, in addition to any amounts set aside pursuant to  
6 section 203(i) of the Robert T. Stafford Disaster Relief  
7 and Emergency Assistance Act (42 U.S.C. 5133), for  
8 grants pursuant to such section: *Provided*, That  
9 \$200,000,000, to remain available until expended, shall be  
10 made available for fiscal year 2022, \$200,000,000, to re-  
11 main available until expended, shall be made available for  
12 fiscal year 2023, \$200,000,000, to remain available until  
13 expended, shall be made available for fiscal year 2024,  
14 \$200,000,000, to remain available until expended, shall be  
15 made available for fiscal year 2025, and \$200,000,000,  
16 to remain available until expended, shall be made available  
17 for fiscal year 2026: *Provided further*, That no more than  
18 \$16,500,000 of the amounts made available in each of fis-  
19 cal years 2022 through 2026 under this heading in this  
20 Act may be transferred to “Federal Emergency Manage-  
21 ment Agency—Operations and Support” for salaries and  
22 expenses: *Provided further*, That such amount is des-  
23 ignated by the Congress as being for an emergency re-  
24 quirement pursuant to section 4112(a) of H. Con. Res.  
25 71 (115th Congress), the concurrent resolution on the

2394

1 budget for fiscal year 2018, and to section 251(b) of the  
2 Balanced Budget and Emergency Deficit Control Act of  
3 1985.

4 NATIONAL FLOOD INSURANCE FUND

5 For an additional amount for “National Flood Insur-  
6 ance Fund”, \$3,500,000,000, to be derived from the gen-  
7 eral Fund of the Treasury, to remain available until ex-  
8 pended, for flood mitigation actions and for flood mitiga-  
9 tion assistance under section 1366 of the National Flood  
10 Insurance Act of 1968 (42 U.S.C. 4104c), notwith-  
11 standing sections 1366(e), 1310(a)(7), and 1367 of such  
12 Act (42 U.S.C.4104c(e), 4017(a)(7), 4104d), in addition  
13 to any other funds available for this purpose: *Provided*,  
14 That \$700,000,000, to remain available until expended,  
15 shall be made available for fiscal year 2022,  
16 \$700,000,000, to remain available until expended, shall be  
17 made available for fiscal year 2023, \$700,000,000, to re-  
18 main available until expended, shall be made available for  
19 fiscal year 2024, \$700,000,000, to remain available until  
20 expended, shall be made available for fiscal year 2025, and  
21 \$700,000,000, to remain available until expended, shall be  
22 made available for fiscal year 2026: *Provided further*, That  
23 notwithstanding section 1366(d) of the National Flood In-  
24 surance Act of 1968 (42 U.S.C. 4104c(d)), the Adminis-  
25 trator of the Federal Emergency Management Agency

2395

1 may also use amounts made available under subsection (a)  
2 to provide flood mitigation assistance under section 1366  
3 of that Act (42 U.S.C. 4104c) for mitigation activities in  
4 an amount up to 90 percent of all eligible costs for a prop-  
5 erty—

6 (1) located within a census tract with a Centers  
7 for Disease Control and Prevention Social Vulner-  
8 ability Index score of not less than 0.5001; or

9 (2) that serves as a primary residence for indi-  
10 viduals with a household income of not more than  
11 100 percent of the applicable area median income:

12 *Provided further*, That such amount is designated by the  
13 Congress as being for an emergency requirement pursuant  
14 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
15 the concurrent resolution on the budget for fiscal year  
16 2018, and to section 251(b) of the Balanced Budget and  
17 Emergency Deficit Control Act of 1985.

18 SCIENCE AND TECHNOLOGY DIRECTORATE

19 RESEARCH AND DEVELOPMENT

20 For an additional amount for “Research and Devel-  
21 opment”, \$157,500,000, to remain available until Sep-  
22 tember 30, 2026, for critical infrastructure security and  
23 resilience research, development, test, and evaluation: *Pro-*  
24 *vided*, That the funds made available under this heading  
25 in this Act may be used for—

2396

1 (1) special event risk assessments rating plan-  
2 ning tools;

3 (2) electromagnetic pulse and geo-magnetic dis-  
4 turbance resilience capabilities;

5 (3) positioning, navigation, and timing capabili-  
6 ties;

7 (4) public safety and violence prevention to  
8 evaluate soft target security, including countering  
9 improvised explosive device events and protection of  
10 U.S. critical infrastructure; and

11 (5) research supporting security testing capa-  
12 bilities relating to telecommunications equipment, in-  
13 dustrial control systems, and open source software:

14 *Provided further*, That not later than 90 days after the  
15 date of enactment of this Act, the Department shall sub-  
16 mit to the House and Senate Committees on Appropria-  
17 tions a detailed spend plan for the amount made available  
18 under this heading in this Act: *Provided further*, That such  
19 amount is designated by the Congress as being for an  
20 emergency requirement pursuant to section 4112(a) of H.  
21 Con. Res. 71 (115th Congress), the concurrent resolution  
22 on the budget for fiscal year 2018, and to section 251(b)  
23 of the Balanced Budget and Emergency Deficit Control  
24 Act of 1985.

2397

## 1           GENERAL PROVISION—THIS TITLE

2           SEC. 501. One-quarter of one percent of the amounts  
3 made available under each heading in this title in this Act  
4 in each of fiscal years 2022 through 2026 shall be trans-  
5 ferred to the Office of the Inspector General of the De-  
6 partment of the Homeland Security for oversight of fund-  
7 ing provided to the Department of Homeland Security in  
8 this title in this Act.

9           TITLE VI—DEPARTMENT OF THE INTERIOR,  
10          ENVIRONMENT, AND RELATED AGENCIES

## 11           DEPARTMENT OF THE INTERIOR

## 12           UNITED STATES FISH AND WILDLIFE SERVICE

## 13           RESOURCE MANAGEMENT

## 14           (INCLUDING TRANSFERS OF FUNDS)

15          For an additional amount for “Resource Manage-  
16 ment”, \$455,000,000, to remain available until expended:  
17 *Provided*, That \$91,000,000, to remain available until ex-  
18 pended, shall be made available for fiscal year 2022,  
19 \$91,000,000, to remain available until expended, shall be  
20 made available for fiscal year 2023, \$91,000,000, to re-  
21 main available until expended, shall be made available for  
22 fiscal year 2024, \$91,000,000, to remain available until  
23 expended, shall be made available for fiscal year 2025, and  
24 \$91,000,000, to remain available until expended, shall be  
25 made available for fiscal year 2026: *Provided further*, That

2398

1 of the funds made available under this heading in this Act,  
2 the following amounts shall be for the following purposes  
3 in equal amounts for each of fiscal years 2022 through  
4 2026, and shall be in addition to amounts otherwise made  
5 available for such purpose—

6 (1) \$255,000,000 shall be for the following re-  
7 gional ecosystem restoration purposes—

8 (A) \$26,000,000 shall be for Delaware  
9 River Basin Conservation Act;

10 (B) \$162,000,000 shall be for Klamath  
11 Basin restoration activities, including habitat  
12 restoration, planning, design, engineering, envi-  
13 ronmental compliance, fee acquisition, infra-  
14 structure development, construction, operations  
15 and maintenance, improvements, and expan-  
16 sion, as necessary, on lands currently leased by  
17 the U.S. Fish and Wildlife Service for conserva-  
18 tion and recovery of endangered species;

19 (C) \$17,000,000 shall be for implementing  
20 section 5(d)(2) of the Lake Tahoe Restoration  
21 Act; and

22 (D) \$50,000,000 shall be for sagebrush  
23 steppe ecosystem;

24 (2) \$200,000,000 shall be for restoring fish and  
25 wildlife passage by removing in-stream barriers and

2399

1 providing technical assistance under the National  
2 Fish Passage Program:

3 *Provided further*, That one-half of one percent of the  
4 amounts made available under this heading in this Act in  
5 each of fiscal years 2022 through 2026 shall be trans-  
6 ferred to the Office of Inspector General of the Depart-  
7 ment of the Interior for oversight of funding provided to  
8 the Department of the Interior in this title in this Act:  
9 *Provided further*, That such amount is designated by the  
10 Congress as being for an emergency requirement pursuant  
11 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
12 the concurrent resolution on the budget for fiscal year  
13 2018, and to section 251(b) of the Balanced Budget and  
14 Emergency Deficit Control Act of 1985.

15 UNITED STATES GEOLOGICAL SURVEY  
16 SURVEYS, INVESTIGATIONS, AND RESEARCH  
17 (INCLUDING TRANSFERS OF FUNDS)

18 For an additional amount for “Surveys, Investiga-  
19 tions, and Research”, \$510,668,000, to remain available  
20 until expended, for the Secretary of the Interior to carry  
21 out activities authorized in sections 30201, 30204, and  
22 31003(a) of division C of this Act: *Provided*, That  
23 amounts made available under this heading in this Act  
24 shall be allocated as follows:

2400

1           (1) \$320,000,000 to carry out section 30201 of  
2           division C of this Act: *Provided*, That \$64,000,000,  
3           to remain available until September 30, 2024, shall  
4           be made available for fiscal year 2022, \$64,000,000,  
5           to remain available until September 30, 2025, shall  
6           be made available for fiscal year 2023, \$64,000,000,  
7           to remain available until September 30, 2026, shall  
8           be made available for fiscal year 2024, \$64,000,000,  
9           to remain available until September 30, 2027, shall  
10          be made available for fiscal year 2025, and  
11          \$64,000,000, to remain available until September  
12          30, 2028, shall be made available for fiscal year  
13          2026;

14          (2) \$167,000,000, to remain available until ex-  
15          pended, for fiscal year 2022 to carry out section  
16          30204 of division C of this Act;

17          (3) \$23,668,000 to carry out section 31003(a)  
18          of division C of this Act: *Provided*, That \$8,668,000,  
19          to remain available until September 30, 2024, shall  
20          be made available for fiscal year 2022, \$5,000,000,  
21          to remain available until September 30, 2025, shall  
22          be made available for fiscal year 2023, \$5,000,000,  
23          to remain available until September 30, 2026, shall  
24          be made available for fiscal year 2024, and



2401

1       \$5,000,000, to remain available until September 30,  
2       2027, shall be made available for fiscal year 2025:  
3       *Provided further*, That amounts provided under this head-  
4       ing in this Act shall be in addition to amounts otherwise  
5       available for such purposes: *Provided further*, That one-  
6       half of one percent of the amounts made available under  
7       this heading in this Act in each of fiscal years 2022  
8       through 2026 shall be transferred to the Office of Inspec-  
9       tor General of the Department of the Interior for oversight  
10      of funding provided to the Department of the Interior in  
11      this title in this Act: *Provided further*, That such amount  
12      is designated by the Congress as being for an emergency  
13      requirement pursuant to section 4112(a) of H. Con. Res.  
14      71 (115th Congress), the concurrent resolution on the  
15      budget for fiscal year 2018, and to section 251(b) of the  
16      Balanced Budget and Emergency Deficit Control Act of  
17      1985.

18           OFFICE OF SURFACE MINING RECLAMATION AND  
19                            ENFORCEMENT  
20                    ABANDONED MINE RECLAMATION FUND  
21                            (INCLUDING TRANSFERS OF FUNDS)

22       For an additional amount to be deposited in the  
23       “Abandoned Mine Reclamation Fund”, \$11,293,000,000,  
24       to remain available until expended, to carry out section  
25       30701 of division C of this Act: *Provided*, That of the

2402

1 amount provided under this heading in this Act,  
2 \$25,000,000, to remain available until expended, shall be  
3 to carry out activities as authorized in section 30701(g)  
4 of division C of this Act: *Provided further*, That up to 5  
5 percent of the amounts made available under this heading  
6 in this Act shall be for salaries, expenses, and administra-  
7 tion: *Provided further*, That one-half of one percent of the  
8 amounts made available under this heading in this Act  
9 shall be transferred to the Office of Inspector General of  
10 the Department of the Interior for oversight of funding  
11 provided to the Department of the Interior in this title  
12 in this Act: *Provided further*, That such amount is des-  
13 ignated by the Congress as being for an emergency re-  
14 quirement pursuant to section 4112(a) of H. Con. Res.  
15 71 (115th Congress), the concurrent resolution on the  
16 budget for fiscal year 2018, and to section 251(b) of the  
17 Balanced Budget and Emergency Deficit Control Act of  
18 1985.

19

## INDIAN AFFAIRS

20

## BUREAU OF INDIAN AFFAIRS

21

## OPERATION OF INDIAN PROGRAMS

22

## (INCLUDING TRANSFERS OF FUNDS)

23

For an additional amount for “Operation of Indian  
24 Programs”, \$216,000,000, to remain available until ex-  
25 pended for tribal climate resilience, adaptation, and com-

2403

1 munity relocation planning, design, and implementation of  
2 projects which address the varying climate challenges fac-  
3 ing tribal communities across the country: *Provided*, That  
4 of the funds in the preceding proviso, \$43,200,000, to re-  
5 main available until expended, shall be made available for  
6 fiscal year 2022, \$43,200,000, to remain available until  
7 expended, shall be made available for fiscal year 2023,  
8 \$43,200,000, to remain available until expended shall be  
9 made available for fiscal year 2024, \$43,200,000, to re-  
10 main available until expended, shall be made available for  
11 fiscal year 2025, and \$43,200,000, to remain available  
12 until expended, shall be made available for fiscal year  
13 2026: *Provided further*, That of the funds made available  
14 under the preceding proviso for fiscal years 2022 through  
15 2026, \$130,000,000 shall be for community relocation,  
16 and \$86,000,000 shall be for tribal climate resilience and  
17 adaptation projects: *Provided further*, That up to 5 per-  
18 cent of the amounts made available under this heading  
19 in this Act in each of fiscal years 2022 through 2026 shall  
20 be for salaries, expenses, and administration: *Provided fur-*  
21 *ther*, That one-half of one percent of the amounts made  
22 available under this heading in this Act in each of fiscal  
23 years 2022 through 2026 shall be transferred to the Office  
24 of Inspector General of the Department of the Interior  
25 for oversight of funding provided to the Department of

2404

1 the Interior in this title in this Act: *Provided further*, That  
2 awards made under subsection (d) to Tribes and Tribal  
3 organizations under the Indian Self-Determination and  
4 Education Assistance Act (25 U.S.C. 5301 et seq.) shall  
5 be considered non-recurring and shall not be part of the  
6 amount required by section 106 of the Indian Self-Deter-  
7 mination and Education Assistance Act (25 U.S.C. 5325),  
8 and such funds shall only be used for the purposes identi-  
9 fied in this section: *Provided further*, That such amount  
10 is designated by the Congress as being for an emergency  
11 requirement pursuant to section 4112(a) of H. Con. Res.  
12 71 (115th Congress), the concurrent resolution on the  
13 budget for fiscal year 2018, and to section 251(b) of the  
14 Balanced Budget and Emergency Deficit Control Act of  
15 1985.

## CONSTRUCTION

## (INCLUDING TRANSFERS OF FUNDS)

16  
17  
18 For an additional amount for “Construction”,  
19 \$250,000,000, to remain available until expended, for con-  
20 struction, repair, improvement, and maintenance of irriga-  
21 tion and power systems, safety of dams, water sanitation,  
22 and other facilities: *Provided*, That any funds provided for  
23 the Safety of Dams program pursuant to the Act of No-  
24 vember 2, 1921 (25 U.S.C. 13), shall be made available  
25 on a nonreimbursable basis: *Provided further*, That

2405

1 \$50,000,000, to remain available until expended, shall be  
2 made available for fiscal year 2022, \$50,000,000, to re-  
3 main available until expended, shall be made available for  
4 fiscal year 2023, \$50,000,000, to remain available until  
5 expended, shall be made available for fiscal year 2024,  
6 \$50,000,000, to remain available until expended, shall be  
7 made available for fiscal year 2025, and \$50,000,000, to  
8 remain available until expended, shall be made available  
9 for fiscal year 2026: *Provided further*, That of the funds  
10 made available under this heading in this Act for fiscal  
11 years 2022 through 2026—

12 (1) Not less than \$50,000,000 shall be for ad-  
13 dressing irrigation and power systems; and

14 (2) \$200,000,000 shall be for safety of dams,  
15 water sanitation, and other facilities:

16 *Provided further*, That up to 5 percent of the amounts  
17 made available under this heading in this Act in each of  
18 fiscal years 2022 through 2026 shall be for salaries, ex-  
19 penses, and administration: *Provided further*, That one-  
20 half of one percent of the amounts made available under  
21 this heading in this Act in each of fiscal years 2022  
22 through 2026 shall be transferred to the Office of Inspec-  
23 tor General of the Department of the Interior for oversight  
24 of funding provided to the Department of the Interior in  
25 this title in this Act: *Provided further*, That such amount

2406

1 is designated by the Congress as being for an emergency  
2 requirement pursuant to section 4112(a) of H. Con. Res.  
3 71 (115th Congress), the concurrent resolution on the  
4 budget for fiscal year 2018, and to section 251(b) of the  
5 Balanced Budget and Emergency Deficit Control Act of  
6 1985.

## 7 DEPARTMENTAL OFFICES

## 8 OFFICE OF THE SECRETARY

## 9 DEPARTMENTAL OPERATIONS

10 (INCLUDING TRANSFERS OF FUNDS)

11 For an additional amount for “Departmental Oper-  
12 ations”, \$905,000,000, to remain available until expended,  
13 for the Secretary of the Interior to carry out activities,  
14 as authorized in section 30804 of division C of this Act:  
15 *Provided*, That \$337,000,000, to remain available until  
16 expended, shall be made available for fiscal year 2022,  
17 \$142,000,000, to remain available until expended, shall be  
18 made available for fiscal year 2023, \$142,000,000, to re-  
19 main available until expended, shall be made available for  
20 fiscal year 2024, \$142,000,000, to remain available until  
21 expended, shall be made available for fiscal year 2025, and  
22 \$142,000,000, to remain available until expended, shall be  
23 made available for fiscal year 2026: *Provided further*, That  
24 the Secretary may transfer the funds provided under this  
25 heading in this Act to any other account in the Depart-

2407

1 ment of the Interior to carry out such purposes: *Provided*  
2 *further*, That the Secretary of the Interior and the Sec-  
3 retary of Agriculture, acting through the Chief of the For-  
4 est Service, may authorize the transfer of funds provided  
5 under this heading in this Act between the Departments  
6 for the purpose of carrying out activities as authorized in  
7 section 30804(b)(1) of division C of this Act: *Provided fur-*  
8 *ther*, That up to 5 percent of the amounts made available  
9 under this heading in this Act in each of fiscal years 2022  
10 through 2026 shall be for salaries, expenses, and adminis-  
11 tration: *Provided further*, That one-half of one percent of  
12 the amounts made available under this heading in this Act  
13 in each of fiscal years 2022 through 2026 shall be trans-  
14 ferred to the Office of Inspector General of the Depart-  
15 ment of the Interior for oversight of funding provided to  
16 the Department of the Interior in this title in this Act:  
17 *Provided further*, That such amount is designated by the  
18 Congress as being for an emergency requirement pursuant  
19 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
20 the concurrent resolution on the budget for fiscal year  
21 2018, and to section 251(b) of the Balanced Budget and  
22 Emergency Deficit Control Act of 1985.

2408

1 DEPARTMENT-WIDE PROGRAMS

2 WILDLAND FIRE MANAGEMENT

3 (INCLUDING TRANSFERS OF FUNDS)

4 For an additional amount for “Wildland Fire Man-  
5 agement”, \$1,458,000,000, to remain available until ex-  
6 pended: *Provided*, That \$407,600,000, to remain available  
7 until expended, shall be made available for fiscal year  
8 2022, \$262,600,000, to remain available until expended,  
9 shall be made available for fiscal year 2023,  
10 \$262,600,000, to remain available until expended, shall be  
11 made available for fiscal year 2024, \$262,600,000, to re-  
12 main available until expended, shall be made available for  
13 fiscal year 2025, and \$262,600,000, to remain available  
14 until expended, shall be made available for fiscal year  
15 2026: *Provided further*, That of the funds made available  
16 under this heading in this Act, the following amounts shall  
17 be for the following purposes for the following fiscal  
18 years—

19 (1) \$1,055,000,000 for the Secretary of the In-  
20 terior to carry out activities for the Department of  
21 the Interior, as authorized in section 30803 of divi-  
22 sion C of this Act, including fuels management ac-  
23 tivities, of which \$327,000,000, to remain available  
24 until expended, shall be made available for fiscal  
25 year 2022 and \$182,000,000, to remain available



2409

1 until expended, shall be made available for each of  
2 fiscal years 2023 through 2026;

3 (2) In addition to amounts made available in  
4 paragraph (1) for fuels management activities,  
5 \$35,600,000 for each of fiscal years 2022 through  
6 2026 for such purpose; and

7 (3) In addition to amounts made available in  
8 paragraph (1) for burned area rehabilitation,  
9 \$45,000,000 for each of fiscal years 2022 through  
10 2026 for such purpose:

11 *Provided further*, That up to \$2,000,000 for each of fiscal  
12 years 2022 through 2026 from funds made available in  
13 paragraphs (2) and (3) of the preceding proviso shall be  
14 for implementation of the Tribal Forestry Protection Act,  
15 as amended (Public Law 108–278): *Provided further*, That  
16 the Secretary may transfer the funds provided under this  
17 heading in this Act to any other account in the Depart-  
18 ment of the Interior to carry out such purposes: *Provided*  
19 *further*, That funds appropriated under this heading in  
20 this Act may be transferred to the United States Fish and  
21 Wildlife Service and the National Marine Fisheries Service  
22 for the costs of carrying out their responsibilities under  
23 the Endangered Species Act of 1973 (16 U.S.C. 1531 et  
24 seq.) to consult and conference, as required by section 7  
25 of such Act, in connection with wildland fire management

2410

1 activities: *Provided further*, That up to 5 percent of the  
2 amounts made available under this heading in this Act in  
3 each of fiscal years 2022 through 2026 shall be for sala-  
4 ries, expenses, and administration: *Provided further*, That  
5 one-half of one percent of the amounts made available  
6 under this heading in this Act in each of fiscal years 2022  
7 through 2026 shall be transferred to the Office of Inspec-  
8 tor General of the Department of the Interior for oversight  
9 of funding provided to the Department of the Interior in  
10 this title in this Act: *Provided further*, That such amount  
11 is designated by the Congress as being for an emergency  
12 requirement pursuant to section 4112(a) of H. Con. Res.  
13 71 (115th Congress), the concurrent resolution on the  
14 budget for fiscal year 2018, and to section 251(b) of the  
15 Balanced Budget and Emergency Deficit Control Act of  
16 1985.

17 ENERGY COMMUNITY REVITALIZATION PROGRAM

18 (INCLUDING TRANSFERS OF FUNDS)

19 For an additional amount for Department-Wide Pro-  
20 grams, \$4,677,000,000, to remain available until ex-  
21 pended, for an Energy Community Revitalization program  
22 to carry out orphaned well site plugging, remediation, and  
23 restoration activities authorized in section 349 of the En-  
24 ergy Policy Act of 2005 (42 U.S.C. 15907), as amended  
25 by section 30601 of division C of this Act: *Provided*, That

2411

1 of the funds made available under this heading in this Act,  
2 the following amounts shall be for the following pur-  
3 poses—

4 (1) \$250,000,000, to remain available until  
5 September 30, 2030, shall be to carry out activities  
6 authorized in section 349(b) of the Energy Policy  
7 Act of 2005 (42 U.S.C. 15907(b)), as amended by  
8 section 30601 of division C of this Act;

9 (2) \$775,000,000, to remain available until  
10 September 30, 2030, shall be to carry out activities  
11 authorized in section 349(c)(3) of the Energy Policy  
12 Act of 2005 (42 U.S.C. 15907(c)(3)), as amended  
13 by section 30601 of division C of this Act;

14 (3) \$2,000,000,000, to remain available until  
15 September 30, 2030, shall be to carry out activities  
16 authorized in section 349(c)(4) of the Energy Policy  
17 Act of 2005 (42 U.S.C. 15907(c)(4)), as amended  
18 by section 30601 of division C of this Act;

19 (4) \$1,500,000,000, to remain available until  
20 September 30, 2030, shall be to carry out activities  
21 authorized in section 349(c)(5) of the Energy Policy  
22 Act of 2005 (42 U.S.C. 15907(c)(5)), as amended  
23 by section 30601 of division C of this Act;

24 (5) \$150,000,000, to remain available until  
25 September 30, 2030, shall be to carry out activities

2412

1 authorized in section 349(d) of the Energy Policy  
2 Act of 2005 (42 U.S.C.15907(d)), as amended by  
3 section 30601 of division C of this Act;

4 *Provided further*, That of the amount provided under this  
5 heading in this Act, \$2,000,000 shall be provided by the  
6 Secretary through a cooperative agreement with the Inter-  
7 state Oil and Gas Compact Commission to carry out the  
8 consultations authorized in section 349 of the Energy Pol-  
9 icy Act of 2005 (42 U.S.C. 15907), as amended by section  
10 30601 of division C of this Act: *Provided further*, That  
11 amounts provided under this heading in this Act shall be  
12 in addition to amounts otherwise available for such pur-  
13 poses: *Provided further*, That amounts provided under this  
14 heading in this Act are not available to fulfill Comprehen-  
15 sive Environmental Response, Compensation, and Liabil-  
16 ity Act (CERCLA) obligations agreed to in settlement or  
17 imposed by a court, whether for payment of funds or for  
18 work to be performed: *Provided further*, That the Sec-  
19 retary may transfer the funds provided under this heading  
20 in this Act to any other account in the Department of the  
21 Interior to carry out such purposes: *Provided further*, That  
22 the Secretary may transfer funds made available in para-  
23 graph (1) of the first proviso under this heading to the  
24 Secretary of Agriculture, acting through the Chief of the  
25 Forest Service, to carry out such purposes: *Provided fur-*

2413

1 *ther*, That up to 5 percent of the amounts made available  
2 under this heading in this Act shall be for salaries, ex-  
3 penses, and administration: *Provided further*, That one-  
4 half of one percent of the amounts made available under  
5 this heading in this Act shall be transferred to the Office  
6 of Inspector General of the Department of the Interior  
7 for oversight of funding provided to the Department of  
8 the Interior in this title in this Act: *Provided further*, That  
9 such amount is designated by the Congress as being for  
10 an emergency requirement pursuant to section 4112(a) of  
11 H. Con. Res. 71 (115th Congress), the concurrent resolu-  
12 tion on the budget for fiscal year 2018, and to section  
13 251(b) of the Balanced Budget and Emergency Deficit  
14 Control Act of 1985.

15 GENERAL PROVISIONS, DEPARTMENT OF THE INTERIOR

16 SEC. 601. Not later than 90 days after the date of  
17 enactment of this Act, the Secretary of the Interior shall  
18 submit to the House and Senate Committees on Appro-  
19 priations a detailed spend plan for the funds provided to  
20 the Department of the Interior in this title in this Act  
21 for fiscal year 2022, and for each fiscal year through  
22 2026, as part of the annual budget submission of the  
23 President under section 1105(a) of title 31, United States  
24 Code, the Secretary of the Interior shall submit a detailed

2414

1 spend plan for the funds provided to the Department of  
2 the Interior in this title in this Act for that fiscal year.

3 ENVIRONMENTAL PROTECTION AGENCY

4 ENVIRONMENTAL PROGRAMS AND MANAGEMENT

5 (INCLUDING TRANSFERS OF FUNDS)

6 For an additional amount for “Environmental Pro-  
7 grams and Management”, \$1,959,000,000, which shall be  
8 allocated as follows:

9 (1) \$1,717,000,000, to remain available until  
10 expended, for Geographic Programs as specified in  
11 the explanatory statement described in section 4 of  
12 the matter preceding division A of Public Law 116–  
13 260: *Provided*, That \$343,400,000, to remain avail-  
14 able until expended, shall be made available for fis-  
15 cal year 2022, \$343,400,000, to remain available  
16 until expended, shall be made available for fiscal  
17 year 2023, \$343,400,000, to remain available until  
18 expended, shall be made available for fiscal year  
19 2024, \$343,400,000, to remain available until ex-  
20 pended, shall be made available for fiscal year 2025,  
21 and \$343,400,000, to remain available until ex-  
22 pended, shall be made available for fiscal year 2026:  
23 *Provided further*, That of the funds made available  
24 in this paragraph in this Act, the following amounts

2415

1 shall be for the following purposes in equal amounts  
2 for each of fiscal years 2022 through 2026—

3 (A) \$1,000,000,000 shall be for Great  
4 Lakes Restoration Initiative;

5 (B) \$238,000,000 shall be for Chesapeake  
6 Bay;

7 (C) \$24,000,000 shall be for San Fran-  
8 cisco Bay;

9 (D) \$89,000,000 shall be for Puget Sound;

10 (E) \$106,000,000 shall be for Long Island  
11 Sound;

12 (F) \$53,000,000 shall be for Gulf of Mex-  
13 ico;

14 (G) \$16,000,000 shall be for South Flor-  
15 ida;

16 (H) \$40,000,000 shall be for Lake Cham-  
17 plain;

18 (I) \$53,000,000 shall be for Lake Pont-  
19 chartrain;

20 (J) \$15,000,000 shall be for Southern New  
21 England Estuaries;

22 (K) \$79,000,000 shall be for Columbia  
23 River Basin; and

2416

1 (L) \$4,000,000 shall be for other geo-  
2 graphic activities which includes Pacific North-  
3 west:

4 *Provided further*, That the Administrator may waive  
5 or reduce the required non-Federal share for  
6 amounts made available under this paragraph in this  
7 Act for the purposes described in the preceding pro-  
8 viso;

9 (2) \$132,000,000, to remain available until ex-  
10 pended, for the National Estuary Program grants  
11 under section 320(g)(2) of the Federal Water Pollu-  
12 tion Control Act, notwithstanding the funding limi-  
13 tation in section 320(i)(2)(B) of the Act: *Provided*,  
14 That \$26,400,000, to remain available until ex-  
15 pended, shall be made available for fiscal year 2022,  
16 \$26,400,000, to remain available until expended,  
17 shall be made available for fiscal year 2023,  
18 \$26,400,000, to remain available until expended,  
19 shall be made available for fiscal year 2024,  
20 \$26,400,000, to remain available until expended,  
21 shall be made available for fiscal year 2025, and  
22 \$26,400,000, to remain available until expended,  
23 shall be made available for fiscal year 2026: *Pro-*  
24 *vided further*, That the Administrator may waive or  
25 reduce the required non-Federal share for amounts



2417

1 made available under this paragraph in this Act:  
2 *Provided further*, That up to five percent of the  
3 amounts made available under this paragraph in this  
4 Act shall be for salaries, expenses, and administra-  
5 tion;

6 (3) \$60,000,000, to remain available until ex-  
7 pended, for actions under the Gulf Hypoxia Action  
8 Plan: *Provided*, That \$12,000,000, to remain avail-  
9 able until expended, shall be made available for fis-  
10 cal year 2022, \$12,000,000, to remain available  
11 until expended, shall be made available for fiscal  
12 year 2023, \$12,000,000, to remain available until  
13 expended, shall be made available for fiscal year  
14 2024, \$12,000,000, to remain available until ex-  
15 pended, shall be made available for fiscal year 2025,  
16 and \$12,000,000, to remain available until ex-  
17 pended, shall be made available for fiscal year 2026:  
18 *Provided further*, That funds shall be provided annu-  
19 ally to the twelve states serving as members of the  
20 Mississippi River/Gulf of Mexico Watershed Nutrient  
21 Task Force (Arkansas, Iowa, Illinois, Indiana, Ken-  
22 tucky, Louisiana, Minnesota, Missouri, Mississippi,  
23 Ohio, Tennessee, and Wisconsin) in equal amounts  
24 for each state for the period of fiscal year 2022 to  
25 fiscal year 2026: *Provided further*, That up to four

2418

1 percent of the amounts made available under this  
2 paragraph in this Act shall be for salaries, expenses,  
3 and administration;

4 (4) \$25,000,000, to remain available until ex-  
5 pended, to support permitting of Class VI wells as  
6 authorized under section 30306 of division C of this  
7 Act, to be carried out by Drinking Water Programs:  
8 *Provided*, That \$5,000,000, to remain available until  
9 expended, shall be made available for fiscal year  
10 2022, \$5,000,000, to remain available until ex-  
11 pended, shall be made available for fiscal year 2023,  
12 \$5,000,000, to remain available until expended, shall  
13 be made available for fiscal year 2024, \$5,000,000,  
14 to remain available until expended, shall be made  
15 available for fiscal year 2025, and \$5,000,000, to re-  
16 main available until expended, shall be made avail-  
17 able for fiscal year 2026;

18 (5) \$10,000,000, to remain available until Sep-  
19 tember 30, 2026, for developing battery recycling  
20 best practices, as authorized under section 50201(b)  
21 of division E of this Act, to be carried out by the  
22 Resource Conservation and Recovery Act program;

23 (6) \$15,000,000, to remain available until Sep-  
24 tember 30, 2026, for developing voluntary battery  
25 labeling guidelines, as authorized under section

2419

1       50201(c) of division E of this Act, to be carried out  
2       by the Resource Conservation and Recovery Act pro-  
3       gram;

4       *Provided*, That funds provided for the purposes described  
5       in paragraphs (1), (2), and (3) under this heading in this  
6       Act may be transferred to the United States Fish and  
7       Wildlife Service and the National Marine Fisheries Service  
8       for the costs of carrying out their responsibilities under  
9       the Endangered Species Act of 1973 (16 U.S.C. 1531 et  
10      seq.) to consult and conference, as required by section 7  
11      of such Act, in connection with Geographic programs, the  
12      National Estuary Program, and the Gulf Hypoxia Action  
13      Plan: *Provided further*, That amounts provided under this  
14      heading in this Act shall be in addition to amounts other-  
15      wise available for such purposes: *Provided further*, That  
16      one-half of one percent of the amounts made available  
17      under this heading in this Act in each of fiscal years 2022  
18      through 2026 shall be transferred to the Office of Inspec-  
19      tor General of the Environmental Protection Agency for  
20      oversight of funding provided to the Environmental Pro-  
21      tection Agency in this title in this Act: *Provided further*,  
22      That such amount is designated by the Congress as being  
23      for an emergency requirement pursuant to section 4112(a)  
24      of H. Con. Res. 71 (115th Congress), the concurrent reso-  
25      lution on the budget for fiscal year 2018, and to section

2420

1 251(b) of the Balanced Budget and Emergency Deficit  
2 Control Act of 1985.

3 HAZARDOUS SUBSTANCE SUPERFUND  
4 (INCLUDING TRANSFERS OF FUNDS)

5 For an additional amount for “Hazardous Substance  
6 Superfund”, \$3,500,000,000, to remain available until ex-  
7 pended, consisting of such sums as are available in the  
8 Trust Fund on September 30, 2021, as authorized by sec-  
9 tion 517(a) of the Superfund Amendments and Reauthor-  
10 ization Act of 1986 (SARA) and up to \$3,500,000,000  
11 as a payment from general revenues to the Hazardous  
12 Substance Superfund for purposes as authorized by sec-  
13 tion 517(b) of SARA, for all costs associated with Super-  
14 fund: Remedial activities: *Provided*, That in providing  
15 technical and project implementation assistance for  
16 amounts made available under this heading in this Act,  
17 the Administrator shall consider the unique needs of Trib-  
18 al communities with contaminated sites where the poten-  
19 tially responsible parties cannot pay or cannot be identi-  
20 fied, but shall not alter the process for prioritizing site  
21 cleanups: *Provided further*, That amounts provided under  
22 this heading in this Act shall be in addition to amounts  
23 otherwise available for such purposes: *Provided further*,  
24 That amounts provided under this heading in this Act  
25 shall not be subject to cost share requirements under sec-

2421

1 tion 104(c)(3) of the Comprehensive Environmental Re-  
2 sponse, Compensation, and Liability Act of 1980  
3 (CERCLA) (42 U.S.C. 9604(c)(3)): *Provided further*,  
4 That the Administrator of the Environmental Protection  
5 Agency shall annually report to Congress on the status  
6 of funded projects: *Provided further*, That one-half of one  
7 percent of the amounts made available under this heading  
8 in this Act in each of fiscal years 2022 through 2026 shall  
9 be transferred to the Office of Inspector General of the  
10 Environmental Protection Agency for oversight of funding  
11 provided to the Environmental Protection Agency in this  
12 title in this Act: *Provided further*, That such amount is  
13 designated by the Congress as being for an emergency re-  
14 quirement pursuant to section 4112(a) of H. Con. Res.  
15 71 (115th Congress), the concurrent resolution on the  
16 budget for fiscal year 2018, and to section 251(b) of the  
17 Balanced Budget and Emergency Deficit Control Act of  
18 1985.

19 STATE AND TRIBAL ASSISTANCE GRANTS

20 (INCLUDING TRANSFERS OF FUNDS)

21 For an additional amount for “State and Tribal As-  
22 sistance Grants”, \$55,426,000,000, to remain available  
23 until expended: *Provided*, That amounts made available  
24 under this heading in this Act shall be allocated as follows:

2422

1           (1) \$11,713,000,000 for capitalization grants  
2 for the Clean Water State Revolving Funds under  
3 title VI of the Federal Water Pollution Control Act:  
4 *Provided*, That \$1,902,000,000, to remain available  
5 until expended, shall be made available for fiscal  
6 year 2022, \$2,202,000,000, to remain available until  
7 expended, shall be made available for fiscal year  
8 2023, \$2,403,000,000, to remain available until ex-  
9 pended, shall be made available for fiscal year 2024,  
10 \$2,603,000,000, to remain available until expended,  
11 shall be made available for fiscal year 2025, and  
12 \$2,603,000,000, to remain available until expended,  
13 shall be made available for fiscal year 2026: *Pro-*  
14 *vided further*, That for the funds provided under this  
15 paragraph in this Act in fiscal year 2022 and fiscal  
16 year 2023, the State shall deposit in the State loan  
17 fund from State moneys an amount equal to at least  
18 10 percent of the total amount of the grant to be  
19 made to the State, notwithstanding sections  
20 602(b)(2), 602(b)(3) or 202 of the Federal Water  
21 Pollution Control Act: *Provided further*, That forty-  
22 nine percent of the funds provided under this para-  
23 graph in this Act shall be used by the State to pro-  
24 vide additional subsidy to eligible recipients in the  
25 form of assistance agreements with 100 percent

2423

1 principal forgiveness or grants (or a combination of  
2 these): *Provided further*, That up to four percent of  
3 the amounts made available under this paragraph in  
4 this Act in fiscal year 2022 and up to two percent  
5 in each of fiscal years 2023 through 2026 shall be  
6 for salaries, expenses, and administration: *Provided*  
7 *further*, That one-half of one percent of the amounts  
8 made available under this paragraph in this Act in  
9 each of fiscal years 2022 through 2026 shall be  
10 transferred to the Office of Inspector General of the  
11 Environmental Protection Agency for oversight of  
12 funding provided to the Environmental Protection  
13 Agency in this title in this Act;

14 (2) \$11,713,000,000 for capitalization grants  
15 for the Drinking Water State Revolving Funds  
16 under section 1452 of the Safe Drinking Water Act:  
17 *Provided*, That \$1,902,000,000, to remain available  
18 until expended, shall be made available for fiscal  
19 year 2022, \$2,202,000,000, to remain available until  
20 expended, shall be made available for fiscal year  
21 2023, \$2,403,000,000, to remain available until ex-  
22 pended, shall be made available for fiscal year 2024,  
23 \$2,603,000,000, to remain available until expended,  
24 shall be made available for fiscal year 2025, and  
25 \$2,603,000,000, to remain available until expended,

2424

1 shall be made available for fiscal year 2026: *Pro-*  
2 *vided further*, That for the funds provided under this  
3 paragraph in this Act in fiscal year 2022 and fiscal  
4 year 2023, the State shall deposit in the State loan  
5 fund from State moneys an amount equal to at least  
6 10 percent of the total amount of the grant to be  
7 made to the State, notwithstanding section 1452(e)  
8 of the Safe Drinking Water Act: *Provided further*,  
9 That forty-nine percent of the funds provided under  
10 this paragraph in this Act shall be used by the State  
11 to provide additional subsidy to eligible recipients in  
12 the form of assistance agreements with 100 percent  
13 principal forgiveness or grants (or a combination of  
14 these): *Provided further*, That up to four percent of  
15 the amounts made available under this paragraph in  
16 this Act in fiscal year 2022 and up to two percent  
17 in each of fiscal years 2023 through 2026 shall be  
18 for salaries, expenses, and administration: *Provided*  
19 *further*, That one-half of one percent of the amounts  
20 made available under this paragraph in this Act in  
21 each of fiscal years 2022 through 2026 shall be  
22 transferred to the Office of Inspector General of the  
23 Environmental Protection Agency for oversight of  
24 funding provided to the Environmental Protection  
25 Agency in this title in this Act;



2425

1           (3) \$15,000,000,000 for capitalization grants  
2 for the Drinking Water State Revolving Funds  
3 under section 1452 of the Safe Drinking Water Act:  
4 *Provided*, That \$3,000,000,000, to remain available  
5 until expended, shall be made available for fiscal  
6 year 2022, \$3,000,000,000, to remain available until  
7 expended, shall be made available for fiscal year  
8 2023, \$3,000,000,000, to remain available until ex-  
9 pended, shall be made available for fiscal year 2024,  
10 \$3,000,000,000, to remain available until expended,  
11 shall be made available for fiscal year 2025, and  
12 \$3,000,000,000, to remain available until expended,  
13 shall be made available for fiscal year 2026: *Pro-*  
14 *vided further*, That the funds provided under this  
15 paragraph in this Act shall be for lead service line  
16 replacement projects and associated activities di-  
17 rectly connected to the identification, planning, de-  
18 sign, and replacement of lead service lines: *Provided*  
19 *further*, That forty-nine percent of the funds pro-  
20 vided under this paragraph in this Act shall be used  
21 by the State to provide additional subsidy to eligible  
22 recipients in the form of assistance agreements with  
23 100 percent principal forgiveness or grants (or a  
24 combination of these): *Provided further*, That the  
25 funds provided under this paragraph in this Act

2426

1 shall not be subject to the matching or cost share re-  
2 quirements of section 1452(e) of the Safe Drinking  
3 Water Act: *Provided further*, That up to four percent  
4 of the amounts made available under this paragraph  
5 in this Act in fiscal year 2022 and up to two percent  
6 in each of fiscal years 2023 through 2026 shall be  
7 for salaries, expenses, and administration: *Provided*  
8 *further*, That one-half of one percent of the amounts  
9 made available under this paragraph in this Act in  
10 each of fiscal years 2022 through 2026 shall be  
11 transferred to the Office of Inspector General of the  
12 Environmental Protection Agency for oversight of  
13 funding provided to the Environmental Protection  
14 Agency in this title in this Act;

15 (4) \$1,000,000,000 for capitalization grants for  
16 the Clean Water State Revolving Funds under title  
17 VI of the Federal Water Pollution Control Act: *Pro-*  
18 *vided*, That \$100,000,000, to remain available until  
19 expended, shall be made available for fiscal year  
20 2022, \$225,000,000, to remain available until ex-  
21 pended, shall be made available for fiscal year 2023,  
22 \$225,000,000, to remain available until expended,  
23 shall be made available for fiscal year 2024,  
24 \$225,000,000, to remain available until expended,  
25 shall be made available for fiscal year 2025, and

2427

1       \$225,000,000, to remain available until expended,  
2       shall be made available for fiscal year 2026: *Pro-*  
3       *vided further,* That funds provided under this para-  
4       graph in this Act shall be for eligible uses under sec-  
5       tion 603(c) of the Federal Water Pollution Control  
6       Act that address emerging contaminants: *Provided*  
7       *further,* That funds provided under this paragraph in  
8       this Act shall not be subject to the matching or cost  
9       share requirements of sections 602(b)(2), 602(b)(3),  
10      or 202 of the Federal Water Pollution Control Act:  
11      *Provided further,* That funds provided under this  
12      paragraph in this Act deposited into the state revolv-  
13      ing fund shall be provided to eligible recipients as  
14      assistance agreements with 100 percent principal  
15      forgiveness or as grants (or a combination of these):  
16      *Provided further,* That up to four percent of the  
17      amounts made available under this paragraph in this  
18      Act in fiscal year 2022 and up to two percent in  
19      each of fiscal years 2023 through 2026 shall be for  
20      salaries, expenses, and administration: *Provided fur-*  
21      *ther,* That one-half of one percent of the amounts  
22      made available under this paragraph in this Act in  
23      each of fiscal years 2022 through 2026 shall be  
24      transferred to the Office of Inspector General of the  
25      Environmental Protection Agency for oversight of

2428

1 funding provided to the Environmental Protection  
2 Agency in this title in this Act;

3 (5) \$4,000,000,000 for capitalization grants for  
4 the Drinking Water State Revolving Funds under  
5 section 1452 of the Safe Drinking Water Act: *Pro-*  
6 *vided*, That \$800,000,000, to remain available until  
7 expended, shall be made available for fiscal year  
8 2022, \$800,000,000, to remain available until ex-  
9 pended, shall be made available for fiscal year 2023,  
10 \$800,000,000, to remain available until expended,  
11 shall be made available for fiscal year 2024,  
12 \$800,000,000, to remain available until expended,  
13 shall be made available for fiscal year 2025, and  
14 \$800,000,000, to remain available until expended,  
15 shall be made available for fiscal year 2026: *Pro-*  
16 *vided further*, That funds provided under this para-  
17 graph in this Act shall be to address emerging con-  
18 taminants in drinking water with a focus on  
19 perfluoroalkyl and polyfluoroalkyl substances  
20 through capitalization grants under section 1452(t)  
21 of the Safe Drinking Water Act for the purposes de-  
22 scribed in section 1452(a)(2)(G) of such Act: *Pro-*  
23 *vided further*, That funds provided under this para-  
24 graph in this Act deposited into the State revolving  
25 fund shall be provided to eligible recipients as loans

2429

1 with 100 percent principal forgiveness or as grants  
2 (or a combination of these): *Provided further*, That  
3 funds provided under this paragraph in this Act  
4 shall not be subject to the matching or cost share re-  
5 quirements of section 1452(e) of the Safe Drinking  
6 Water Act: *Provided further*, That up to four percent  
7 of the amounts made available under this paragraph  
8 in this Act in fiscal year 2022 and up to two percent  
9 in each of fiscal years 2023 through 2026 shall be  
10 for salaries, expenses, and administration: *Provided*  
11 *further*, That one-half of one percent of the amounts  
12 made available under this paragraph in this Act in  
13 each of fiscal years 2022 through 2026 shall be  
14 transferred to the Office of Inspector General of the  
15 Environmental Protection Agency for oversight of  
16 funding provided to the Environmental Protection  
17 Agency in this title in this Act;

18 (6) \$5,000,000,000 for grants for addressing  
19 emerging contaminants under subsections (a)  
20 through (j) of section 1459A of the Safe Drinking  
21 Water Act (42 U.S.C. 300j-19a): *Provided*, That  
22 \$1,000,000,000, to remain available until expended,  
23 shall be made available for fiscal year 2022,  
24 \$1,000,000,000, to remain available until expended,  
25 shall be made available for fiscal year 2023,

2430

1       \$1,000,000,000, to remain available until expended,  
2       shall be made available for fiscal year 2024,  
3       \$1,000,000,000, to remain available until expended,  
4       shall be made available for fiscal year 2025, and  
5       \$1,000,000,000, to remain available until expended,  
6       shall be made available for fiscal year 2026: *Pro-*  
7       *vided further,* That funds provided to States under  
8       this paragraph may be used for projects that ad-  
9       dress emerging contaminants supporting a commu-  
10      nity described in section 1459A, subsection (c)(2), of  
11      the Safe Drinking Water Act, notwithstanding the  
12      definition of underserved communities in section  
13      1459A, subsection (a)(2), of the Safe Drinking  
14      Water Act: *Provided further,* That funds provided  
15      under this paragraph in this Act shall not be subject  
16      to the matching or cost share requirements of sec-  
17      tion 1459A of the Safe Drinking Water Act: *Pro-*  
18      *vided further,* That up to seven percent of the  
19      amounts made available under this paragraph in this  
20      Act in each of fiscal years 2022 through 2026 shall  
21      be for salaries, expenses, and administration: *Pro-*  
22      *vided further,* That one-half of one percent of the  
23      amounts made available under this paragraph in this  
24      Act in each of fiscal years 2022 through 2026 shall  
25      be transferred to the Office of Inspector General of

2431

1 the Environmental Protection Agency for oversight  
2 of funding provided to the Environmental Protection  
3 Agency in this title in this Act;

4 (7) \$50,000,000, to remain available until ex-  
5 pended, to award Underground Injection Control  
6 grants, as authorized under section 30306 of divi-  
7 sion C of this Act, and for activities to support  
8 states' efforts to develop programs leading to pri-  
9 macy: *Provided*, That up to seven percent of the  
10 amounts made available under this paragraph in this  
11 Act shall be for management and oversight pur-  
12 poses: *Provided further*, That one-half of one percent  
13 of the amounts made available under this paragraph  
14 in this Act shall be transferred to the Office of In-  
15 spector General of the Environmental Protection  
16 Agency for oversight of funding provided to the En-  
17 vironmental Protection Agency in this title in this  
18 Act;

19 (8) \$1,500,000,000 for brownfields activities:  
20 *Provided*, That \$300,000,000, to remain available  
21 until expended, shall be made available for fiscal  
22 year 2022, \$300,000,000, to remain available until  
23 expended, shall be made available for fiscal year  
24 2023, \$300,000,000, to remain available until ex-  
25 pended, shall be made available for fiscal year 2024,





2433

1 (iii) grants under sections  
2 104(k)(2)(B) and 104(k)(5)(A)(i) of  
3 CERCLA for site characterization and as-  
4 sessment activities on a community-wide or  
5 site-by-site basis in amounts not to exceed  
6 \$10,000,000 per grant and without further  
7 limitation on the amount that may be ex-  
8 pended for any individual brownfield site;

9 (iv) grants under sections  
10 104(k)(3)(A)(i) and 104(k)(5)(A)(ii) of  
11 CERCLA for capitalization of revolving  
12 loan funds in amounts not to exceed  
13 \$10,000,000 per grant; and

14 (v) grants under section 104(k)(7) of  
15 CERCLA for job training in amounts not  
16 to exceed \$1,000,000 per grant; and

17 (B) \$300,000,000 shall be to carry out  
18 section 128 of the Comprehensive Environ-  
19 mental Response, Compensation, and Liability  
20 Act of 1980:

21 *Provided further*, That funds provided under this  
22 paragraph in this Act shall not be subject to cost  
23 share requirements under section 104(k)(10)(B)(iii)  
24 of the Comprehensive Environmental Response,  
25 Compensation, and Liability Act of 1980: *Provided*

2434

1       *further*, That the Administrator of the Environ-  
2       mental Protection Agency shall annually report to  
3       Congress on the status of funded projects: *Provided*  
4       *further*, That up to five percent of the amounts  
5       made available under this paragraph in this Act in  
6       each of fiscal years 2022 through 2026 shall be for  
7       salaries, expenses, and administration: *Provided fur-*  
8       *ther*, That one-half of one percent of the amounts  
9       made available under this paragraph in this Act in  
10      each of fiscal years 2022 through 2026 shall be  
11      transferred to the Office of Inspector General of the  
12      Environmental Protection Agency for oversight of  
13      funding provided to the Environmental Protection  
14      Agency in this title in this Act;

15           (9) \$100,000,000 for all costs for carrying out  
16      section 6605 of the Pollution Prevention Act: *Pro-*  
17      *vided*, That \$20,000,000, to remain available until  
18      expended, shall be made available for fiscal year  
19      2022, \$20,000,000, to remain available until ex-  
20      pended, shall be made available for fiscal year 2023,  
21      \$20,000,000, to remain available until expended,  
22      shall be made available for fiscal year 2024,  
23      \$20,000,000, to remain available until expended,  
24      shall be made available for fiscal year 2025, and  
25      \$20,000,000, to remain available until expended,

2435

1 shall be made available for fiscal year 2026: *Pro-*  
2 *vided further*, That funds provided under this para-  
3 graph in this Act shall not be subject to cost share  
4 requirements under section 6605(c) of the Pollution  
5 Prevention Act: *Provided further*, That one-half of  
6 one percent of the amounts made available under  
7 this paragraph in this Act in each of fiscal years  
8 2022 through 2026 shall be transferred to the Office  
9 of Inspector General of the Environmental Protec-  
10 tion Agency for oversight of funding provided to the  
11 Environmental Protection Agency in this title in this  
12 Act;

13 (10) \$275,000,000 for grants under section  
14 302(a) of the Save Our Seas 2.0 Act (Public Law  
15 116–224): *Provided*, That \$55,000,000, to remain  
16 available until expended, shall be made available for  
17 fiscal year 2022, \$55,000,000, to remain available  
18 until expended, shall be made available for fiscal  
19 year 2023, \$55,000,000, to remain available until  
20 expended, shall be made available for fiscal year  
21 2024, \$55,000,000, to remain available until ex-  
22 pended, shall be made available for fiscal year 2025,  
23 and \$55,000,000, to remain available until ex-  
24 pended, shall be made available for fiscal year 2026:  
25 *Provided further*, That notwithstanding section

2436

1 302(a) of such Act, the Administrator may also pro-  
2 vide grants pursuant to such authority to tribes,  
3 intertribal consortia consistent with the require-  
4 ments in 40 C.F.R. 35.504(a), former Indian res-  
5 ervations in Oklahoma (as determined by the Sec-  
6 retary of the Interior), and Alaskan Native Villages  
7 as defined in Public Law 92–203: *Provided further*,  
8 That up to seven percent of the amounts made avail-  
9 able under this paragraph in this Act in each of fis-  
10 cal years 2022 through 2026 shall be for manage-  
11 ment and oversight purposes: *Provided further*, That  
12 one-half of one percent of the amounts made avail-  
13 able under this paragraph in this Act in each of fis-  
14 cal years 2022 through 2026 shall be transferred to  
15 the Office of Inspector General of the Environmental  
16 Protection Agency for oversight of funding provided  
17 to the Environmental Protection Agency in this title  
18 in this Act;

19 (11) \$75,000,000 to award grants focused on  
20 improving material recycling, recovery, management,  
21 and reduction, as authorized under section 50202 of  
22 division E of this Act: *Provided*, That \$15,000,000,  
23 to remain available until expended, shall be made  
24 available for fiscal year 2022, \$15,000,000, to re-  
25 main available until expended, shall be made avail-

2437

1       able for fiscal year 2023, \$15,000,000, to remain  
2       available until expended, shall be made available for  
3       fiscal year 2024, \$15,000,000, to remain available  
4       until expended, shall be made available for fiscal  
5       year 2025, and \$15,000,000, to remain available  
6       until expended, shall be made available for fiscal  
7       year 2026: *Provided further*, That up to seven per-  
8       cent of the amounts made available under this para-  
9       graph in this Act in each of fiscal years 2022  
10      through 2026 shall be for management and over-  
11      sight purposes: *Provided further*, That one-half of  
12      one percent of the amounts made available under  
13      this paragraph in this Act in each of fiscal years  
14      2022 through 2026 shall be transferred to the Office  
15      of Inspector General of the Environmental Protec-  
16      tion Agency for oversight of funding provided to the  
17      Environmental Protection Agency in this title in this  
18      Act;

19               (12) \$5,000,000,000 for the Clean School Bus  
20      Program as authorized under section 741 of the En-  
21      ergy Policy Act of 2005 (42 U.S.C. 16091), as  
22      amended by section 20301 of division B of this Act:  
23      *Provided*, That \$1,000,000,000, to remain available  
24      until expended, shall be made available for fiscal  
25      year 2022, \$1,000,000,000, to remain available until

2438

1       expended, shall be made available for fiscal year  
2       2023, \$1,000,000,000, to remain available until ex-  
3       pended, shall be made available for fiscal year 2024,  
4       \$1,000,000,000, to remain available until expended,  
5       shall be made available for fiscal year 2025, and  
6       \$1,000,000,000, to remain available until expended,  
7       shall be made available for fiscal year 2026: *Pro-*  
8       *vided further,* That of the funds provided,  
9       \$500,000,000 shall be provided annually for zero-  
10      emission school buses, as defined in section  
11      741(a)(8) of the Energy Policy Act of 2005 (42  
12      U.S.C. 16091(a)(8)), as amended by section 20301  
13      of division B of this Act, and \$500,000,000 shall be  
14      provided annually for clean school buses and zero-  
15      emission school buses, as defined in section  
16      741(a)(3) of the Energy Policy Act of 2005 (42  
17      U.S.C. 16091(a)(3)), as amended by section 20301  
18      of division B of this Act: *Provided further,* That up  
19      to three percent of the amounts made available  
20      under this paragraph in this Act in each of fiscal  
21      years 2022 through 2026 shall be for salaries, ex-  
22      penses, and administration: *Provided further,* That  
23      up to one-half of one percent of the of the amounts  
24      made available under this heading in this Act in  
25      each of fiscal years 2022 through 2026 shall be

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1 transferred to the Office of Inspector General of the  
2 Environmental Protection Agency for oversight of  
3 funding provided to the Environmental Protection  
4 Agency in this title in this Act: *Provided further*,  
5 That if there are unobligated funds in any of fiscal  
6 years 2022 through 2026 after the Administrator of  
7 the Environmental Protection Agency issues awards  
8 for that fiscal year, States may compete for those  
9 funds, notwithstanding the 10 percent limitation  
10 under section 741(b)(7)(B) of the Energy Policy Act  
11 of 2005 (42 U.S.C. 16091(b)(7)(B)), as amended by  
12 section 20301 of division B of this Act:

13 *Provided further*, That amounts provided under this head-  
14 ing in this Act shall be in addition to amounts otherwise  
15 available for such purposes: *Provided further*, That such  
16 amount is designated by the Congress as being for an  
17 emergency requirement pursuant to section 4112(a) of H.  
18 Con. Res. 71 (115th Congress), the concurrent resolution  
19 on the budget for fiscal year 2018, and to section 251(b)  
20 of the Balanced Budget and Emergency Deficit Control  
21 Act of 1985.

2440

1 GENERAL PROVISIONS—ENVIRONMENTAL PROTECTION  
2 AGENCY  
3 (INCLUDING TRANSFERS OF FUNDS)

4 SEC. 611. Funds made available to the Environ-  
5 mental Protection Agency by this Act for salaries, ex-  
6 penses, and administration purposes may be transferred  
7 to the “Environmental Programs and Management” ac-  
8 count or the “Science and Technology” account as needed  
9 for such purposes.

10 SEC. 612. Not later than 90 days after the date of  
11 enactment of this Act, the Administrator of the Environ-  
12 mental Protection Agency shall submit to the House and  
13 Senate Committees on Appropriations a detailed spend  
14 plan for the funds provided to the Environmental Protec-  
15 tion Agency in this title for fiscal year 2022, and for each  
16 fiscal year through 2026, as part of the annual budget  
17 submission of the President under section 1105(a) of title  
18 31, United States Code, the Administrator of the Environ-  
19 mental Protection Agency shall submit a detailed spend  
20 plan for the funds provided to the Environmental Protec-  
21 tion Agency in this title for that fiscal year.

22 SEC. 613. For this fiscal year and each fiscal year  
23 thereafter, such sums as are available in the Hazardous  
24 Substance Superfund established under section 9507 of  
25 the Internal Revenue Code of 1986 at the end of the pre-



2441

1 ceding fiscal year from taxes received in the Treasury  
2 under subsection (b)(1) of such section shall be available,  
3 without further appropriation, to be used to carry out the  
4 Comprehensive Environmental Response, Compensation,  
5 and Liability Act of 1980 (42 U.S.C. 9601 et seq.).

6       SEC. 614. (a) DRINKING WATER.—There is author-  
7 ized to be appropriated to carry out the purposes of sec-  
8 tion 1452 of the Safe Drinking Water Act (42 U.S.C.  
9 300j–12), in addition to amounts otherwise authorized to  
10 be appropriated for those purposes, an additional  
11 \$1,126,000,000 for each of fiscal years 2022 through  
12 2026.

13       (b) CLEAN WATER.—There is authorized to be ap-  
14 propriated to carry out the purposes of title VI of the Fed-  
15 eral Water Pollution Control Act (33 U.S.C. 1381 et seq.),  
16 in addition to amounts otherwise authorized to be appro-  
17 priated for those purposes, an additional \$1,639,000,000  
18 for each of fiscal years 2022 through 2026.

19                   DEPARTMENT OF AGRICULTURE

20                           FOREST SERVICE

21                                   FOREST AND RANGELAND RESEARCH

22       For an additional amount for “Forest and Rangeland  
23 Research”, \$10,000,000, to remain available until Sep-  
24 tember 30, 2029, for the Secretary of Agriculture, acting  
25 through the Chief of the Forest Service, to carry out ac-

2442

1 tivities of the Joint Fire Science Program, as authorized  
2 in section 30803 of division C of this Act: *Provided*, That  
3 \$2,000,000, to remain available until September 30, 2025,  
4 shall be made available for fiscal year 2022, \$2,000,000,  
5 to remain available until September 30, 2026, shall be  
6 made available for fiscal year 2023, \$2,000,000, to remain  
7 available until September 30, 2027, shall be made avail-  
8 able for fiscal year 2024, \$2,000,000, to remain available  
9 until September 30, 2028, shall be made available for fis-  
10 cal year 2025, and \$2,000,000, to remain available until  
11 September 30, 2029, shall be made available for fiscal  
12 year 2026: *Provided further*, That such amount is des-  
13 ignated by the Congress as being for an emergency re-  
14 quirement pursuant to section 4112(a) of H. Con. Res.  
15 71 (115th Congress), the concurrent resolution on the  
16 budget for fiscal year 2018, and to section 251(b) of the  
17 Balanced Budget and Emergency Deficit Control Act of  
18 1985.

19 STATE AND PRIVATE FORESTRY

20 (INCLUDING TRANSFERS OF FUNDS)

21 For an additional amount for “State and Private  
22 Forestry”, \$1,526,800,000, to remain available until Sep-  
23 tember 30, 2029: *Provided*, That \$305,360,000, to remain  
24 available until September 30, 2025, shall be made avail-  
25 able for fiscal year 2022, \$305,360,000, to remain avail-

2443

1 able until September 30, 2026, shall be made available  
2 for fiscal year 2023, \$305,360,000, to remain available  
3 until September 30, 2027, shall be made available for fis-  
4 cal year 2024, \$305,360,000, to remain available until  
5 September 30, 2028, shall be made available for fiscal  
6 year 2025, and \$305,360,000, to remain available until  
7 September 30, 2029, shall be made available for fiscal  
8 year 2026: *Provided further*, That of the funds made avail-  
9 able under this heading in this Act, the following amounts  
10 shall be for the following purposes in equal amounts for  
11 each of fiscal years 2022 through 2026—

12 (1) \$718,000,000 for the Secretary of Agri-  
13 culture, acting through the Chief of the Forest Serv-  
14 ice, to carry out activities for the Department of Ag-  
15 riculture, as authorized in sections 30803 and 30804  
16 of division C of this Act;

17 (2) In addition to amounts made available in  
18 paragraph (1) for grants to at-risk communities for  
19 wildfire mitigation activities, not less than  
20 \$500,000,000 for such purposes;

21 (3) Not less than \$88,000,000 for State Fire  
22 Assistance; and

23 (4) Not less than \$20,000,000 for Volunteer  
24 Fire Assistance:

2444

1 *Provided further*, That amounts made available under this  
2 heading in this Act for each of fiscal years 2022 through  
3 2026 may be transferred between accounts affected by the  
4 Forest Service budget restructure outlined in section 435  
5 of division D of the Further Consolidated Appropriations  
6 Act, 2020 (Public Law 116–94) to carry out the activities  
7 in support of this heading: *Provided further*, That up to  
8 5 percent of the amounts made available under this head-  
9 ing in this Act in each of fiscal years 2022 through 2026  
10 shall be for salaries, expenses, and administration: *Pro-*  
11 *vided further*, That one-half of one percent of the amounts  
12 made available under this heading in this Act in each of  
13 fiscal years 2022 through 2026 shall be transferred to the  
14 Office of Inspector General of the Department of Agri-  
15 culture for oversight of funding provided to the Forest  
16 Service in this title in this Act: *Provided further*, That  
17 such amount is designated by the Congress as being for  
18 an emergency requirement pursuant to section 4112(a) of  
19 H. Con. Res. 71 (115th Congress), the concurrent resolu-  
20 tion on the budget for fiscal year 2018, and to section  
21 251(b) of the Balanced Budget and Emergency Deficit  
22 Control Act of 1985.

2445

1 NATIONAL FOREST SYSTEM

2 (INCLUDING TRANSFERS OF FUNDS)

3 For an additional amount for “National Forest Sys-  
4 tem”, \$2,854,000,000, to remain available until expended:  
5 *Provided*, That \$734,800,000, to remain available until  
6 expended, shall be made available for fiscal year 2022,  
7 \$529,800,000, to remain available until expended, shall be  
8 made available for fiscal year 2023, \$529,800,000, to re-  
9 main available until expended, shall be made available for  
10 fiscal year 2024, \$529,800,000, to remain available until  
11 expended, shall be made available for fiscal year 2025, and  
12 \$529,800,000, to remain available until expended, shall be  
13 made available for fiscal year 2026: *Provided further*, That  
14 of the funds made available under this heading in this Act,  
15 the following amounts shall be for the following pur-  
16 poses—

17 (1) \$2,115,000,000 for the Secretary of Agri-  
18 culture, acting through the Chief of the Forest Serv-  
19 ice, to carry out activities for the Department of Ag-  
20 riculture as authorized in sections 30803 and 30804  
21 of division C of this Act, of which \$587,000,000, to  
22 remain available until expended, shall be made avail-  
23 able for fiscal year 2022 and \$382,000,000, to re-  
24 main available until expended, shall be made avail-  
25 able for each of fiscal years 2023 through 2026;

2446

1           (2) In addition to amounts made available in  
2           paragraph (1) for hazardous fuels management ac-  
3           tivities, \$102,800,000 for each of fiscal years 2022  
4           through 2026 for such purposes; and

5           (3) In addition to amounts made available in  
6           paragraph (1) for burned area recovery,  
7           \$45,000,000 for each of fiscal years 2022 through  
8           2026 for such purposes:

9   *Provided further*, That up to \$12,000,000 for each of fiscal  
10 years 2022 through 2026 from funds made available in  
11 paragraph (2) of the preceding proviso may be used to  
12 make grants, using any authorities available for the Forest  
13 Service under the “State and Private Forestry” appropria-  
14 tion for the purposes of creating incentives for increased  
15 use of biomass from National Forest System lands, includ-  
16 ing the Community Wood Energy Program and the Wood  
17 Innovation Grants Program: *Provided further*, That up to  
18 \$8,000,000 for each of fiscal years 2022 through 2026  
19 from funds made available in paragraph (2) of the pre-  
20 ceding proviso shall be for implementation of the Tribal  
21 Forestry Protection Act, as amended (Public Law 108–  
22 278): *Provided further*, That funds appropriated under  
23 this heading in this Act may be transferred to the United  
24 States Fish and Wildlife Service and the National Marine  
25 Fisheries Service for the costs of carrying out their re-

2447

1 sponsibilities under the Endangered Species Act of 1973  
2 (16 U.S.C. 1531 et seq.) to consult and conference, as  
3 required by section 7 of such Act, in connection with  
4 wildland fire management activities: *Provided further,*  
5 That the Secretary of the Interior and the Secretary of  
6 Agriculture, acting through the Chief of the Forest Serv-  
7 ice, may authorize the transfer of funds provided under  
8 this heading in this Act between the Departments for the  
9 purpose of carrying out activities as authorized in section  
10 30804(b)(1) of division C of this Act: *Provided further,*  
11 That amounts made available under this heading in this  
12 Act for each of fiscal years 2022 through 2026 may be  
13 transferred between accounts affected by the Forest Serv-  
14 ice budget restructure outlined in section 435 of division  
15 D of the Further Consolidated Appropriations Act, 2020  
16 (Public Law 116–94) to carry out the activities in support  
17 of this heading: *Provided further,* That amounts made  
18 available under this heading in this Act in each of fiscal  
19 years 2022 through 2026 shall be available for salaries  
20 and expenses: *Provided further,* That one-half of one per-  
21 cent of the amounts made available under this heading  
22 in this Act in each of fiscal years 2022 through 2026 shall  
23 be transferred to the Office of Inspector General of the  
24 Department of Agriculture for oversight of funding pro-  
25 vided to the Forest Service in this title in this Act: *Pro-*

2448

1 *vided further*, That such amount is designated by the Con-  
2 gress as being for an emergency requirement pursuant to  
3 section 4112(a) of H. Con. Res. 71 (115th Congress), the  
4 concurrent resolution on the budget for fiscal year 2018,  
5 and to section 251(b) of the Balanced Budget and Emer-  
6 gency Deficit Control Act of 1985.

## 7 CAPITAL IMPROVEMENT AND MAINTENANCE

## 8 (INCLUDING TRANSFERS OF FUNDS)

9 For an additional amount for “Capital Improvement  
10 and Maintenance”, \$360,000,000, to remain available  
11 until September 30, 2029: *Provided*, That \$72,000,000,  
12 to remain available until September 30, 2025, shall be  
13 made available for fiscal year 2022, \$72,000,000, to re-  
14 main available until September 30, 2026, shall be made  
15 available for fiscal year 2023, \$72,000,000, to remain  
16 available until September 30, 2027, shall be made avail-  
17 able for fiscal year 2024, \$72,000,000, to remain available  
18 until September 30, 2028, shall be made available for fis-  
19 cal year 2025, and \$72,000,000, to remain available until  
20 September 30, 2029, shall be made available for fiscal  
21 year 2026: *Provided further*, That of the funds made avail-  
22 able under this heading in this Act, the following amounts  
23 shall be for the following purposes in equal amounts for  
24 each of fiscal years 2022 through 2026—



2449

1           (1) \$250,000,000 to carry out activities of the  
2 Legacy Road and Trail Remediation Program, as  
3 authorized in Public Law 88–657 (16 U.S.C. 532 et  
4 seq.) (commonly known as the “Forest Roads and  
5 Trails Act”), as amended by section 30801 of divi-  
6 sion C of this Act;

7           (2) \$100,000,000 for construction of temporary  
8 roads or reconstruction and maintenance of roads to  
9 facilitate forest restoration and management projects  
10 that reduce wildfire risk; and

11           (3) \$10,000,000 for the removal of non-hydro-  
12 power Federal dams and for providing dam removal  
13 technical assistance:

14 *Provided further*, That funds appropriated under this  
15 heading in this Act may be transferred to the United  
16 States Fish and Wildlife Service and the National Marine  
17 Fisheries Service for the costs of carrying out their re-  
18 sponsibilities under the Endangered Species Act of 1973  
19 (16 U.S.C. 1531 et seq.) to consult and conference, as  
20 required by section 7 of such Act, in connection with  
21 wildland fire management activities: *Provided further*,  
22 That amounts made available under this heading in this  
23 Act for each of fiscal years 2022 through 2026 may be  
24 transferred between accounts affected by the Forest Serv-  
25 ice budget restructure outlined in section 435 of division

2450

1 D of the Further Consolidated Appropriations Act, 2020  
2 (Public Law 116–94) to carry out the activities in support  
3 of this heading: *Provided further*, That one-half of one per-  
4 cent of the amounts made available under this heading  
5 in this Act in each of fiscal years 2022 through 2026 shall  
6 be transferred to the Office of Inspector General of the  
7 Department of Agriculture for oversight of funding pro-  
8 vided to the Forest Service in this title in this Act: *Pro-*  
9 *vided further*, That such amount is designated by the Con-  
10 gress as being for an emergency requirement pursuant to  
11 section 4112(a) of H. Con. Res. 71 (115th Congress), the  
12 concurrent resolution on the budget for fiscal year 2018,  
13 and to section 251(b) of the Balanced Budget and Emer-  
14 gency Deficit Control Act of 1985.

## 15 WILDLAND FIRE MANAGEMENT

16 (INCLUDING TRANSFERS OF FUNDS)

17 For an additional amount for “Wildland Fire Man-  
18 agement”, \$696,200,000 to remain available until ex-  
19 pended, for the Secretary of Agriculture, acting through  
20 the Chief of the Forest Service, to carry out activities for  
21 the Department of Agriculture as authorized in section  
22 30803 of division C of this Act: *Provided*, That  
23 \$552,200,000, to remain available until expended, shall be  
24 made available for fiscal year 2022, \$36,000,000, to re-  
25 main available until expended, shall be made available for

2451

1 fiscal year 2023, \$36,000,000, to remain available until  
2 expended, shall be made available for fiscal year 2024,  
3 \$36,000,000, to remain available until expended, shall be  
4 made available for fiscal year 2025, and \$36,000,000, to  
5 remain available until expended, shall be made available  
6 for fiscal year 2026: *Provided further*, That funds appro-  
7 priated under this heading in this Act may be transferred  
8 to the United States Fish and Wildlife Service and the  
9 National Marine Fisheries Service for the costs of carrying  
10 out their responsibilities under the Endangered Species  
11 Act of 1973 (16 U.S.C. 1531 et seq.) to consult and con-  
12 ference, as required by section 7 of such Act, in connection  
13 with wildland fire management activities: *Provided further*,  
14 That amounts made available under this heading in this  
15 Act for each of fiscal years 2022 through 2026 may be  
16 transferred between accounts affected by the Forest Serv-  
17 ice budget restructure outlined in section 435 of division  
18 D of the Further Consolidated Appropriations Act, 2020  
19 (Public Law 116– 94) to carry out the activities in support  
20 of this heading: *Provided further*, That amounts made  
21 available under this heading in this Act in each of fiscal  
22 years 2022 through 2026, shall be available for salaries  
23 and expenses to carry out such purposes: *Provided further*,  
24 That one-half of one percent of the amounts made avail-  
25 able under this heading in this Act in each of fiscal years

2452

1 2022 through 2026 shall be transferred to the Office of  
2 Inspector General of the Department of Agriculture for  
3 oversight of funding provided to the Forest Service in this  
4 title in this Act: *Provided further*, That such amount is  
5 designated by the Congress as being for an emergency re-  
6 quirement pursuant to section 4112(a) of H. Con. Res.  
7 71 (115th Congress), the concurrent resolution on the  
8 budget for fiscal year 2018, and to section 251(b) of the  
9 Balanced Budget and Emergency Deficit Control Act of  
10 1985.

11 ADMINISTRATIVE PROVISION—FOREST SERVICE

12 Not later than 90 days after the date of enactment  
13 of this Act, the Secretary of Agriculture, acting through  
14 the Chief of the Forest Service, shall submit to the House  
15 and Senate Committees on Appropriations a detailed  
16 spend plan for the funds provided to the Forest Service  
17 in this title in this Act for fiscal year 2022, and for each  
18 fiscal year through 2026, as part of the annual budget  
19 submission of the President under section 1105(a) of title  
20 31, United States Code, the Secretary shall submit a de-  
21 tailed spend plan for the funds provided to the Forest  
22 Service in this title in this Act for that fiscal year.

2453

1 DEPARTMENT OF HEALTH AND HUMAN  
2 SERVICES  
3 INDIAN HEALTH SERVICE  
4 INDIAN HEALTH FACILITIES  
5 (INCLUDING TRANSFERS OF FUNDS)

6 For an additional amount for “Indian Health Facili-  
7 ties”, \$3,500,000,000, to remain available until expended,  
8 for the provision of domestic and community sanitation  
9 facilities for Indians, as authorized by section 7 of the Act  
10 of August 5, 1954 (68 Stat. 674): *Provided*, That  
11 \$700,000,000, to remain available until expended, shall be  
12 made available for fiscal year 2022, \$700,000,000, to re-  
13 main available until expended, shall be made available for  
14 fiscal year 2023, \$700,000,000, to remain available until  
15 expended, shall be made available for fiscal year 2024,  
16 \$700,000,000, to remain available until expended, shall be  
17 made available for fiscal year 2025, and \$700,000,000,  
18 to remain available until expended, shall be made available  
19 for fiscal year 2026: *Provided further*, That of the amounts  
20 made available under this heading, up to \$2,200,000,000  
21 shall be for projects that exceed the economical unit cost  
22 and shall be available until expended: *Provided further*,  
23 That up to ten percent of the amounts made available in  
24 each fiscal year shall be for salaries, expenses, and admin-  
25 istration: *Provided further*, That one-half of one percent

2454

1 of the amounts made available under this heading in this  
2 Act in each fiscal years 2022 through 2026 shall be trans-  
3 ferred to the Office of Inspector General of the Depart-  
4 ment of Health and Human Services for oversight of fund-  
5 ing provided to the Department of Health and Human  
6 Services in this title in this Act: *Provided further*, That  
7 no funds available to the Indian Health Service for sala-  
8 ries, expenses, administration, and oversight shall be avail-  
9 able for contracts, grants, compacts, or cooperative agree-  
10 ments under the provisions of the Indian Self-Determina-  
11 tion and Education Assistance Act as amended: *Provided*  
12 *further*, That funds under this heading made available to  
13 Tribes and Tribal organizations under the Indian Self-De-  
14 termination and Education Assistance Act (25 U.S.C.  
15 5301 et seq.) shall be available on a one-time basis, are  
16 nonrecurring, and shall not be part of the amount required  
17 by section 106 of the Indian Self-Determination and Edu-  
18 cation Assistance Act (25 U.S.C. 5325), and shall only  
19 be used for the purposes identified in this heading: *Pro-*  
20 *vided further*, That not later than 90 days after the date  
21 of enactment of this Act, the Secretary of Health and  
22 Human Services shall submit to the House and Senate  
23 Committees on Appropriations a detailed spend plan for  
24 fiscal year 2022: *Provided further*, That for each fiscal  
25 year through 2026, as part of the annual budget submis-

2455

1 sion of the President under section 1105(a) of title 31,  
2 United States Code, the Secretary of Health and Human  
3 Services shall submit a detailed spend plan for that fiscal  
4 year: *Provided further*, That such amount is designated  
5 by the Congress as being for an emergency requirement  
6 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
7 Congress), the concurrent resolution on the budget for fis-  
8 cal year 2018, and to section 251(b) of the Balanced  
9 Budget and Emergency Deficit Control Act of 1985.

10

## TITLE VII

11 LABOR, HEALTH AND HUMAN SERVICES, AND

12 EDUCATION, AND RELATED AGENCIES

13 DEPARTMENT OF HEALTH AND HUMAN

14 SERVICES

15 ADMINISTRATION FOR CHILDREN AND FAMILIES

16 LOW INCOME HOME ENERGY ASSISTANCE

17 For an additional amount for “Low Income Home  
18 Energy Assistance”, \$500,000,000, to remain available  
19 through September 30, 2026, for making payments under  
20 subsection (b) of section 2602 of the Low-Income Home  
21 Energy Assistance Act of 1981 (42 U.S.C. 8621 et seq.):  
22 *Provided*, That \$100,000,000, to remain available until  
23 September 30, 2026, shall be made available in fiscal year  
24 2022, \$100,000,000, to remain available until September  
25 30, 2026, shall be made available in fiscal year 2023,

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1 \$100,000,000, to remain available until September 30,  
2 2026, shall be made available in fiscal year 2024,  
3 \$100,000,000, to remain available until September 30,  
4 2026, shall be made available in fiscal year 2025, and  
5 \$100,000,000, to remain available until September 30,  
6 2026, shall be made available in fiscal year 2026: *Provided*  
7 *further*, That, of the amount available for obligation in a  
8 fiscal year under this heading in this Act, \$50,000,000  
9 shall be allocated as though the total appropriation for  
10 such payments for such fiscal year was less than  
11 \$1,975,000,000: *Provided further*, That such amount is  
12 designated by the Congress as being for an emergency re-  
13 quirement pursuant to section 4112(a) of H. Con. Res.  
14 71 (115th Congress), the concurrent resolution on the  
15 budget for fiscal year 2018, and to section 251(b) of the  
16 Balanced Budget and Emergency Deficit Control Act of  
17 1985.

18

## TITLE VIII

19

TRANSPORTATION, HOUSING AND URBAN

20

DEVELOPMENT, AND RELATED AGENCIES

21

DEPARTMENT OF TRANSPORTATION

22

OFFICE OF THE SECRETARY

23

NATIONAL INFRASTRUCTURE INVESTMENTS

24

For an additional amount for “National Infrastruc-

25

ture Investments”, \$12,500,000,000, to remain available



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1 until expended, for necessary expenses to carry out chap-  
2 ter 67 of title 49, United States Code, of which  
3 \$5,000,000,000 shall be to carry out section 6701 of such  
4 title and \$7,500,000,000 shall be to carry out section  
5 6702 of such title: *Provided*, That, of the amount made  
6 available under this heading in this Act to carry out sec-  
7 tion 6701 of title 49, United States Code, \$1,000,000,000,  
8 to remain available until expended, shall be made available  
9 for fiscal year 2022, \$1,000,000,000, to remain available  
10 until expended, shall be made available for fiscal year  
11 2023, \$1,000,000,000, to remain available until expended,  
12 shall be made available for fiscal year 2024,  
13 \$1,000,000,000, to remain available until expended, shall  
14 be made available for fiscal year 2025, and  
15 \$1,000,000,000, to remain available until expended, shall  
16 be made available for fiscal year 2026: *Provided further*,  
17 That, of the amount made available under this heading  
18 in this Act to carry out section 6702 of title 49, United  
19 States Code, \$1,500,000,000, to remain available until  
20 September 30, 2026, shall be made available for fiscal  
21 year 2022, \$1,500,000,000, to remain until September 30,  
22 2027, shall be made available for fiscal year 2023,  
23 \$1,500,000,000, to remain available until September 30,  
24 2028, shall be made available for fiscal year 2024,  
25 \$1,500,000,000, to remain available until September 30,

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1 2029, shall be made available for fiscal year 2025, and  
2 \$1,500,000,000, to remain available September 30, 2030,  
3 shall be made available for fiscal year 2026: *Provided fur-*  
4 *ther*, That projects conducted using funds provided under  
5 this heading must comply with the requirements of sub-  
6 chapter IV of chapter 31 of title 40, United States Code:  
7 *Provided further*, That such amount is designated by the  
8 Congress as being for an emergency requirement pursuant  
9 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
10 the concurrent resolution on the budget for fiscal year  
11 2018, and pursuant to section 251(b) of the Balanced  
12 Budget and Emergency Deficit Control Act of 1985.

13           SAFE STREETS AND ROADS FOR ALL GRANTS

14           For an additional amount for “Safe Streets and  
15 Roads for All Grants”, \$5,000,000,000, to remain avail-  
16 able until expended, for competitive grants, as authorized  
17 under section 9112 of division A of this Act: *Provided*,  
18 That \$1,000,000,000, to remain available until expended,  
19 shall be made available for fiscal year 2022,  
20 \$1,000,000,000, to remain available until expended, shall  
21 be made available for fiscal year 2023, \$1,000,000,000,  
22 to remain available until expended, shall be made available  
23 for fiscal year 2024, \$1,000,000,000, to remain available  
24 until expended, shall be made available for fiscal year  
25 2025, and \$1,000,000,000, to remain available until ex-

2459

1 pending, shall be made available for fiscal year 2026: *Pro-*  
2 *vided further*, That the Secretary shall issue a notice of  
3 funding opportunity not later than 180 days after each  
4 date upon which funds are made available under the pre-  
5 ceding proviso: *Provided further*, That the Secretary shall  
6 make awards not later than 270 days after issuing the  
7 notices of funding opportunity required under the pre-  
8 ceding proviso: *Provided further*, That such amount is des-  
9 ignated by the Congress as being for an emergency re-  
10 quirement pursuant to section 4112(a) of H. Con. Res.  
11 71 (115th Congress), the concurrent resolution on the  
12 budget for fiscal year 2018, and to section 251(b) of the  
13 Balanced Budget and Emergency Deficit Control Act of  
14 1985.

15 NATIONAL CULVERT REMOVAL, REPLACEMENT, AND  
16 RESTORATION GRANTS

17 For an additional amount for “National Culvert Re-  
18 moval, Replacement, and Restoration Grants”,  
19 \$1,000,000,000, to remain available until expended, as au-  
20 thorized by section 6203 of title 49, United States Code:  
21 *Provided*, That \$200,000,000, to remain available until  
22 expended, shall be made available for fiscal year 2022,  
23 \$200,000,000, to remain available until expended, shall be  
24 made available for fiscal year 2023, \$200,000,000, to re-  
25 main available until expended, shall be made available for

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1 fiscal year 2024, \$200,000,000, to remain available until  
2 expended, shall be made available for fiscal year 2025, and  
3 \$200,000,000, to remain available until expended, shall be  
4 made available for fiscal year 2026: *Provided further*, That  
5 such amount is designated by the Congress as being for  
6 an emergency requirement pursuant to section 4112(a) of  
7 H. Con. Res. 71 (115th Congress), the concurrent resolu-  
8 tion on the budget for fiscal year 2018, and to section  
9 251(b) of the Balanced Budget and Emergency Deficit  
10 Control Act of 1985.

11 STRENGTHENING MOBILITY AND REVOLUTIONIZING

12 TRANSPORTATION GRANT PROGRAM

13 For an additional amount for “Strengthening Mobil-  
14 ity and Revolutionizing Transportation Grant Program”,  
15 \$500,000,000, to remain available until expended, as au-  
16 thorized by section 10005 of division A of this Act: *Pro-*  
17 *vided*, That \$100,000,000, to remain available until ex-  
18 pended, shall be made available for fiscal year 2022,  
19 \$100,000,000, to remain available until expended, shall be  
20 made available for fiscal year 2023, \$100,000,000, to re-  
21 main available until expended, shall be made available for  
22 fiscal year 2024, \$100,000,000, to remain available until  
23 expended, shall be made available for fiscal year 2025, and  
24 \$100,000,000, to remain available until expended, shall be  
25 made available for fiscal year 2026: *Provided further*, That

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1 such amount is designated by the Congress as being for  
2 an emergency requirement pursuant to section 4112(a) of  
3 H. Con. Res. 71 (115th Congress), the concurrent resolu-  
4 tion on the budget for fiscal year 2018, and to section  
5 251(b) of the Balanced Budget and Emergency Deficit  
6 Control Act of 1985.

7 ADMINISTRATIVE PROVISIONS—OFFICE OF THE  
8 SECRETARY OF TRANSPORTATION  
9 (INCLUDING TRANSFER OF FUNDS)

10 SEC. 801. (a) Amounts made available to the Sec-  
11 retary of Transportation or the Department of Transpor-  
12 tation’s Operating Administrations in this title in this Act  
13 and in section 117 of title 23, United States Code, for  
14 fiscal years 2022 through 2026 for the costs of award,  
15 administration, or oversight of financial assistance under  
16 the programs administered by the Office of Multimodal  
17 Infrastructure and Freight may be transferred to an “Of-  
18 fice of Multimodal Infrastructure and Freight” account,  
19 to remain available until expended, for the necessary ex-  
20 penses of award, administration, or oversight of any dis-  
21 cretionary financial assistance programs funded under this  
22 title in this Act or division A of this Act: *Provided*, That  
23 one-half of one percent of the amounts transferred pursu-  
24 ant to the authority in this section in each of fiscal years  
25 2022 through 2026 shall be transferred to the Office of

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1 Inspector General of the Department of Transportation  
2 for oversight of funding provided to the Department of  
3 Transportation in this title in this Act: *Provided further*,  
4 That the amount provided by this section is designated  
5 by the Congress as being for an emergency requirement  
6 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
7 Congress), the concurrent resolution on the budget for fis-  
8 cal year 2018, and to section 251(b) of the Balanced  
9 Budget and Emergency Deficit Control Act of 1985.

10 (b) In addition to programs identified in section  
11 118(d) of title 49, United States Code, the Office of  
12 Multimodal Infrastructure and Freight shall administer,  
13 with support from the Department's Operating Adminis-  
14 trations, the following financial assistance programs—

15 (1) the national infrastructure projects program  
16 under section 6701 of title 49, United States Code;

17 (2) the local and regional projects program  
18 under section 6702 of title 49, United States Code;

19 (3) the strengthening mobility and revolution-  
20 izing transportation grant program under section  
21 10005 of division A of this Act;

22 (4) the nationally significant freight and high-  
23 ways projects under section 117 of title 23, United  
24 States code;

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1 (5) the national culvert removal, replacement,  
2 and restoration grant program under section 6203  
3 of title 49, United States Code; and

4 (6) other discretionary financial assistance pro-  
5 grams that the Secretary determines should be ad-  
6 ministered by the Office of Multimodal Infrastruc-  
7 ture and Freight, subject to the approval of the  
8 House and Senate Committees on Appropriations as  
9 required under section 405 of Division L of the Con-  
10 solidated Appropriations Act, 2021.

11 FEDERAL AVIATION ADMINISTRATION

12 FACILITIES AND EQUIPMENT

13 For an additional amount for “Facilities and Equip-  
14 ment”, \$5,000,000,000, to remain available until ex-  
15 pended: *Provided*, That \$1,000,000,000, to remain avail-  
16 able until expended, shall be made available for fiscal year  
17 2022, \$1,000,000,000, to remain available until expended,  
18 shall be made available for fiscal year 2023,  
19 \$1,000,000,000, to remain available until expended, shall  
20 be made available for fiscal year 2024, \$1,000,000,000,  
21 to remain available until expended, shall be made available  
22 for fiscal year 2025, and \$1,000,000,000, to remain avail-  
23 able until expended, shall be made available for fiscal year  
24 2026: *Provided further*, That amounts made available  
25 under this heading in this Act shall be derived from the

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1 general fund of the Treasury: *Provided further*, That funds  
2 provided under this heading in this Act shall be for: (1)  
3 replacing terminal and en route air traffic control facili-  
4 ties; (2) improving air route traffic control center and  
5 combined control facility buildings; (3) improving air traf-  
6 fic control en route radar facilities; (4) improving air traf-  
7 fic control tower and terminal radar approach control fa-  
8 cilities; (5) national airspace system facilities OSHA and  
9 environmental standards compliance; (6) landing and  
10 navigational aids; (7) fuel storage tank replacement and  
11 management; (8) unstaffed infrastructure sustainment;  
12 (9) real property disposition; (10) electrical power system  
13 sustain and support; (11) energy maintenance and compli-  
14 ance; (12) hazardous materials management and environ-  
15 mental cleanup; (13) facility security risk management;  
16 (14) mobile asset management program; and (15) admin-  
17 istrative expenses, including salaries and expenses, admin-  
18 istration, and oversight: *Provided further*, That not less  
19 than \$200,000,000 of the funds made available under this  
20 heading in this Act shall be for air traffic control towers  
21 that are owned by the Federal Aviation Administration  
22 and staffed through the contract tower program: *Provided*  
23 *further*, That not later than 90 days after the date of en-  
24 actment of this Act, the Secretary of Transportation shall  
25 submit to the House and Senate Committees on Appro-



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1 priations a detailed spend plan, including a list of project  
2 locations of air traffic control towers and contract towers,  
3 to be funded for fiscal year 2022: *Provided further*, That  
4 for each fiscal year through 2026, as part of the annual  
5 budget submission of the President under section 1105(a)  
6 of title 31, United States Code, the Secretary of Transpor-  
7 tation shall submit a detailed spend plan for funding that  
8 will be made available under this heading in the upcoming  
9 fiscal year, including a list of projects for replacing facili-  
10 ties that are owned by the Federal Aviation Administra-  
11 tion, including air traffic control towers that are staffed  
12 through the contract tower program: *Provided further*,  
13 That such amount is designated by the Congress as being  
14 for an emergency requirement pursuant to section 4112(a)  
15 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
16 lution on the budget for fiscal year 2018, and to section  
17 251(b) of the Balanced Budget and Emergency Deficit  
18 Control Act of 1985.

19 AIRPORT INFRASTRUCTURE GRANTS

20 (INCLUDING TRANSFER OF FUNDS)

21 For an additional amount for “Airport Infrastructure  
22 Grants”, \$15,000,000,000, to remain available until Sep-  
23 tember 30, 2030: *Provided*, That \$3,000,000,000, to re-  
24 main available until September 30, 2026, shall be made  
25 available for fiscal year 2022, \$3,000,000,000, to remain

2466

1 available until September 30, 2027, shall be made avail-  
2 able for fiscal year 2023, \$3,000,000,000, to remain avail-  
3 able until September 30, 2028, shall be made available  
4 for fiscal year 2024, \$3,000,000,000, to remain available  
5 until September 30, 2029, shall be made available for fis-  
6 cal year 2025, and \$3,000,000,000, to remain available  
7 until September 30, 2030, shall be made available for fis-  
8 cal year 2026: *Provided further*, That amounts made avail-  
9 able under this heading in this Act shall be derived from  
10 the general fund of the Treasury: *Provided further*, That  
11 amounts made available under this heading in this Act  
12 shall be made available to sponsors of any airport eligible  
13 to receive grants under section 47115 of title 49, United  
14 States Code, for airport-related projects defined under sec-  
15 tion 40117(a)(3) of title 49, United States Code: *Provided*  
16 *further*, That of the funds made available under this head-  
17 ing in this Act, in each of fiscal years 2022 through  
18 2026—

19 (1) Not more than \$2,480,000,000 shall be  
20 available for primary airports as defined in section  
21 47102(16) of title 49, United States Code, and cer-  
22 tain cargo airports: *Provided*, That such funds shall  
23 not be subject to the reduced apportionments of sec-  
24 tion 47114(f) of title 49, United States Code: *Pro-*  
25 *vided further*, That such funds shall first be appor-

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1 tioned as set forth in sections 47114(c)(1)(A),  
2 47114(c)(1)(C)(i), 47114(c)(1)(C)(ii),  
3 47114(c)(2)(A), 47114(c)(2)(B), and  
4 47114(c)(2)(E), 47114(c)(1)(J) of title 49, United  
5 States Code: *Provided further*, That there shall be no  
6 maximum apportionment limit: *Provided further*,  
7 That any remaining funds after such apportionment  
8 shall be distributed to all sponsors of primary air-  
9 ports (as defined in section 47102(16) of title 49,  
10 United States Code) based on each such airport's  
11 passenger enplanements compared to total passenger  
12 enplanements of all airports defined in section  
13 47102(16) of title 49, United States Code, for cal-  
14 endar year 2019 in fiscal years 2022 and 2023 and  
15 thereafter for the most recent calendar year  
16 enplanements upon which the Secretary has appor-  
17 tioned funds pursuant to section 47114(c) of title  
18 49, United States Code;

19 (2) Not more than \$500,000,000 shall be for  
20 general aviation and commercial service airports that  
21 are not primary airports as defined in paragraphs  
22 (7), (8), and (16) of section 47102 of title 49,  
23 United States Code: *Provided*, That the Secretary of  
24 Transportation shall apportion the remaining funds  
25 to each non-primary airport based on the categories

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1 published in the most current National Plan of Inte-  
2 grated Airport Systems, reflecting the percentage of  
3 the aggregate published eligible development costs  
4 for each such category, and then dividing the allo-  
5 cated funds evenly among the eligible airports in  
6 each category, rounding up to the nearest thousand  
7 dollars: *Provided further*, That any remaining funds  
8 under this paragraph in this Act shall be distributed  
9 as described in paragraph (3) in this proviso under  
10 this heading in this Act; and

11 (3) \$20,000,000 for the Secretary of Transpor-  
12 tation to make competitive grants to sponsors of air-  
13 ports participating in the contract tower program  
14 and the contract tower cost share program under  
15 section 47124 of title 49, United States Code to: (1)  
16 sustain, construct, repair, improve, rehabilitate,  
17 modernize, replace or relocate nonapproach control  
18 towers; (2) acquire and install air traffic control,  
19 communications, and related equipment to be used  
20 in those towers; and (3) construct a remote tower  
21 certified by the Federal Aviation Administration, in-  
22 cluding acquisition and installation of air traffic con-  
23 trol, communications, or related equipment: *Pro-*  
24 *vided*, That the Federal Aviation Administration  
25 shall give priority consideration to projects that en-

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1       hance aviation safety and improve air traffic effi-  
2       ciency: *Provided further*, That the Federal share of  
3       the costs for which a grant is made under this para-  
4       graph shall be 100 percent:

5       *Provided further*, That any funds made available in a given  
6       fiscal year that remain unobligated at the end of the  
7       fourth fiscal year after which they were first made avail-  
8       able for obligation shall be made available in the fifth fis-  
9       cal year after which they were first made available for obli-  
10      gation to the Secretary for competitive grants: *Provided*  
11     *further*, That of the amounts made available to the Sec-  
12     retary for competitive grants under the preceding proviso,  
13     the Secretary shall first provide up to \$100,000,000, as  
14     described in paragraph (3) of the fourth proviso, and any  
15     remaining unobligated balances in excess of that amount  
16     shall be available to the Secretary for competitive grants  
17     otherwise eligible under the third proviso that reduce air-  
18     port emissions, reduce noise impact to the surrounding  
19     community, reduce dependence on the electrical grid, or  
20     provide general benefits to the surrounding community:

21     *Provided further*, That none of the amounts made available  
22     under this heading in this Act may be used to pay for  
23     airport debt service: *Provided further*, That a grant made  
24     from funds made available under this heading in this Act  
25     shall be treated as having been made pursuant to the Sec-

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1 retary's authority under section 47104(a) of title 49,  
2 United States Code: *Provided further*, That up to 3 per-  
3 cent of the amounts made available under this heading  
4 in this Act in each of fiscal years 2022 through 2026 shall  
5 be for personnel, contracting, and other costs to admin-  
6 ister and oversee grants, of which \$1,000,000 in each fis-  
7 cal year shall be transferred to the Office of Inspector  
8 General of the Department of Transportation for oversight  
9 of funding provided to the Department of Transportation  
10 in this title in this Act: *Provided further*, That the Federal  
11 share of the costs of a project under paragraphs (1) and  
12 (2) of the fourth proviso under this heading shall be the  
13 percent for which a project for airport development would  
14 be eligible under section 47109 of title 49, United States  
15 Code: *Provided further*, That obligations of funds under  
16 this heading in this Act shall not be subject to any limita-  
17 tions on obligations provided in any Act making annual  
18 appropriations: *Provided further*, That such amount is des-  
19 ignated by the Congress as being for an emergency re-  
20 quirement pursuant to section 4112(a) of H. Con. Res.  
21 71 (115th Congress), the concurrent resolution on the  
22 budget for fiscal year 2018, and to section 251(b) of the  
23 Balanced Budget and Emergency Deficit Control Act of  
24 1985.

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1 AIRPORT TERMINAL PROGRAM

2 (INCLUDING TRANSFER OF FUNDS)

3 For an additional amount for “Airport Terminal Pro-  
4 gram”, \$5,000,000,000, to remain available until Sep-  
5 tember 30, 2030, for the Secretary of Transportation to  
6 provide competitive grants for airport terminal develop-  
7 ment projects that address the aging infrastructure of the  
8 nation’s airports: *Provided*, That \$1,000,000,000, to re-  
9 main available until September 30, 2026, shall be made  
10 available for fiscal year 2022, \$1,000,000,000, to remain  
11 available until September 30, 2027, shall be made avail-  
12 able for fiscal year 2023, \$1,000,000,000, to remain avail-  
13 able until September 30, 2028, shall be made available  
14 for fiscal year 2024, \$1,000,000,000, to remain available  
15 until September 30, 2029, shall be made available for fis-  
16 cal year 2025, and \$1,000,000,000, to remain available  
17 until September 30, 2030, shall be made available for fis-  
18 cal year 2026: *Provided further*, That amounts made avail-  
19 able under this heading in this Act shall be derived from  
20 the general fund of the Treasury: *Provided further*, That  
21 the Secretary shall issue a notice of funding opportunity  
22 not later than 60 days after the date of enactment of this  
23 Act: *Provided further*, That of the funds made available  
24 under this heading in this Act, not more than 55 percent  
25 shall be for large hub airports, not more than 15 percent

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1 shall be for medium hub airports, not more than 20 per-  
2 cent shall be for small hub airports, and not less than 10  
3 percent shall be for nonhub and nonprimary airports: *Pro-*  
4 *vided further*, That in awarding grants for terminal devel-  
5 opment projects from funds made available under this  
6 heading in this Act, the Secretary may consider projects  
7 that qualify as “terminal development” (including  
8 multimodal terminal development), as that term is defined  
9 in 49 U.S.C. §47102(28), projects for on-airport rail ac-  
10 cess projects as set forth in Passenger Facility Charge  
11 (PFC) Update 75–21, and projects for relocating, recon-  
12 structing, repairing, or improving an airport-owned air  
13 traffic control tower: *Provided further*, That in awarding  
14 grants for terminal development projects from funds made  
15 available under this heading in this Act, the Secretary  
16 shall give consideration to projects that increase capacity  
17 and passenger access; projects that replace aging infra-  
18 structure; projects that achieve compliance with the Amer-  
19 icans with Disabilities Act and expand accessibility for  
20 persons with disabilities; projects that improve airport ac-  
21 cess for historically disadvantaged populations; projects  
22 that improve energy efficiency, including upgrading envi-  
23 ronmental systems, upgrading plant facilities, and achiev-  
24 ing Leadership in Energy and Environmental Design  
25 (LEED) accreditation standards; projects that improve



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1 airfield safety through terminal relocation; and projects  
2 that encourage actual and potential competition: *Provided*  
3 *further*, That the Federal share of the cost of a project  
4 carried out from funds made available under this heading  
5 in this Act shall be 80 percent for large and medium hub  
6 airports and 95 percent for small hub, nonhub, and non-  
7 primary airports: *Provided further*, That a grant made  
8 from funds made available under this heading in this Act  
9 shall be treated as having been made pursuant to the Sec-  
10 retary's authority under section 47104(a) of title 49,  
11 United States Code: *Provided further*, That the Secretary  
12 may provide grants from funds made available under this  
13 heading in this Act for a project at any airport that is  
14 eligible to receive a grant from the discretionary fund  
15 under section 47115(a) of title 49, United States Code:  
16 *Provided further*, That in making awards from funds made  
17 available under this heading in this Act, the Secretary  
18 shall provide a preference to projects that achieve a com-  
19 plete development objective, even if awards for the project  
20 must be phased, and the Secretary shall prioritize projects  
21 that have received partial awards: *Provided further*, That  
22 up to 3 percent of the amounts made available under this  
23 heading in this Act in each fiscal year shall be for per-  
24 sonnel, contracting and other costs to administer and over-  
25 see grants, of which \$1,000,000 in each fiscal year shall

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1 be transferred to the Office of Inspector General of the  
2 Department of Transportation for oversight of funding  
3 provided to the Department of Transportation in this title  
4 in this Act: *Provided further*, That such amount is des-  
5 ignated by the Congress as being for an emergency re-  
6 quirement pursuant to section 4112(a) of H. Con. Res.  
7 71 (115th Congress), the concurrent resolution on the  
8 budget for fiscal year 2018, and to section 251(b) of the  
9 Balanced Budget and Emergency Deficit Control Act of  
10 1985.

11           FEDERAL HIGHWAY ADMINISTRATION  
12           HIGHWAY INFRASTRUCTURE PROGRAM  
13           (INCLUDING TRANSFER OF FUNDS)

14       For an additional amount for “Highway Infrastruc-  
15 ture Programs”, \$47,272,000,000, to remain available  
16 until expended except as otherwise provided under this  
17 heading: *Provided*, That of the amount provided under  
18 this heading in this Act, \$9,454,400,000, to remain avail-  
19 able until September 30, 2025, shall be made available  
20 for fiscal year 2022, \$9,454,400,000, to remain available  
21 until September 30, 2026, shall be made available for fis-  
22 cal year 2023, \$9,454,400,000, to remain available until  
23 September 30, 2027, shall be made available for fiscal  
24 year 2024, \$9,454,400,000, to remain available until Sep-  
25 tember 30, 2028, shall be made available for fiscal year

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1 2025, and \$9,454,400,000, to remain available until Sep-  
2 tember 30, 2029, shall be made available for fiscal year  
3 2026: *Provided further*, That the funds made available  
4 under this heading in this Act shall be derived from the  
5 general fund of the Treasury, shall be in addition to any  
6 other amounts made available for such purpose, and shall  
7 not affect the distribution or amount of funds provided  
8 in any Act making annual appropriations: *Provided fur-*  
9 *ther*, That, except for funds provided in paragraph (1)  
10 under this heading in this Act, up to 1.5 percent of the  
11 amounts made available under this heading in this Act in  
12 each of fiscal years 2022 through 2026 shall be for oper-  
13 ations and administrations of the Federal Highway Ad-  
14 ministration, of which \$1,000,000 in each fiscal year shall  
15 be transferred to the Office of the Inspector General of  
16 the Department of Transportation for oversight of funding  
17 provided to the Department of Transportation in this title  
18 in this Act: *Provided further*, That the amounts made  
19 available in the preceding proviso may be combined with  
20 the funds made available in paragraph (1) under this  
21 heading in this Act for the same purposes in the same  
22 account: *Provided further*, That the funds made available  
23 under this heading in this Act shall not be subject to any  
24 limitation on obligations for Federal-aid highways or high-  
25 way safety construction programs set forth in any Act

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1 making annual appropriations: *Provided further*, That, of  
2 the amount provided under this heading in this Act, the  
3 following amounts shall be for the following purposes in  
4 equal amounts for each of fiscal years 2022 through  
5 2026—

6           (1) \$27,500,000,000 shall be for a bridge re-  
7 placement, rehabilitation, preservation, protection,  
8 and construction program: *Provided further*, That,  
9 except as otherwise provided under this paragraph in  
10 this Act, the funds made available under this para-  
11 graph in this Act shall be administered as if appor-  
12 tioned under chapter 1 of title 23, United States  
13 Code: *Provided further*, That a project funded with  
14 funds made available under this paragraph in this  
15 Act shall be treated as a project on a Federal-aid  
16 highway: *Provided further*, That, of the funds made  
17 available under this paragraph in this Act for a fis-  
18 cal year, 3 percent shall be set aside to carry out  
19 section 202(d) of title 23, United States Code: *Pro-*  
20 *vided further*, That funds set aside under the pre-  
21 ceding proviso to carry out section 202(d) of such  
22 title shall be in addition to funds otherwise made  
23 available to carry out such section and shall be ad-  
24 ministered as if made available under such section:  
25 *Provided further*, That for funds set aside under the

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1 third proviso of this paragraph in this Act to carry  
2 out section 202(d) of title 23, United States Code,  
3 the Federal share of the costs shall be 100 percent:  
4 *Provided further*, That, for the purposes of funds  
5 made available under this paragraph in this Act: (1)  
6 the term “State” has the meaning given such term  
7 in section 101 of title 23, United States Code; (2)  
8 the term “off-system bridge” means a highway  
9 bridge located on a public road, other than a bridge  
10 on a Federal-aid highway; and (3) the term “Fed-  
11 eral-aid highway” means a public highway eligible  
12 for assistance under chapter 1 of title 23, United  
13 States Code, other than a highway functionally clas-  
14 sified as a local road or rural minor collector: *Pro-*  
15 *vided further*, That up to one-half of one percent of  
16 the amounts made available under this paragraph in  
17 this Act in each fiscal year shall be for the adminis-  
18 tration and operations of the Federal Highway Ad-  
19 ministration: *Provided further*, That, after setting  
20 aside funds under the third proviso of this para-  
21 graph in this Act the Secretary shall distribute the  
22 remaining funds made available under this para-  
23 graph in this Act among States as follows—  
24 (A) 75 percent by the proportion that the  
25 total cost of replacing all bridges classified in

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1 poor condition in such State bears to the sum  
2 of the total cost to replace all bridges classified  
3 in poor condition in all States; and

4 (B) 25 percent by the proportion that the  
5 total cost of rehabilitating all bridges classified  
6 in fair condition in such State bears to the sum  
7 of the total cost to rehabilitate all bridges clas-  
8 sified in fair condition in all States:

9 *Provided further*, That the amounts calculated under the  
10 preceding proviso shall be adjusted such that each State  
11 receives, for each of fiscal years 2022 through 2026, no  
12 less than \$50,000,000 under such proviso: *Provided fur-*  
13 *ther*, That the preceding proviso shall not apply to a State  
14 for which the amount estimated by the Federal Highway  
15 Administration in 2020 to replace all bridges in poor con-  
16 dition both on and off the National Highway System in  
17 the State is less than \$250,000,000: *Provided further*,  
18 That for purposes of the preceding 3 provisos, the Sec-  
19 retary shall determine replacement and rehabilitation  
20 costs based on the replacement unit costs of bridges in  
21 fiscal year 2020, as submitted by States to the Federal  
22 Highway Administration, as required by section 144(b)(5)  
23 of title 23, United States Code: *Provided further*, That for  
24 purposes of determining the distribution of funds to States  
25 under this paragraph in this Act, the Secretary shall cal-

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1 culate the total deck area of bridges classified as in poor  
2 or fair condition based on the National Bridge Inventory  
3 as of December 31, 2020: *Provided further*, That, subject  
4 to the following proviso, funds made available under this  
5 paragraph in this Act that are distributed to States shall  
6 be used for highway bridge replacement, rehabilitation,  
7 preservation, protection, or construction projects on public  
8 roads: *Provided further*, That of the funds made available  
9 under this paragraph in this Act that are distributed to  
10 a State, 15 percent shall be set aside for use on off-system  
11 bridges for the same purposes as described in the pre-  
12 ceding proviso: *Provided further*, That, except as provided  
13 in the following proviso, for funds made available under  
14 this paragraph in this Act that are distributed to States  
15 , the Federal share shall be determined in accordance with  
16 section 120 of title 23, United States Code: *Provided fur-*  
17 *ther*, That for funds made available under this paragraph  
18 in this Act that are distributed to States and used on an  
19 off-system bridge that is owned by a county, town, town-  
20 ship, city, municipality or other local agency, or federally-  
21 recognized Tribe the Federal share shall be 100 percent;  
22 (2) \$5,000,000,000, to remain available until  
23 expended for amounts made available for each of fis-  
24 cal years 2022 through 2026, shall be to carry out  
25 a National Electric Vehicle Formula Program (re-

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1       ferred to in this paragraph in this Act as the “Pro-  
2       gram”) to provide funding to States to strategically  
3       deploy electric vehicle charging infrastructure and to  
4       establish an interconnected network to facilitate data  
5       collection, access, and reliability: *Provided*, That  
6       funds made available under this paragraph in this  
7       Act shall be used for: (1) the acquisition and instal-  
8       lation of electric vehicle charging infrastructure to  
9       serve as a catalyst for the deployment of such infra-  
10      structure and to connect it to a network to facilitate  
11      data collection, access, and reliability; (2) proper op-  
12      eration and maintenance of electric vehicle charging  
13      infrastructure; and (3) data sharing about electric  
14      vehicle charging infrastructure to ensure the long-  
15      term success of investments made under this para-  
16      graph in this Act: *Provided further*, That for each of  
17      fiscal years 2022 through 2026, the Secretary shall  
18      distribute among the States the funds made avail-  
19      able under this paragraph in this Act so that each  
20      State receives an amount equal to the proportion  
21      that the total base apportionment or allocation de-  
22      termined for the State under subsection (c) of sec-  
23      tion 104 or under section 165 of title 23, United  
24      States Code, bears to the total base apportionments  
25      or allocations for all States under subsection (c) of



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1 section 104 and section 165 of title 23, United  
2 States Code: *Provided further*, That the Federal  
3 share payable for the cost of a project funded under  
4 this paragraph in this Act shall be 80 percent: *Pro-*  
5 *vided further*, That the Secretary shall establish a  
6 deadline by which a State shall provide a plan to the  
7 Secretary, in such form and such manner that the  
8 Secretary requires (to be made available on the De-  
9 partment's website), describing how such State in-  
10 tends to use funds distributed to the State under  
11 this paragraph in this Act to carry out the Program  
12 for each fiscal year in which funds are made avail-  
13 able: *Provided further*, That, not later than 120 days  
14 after the deadline established in the preceding pro-  
15 viso, the Secretary shall make publicly available on  
16 the Department's website and submit to the House  
17 Committee on Transportation and Infrastructure,  
18 the Senate Committee on Environment and Public  
19 Works, and the House and Senate Committees on  
20 Appropriations, a report summarizing each plan sub-  
21 mitted by a State to the Department of Transpor-  
22 tation and an assessment of how such plans make  
23 progress towards the establishment of a national  
24 network of electric vehicle charging infrastructure:  
25 *Provided further*, That if a State fails to submit the

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1 plan required under the fourth proviso of this para-  
2 graph in this Act to the Secretary by the date speci-  
3 fied in such proviso, or if the Secretary determines  
4 a State has not taken action to carry out its plan,  
5 the Secretary may withhold or withdraw, as applica-  
6 ble, funds made available under this paragraph in  
7 this Act for the fiscal year from the State and award  
8 such funds on a competitive basis to local jurisdic-  
9 tions within the State for use on projects that meet  
10 the eligibility requirements under this paragraph in  
11 this Act: *Provided further*, That, prior to the Sec-  
12 retary making a determination that a State has not  
13 taken actions to carry out its plan, the Secretary  
14 shall notify the State, consult with the State, and  
15 identify actions that can be taken to rectify con-  
16 cerns, and provide at least 90 days for the State to  
17 rectify concerns and take action to carry out its  
18 plan: *Provided further*, That the Secretary shall pro-  
19 vide notice to a State on the intent to withhold or  
20 withdraw funds not less than 60 days before with-  
21 holding or withdrawing any funds, during which  
22 time the States shall have an opportunity to appeal  
23 a decision to withhold or withdraw funds directly to  
24 the Secretary: *Provided further*, That if the Sec-  
25 retary determines that any funds withheld or with-

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1 drawn from a State under the preceding proviso can-  
2 not be fully awarded to local jurisdictions within the  
3 State under the preceding proviso in a manner con-  
4 sistent with the purpose of this paragraph in this  
5 Act, any such funds remaining shall be distributed  
6 among other States (except States for which funds  
7 for that fiscal year have been withheld or withdrawn  
8 under the preceding proviso) in the same manner as  
9 funds distributed for that fiscal year under the sec-  
10 ond proviso under this paragraph in this Act, except  
11 that the ratio shall be adjusted to exclude States for  
12 which funds for that fiscal year have been withheld  
13 or withdrawn under the preceding proviso: *Provided*  
14 *further*, That funds distributed under the preceding  
15 proviso shall only be available to carry out this para-  
16 graph in this Act: *Provided further*, That funds  
17 made available under this paragraph in this Act may  
18 be used to contract with a private entity for acquisi-  
19 tion and installation of publicly accessible electric ve-  
20 hicle charging infrastructure and the private entity  
21 may pay the non-Federal share of the cost of a  
22 project funded under this paragraph: *Provided fur-*  
23 *ther*, That funds made available under this para-  
24 graph in this Act shall be for projects directly re-  
25 lated to the charging of a vehicle and only for elec-

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1        tric vehicle charging infrastructure that is open to  
2        the general public or to authorized commercial  
3        motor vehicle operators from more than one com-  
4        pany: *Provided further*, That any electric vehicle  
5        charging infrastructure acquired or installed with  
6        funds made available under this paragraph in this  
7        Act shall be located along a designated alternative  
8        fuel corridor: *Provided further*, That no later than  
9        90 days after the date of enactment of this Act, the  
10       Secretary of Transportation, in coordination with  
11       the Secretary of Energy, shall develop guidance for  
12       States and localities to strategically deploy electric  
13       vehicle charging infrastructure, consistent with this  
14       paragraph in this Act: *Provided further*, That the  
15       Secretary of Transportation, in coordination with  
16       the Secretary of Energy, shall consider the following  
17       in developing the guidance described in the pre-  
18       ceding proviso: (1) the distance between publicly  
19       available electric vehicle charging infrastructure; (2)  
20       connections to the electric grid, including electric  
21       distribution upgrades; vehicle-to-grid integration, in-  
22       cluding smart charge management or other protocols  
23       that can minimize impacts to the grid; alignment  
24       with electric distribution interconnection processes,  
25       and plans for the use of renewable energy sources to

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1 power charging and energy storage; (3) the prox-  
2 imity of existing off-highway travel centers, fuel re-  
3 tailers, and small businesses to electric vehicle  
4 charging infrastructure acquired or funded under  
5 this paragraph in this Act; (4) the need for publicly  
6 available electric vehicle charging infrastructure in  
7 rural corridors and underserved or disadvantaged  
8 communities; (5) the long-term operation and main-  
9 tenance of publicly available electric vehicle charging  
10 infrastructure to avoid stranded assets and protect  
11 the investment of public funds in that infrastruc-  
12 ture; (6) existing private, national, State, local, Trib-  
13 al, and territorial government electric vehicle charg-  
14 ing infrastructure programs and incentives; (7) fos-  
15 tering enhanced, coordinated, public-private or pri-  
16 vate investment in electric vehicle charging infra-  
17 structure; (8) meeting current and anticipated mar-  
18 ket demands for electric vehicle charging infrastruc-  
19 ture, including with regard to power levels and  
20 charging speed, and minimizing the time to charge  
21 current and anticipated vehicles; and (9) any other  
22 factors, as determined by the Secretary: *Provided*  
23 *further*, That if a State determines, and the Sec-  
24 retary certifies, that the designated alternative fuel  
25 corridors in the States are fully built out, then the

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1 State may use funds provided under this paragraph  
2 for electric vehicle charging infrastructure on any  
3 public road or in other publically accessible loca-  
4 tions, such as parking facilities at public buildings,  
5 public schools, and public parks, or in publically ac-  
6 cessible parking facilities owned or managed by a  
7 private entity: *Provided further*, That subject to the  
8 minimum standards and requirements established  
9 under the following proviso, funds made available  
10 under this paragraph in this Act may be used for:  
11 (1) the acquisition or installation of electric vehicle  
12 charging infrastructure; (2) operating assistance for  
13 costs allocable to operating and maintaining electric  
14 vehicle charging infrastructure acquired or installed  
15 under this paragraph in this Act, for a period not  
16 to exceed five years; (3) the acquisition or installa-  
17 tion of traffic control devices located in the right-of-  
18 way to provide directional information to electric ve-  
19 hicle charging infrastructure acquired, installed, or  
20 operated under this paragraph in this Act; (4) on-  
21 premises signs to provide information about electric  
22 vehicle charging infrastructure acquired, installed, or  
23 operated under this paragraph in this Act; (5) devel-  
24 opment phase activities relating to the acquisition or  
25 installation of electric vehicle charging infrastruc-

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1       ture, as determined by the Secretary; or (6) map-  
2       ping and analysis activities to evaluate, in an area  
3       in the United States designated by the eligible enti-  
4       ty, the locations of current and future electric vehi-  
5       cle owners, to forecast commuting and travel pat-  
6       terns of electric vehicles and the quantity of elec-  
7       tricity required to serve electric vehicle charging sta-  
8       tions, to estimate the concentrations of electric vehi-  
9       cle charging stations to meet the needs of current  
10      and future electric vehicle drivers, to estimate future  
11      needs for electric vehicle charging stations to sup-  
12      port the adoption and use of electric vehicles in  
13      shared mobility solutions, such as micro-transit and  
14      transportation network companies, and to develop an  
15      analytical model to allow a city, county, or other po-  
16      litical subdivision of a State or a local agency to  
17      compare and evaluate different adoption and use  
18      scenarios for electric vehicles and electric vehicle  
19      charging stations: *Provided further*, That not later  
20      than 180 days after the date of enactment of this  
21      Act, the Secretary of Transportation, in coordination  
22      with the Secretary of Energy and in consultation  
23      with relevant stakeholders, shall, as appropriate, de-  
24      velop minimum standards and requirements related  
25      to: (1) the installation, operation, or maintenance by

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1 qualified technicians of electric vehicle charging in-  
2 frastructure under this paragraph in this Act; (2)  
3 the interoperability of electric vehicle charging infra-  
4 structure under this paragraph in this Act; (3) any  
5 traffic control device or on-premises sign acquired,  
6 installed, or operated under this paragraph in this  
7 Act; (4) any data requested by the Secretary related  
8 to a project funded under this paragraph in this Act,  
9 including the format and schedule for the submis-  
10 sion of such data; (5) network connectivity of elec-  
11 tric vehicle charging infrastructure; and (6) informa-  
12 tion on publicly available electric vehicle charging in-  
13 frastructure locations, pricing, real-time availability,  
14 and accessibility through mapping applications: *Pro-*  
15 *vided further*, That not later than 1 year after the  
16 date of enactment of this Act, the Secretary shall  
17 designate national electric vehicle charging corridors  
18 that identify the near- and long-term need for, and  
19 the location of, electric vehicle charging infrastruc-  
20 ture to support freight and goods movement at stra-  
21 tegic locations along major national highways, the  
22 National Highway Freight Network established  
23 under section 167 of title 23, United States Code,  
24 and goods movement locations including ports, inter-  
25 modal centers, and warehousing locations: *Provided*



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1       *further*, That the report issued under section 151(e)  
2       of title 23, United States Code, shall include a de-  
3       scription of efforts to achieve strategic deployment  
4       of electric vehicle charging infrastructure in electric  
5       vehicle charging corridors, including progress on the  
6       implementation of the Program under this para-  
7       graph in this Act: *Provided further*, That, for fiscal  
8       year 2022, before distributing funds made available  
9       under this paragraph in this Act to States, the Sec-  
10      retary shall set aside from funds made available  
11      under this paragraph in this Act to carry out this  
12      paragraph in this Act not more than \$300,000,000,  
13      which may be transferred to the Joint Office de-  
14      scribed in the twenty-fourth proviso of this para-  
15      graph in this Act, to establish such Joint Office and  
16      carry out its duties under this paragraph in this Act:  
17      *Provided further*, That, for each of fiscal years 2022  
18      through 2026, after setting aside funds under the  
19      preceding proviso, and before distributing funds  
20      made available under this paragraph in this Act to  
21      States, the Secretary shall set aside from funds  
22      made available under this paragraph in this Act for  
23      such fiscal year to carry out this paragraph in this  
24      Act 10 percent for grants to States or localities that  
25      require additional assistance to strategically deploy

2490

1 electric vehicle charging infrastructure: *Provided fur-*  
2 *ther*, That not later than 1 year after the date of en-  
3 actment of this Act, the Secretary shall establish a  
4 grant program to administer to States or localities  
5 the amounts set aside under the preceding proviso:  
6 *Provided further*, That, except as otherwise specified  
7 under this paragraph in this Act, funds made avail-  
8 able under this paragraph in this Act, other than  
9 funds transferred under the nineteenth proviso of  
10 this paragraph in this Act to the Joint Office, shall  
11 be administered as if apportioned under chapter 1 of  
12 title 23, United States Code: *Provided further*, That  
13 funds made available under this paragraph in this  
14 Act shall not be transferable under section 126 of  
15 title 23, United States Code: *Provided further*, That  
16 there is established a Joint Office of Energy and  
17 Transportation (referred to in this paragraph in this  
18 Act as the “Joint Office”) in the Department of  
19 Transportation and the Department of Energy to  
20 study, plan, coordinate, and implement issues of  
21 joint concern between the two agencies, which shall  
22 include: (1) technical assistance related to the de-  
23 ployment, operation, and maintenance of zero emis-  
24 sion vehicle charging and refueling infrastructure,  
25 renewable energy generation, vehicle-to-grid integra-

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1       tion, including microgrids, and related programs and  
2       policies; (2) data sharing of installation, mainte-  
3       nance, and utilization in order to continue to inform  
4       the network build out of zero emission vehicle charg-  
5       ing and refueling infrastructure; (3) performance of  
6       a national and regionalized study of zero emission  
7       vehicle charging and refueling infrastructure needs  
8       and deployment factors, to support grants for com-  
9       munity resilience and electric vehicle integration; (4)  
10      development and deployment of training and certifi-  
11      cation programs; (5) establishment and implementa-  
12      tion of a program to promote renewable energy gen-  
13      eration, storage, and grid integration, including  
14      microgrids, in transportation rights-of-way; (6)  
15      studying, planning, and funding for high-voltage dis-  
16      tributed current infrastructure in the rights-of way  
17      of the Interstate System and for constructing high-  
18      voltage and or medium-voltage transmission pilots in  
19      the rights-of-way of the Interstate System; (7) re-  
20      search, strategies, and actions under the Depart-  
21      ments' statutory authorities to reduce transpor-  
22      tation-related emissions and mitigate the effects of  
23      climate change; (8) development of a streamlined  
24      utility accommodations policy for high-voltage and  
25      medium-voltage transmission in the transportation

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1 right-of-way; and (9) any other issues that the Sec-  
2 retary of Transportation and the Secretary of En-  
3 ergy identify as issues of joint interest: *Provided fur-*  
4 *ther*, That the Joint Office of Energy and Transpor-  
5 tation shall establish and maintain a public data-  
6 base, accessible on both Department of Transpor-  
7 tation and Department of Energy websites, that in-  
8 cludes: (1) information maintained on the Alter-  
9 native Fuel Data Center by the Office of Energy Ef-  
10 ficiency and Renewable Energy of the Department of  
11 Energy with respect to the locations of electric vehi-  
12 cle charging stations; (2) potential locations for elec-  
13 tric vehicle charging stations identified by eligible  
14 entities through the program; and (3) the ability to  
15 sort generated results by various characteristics with  
16 respect to electric vehicle charging stations, includ-  
17 ing location, in terms of the State, city, or county;  
18 status (operational, under construction, or planned);  
19 and charging type, in terms of Level 2 charging  
20 equipment or Direct Current Fast Charging Equip-  
21 ment: *Provided further*, That the Secretary of Trans-  
22 portation and the Secretary of Energy shall coopera-  
23 tively administer the Joint Office consistent with  
24 this paragraph in this Act: *Provided further*, That  
25 the Secretary of Transportation and the Secretary of

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1 Energy may transfer funds between the Department  
2 of Transportation and the Department of Energy  
3 from funds provided under this paragraph in this  
4 Act to establish the Joint Office and to carry out its  
5 duties under this paragraph in this Act and any  
6 such funds or portions thereof transferred to the  
7 Joint Office may be transferred back to and merged  
8 with this account: *Provided further*, That the Sec-  
9 retary of Transportation and the Secretary of En-  
10 ergy shall notify the House and Senate Committees  
11 on Appropriations not less than 15 days prior to  
12 transferring any funds under the previous proviso:  
13 *Provided further*, That, notwithstanding section  
14 111(a) or (b) of title 23, United States Code, or the  
15 fee limitations in sections 137 or 142 of such title,  
16 the Secretary shall permit limited commercial activi-  
17 ties for charging of electric vehicles on rights-of-way  
18 of any Federal-aid highway, including highways on  
19 the Interstate System, including in: (1) a rest area;  
20 or (2) a fringe or corridor parking facility, including  
21 a park and ride facility: *Provided further*, That, for  
22 purposes of this paragraph in this Act, limited com-  
23 mercial activities for charging of electric vehicles at  
24 rest areas described in the preceding proviso may be  
25 located as follows: (1) except as otherwise provided

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1 in this proviso, a State may permit such limited  
2 commercial activity unless it is located within 5 trav-  
3 el miles of an existing facility that is located no  
4 more than 1 mile from the Interstate and that, as  
5 determined by the Secretary, provides substantially  
6 the same services to the public in sufficient capacity  
7 at the time such determination is made; (2) if a  
8 State demonstrates to the Secretary that there is in-  
9 sufficient capacity providing substantially the same  
10 services to the public at an existing facility located  
11 no more than 1 mile from the Interstate and within  
12 5 travel miles of a rest area, the Secretary may au-  
13 thorize the State to permit limited commercial ac-  
14 tivities for charging of electric vehicles within any  
15 distance of the existing facility; and (3) for purposes  
16 of this proviso, the type and amount of the electric  
17 vehicle service provided, including whether available  
18 technology meets current and projected needs, are  
19 relevant to a demonstration of sufficient capacity:  
20 *Provided further*, That nothing in the preceding two  
21 provisos shall permit commercial activities on rights-  
22 of-way of the Interstate System, except as necessary  
23 for the charging of electric vehicles in accordance  
24 with this paragraph in this Act: *Provided further*,  
25 That for the purposes of funds made available under

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1 this paragraph in this Act: (1) the term “State” has  
2 the meaning given such term in section 101 of title  
3 23, United States Code; and (2) the term “Federal-  
4 aid highway” means a public highway eligible for as-  
5 sistance under chapter 1 of title 23, United States  
6 Code, other than a highway functionally classified as  
7 a local road or rural minor collector: *Provided fur-*  
8 *ther*, That, of the funds made available in this divi-  
9 sion or division A of this Act for the Federal lands  
10 transportation program under section 203 of title  
11 23, United States Code, not less than \$7,000,000  
12 shall be made available for each Federal agency oth-  
13 erwise eligible to compete for amounts made avail-  
14 able under that section for each of fiscal years 2022  
15 through 2026;

16 (3) \$3,200,000,000 shall be to carry out the  
17 Nationally Significant Freight and Highway Projects  
18 program under section 117 of title 23, United States  
19 Code;

20 (4) \$9,235,000,000 shall be to carry out the  
21 Bridge Investment Program under section 124 of  
22 title 23, United States Code: *Provided*, That, of the  
23 funds made available under this paragraph in this  
24 Act for a fiscal year, \$20,000,000 shall be set aside  
25 to carry out section 202(d) of title 23, United States

2496

1 Code: *Provided further*, That, of the funds made  
2 available under this paragraph in this Act for a fis-  
3 cal year, \$20,000,000 shall be set aside to provide  
4 grants for planning, feasibility analysis, and revenue  
5 forecasting associated with the development of a  
6 project that would subsequently be eligible to apply  
7 for assistance under this paragraph: *Provided fur-*  
8 *ther*, That funds set aside under the preceding pro-  
9 viso to carry out section 202(d) of such title shall be  
10 in addition to funds otherwise made available to  
11 carry out such section and shall be administered as  
12 if made available under such section: *Provided fur-*  
13 *ther*, That for funds set aside under the first proviso  
14 of this paragraph in this Act to carry out section  
15 202(d) of title 23, United States Code, the Federal  
16 share of the costs shall be 100 percent;

17 (5) \$150,000,000 shall be to carry out the Re-  
18 duction of Truck Emissions at Port Facilities Pro-  
19 gram under section 1402 of division A of this Act:  
20 *Provided*, That, except as otherwise provided in sec-  
21 tion 1402 of division A of this Act, the funds made  
22 available under this paragraph in this Act shall be  
23 administered as if apportioned under chapter 1 of  
24 title 23, United States Code;



2497

1           (6) \$95,000,000, to remain available until ex-  
2           pended for amounts made available for each of fiscal  
3           years 2022 through 2026, shall be to carry out the  
4           University Transportation Centers Program under  
5           section 5505 of title 49, United States Code;

6           (7) \$500,000,000, to remain available until ex-  
7           pended for amounts made available for each of fiscal  
8           years 2022 through 2026, shall be to carry out the  
9           Reconnecting Communities Pilot Program (referred  
10          to under this paragraph in this Act as the “pilot  
11          program”) under section 1509 of division A of this  
12          Act, of which \$100,000,000 shall be for planning  
13          grants under [section 1509(c) of division A] of this  
14          Act and of which \$400,000,000 shall be available for  
15          capital construction grants under section 1509(d) of  
16          division A of this Act: *Provided*, That of the  
17          amounts made available under this paragraph in this  
18          Act for section 1509(c) of division A of this Act, the  
19          Secretary may use not more than \$15,000,000 dur-  
20          ing the period of fiscal years 2022 through 2026 to  
21          provide technical assistance under section 1509(c)(3)  
22          of division A of this Act: *Provided further*, That, ex-  
23          cept as otherwise provided in section 1509 of divi-  
24          sion A of this Act, amounts made available under  
25          this paragraph in this Act shall be administered as

2498

1 if made available under chapter 1 of title 23, United  
2 States Code;

3 (8) \$342,000,000, to remain available until ex-  
4 pended for amounts made available for each of fiscal  
5 years 2022 through 2026, shall be to carry out the  
6 Construction of Ferry Boats and Ferry Terminal  
7 Facilities program under section 147 of title 23,  
8 United States Code: *Provided*, That amounts made  
9 available under this paragraph in this Act shall be  
10 administered as if made available under section 147  
11 of title 23, United States Code; and

12 (9) \$1,250,000,000, to remain available until  
13 expended for amounts made available for each of fis-  
14 cal years 2022 through 2026, shall be for construc-  
15 tion of the Appalachian Development Highway Sys-  
16 tem as authorized under section 1069(y) of Public  
17 Law 102–240: *Provided*, That, for the purposes of  
18 funds made available under this paragraph in this  
19 Act for construction of the Appalachian Develop-  
20 ment Highway System, the term “Appalachian  
21 State” means a State that contains 1 or more coun-  
22 ties (including any political subdivision located with-  
23 in the area) in the Appalachian region, as defined in  
24 section 14102(a) of title 40, United States Code:  
25 *Provided further*, That a project carried out with

2499

1 funds made available under this paragraph in this  
2 Act for construction of the Appalachian Develop-  
3 ment Highway System shall be made available for  
4 obligation in the same manner as if apportioned  
5 under chapter 1 of title 23, United States Code, ex-  
6 cept that: (1) the Federal share of the cost of any  
7 project carried out with those amounts shall be de-  
8 termined in accordance with section 14501 of title  
9 40, United States Code; and (2) the amounts shall  
10 be available to construct highways and access roads  
11 under section 14501 of title 40, United States Code:  
12 *Provided further*, That, subject to the following pro-  
13 viso, in consultation with the Appalachian Regional  
14 Commission, the funds made available under this  
15 paragraph in this Act for construction of the Appa-  
16 lachian Development Highway System shall be ap-  
17 portioned to Appalachian States according to the  
18 percentages derived from the 2012 Appalachian De-  
19 velopment Highway System Cost-to-Complete Esti-  
20 mate, adopted in Appalachian Regional Commission  
21 Resolution Number 736, and confirmed as each Ap-  
22 palachian State's relative share of the estimated re-  
23 maining need to complete the Appalachian Develop-  
24 ment Highway System, adjusted to exclude those  
25 corridors that such States have no current plans to

2500

1 complete, as reported in the 2013 Appalachian De-  
2 velopment Highway System Completion Report, un-  
3 less those States have modified and assigned a high-  
4 er priority for completion of an Appalachian Devel-  
5 opment Highway System corridor, as reported in the  
6 2020 Appalachian Development Highway System  
7 Future Outlook: *Provided further*, That the Sec-  
8 retary shall adjust apportionments made under the  
9 preceding proviso so that no Appalachian State shall  
10 be apportioned an amount in excess of 30 percent of  
11 the amount made available for construction of the  
12 Appalachian Development Highway System under  
13 this heading: *Provided further*, That the Secretary  
14 shall adjust apportionments made under the pre-  
15 ceding proviso so that: (1) each State shall be appor-  
16 tioned an amount not less than \$20,000,000 for  
17 each of fiscal years 2022 through 2026; and (2) not-  
18 withstanding paragraph (1) of this proviso, a State  
19 shall not receive an apportionment that exceeds the  
20 remaining funds needed to complete the Appalachian  
21 development highway corridor or corridors in the  
22 State, as identified in the latest available cost to  
23 complete estimate for the system prepared by the  
24 Appalachian Regional Commission:

2501

1 *Provided further*, That such amount is designated by the  
2 Congress as being for an emergency requirement pursuant  
3 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
4 the concurrent resolution on the budget for fiscal year  
5 2018, and to section 251(b) of the Balanced Budget and  
6 Emergency Deficit Control Act of 1985.

7 FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION

8 MOTOR CARRIER SAFETY OPERATIONS AND PROGRAM

9 For an additional amount for “Motor Carrier Safety  
10 Operations and Program”, \$50,000,000, to remain avail-  
11 able until September 30, 2029, to carry out motor carrier  
12 safety operations and programs pursuant to section 31110  
13 of title 49, United States Code, in addition to amounts  
14 otherwise provided for such purpose: *Provided*, That  
15 \$10,000,000, to remain available until September 30,  
16 2025, shall be made available for fiscal year 2022,  
17 \$10,000,000, to remain available until September 30,  
18 2026, shall be made available for fiscal year 2023,  
19 \$10,000,000, to remain available until September 30,  
20 2027, shall be made available for fiscal year 2024,  
21 \$10,000,000, to remain available until September 30,  
22 2028, shall be made available for fiscal year 2025, and  
23 \$10,000,000, to remain available until September 30,  
24 2029, shall be made available for fiscal year 2026: *Pro-*  
25 *vided further*, That amounts made available under this

## 2502

1 heading in this Act shall be derived from the general fund  
2 of the Treasury, shall be in addition to any other amounts  
3 made available for such purpose, and shall not affect the  
4 distribution or amount of funds provided in any Act mak-  
5 ing annual appropriations: *Provided further*, That obliga-  
6 tions of funds under this heading in this Act shall not  
7 be subject to any limitations on obligations provided in  
8 any Act making annual appropriations: *Provided further*,  
9 That such amount is designated by the Congress as being  
10 for an emergency requirement pursuant to section 4112(a)  
11 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
12 lution on the budget for fiscal year 2018, and pursuant  
13 to section 251(b) of the Balanced Budget and Emergency  
14 Deficit Control Act of 1985.

## 15 MOTOR CARRIER SAFETY GRANTS

16 For an additional amount for “Motor Carrier Safety  
17 Grants”, \$622,500,000, to remain available until Sep-  
18 tember 30, 2029, to carry out sections 31102, 31103,  
19 31104, and 31313 of title 49, United States Code, in addi-  
20 tion to amounts otherwise provided for such purpose: *Pro-*  
21 *vided*, That \$124,500,000, to remain available until Sep-  
22 tember 30, 2025, shall be made available for fiscal year  
23 2022, \$124,500,000, to remain available until September  
24 30, 2026, shall be made available for fiscal year 2023,  
25 \$124,500,000, to remain available until September 30,

## 2503

1 2027, shall be made available for fiscal year 2024,  
2 \$124,500,000, to remain available until September 30,  
3 2028, shall be made available for fiscal year 2025, and  
4 \$124,500,000, to remain available until September 30,  
5 2029, shall be made available for fiscal year 2026: *Pro-*  
6 *vided further*, That, of the amounts provided under this  
7 heading in this Act, the following amounts shall be avail-  
8 able for the following purposes in equal amounts for each  
9 of fiscal years 2022 through 2026—

10 (1) up to \$400,000,000 shall be for the motor  
11 carrier safety assistance program;

12 (2) up to \$80,000,000 shall be for the commer-  
13 cial driver's license program implementation pro-  
14 gram;

15 (3) up to \$132,500,000 shall be for the high  
16 priority activities program; and

17 (4) up to \$10,000,000 shall be for commercial  
18 motor vehicle operators grants:

19 *Provided further*, That amounts made available under this  
20 heading in this Act shall be derived from the general fund  
21 of the Treasury, shall be in addition to any other amounts  
22 made available for such purpose, and shall not affect the  
23 distribution or amount of funds provided in any Act mak-  
24 ing annual appropriations: *Provided further*, That obliga-  
25 tions of funds under this heading in this Act shall not

2504

1 be subject to any limitations on obligations provided in  
2 any Act making annual appropriations: *Provided further*,  
3 That up to 1.5 percent of the amounts made available  
4 under this heading in this Act in each fiscal year shall  
5 be for oversight and administration: *Provided further*,  
6 That such amount is designated by the Congress as being  
7 for an emergency requirement pursuant to section 4112(a)  
8 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
9 lution on the budget for fiscal year 2018, and pursuant  
10 to section 251(b) of the Balanced Budget and Emergency  
11 Deficit Control Act of 1985.

12 NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

13 CRASH DATA

14 (INCLUDING TRANSFER OF FUNDS)

15 For an additional amount for “Crash Data”,  
16 \$750,000,000, to remain available until September 30,  
17 2029, to carry out section 9108 of division A of this Act:  
18 *Provided*, That \$150,000,000, to remain available until  
19 September 30, 2025, shall be made available for fiscal  
20 year 2022, \$150,000,000, to remain available until Sep-  
21 tember 30, 2026, shall be made available for fiscal year  
22 2023, \$150,000,000, to remain available until September  
23 30, 2027, shall be made available for fiscal year 2024,  
24 \$150,000,000, to remain available until September 30,  
25 2028, shall be made available for fiscal year 2025, and



2505

1 \$150,000,000, to remain available until September 30,  
2 2029, shall be made available for fiscal year 2026: *Pro-*  
3 *vided further*, That up to 5 percent of the amounts made  
4 available under this heading in this Act in each of fiscal  
5 years 2022 through 2026 shall be for salaries and ex-  
6 penses, administration, and oversight, and shall be trans-  
7 ferred and merged with the appropriations under the  
8 heading “Operations and Research”: *Provided further*,  
9 That not later than 90 days after the date of enactment  
10 of this Act, the Secretary of Transportation shall submit  
11 to the House and Senate Committees on Appropriations  
12 a funding allocation plan for fiscal year 2022: *Provided*  
13 *further*, That for each fiscal year through 2026, as part  
14 of the annual budget submission of the President under  
15 section 1105(a) of title 31, United States Code, the Sec-  
16 retary of Transportation shall submit a funding allocation  
17 plan for funding that will be made available under this  
18 heading in the upcoming fiscal year: *Provided further*,  
19 That such amount is designated by the Congress as being  
20 for an emergency requirement pursuant to section 4112(a)  
21 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
22 lution on the budget for fiscal year 2018, and pursuant  
23 to section 251(b) of the Balanced Budget and Emergency  
24 Deficit Control Act of 1985.

2506

1           VEHICLE SAFETY AND BEHAVIORAL RESEARCH  
2                           PROGRAMS  
3                           (INCLUDING TRANSFER OF FUNDS)

4           For an additional amount for “Vehicle Safety and  
5 Behavioral Research Programs”, \$548,500,000, to remain  
6 available until September 30, 2029, to carry out the provi-  
7 sions of section 403 of title 23, United States Code, in-  
8 cluding behavioral research on Automated Systems and  
9 Advanced Driver Assistance Systems and improving con-  
10 sumer responses to safety recalls, and chapter 303 of title  
11 49, United States Code, in addition to amounts otherwise  
12 provided for such purpose: *Provided*, That \$109,700,000,  
13 to remain available until September 30, 2025, shall be  
14 made available for fiscal year 2022, \$109,700,000, to re-  
15 main available until September 30, 2026, shall be made  
16 available for fiscal year 2023, \$109,700,000, to remain  
17 available until September 30, 2027, shall be made avail-  
18 able for fiscal year 2024, \$109,700,000, to remain avail-  
19 able until September 30, 2028, shall be made available  
20 for fiscal year 2025, and \$109,700,000 to remain available  
21 until September 30, 2029, shall be made available for fis-  
22 cal year 2026: *Provided further*, That amounts made avail-  
23 able under this heading in this Act shall be derived from  
24 the general fund of the Treasury: *Provided further*, That  
25 obligations of funds under this heading in this Act shall

2507

1 not be subject to any limitations on obligations provided  
2 in any Act making annual appropriations: *Provided fur-*  
3 *ther*, That of the amounts made available under this head-  
4 ing in this Act, up to \$350,000,000 may be transferred  
5 to “Operations and Research” to carry out traffic and  
6 highway safety authorized under chapter 301 and part C  
7 of subtitle VI of title 49, United States Code: *Provided*  
8 *further*, That not later than 90 days after the date of en-  
9 actment of this Act, the Secretary of Transportation shall  
10 submit to the House and Senate Committees on Appro-  
11 priations a funding allocation for fiscal year 2022: *Pro-*  
12 *vided further*, That for each fiscal year through 2026, as  
13 part of the annual budget submission of the President  
14 under section 1105(a) of title 31, United States Code, the  
15 Secretary of Transportation shall submit a funding alloca-  
16 tion for funding that will be made available under this  
17 heading in the upcoming fiscal year: Provided further,  
18 That such amount is designated by the Congress as being  
19 for an emergency requirement pursuant to section 4112(a)  
20 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
21 lution on the budget for fiscal year 2018, and pursuant  
22 to section 251(b) of the Balanced Budget and Emergency  
23 Deficit Control Act of 1985.

2508

1 SUPPLEMENTAL HIGHWAY TRAFFIC SAFETY PROGRAMS

2 For an additional amount for “Supplemental High-  
3 way Traffic Safety Programs”, \$310,000,000, to remain  
4 available until September 30, 2029, to carry out sections  
5 402 and 405 of title 23, United States Code, and section  
6 9101(a)(5) of division A of this Act: Provided, That  
7 \$62,000,000, to remain available until September 30,  
8 2025, shall be made available for fiscal year 2022,  
9 \$62,000,000, to remain available until September 30,  
10 2026, shall be made available for fiscal year 2023,  
11 \$62,000,000, to remain available until September 30,  
12 2027, shall be made available for fiscal year 2024,  
13 \$62,000,000, to remain available until September 30,  
14 2028, shall be made available for fiscal year 2025, and  
15 \$62,000,000 to remain available until September 30,  
16 2029, shall be made available for fiscal year 2026: *Pro-*  
17 *vided further*, That amounts made available under this  
18 heading in this Act shall be derived from the general fund  
19 of the Treasury: *Provided further*, That obligations of  
20 funds under this heading in this Act shall not be subject  
21 to any limitations on obligations provided in any Act mak-  
22 ing annual appropriations: *Provided further*, That, of the  
23 amounts provided under this heading in this Act, the fol-  
24 lowing amounts shall be for the following purposes in  
25 equal amounts for each of fiscal years 2022 through 2026:

2509

1 (1) \$100,000,000 shall be for highway safety  
2 programs under section 402 of title 23, United  
3 States Code;

4 (2) \$110,000,000 shall be for national priority  
5 safety programs under section 405 of title 23,  
6 United States Code; and

7 (3) \$100,000,000 shall be for administrative ex-  
8 penses under section 9101(a)(5) of division A of this  
9 Act:

10 *Provided further*, That such amount is designated by the  
11 Congress as being for an emergency requirement pursuant  
12 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
13 the concurrent resolution on the budget for fiscal year  
14 2018, and pursuant to section 251(b) of the Balanced  
15 Budget and Emergency Deficit Control Act of 1985.

16 FEDERAL RAILROAD ADMINISTRATION  
17 CONSOLIDATED RAIL INFRASTRUCTURE AND SAFETY  
18 IMPROVEMENTS

19 For an additional amount for “Consolidated Rail In-  
20 frastructure and Safety Improvements”, \$5,000,000,000,  
21 to remain available until expended, for competitive grants,  
22 as authorized under section 22907 of title 49, United  
23 States Code: *Provided*, That \$1,000,000,000, to remain  
24 available until expended, shall be made available for fiscal  
25 year 2022, \$1,000,000,000, to remain available until ex-

2510

1 pended, shall be made available for fiscal year 2023,  
2 \$1,000,000,000, to remain available until expended, shall  
3 be made available for fiscal year 2024, \$1,000,000,000,  
4 to remain available until expended, shall be made available  
5 for fiscal year 2025, and \$1,000,000,000, to remain avail-  
6 able until expended, shall be made available for fiscal year  
7 2026: *Provided further*, That the Secretary may withhold  
8 up to 2 percent of the amounts provided under this head-  
9 ing in this Act in each fiscal year for the costs of award  
10 and project management oversight of grants carried out  
11 under section 22907 of title 49, United States Code: *Pro-*  
12 *vided further*, That such amount is designated by the Con-  
13 gress as being for an emergency requirement pursuant to  
14 section 4112(a) of H. Con. Res. 71 (115th Congress), the  
15 concurrent resolution on the budget for fiscal year 2018,  
16 and to section 251(b) of the Balanced Budget and Emer-  
17 gency Deficit Control Act of 1985.

18       NORTHEAST CORRIDOR GRANTS TO THE NATIONAL  
19               RAILROAD PASSENGER CORPORATION  
20               (INCLUDING TRANSFER OF FUNDS)

21       For an additional amount for “Northeast Corridor  
22 Grants to the National Railroad Passenger Corporation”,  
23 \$6,000,000,000, to remain available until expended, for  
24 activities associated with the Northeast Corridor, as au-  
25 thorized by section 7101(a) of division A of this Act: *Pro-*

2511

1 *vided*, That \$1,200,000,000, to remain available until ex-  
2 pended, shall be made available for fiscal year 2022,  
3 \$1,200,000,000, to remain available until expended, shall  
4 be made available for fiscal year 2023, \$1,200,000,000,  
5 to remain available until expended, shall be made available  
6 for fiscal year 2024, \$1,200,000,000, to remain available  
7 until expended, shall be made available for fiscal year  
8 2025, and \$1,200,000,000, to remain available until ex-  
9 pended, shall be made available for fiscal year 2026: *Pro-*  
10 *vided further*, That the amounts made available under this  
11 heading in this Act shall be made available for capital  
12 projects for the purpose of eliminating the backlog of obso-  
13 lete assets and Amtrak’s deferred maintenance backlog of  
14 rolling stock, facilities, stations, and infrastructure: *Pro-*  
15 *vided further*, That amounts made available under this  
16 heading in this Act shall be made available for the fol-  
17 lowing capital projects—

18           (1) acquiring new passenger rolling stock for  
19           the replacement of single-level passenger cars used  
20           in Amtrak’s Northeast Corridor services, and associ-  
21           ated rehabilitation, upgrade, and expansion of facili-  
22           ties used to maintain and store such equipment;

23           (2) bringing Amtrak-served stations to full com-  
24           pliance with the Americans with Disabilities Act;

2512

1           (3) eliminating the backlog of deferred capital  
2           work on sole-benefit Amtrak-owned assets located on  
3           the Northeast Corridor; or

4           (4) carrying out Northeast Corridor capital re-  
5           newal backlog projects:

6 *Provided further*, That not later than 180 days after the  
7 date of enactment of this Act, the Secretary of Transpor-  
8 tation shall submit to the House and Senate Committees  
9 on Appropriations a detailed spend plan, including a list  
10 of project locations under the preceding proviso to be  
11 funded for fiscal year 2022: *Provided further*, That for  
12 each fiscal year through 2026, as part of the annual budg-  
13 et submission of the President under section 1105(a) of  
14 title 31, United States Code, the Secretary of Transpor-  
15 tation shall submit a detailed spend plan for that fiscal  
16 year, including a list of project locations under the third  
17 proviso: *Provided further*, That amounts made available  
18 under this heading in this Act shall be in addition to other  
19 amounts made available for such purposes, including to  
20 enable the Secretary of Transportation to make or amend  
21 existing grants to Amtrak for activities associated with the  
22 Northeast Corridor, as authorized by section 7101(a) of  
23 division A of this Act: *Provided further*, That amounts  
24 made available under this heading in this Act may be used  
25 by Amtrak to fund, in whole or in part, the capital costs



## 2513

1 of Northeast Corridor capital renewal backlog projects, in-  
2 cluding the costs of joint public transportation and inter-  
3 city passenger rail capital projects, notwithstanding the  
4 limitations in section 24319(g) and section 24905(c) of  
5 title 49, United States Code: *Provided further*, That not-  
6 withstanding section 24911(f) of title 49, United States  
7 Code, amounts made available under this heading in this  
8 Act may be used as non-Federal share for Northeast Cor-  
9 ridor projects selected for award under such section after  
10 the date of enactment of this Act: *Provided further*, That  
11 the Secretary may retain up to one half of 1 percent of  
12 the amounts made available under both this heading in  
13 this Act and the “National Network Grants to the Na-  
14 tional Railroad Passenger Corporation” heading in this  
15 Act to fund the costs of oversight of Amtrak, as authorized  
16 by section 7101(c) of division A of this Act: *Provided fur-*  
17 *ther*, That in addition to the oversight funds authorized  
18 under section 7101(c) of division A of this Act, the Sec-  
19 retary may retain up to \$5,000,000 of the funds made  
20 available under this heading in this Act for each fiscal year  
21 for the Northeast Corridor Commission established under  
22 section 24905 of title 49, United States Code, to facilitate  
23 a coordinated and efficient delivery of projects carried out  
24 under this heading in this Act: *Provided further*, That  
25 amounts made available under this heading in this Act

2514

1 may be transferred to and merged with amounts made  
2 available under the heading “National Network Grants to  
3 the National Railroad Passenger Corporation” in this Act  
4 for the purposes authorized under that heading: *Provided*  
5 *further*, That such amount is designated by the Congress  
6 as being for an emergency requirement pursuant to sec-  
7 tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
8 concurrent resolution on the budget for fiscal year 2018,  
9 and to section 251(b) of the Balanced Budget and Emer-  
10 gency Deficit Control Act of 1985.

11 NATIONAL NETWORK GRANTS TO THE NATIONAL  
12 RAILROAD PASSENGER CORPORATION  
13 (INCLUDING TRANSFER OF FUNDS)

14 For an additional amount for “National Network  
15 Grants to the National Railroad Passenger Corporation”,  
16 \$16,000,000,000, to remain available until expended, for  
17 activities associated with the National Network, as author-  
18 ized by section 7101(b) of division A of this Act: *Provided*,  
19 That \$3,200,000,000, to remain available until expended,  
20 shall be made available for fiscal year 2022,  
21 \$3,200,000,000, to remain available until expended, shall  
22 be made available for fiscal year 2023, \$3,200,000,000,  
23 to remain available until expended, shall be made available  
24 for fiscal year 2024, \$3,200,000,000, to remain available  
25 until expended, shall be made available for fiscal year

2515

1 2025, and \$3,200,000,000, to remain available until ex-  
2 pended, shall be made available for fiscal year 2026: *Pro-*  
3 *vided further*, That amounts made available under this  
4 heading in this Act shall be made available for capital  
5 projects for the purpose of eliminating Amtrak's deferred  
6 maintenance backlog of rolling stock, facilities, stations  
7 and infrastructure, including—

8 (1) acquiring new passenger rolling stock to re-  
9 place obsolete passenger equipment used in Am-  
10 trak's long-distance and state-supported services,  
11 and associated rehabilitation, upgrade, or expansion  
12 of facilities used to maintain and store such equip-  
13 ment;

14 (2) bringing Amtrak-served stations to full com-  
15 pliance with the Americans with Disabilities Act;

16 (3) eliminating the backlog of deferred capital  
17 work on Amtrak-owned railroad assets not located  
18 on the Northeast Corridor; and

19 (4) projects to eliminate the backlog of obsolete  
20 assets associated with Amtrak's national rail pas-  
21 senger transportation system, such as systems for  
22 reservations, security, training centers, and tech-  
23 nology:

24 *Provided further*, That not later than 180 days after the  
25 date of enactment of this Act, the Secretary of Transpor-

2516

1 tation shall submit to the House and Senate Committees  
2 on Appropriations a detailed spend plan, including a list  
3 of project locations under the preceding proviso to be  
4 funded for fiscal year 2022: *Provided further*, That for  
5 each fiscal year through 2026, as part of the annual budg-  
6 et submission of the President under section 1105(a) of  
7 title 31, United States Code, the Secretary of Transpor-  
8 tation shall submit a detailed spend plan for that fiscal  
9 year, including a list of project locations under the third  
10 proviso: *Provided further*, That of the amounts made avail-  
11 able under this heading in this Act, and in addition to  
12 amounts made available for similar purposes under this  
13 heading in prior Acts, Amtrak shall use such amounts as  
14 necessary for the replacement of single-level passenger  
15 cars and associated rehabilitation, upgrade, and expansion  
16 of facilities used to maintain and store such passenger  
17 cars, and such amounts shall be for its direct costs and  
18 in lieu of payments from States for such purposes, not-  
19 withstanding section 209 of the Passenger Rail Invest-  
20 ment and Improvement Act of 2008 (Public Law 110–  
21 432), as amended: *Provided further*, That amounts under  
22 this heading in this Act shall be in addition to other  
23 amounts made available for such purposes, including to  
24 enable the Secretary of Transportation to make or amend  
25 existing grants to Amtrak for activities associated with the

2517

1 National Network, as authorized by section 7101(b) of di-  
2 vision A of this Act: *Provided further*, That in addition  
3 to the oversight funds authorized under section 7101(c)  
4 of division A of this Act, the Secretary may retain up to  
5 \$3,000,000 of the funds made available under this head-  
6 ing in this Act for each fiscal year for the State-Supported  
7 Route Committee established under section 24712(a) of  
8 title 49, United States Code: *Provided further*, That of the  
9 funds made available under this heading in this Act, the  
10 Secretary may retain up to \$3,000,000 for each fiscal year  
11 for interstate rail compact grants, as authorized by section  
12 22910 of title 49, United States Code: *Provided further*,  
13 That of the funds made available under this heading in  
14 this Act, not less than \$50,000,000 for each fiscal year  
15 shall be used to make grants, as authorized under section  
16 22908 of title 49 United States Code consistent with the  
17 requirements of that section: *Provided further*, That of the  
18 amounts made available under this heading in this Act,  
19 such sums as are necessary, shall be available for purposes  
20 authorized in section 7214 of division A of this Act: *Pro-*  
21 *vided further*, That amounts made available under this  
22 heading in this Act may be transferred to and merged with  
23 amounts made available under the heading “Northeast  
24 Corridor Grants to the National Railroad Passenger Cor-  
25 poration” in this Act for the purposes authorized under

2518

1 that heading: *Provided further*, That such amount is des-  
2 ignated by the Congress as being for an emergency re-  
3 quirement pursuant to section 4112(a) of H. Con. Res.  
4 71 (115th Congress), the concurrent resolution on the  
5 budget for fiscal year 2018, and to section 251(b) of the  
6 Balanced Budget and Emergency Deficit Control Act of  
7 1985.

8 RAILROAD CROSSING ELIMINATION PROGRAM

9 For an additional amount for “Railroad Crossing  
10 Elimination Program”, \$3,000,000,000, to remain avail-  
11 able until expended, for competitive grants, as authorized  
12 under section 22909 of title 49, United States Code: *Pro-*  
13 *vided*, That \$600,000,000, to remain available until ex-  
14 pended, shall be made available for fiscal year 2022,  
15 \$600,000,000, to remain available until expended, shall be  
16 made available for fiscal year 2023, \$600,000,000, to re-  
17 main available until expended, shall be made available for  
18 fiscal year 2024, \$600,000,000, to remain available until  
19 expended, shall be made available for fiscal year 2025, and  
20 \$600,000,000, to remain available until expended, shall be  
21 made available for fiscal year 2026: *Provided further*, That  
22 the Secretary may withhold up to 2 percent of the  
23 amounts provided under this heading in this Act for the  
24 costs of award and project management oversight of  
25 grants carried out under section 22909 of title 49, United

2519

1 States Code: *Provided further*, That such amount is des-  
2 ignated by the Congress as being for an emergency re-  
3 quirement pursuant to section 4112(a) of H. Con. Res.  
4 71 (115th Congress), the concurrent resolution on the  
5 budget for fiscal year 2018, and to section 251(b) of the  
6 Balanced Budget and Emergency Deficit Control Act of  
7 1985.

8 FEDERAL-STATE PARTNERSHIP FOR INTERCITY  
9 PASSENGER RAIL GRANTS

10 For an additional amount for “Federal-State Part-  
11 nership for Intercity Passenger Rail Grants”,  
12 \$36,000,000,000, to remain available until expended, for  
13 grants, as authorized section 24911 of title 49, United  
14 States Code: *Provided*, That \$7,200,000,000, to remain  
15 available until expended, shall be made available for fiscal  
16 year 2022, \$7,200,000,000, to remain available until ex-  
17 pended, shall be made available for fiscal year 2023,  
18 \$7,200,000,000, to remain available until expended, shall  
19 be made available for fiscal year 2024, \$7,200,000,000,  
20 to remain available until expended, shall be made available  
21 for fiscal year 2025, and \$7,200,000,000, to remain avail-  
22 able until expended, shall be made available for fiscal year  
23 2026: *Provided further*, That, notwithstanding subsection  
24 24911(d)(3) of title 49, United States Code, not more  
25 than \$24,000,000,000 of the amounts made available

2520

1 under this heading in this Act for fiscal years 2022  
2 through 2026 shall be for projects for the Northeast Cor-  
3 ridor: *Provided further*, That amounts made available  
4 under the heading “Northeast Corridor Grants to the Na-  
5 tional Railroad Passenger Corporation” in this Act may  
6 be used as non-Federal share for Northeast Corridor  
7 projects selected for award under section 24911 of title  
8 49, United States Code, after the date of enactment of  
9 this Act, notwithstanding subsection 24911(f) of such  
10 title: *Provided further*, That the Secretary may withhold  
11 up to 2 percent of the amount provided under this heading  
12 in this Act in each fiscal year for the costs of award and  
13 project management oversight of grants carried out under  
14 section 24911 of title 49, United States Code: *Provided*  
15 *further*, That such amount is designated by the Congress  
16 as being for an emergency requirement pursuant to sec-  
17 tion 4112(a) of H. Con. Res. 71 (115th Congress), the  
18 concurrent resolution on the budget for fiscal year 2018,  
19 and to section 251(b) of the Balanced Budget and Emer-  
20 gency Deficit Control Act of 1985.

21 ADMINISTRATIVE PROVISIONS—FEDERAL RAILROAD

22 ADMINISTRATION

23 (INCLUDING TRANSFER OF FUNDS)

24 SEC. 802. Amounts that were made available to the  
25 Secretary of Transportation or to the Federal Railroad



2521

1 Administration in this title in this Act for the costs of  
2 award, administration, and project management oversight  
3 of financial assistance under the programs that are admin-  
4 istered by the Federal Railroad Administration may be  
5 transferred to a “Financial Assistance Oversight and  
6 Technical Assistance” account, to remain available until  
7 expended, for the necessary expenses to support the  
8 award, administration, project management oversight, and  
9 technical assistance of programs administered by the Fed-  
10 eral Railroad Administration under this Act: *Provided*,  
11 That one-quarter of one percent of the amounts trans-  
12 ferred pursuant to the authority in this section in each  
13 of fiscal years 2022 through 2026 shall be transferred to  
14 the Office of Inspector General of the Department of  
15 Transportation for oversight of funding provided to the  
16 Department of Transportation in this title in this Act:  
17 *Provided further*, That one-quarter of one percent of the  
18 amounts transferred pursuant to the authority in this sec-  
19 tion in each of fiscal years 2022 through 2026 shall be  
20 transferred to the National Railroad Passenger Corpora-  
21 tion Office of Inspector General for oversight of funding  
22 provided to the National Railroad Passenger Corporation  
23 in this title in this Act.

2522

1 FEDERAL TRANSIT ADMINISTRATION  
2 TRANSIT INFRASTRUCTURE GRANTS  
3 (INCLUDING TRANSFER OF FUNDS)

4 For an additional amount for “Transit Infrastructure  
5 Grants”, \$10,000,000,000, to remain available until ex-  
6 pended: *Provided*, That \$2,000,000,000, to remain avail-  
7 able until expended, shall be made available for fiscal year  
8 2022, \$2,000,000,000, to remain available until expended,  
9 shall be made available for fiscal year 2023,  
10 \$2,000,000,000, to remain available until expended, shall  
11 be made available for fiscal year 2024, \$2,000,000,000,  
12 to remain available until expended, shall be made available  
13 for fiscal year 2025, and \$2,000,000,000, to remain avail-  
14 able until expended, shall be made available for fiscal year  
15 2026: *Provided further*, That the funds made available  
16 under this heading in this Act shall be derived from the  
17 general fund of the Treasury, shall be in addition to any  
18 other amounts made available for such purpose, and shall  
19 not affect the distribution of funds provided in any Act  
20 making annual appropriations: *Provided further*, That the  
21 funds made available under this heading in this Act shall  
22 not be subject to any limitation on obligations for the Fed-  
23 eral Public Transportation Assistance Program set forth  
24 in any Act making annual appropriations: *Provided fur-*  
25 *ther*, That, of the amount provided under this heading in

2523

1 this Act, the following amounts shall be for the following  
2 purposes in equal amounts for each of fiscal years 2022  
3 through 2026—

4 (1) \$4,750,000,000 shall be to carry out the  
5 state of good repair grants under section 5337(e) of  
6 title 49, United States Code; and

7 (2) \$5,250,000,000 shall be to carry out the  
8 low or no emission grants under section 5339(e) of  
9 title 49, United States Code:

10 *Provided further*, That not more than two percent of the  
11 funds made available under this heading in this Act shall  
12 be available for administrative and oversight expenses as  
13 authorized under section 5334 and section 5338(f) of title  
14 49, United States Code, and shall be in addition to any  
15 other appropriations for such purpose : *Provided further*,  
16 That one-half of one percent of the amounts in the pre-  
17 ceding proviso shall be transferred to the Office of Inspec-  
18 tor General of the Department of Transportation for over-  
19 sight of funding provided to the Department of Transpor-  
20 tation in this title in this Act: *Provided further*, That such  
21 amount is designated by the Congress as being for an  
22 emergency requirement pursuant to section 4112(a) of H.  
23 Con. Res. 71 (115th Congress), the concurrent resolution  
24 on the budget for fiscal year 2018, and to section 251(b)

2524

1 of the Balanced Budget and Emergency Deficit Control  
2 Act of 1985.

3 CAPITAL INVESTMENT GRANTS  
4 (INCLUDING TRANSFER OF FUNDS)

5 For an additional amount for “Capital Investment  
6 Grants”, \$8,000,000,000, to remain available until ex-  
7 pended: *Provided*, That \$1,600,000,000, to remain avail-  
8 able until expended, shall be made available for fiscal year  
9 2022, \$1,600,000,000, to remain available until expended,  
10 shall be made available for fiscal year 2023,  
11 \$1,600,000,000, to remain available until expended, shall  
12 be made available for fiscal year 2024, \$1,600,000,000,  
13 to remain available until expended, shall be made available  
14 for fiscal year 2025, and \$1,600,000,000, to remain avail-  
15 able until expended, shall be made available for fiscal year  
16 2026: *Provided further*, That for each fiscal year through  
17 2026, as part of the annual budget submission, the Sec-  
18 retary shall submit list of potential project eligible for such  
19 funds and a spend plan for the use of such funds for that  
20 fiscal year, including a list of project locations: *Provided*  
21 *further*, That funds allocated to any project during fiscal  
22 years 2015 or 2017 pursuant to section 5309 of title 49,  
23 United States Code, shall remain allocated to that project  
24 through fiscal year 2023: *Provided further*, That such  
25 amount is designated by the Congress as being for an

2525

1 emergency requirement pursuant to section 4112(a) of H.  
2 Con. Res. 71 (115th Congress), the concurrent resolution  
3 on the budget for fiscal year 2018, and to section 251(b)  
4 of the Balanced Budget and Emergency Deficit Control  
5 Act of 1985.

6 ACCESSIBILITY UPGRADES TO LEGACY RAIL FIXED  
7 GUIDEWAY PUBLIC TRANSPORTATION SYSTEMS PROGRAM  
8 For an additional amount for “Accessibility Upgrades  
9 to Legacy Rail Fixed Guideway Public Transportation  
10 Systems Program”, \$2,000,000,000, to remain available  
11 until expended, for the Secretary of Transportation to  
12 make competitive grants to assist eligible entities in fi-  
13 nancing capital projects to upgrade the accessibility of leg-  
14 acy rail fixed guideway public transportation systems for  
15 persons with disabilities, including those who use wheel-  
16 chairs, by increasing the number of existing (as of the date  
17 of enactment of this Act) stations or facilities for pas-  
18 senger use that meet (including exceeding) the new con-  
19 struction standards of title II of the Americans with Dis-  
20 abilities Act of 1990 (42 U.S.C. 12131 et seq.): *Provided*,  
21 That \$400,000,000, to remain available until expended,  
22 shall be made available for fiscal year 2022,  
23 \$400,000,000, to remain available until expended, shall be  
24 made available for fiscal year 2023, \$400,000,000, to re-  
25 main available until expended, shall be made available for

2526

1 fiscal year 2024, \$400,000,000, to remain available until  
2 expended, shall be made available for fiscal year 2025, and  
3 \$400,000,000, to remain available until expended, shall be  
4 made available for fiscal year 2026: *Provided further*, That  
5 eligible entities under this heading in this Act shall include  
6 a State or local government authority: *Provided further*,  
7 That an eligible entity may use a grant awarded under  
8 this heading in this Act: (1) for a project to repair, im-  
9 prove, or relocate infrastructure of stations or facilities for  
10 passenger use, including load-bearing members that are  
11 an essential part of the structural frame; (2) to develop  
12 or modify a plan for pursuing public transportation acces-  
13 sibility projects, including (i) assessments of accessibility  
14 or assessments of planned modifications to stations or fa-  
15 cilities for passenger use, performed by the protection and  
16 advocacy system for persons with disabilities in the appli-  
17 cable State, a center for independent living, or a similar  
18 nonprofit organization focused on ensuring people with  
19 disabilities are able to live in and participate in their com-  
20 munities or (ii) coordination by the recipient with such  
21 protection and advocacy system, center for independent  
22 living, or similar nonprofit organization; or (3) to carry  
23 out other projects that meet (including exceeding) the new  
24 construction standards of title II of the Americans with  
25 Disabilities Act of 1990: *Provided further*, That eligible

2527

1 costs for a project funded with a grant awarded under this  
2 heading in this Act shall be limited to the costs associated  
3 with carrying out the purpose described in the preceding  
4 proviso: *Provided further*, That an eligible entity may not  
5 use a grant awarded under this heading in this Act to  
6 upgrade a station or facility for passenger use that is ac-  
7 cessible to and usable by individuals with disabilities, in-  
8 cluding individuals who use wheelchairs, consistent with  
9 current (as of the date of the upgrade) new construction  
10 standards under title II of the Americans with Disabilities  
11 Act of 1990 (42 U.S.C. 12131 et seq.): *Provided further*,  
12 That an eligible entity may use a grant provided with  
13 amounts made available under this heading in this Act to  
14 upgrade a station or facility for passenger use that is not  
15 accessible and usable as described in the preceding pro-  
16 viso, even if the related service, program, or activity, when  
17 viewed in its entirety, is readily accessible and usable as  
18 so described: *Provided further*, That an eligible entity that  
19 receives a grant under this heading in this Act shall adopt  
20 a plan under which the entity commits to pursuing public  
21 transportation accessibility projects that: (1) enhance the  
22 customer experience and maximize accessibility of rolling  
23 stock and stations or facilities for passenger use for indi-  
24 viduals with disabilities, including accessibility for individ-  
25 uals with physical disabilities, including those who use

2528

1 wheelchairs, accessibility for individuals with sensory dis-  
2 abilities, and accessibility for individuals with intellectual  
3 or developmental disabilities; (2) improve the operations  
4 of, provide efficiencies of service to, and enhance the pub-  
5 lic transportation system for individuals with disabilities;  
6 and (3) address equity of service to all riders regardless  
7 of income, age, race, or ability, taking into account histor-  
8 ical and current service gaps for low-income riders, older  
9 individuals, riders from communities of color, and riders  
10 with disabilities: *Provided further*, That in administering  
11 grants under this heading in this Act, the Secretary shall  
12 encourage: (1) coordination between recipients and dis-  
13 ability advocacy entities such as the protection and advo-  
14 cacy system for persons with disabilities in the applicable  
15 State, a center for independent living, or a similar non-  
16 profit organization focused on ensuring people with dis-  
17 abilities are able to live in and participate in their commu-  
18 nities; and (2) assessments of accessibility or assessments  
19 of planned modifications to stations or facilities for pas-  
20 senger use, performed by such an advocacy entity, to the  
21 extent merited by the scope of the capital project of the  
22 recipient proposed to be assisted under this heading in this  
23 Act: *Provided further*, That a grant for a project made  
24 with amounts made available under this heading in this  
25 Act shall be for 90 percent of the net project cost: *Pro-*



2529

1 *vided further*, That the recipient of a grant made with  
2 amounts made available under this heading in this Act  
3 may provide additional local matching amounts: *Provided*  
4 *further*, That not more than two percent of the funds made  
5 available under this heading in this Act shall be available  
6 for administrative and oversight expenses as authorized  
7 under section 5334 and section 5338(f) of title 49, United  
8 States Code, and shall be in addition to any other appro-  
9 priations for such purpose: *Provided further*, That one-half  
10 of one percent of the of the amounts in the preceding pro-  
11 viso shall be transferred to the Office of Inspector General  
12 of the Department of Transportation for oversight of  
13 funding provided to the Department of Transportation in  
14 this title in this Act: *Provided further*, That such amount  
15 is designated by the Congress as being for an emergency  
16 requirement pursuant to section 4112(a) of H. Con. Res.  
17 71 (115th Congress), the concurrent resolution on the  
18 budget for fiscal year 2018, and to section 251(b) of the  
19 Balanced Budget and Emergency Deficit Control Act of  
20 1985.

21 ELECTRIC OR LOW-EMITTING FERRY PROGRAM

22 (INCLUDING TRANSFER OF FUNDS)

23 For competitive grants for electric or low-emitting  
24 ferry pilot program grants as authorized under section  
25 20302 of division B of this Act, \$250,000,000, to remain

2530

1 available until expended: *Provided*, That \$50,000,000, to  
2 remain available until expended, shall be made available  
3 for fiscal year 2022, \$50,000,000, to remain available  
4 until expended, shall be made available for fiscal year  
5 2023, \$50,000,000, to remain available until expended,  
6 shall be made available for fiscal year 2024, \$50,000,000,  
7 to remain available until expended, shall be made available  
8 for fiscal year 2025: *Provided further*, That amounts made  
9 available under this heading in this Act shall be derived  
10 from the general fund of the Treasury: *Provided further*,  
11 That the amounts made available under this heading in  
12 this Act shall not be subject to any limitation on obliga-  
13 tions for transit programs set forth in any Act making  
14 annual appropriations: *Provided further*, That not more  
15 than two percent of the funds made available under this  
16 heading in this Act shall be available for administrative  
17 and oversight expenses as authorized under section 5334  
18 and section 5338(f) of title 49, United States Code, and  
19 shall be in addition to any other appropriations for such  
20 purpose: *Provided further*, That one-half of one percent of  
21 the of the amounts in the preceding proviso shall be trans-  
22 ferred to the Office of Inspector General of the Depart-  
23 ment of Transportation for oversight of funding provided  
24 to the Department of Transportation in this title in this  
25 Act: *Provided further*, That such amount is designated by

2531

1 the Congress as being for an emergency requirement pur-  
2 suant to section 4112(a) of H. Con. Res. 71 (115th Con-  
3 gress), the concurrent resolution on the budget for fiscal  
4 year 2018, and to section 251(b) of the Balanced Budget  
5 and Emergency Deficit Control Act of 1985.

6 FERRY SERVICE FOR RURAL COMMUNITIES

7 (INCLUDING TRANSFER OF FUNDS)

8 For competitive grants to States for eligible essential  
9 ferry service as authorized under section 20303 of division  
10 B of this Act, \$1,000,000,000, to remain available until  
11 expended: *Provided*, That \$200,000,000, to remain avail-  
12 able until expended, shall be made available for fiscal year  
13 2022, \$200,000,000, to remain available until expended,  
14 shall be made available for fiscal year 2023,  
15 \$200,000,000, to remain available until expended, shall be  
16 made available for fiscal year 2024, \$200,000,000, to re-  
17 main available until expended, shall be made available for  
18 fiscal year 2025, and \$200,000,000, to remain available  
19 until expended, shall be made available for fiscal year  
20 2026: *Provided further*, That amounts made available  
21 under this heading in this Act shall be derived from the  
22 general fund of the Treasury: *Provided further*, That  
23 amounts made available under this heading in this Act  
24 shall not be subject to any limitation on obligations for  
25 the Federal Public Transportation Assistance Program set

2532

1 forth in any Act making annual appropriations: *Provided*  
2 *further*, That not more than two percent of the funds made  
3 available under this heading in this Act shall be available  
4 for administrative and oversight expenses as authorized  
5 under section 5334 and section 5338(f) of title 49, United  
6 States Code, and shall be in addition to any other appro-  
7 priations for such purpose: *Provided further*, That one-half  
8 of one percent of the amounts in the preceding proviso  
9 shall be transferred to the Office of Inspector General of  
10 the Department of Transportation for oversight of funding  
11 provided to the Department of Transportation in this title  
12 in this Act: *Provided further*, That such amount is des-  
13 ignated by the Congress as being for an emergency re-  
14 quirement pursuant to section 4112(a) of H. Con. Res.  
15 71 (115th Congress), the concurrent resolution on the  
16 budget for fiscal year 2018, and to section 251(b) of the  
17 Balanced Budget and Emergency Deficit Control Act of  
18 1985.

19 MARITIME ADMINISTRATION

20 PORT INFRASTRUCTURE DEVELOPMENT PROGRAM

21 For an additional amount for “Port Infrastructure  
22 Development Program”, \$2,250,000,000, to remain avail-  
23 able until September 30, 2036: *Provided*, That  
24 \$450,000,000, to remain available until September 30,  
25 2032, shall be made available for fiscal year 2022,

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1 \$450,000,000, to remain available until September 30,  
2 2033, shall be made available for fiscal year 2023,  
3 \$450,000,000, to remain available until September 30,  
4 2034, shall be made available for fiscal year 2024,  
5 \$450,000,000, to remain available until September 30,  
6 2035, shall be made available for fiscal year 2025, and  
7 \$450,000,000, to remain available until September 30,  
8 2036, shall be made available for fiscal year 2026: *Pro-*  
9 *vided further*, That for the purposes of amounts made  
10 available under this heading in this Act and in prior Acts,  
11 and in addition to projects already eligible for awards  
12 under this heading, eligible projects, as defined under sec-  
13 tion 50302(c)(3) of title 46, United States Code, shall also  
14 include projects that improve the resiliency of ports to ad-  
15 dress sea-level rise, flooding, extreme weather events,  
16 earthquakes, and tsunami inundation, as well as projects  
17 that reduce or eliminate port-related criteria pollutant or  
18 greenhouse gas emissions, including projects for—

19 (1) Port electrification or electrification master  
20 planning;

21 (2) Harbor craft or equipment replacements/  
22 retrofits;

23 (3) Development of port or terminal micro-  
24 grids;

25 (4) Providing idling reduction infrastructure;

2534

1           (5) Purchase of cargo handling equipment and  
2 related infrastructure;

3           (6) Worker training to support electrification  
4 technology;

5           (7) Installation of port bunkering facilities from  
6 ocean-going vessels for fuels;

7           (8) Electric vehicle charge or hydrogen refuel-  
8 ing infrastructure for drayage, and medium or heavy  
9 duty trucks and locomotives that service the port  
10 and related grid upgrades; or

11           (9) Other related to port activities including  
12 charging infrastructure, electric rubber-tired gantry  
13 cranes, and anti-idling technologies:

14 *Provided further*, That such amount is designated by the  
15 Congress as being for an emergency requirement pursuant  
16 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
17 the concurrent resolution on the budget for fiscal year  
18 2018, and to section 251(b) of the Balanced Budget and  
19 Emergency Deficit Control Act of 1985.

2535

1 PIPELINE AND HAZARDOUS MATERIALS SAFETY

2 ADMINISTRATION

3 NATURAL GAS DISTRIBUTION INFRASTRUCTURE SAFETY

4 AND MODERNIZATION GRANT PROGRAM

5 (INCLUDING TRANSFER OF FUNDS)

6 For an additional amount for “Natural Gas Distribu-  
7 tion Infrastructure Safety and Modernization Grant Pro-  
8 gram”, \$1,000,000,000, to remain available until Sep-  
9 tember 30, 2032 for the Secretary of Transportation to  
10 make competitive grants for the modernization of natural  
11 gas distribution pipelines: *Provided*, That \$200,000,000,  
12 to remain available until September 30, 2032, shall be  
13 made available for fiscal year 2022, \$200,000,000, to re-  
14 main available until September 30, 2032, shall be made  
15 available for fiscal year 2023, \$200,000,000, to remain  
16 available until September 30, 2032, shall be made avail-  
17 able for fiscal year 2024, \$200,000,000, to remain avail-  
18 able until September 30, 2032, shall be made available  
19 for fiscal year 2025, and \$200,000,000, to remain avail-  
20 able until September 30, 2032, shall be made available  
21 for fiscal year 2026: *Provided further*, That grants from  
22 funds made available under this heading in this Act shall  
23 be available to a municipality or community owned utility  
24 (not including for-profit entities) to repair, rehabilitate, or  
25 replace its natural gas distribution pipeline system or por-

2536

1 tions thereof or to acquire equipment to (1) reduce inci-  
2 dents and fatalities and (2) avoid economic losses: *Pro-*  
3 *vided further*, That in making grants from funds made  
4 available under this heading in this Act, the Secretary  
5 shall establish procedures for awarding grants that take  
6 into consideration the following: (1) the risk profile of the  
7 existing pipeline system operated by the applicant, includ-  
8 ing the presence of pipe prone to leakage; (2) the potential  
9 of the project for creating jobs; (3) the potential for bene-  
10 fitting disadvantaged rural and urban communities; and  
11 (4) economic impact or growth: *Provided further*, That the  
12 Secretary shall not award more than 12.5 percent of the  
13 funds available under this heading to a single municipality  
14 or community-owned utility: *Provided further*, That for  
15 purposes of the preceding proviso, the Secretary of Labor  
16 shall have the authority and functions set forth in sub-  
17 chapter IV of chapter 31 of part A of subtitle II of title  
18 40, United States Code: *Provided further*, That the Sec-  
19 retary shall issue a notice of funding opportunity not later  
20 than 180 days after each date upon which funds are made  
21 available under the first proviso: *Provided further*, That  
22 the Secretary shall make awards not later than 270 days  
23 after issuing the notices of funding opportunity required  
24 under the preceding proviso: *Provided further*, That not  
25 more than 2 percent of the amounts made available in



2537

1 each fiscal year shall be available to pay the administrative  
2 costs of carrying out the grant program under this head-  
3 ing in this Act: *Provided further*, That one-half of one per-  
4 cent of the amounts transferred pursuant to the authority  
5 in this section in each of fiscal years 2022 through 2026  
6 shall be transferred to the Office of Inspector General of  
7 the Department of Transportation for oversight of funding  
8 provided to the Department of Transportation in this Act:  
9 *Provided further*, That such amount is designated by the  
10 Congress as being for an emergency requirement pursuant  
11 to section 4112(a) of H. Con. Res. 71 (115th Congress),  
12 the concurrent resolution on the budget for fiscal year  
13 2018, and to section 251(b) of the Balanced Budget and  
14 Emergency Deficit Control Act of 1985.

15           GENERAL PROVISION—DEPARTMENT OF  
16                           TRANSPORTATION

17       SEC. 803. Any funds transferred to the Office of In-  
18 spector General of the Department of Transportation from  
19 amounts made available in this division in this Act shall  
20 remain available until expended.

21       TITLE IX—GENERAL PROVISIONS—THIS  
22                           DIVISION

23       SEC. 901. Each amount appropriated or made avail-  
24 able by this division is in addition to amounts otherwise  
25 appropriated for the fiscal year involved.

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1       SEC. 902. No part of any appropriation contained in  
2 this division shall remain available for obligation beyond  
3 the current fiscal year unless expressly so provided herein.

4       SEC. 903. Unless otherwise provided for by this divi-  
5 sion, the additional amounts appropriated by this division  
6 to appropriations accounts for a fiscal year shall be avail-  
7 able under the authorities and conditions applicable to  
8 such appropriations accounts for that fiscal year.

9       SEC. 904. Any amount appropriated by this division,  
10 designated by the Congress as an emergency requirement  
11 pursuant to section 4112(a) of H. Con. Res. 71 (115th  
12 Congress), the concurrent resolution on the budget for fis-  
13 cal year 2018, and to section 251(b) of the Balanced  
14 Budget and Emergency Deficit Control Act of 1985, and  
15 transferred pursuant to transfer authorities provided by  
16 this division shall retain such designation.

17                                   BUDGETARY EFFECTS

18       SEC. 905. (a) STATUTORY PAYGO SCORECARDS.—  
19 The budgetary effects of this division [, amounts rescinded  
20 in section 60601 of title VI of division F that were pre-  
21 viously designated by the Congress as an emergency re-  
22 quirement pursuant to section 251(b)(2)(A)(i) of the Bal-  
23 anced Budget and Emergency Deficit Control Act of 1985,  
24 and title IX of division F] shall not be entered on either

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1 PAYGO scorecard maintained pursuant to section 4(d) of  
2 the Statutory Pay As-You-Go Act of 2010.

3 (b) SENATE PAYGO SCORECARDS.—The budgetary  
4 effects of this division [, amounts rescinded in section  
5 60601 of title VI of division F that were previously des-  
6 ignated by the Congress as an emergency requirement  
7 pursuant to section 251(b)(2)(A)(i) of the Balanced Budg-  
8 et and Emergency Deficit Control Act of 1985, and title  
9 IX of division F] shall not be entered on any PAYGO  
10 scorecard maintained for purposes of section 4106 of H.  
11 Con. Res. 71 (115th Congress).

12 (c) CLASSIFICATION OF BUDGETARY EFFECTS.—  
13 Notwithstanding Rule 3 of the Budget Scorekeeping  
14 Guidelines set forth in the joint explanatory statement of  
15 the committee of conference accompanying Conference Re-  
16 port 105–217 and section 250(c)(7) and (c)(8) of the Bal-  
17 anced Budget and Emergency Deficit Control Act of 1985,  
18 the budgetary effects of this division [, amounts rescinded  
19 in section 60601 of title VI of division F that were pre-  
20 viously designated by the Congress as an emergency re-  
21 quirement pursuant to section 251(b)(2)(A)(i) of the Bal-  
22 anced Budget and Emergency Deficit Control Act of 1985,  
23 and title IX of division F] shall be estimated for purposes  
24 of section 251 of such Act and as appropriations for dis-  
25 cretionary accounts for purposes of the allocation to the

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1 Committee on Appropriations pursuant to section 302(a)  
2 of the Congressional Budget Act of 1974 and section 4112  
3 of H. Con. Res. 71 (115th Congress), the concurrent reso-  
4 lution on the budget for fiscal year 2018.

5 This division may be cited as the “Infrastructure In-  
6 vestments and Jobs Appropriations Act”.