




U.S. Department  
of Transportation

# BUDGET HIGHLIGHTS



FISCAL YEAR 2016

# MESSAGE FROM THE PRESIDENT MAY 5, 2014



**A**fter all, we're the people who, in the depths of the Depression, lifted a great bridge in California, and laid a great dam down in the Southwest, and lifted up rural America. We shrank a sprawling continent when we pounded in that final railroad spike, connected up this amazing country of ours; stretched a network of highways all across America from coast to coast. And then we connected the world with our imaginations and the Internet.

A great Nation does these things. A great Nation doesn't say 'no, we can't,' it says 'yes, we can.'

**PRESIDENT BARACK OBAMA**

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## TECHNICAL NOTES:

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<sup>1</sup> Tables presented in this document may not add due to differences in rounding.

<sup>2</sup> The use of brackets in tables indicates a "non-add" entry.

<sup>3</sup> Time frames in this document represent fiscal years (FY).

<sup>4</sup> Full time equivalent employment is identified as FTE throughout this document.

<sup>5</sup> The President's Budget proposes to rename the "Highway Trust Fund" to the "Transportation Trust Fund" beginning in FY 2016 as part of the Administration's GROW AMERICA Act proposal.

# SECRETARY FOXX'S PRIORITIES

## Building on DOT's Legacy of Safety

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- ▶ Consistently improving our safety mission across the Department
- ▶ Continuing the push to eliminate distracted driving
- ▶ Strengthening our focus on pedestrian and bicycle safety

## Closing the Infrastructure Deficit

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- ▶ Passing long-term reauthorization legislation for surface transportation and aviation
- ▶ Increasing public-private partnerships through a Build America Transportation Investment Center
- ▶ Creating Ladders of Opportunity through transportation programs

## Modernizing the U.S. Transportation System Using Technology and Process Innovation

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- ▶ Accelerating NextGen
- ▶ Increasing the use of data and analysis to improve performance management
- ▶ Leading towards automation in transportation

# THE GROW AMERICA ACT: THE ADMINISTRATION'S SURFACE TRANSPORTATION REAUTHORIZATION PROPOSAL



## GROW AMERICA ACCOUNT TOTALS FY 2016–2021 BUDGETARY RESOURCES<sup>1</sup>

Dollars in Millions

	FY 2015 Enacted	FY 2016 Year 1	FY 2017 Year 2	FY 2018 Year 3	FY 2019 Year 4	FY 2020 Year 5	FY 2021 Year 6	Total Years 1-6
<b>Federal Highway Administration</b>								
Federal-Aid Highways:								
Administrative Expenses (GOE + ARC)	\$ 407	\$ 442	\$ 451	\$ 460	\$ 469	\$ 479	\$ 488	\$ 2,790
Apportioned Programs								
SHRP2 Takedown (allocated)	—	25	25	25	25	25	25	150
HSIP Takedown (apportioned)	—	100	100	80	80	70	70	500
National Highway Program (Includes \$639M Exempt)	21,908	22,313	22,761	23,218	23,684	24,158	24,643	140,777
Highway Safety Improvement Program	2,412	2,457	2,506	2,556	2,608	2,660	2,713	15,500
Surface Transportation Program	10,077	10,263	10,469	10,680	10,894	11,112	11,335	64,753
Congestion Mitigation & Air Quality Improvement Program	2,267	2,315	2,362	2,409	2,458	2,507	2,557	14,608
Metropolitan Transportation Planning	314	320	326	333	340	346	353	2,019
Transportation Alternatives Program	820	847	864	880	896	913	931	5,332
Critical Immediate Safety Investments	—	7,450	6,250	5,000	3,800	3,550	3,350	29,400
Federal Lands and Tribal Transportation Programs	1,000	1,277	1,299	1,322	1,346	1,370	1,394	8,008
Research, Technology and Education Programs	400	496	524	525	496	509	518	3,068
Intelligent Transportation Systems & Automation Research Acceleration (non-add)	[100]	[158]	[179]	[174]	[137]	[142]	[145]	[935]
Federal Allocation Programs (Includes \$100M Exempt)	390	502	507	513	520	525	531	3,098
Freight	—	1,000	2,000	3,000	4,000	4,000	4,000	18,000
TIFIA	1,000 <sup>2</sup>	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Fixing and Accelerating Surface Transportation (FAST)	—	500	500	500	500	500	500	3,000
<b>Total, FHWA</b>	<b>40,995</b>	<b>51,307</b>	<b>51,944</b>	<b>52,502</b>	<b>53,115</b>	<b>53,724</b>	<b>54,408</b>	<b>317,001</b>
<b>Federal Transit Administration</b>								
Transit Formula Grants (Includes Administrative Expenses in GROW AMERICA)	8,595	13,914	14,140	14,372	14,610	14,902	15,200	87,138
Administrative Expenses (non-add)	106 <sup>3,4</sup>	[114]	[120]	[126]	[132]	[139]	[146]	[778]
State of Good Repair (non-add)	[2,165]	[5,719]	[5,775]	[5,832]	[5,890]	[5,949]	[6,008]	[35,172]
Bus and Bus Facilities (non-add)	[428]	[1,939]	[1,950]	[1,961]	[1,972]	[1,984]	[1,996]	[11,801]
Capital Investment Grants	2,120 <sup>3</sup>	3,250	3,315	3,380	3,450	3,520	3,590	20,505
Rapid Growth Area Transit Program	—	500	525	550	600	612	624	3,411
Public Transportation Emergency Relief	—	25	25	25	25	25	25	150
Transit Research and Training	38 <sup>3,4</sup>	60	61	63	67	68	70	389
Fixing and Accelerating Surface Transportation (FAST)	—	500	500	500	500	500	500	3,000
<b>Total, FTA</b>	<b>10,858<sup>5</sup></b>	<b>18,249</b>	<b>18,566</b>	<b>18,890</b>	<b>19,252</b>	<b>19,627</b>	<b>20,009</b>	<b>114,594</b>
<b>Federal Motor Carrier Safety Administration</b>								
Motor Carrier Safety Operations & Programs	271	329	376	400	392	400	407	2,303
Motor Carrier Safety Grants	313	339	372	397	407	416	424	2,356
<b>Total, FMCSA</b>	<b>584</b>	<b>669</b>	<b>748</b>	<b>797</b>	<b>799</b>	<b>816</b>	<b>831</b>	<b>4,659</b>
<b>National Highway Traffic Safety Administration</b>								
Operations & Research (Including Vehicle Safety)	269 <sup>3</sup>	331	346	362	378	396	414	2,227
Highway Traffic Safety Grants	562	577	594	612	631	649	669	3,732
<b>Total, NHTSA</b>	<b>830</b>	<b>908</b>	<b>940</b>	<b>974</b>	<b>1,009</b>	<b>1,045</b>	<b>1,083</b>	<b>5,959</b>
<b>Federal Railroad Administration</b>								
Current Passenger Rail Service	1,390 <sup>3,4</sup>	2,450	2,400	2,350	2,300	2,300	2,300	14,100
Rail Service Improvement Program	—	2,325	2,405	2,370	2,450	2,450	2,450	14,450
<b>Total, FRA</b>	<b>1,390<sup>5</sup></b>	<b>4,775</b>	<b>4,805</b>	<b>4,720</b>	<b>4,750</b>	<b>4,750</b>	<b>4,750</b>	<b>28,550</b>
<b>Office of the Secretary</b>								
National Infrastructure Investments (TIGER)	500 <sup>3</sup>	1,250	1,250	1,250	1,250	1,250	1,250	7,500
<b>Total, OST</b>	<b>500</b>	<b>1,250</b>	<b>1,250</b>	<b>1,250</b>	<b>1,250</b>	<b>1,250</b>	<b>1,250</b>	<b>7,500</b>
<b>Total Budgetary Resources</b>	<b>\$55,157</b>	<b>\$77,158</b>	<b>\$78,253</b>	<b>\$79,133</b>	<b>\$80,175</b>	<b>\$81,213</b>	<b>\$82,331</b>	<b>\$478,264</b>

<sup>1</sup> Totals may not add due to rounding.

<sup>2</sup> TIFIA will continue to be administered by the Office of the Secretary under GROW AMERICA.

<sup>3</sup> General Funded (or partially General Funded) in FY 2015.

<sup>4</sup> The table aligns FY 2015 enacted General Fund accounts with the corresponding FY 2016–2021 Trust Fund accounts included in GROW AMERICA for comparison purposes.

<sup>5</sup> FY 2015 totals do not include FTA and FRA accounts that are outside GROW AMERICA and included as General Funded in the FY 2016 President's Budget.

The FY 2016 President's Budget request includes \$478 billion for a 6-year surface transportation reauthorization proposal to improve safety, support critical infrastructure projects, and create jobs while improving America's roads, bridges, transit systems, and railways. This builds on the Administration's 4-year proposal, the Generating Renewal, Opportunity, and Work with Accelerated Mobility, Efficiency, and Rebuilding of Infrastructure and Communities throughout America—or the GROW AMERICA Act—which was submitted to Congress last year and will be resubmitted within the coming weeks, reflecting a 6-year duration.

The GROW AMERICA Act will provide States, tribal and local governments, and transit agencies with the certainty needed to effectively plan and start construction on projects that will support millions

of jobs over the next several years. In recent years, numerous short-term spending “patches” have increased uncertainty for Federal surface transportation programs. Since SAFETEA-LU expired at the end of September 2009, there have been 19 continuing resolutions over the last 5 years and 11 extensions of surface authorization bills.

Most importantly, the GROW AMERICA Act will put into place a program structure and funding stream focused on the transportation needs of the future. Through both funding increases and critical policy enhancements, the GROW AMERICA Act advances Secretary Foxx's key priorities: protecting the safety of the traveling public, closing the Nation's infrastructure deficit, and modernizing the U.S. transportation system through technology and process innovation.

## OVERALL FUNDING LEVELS

Over 6 years, the GROW AMERICA proposal provides:

- ▶ **\$317 billion to invest in our Nation's highway system:** The proposal will increase the amount of highway funds by an average of nearly 29 percent above FY 2015 enacted levels, emphasizing policies and reforms that prioritize investments for much-needed repairs and improvements to the safety of our roads and transit services, with particular attention to investments in rural and tribal areas.
- ▶ **Nearly \$115 billion to invest in transit systems and expand transportation options:** The proposal increases average transit spending by nearly 76 percent above FY 2015 enacted levels, which will enable the expansion of new projects that improve connectivity, such as light rail, street cars, and bus rapid transit, in suburbs, fast-growing cities, small towns, and rural communities, while still maintaining existing transit systems.

- ▶ **Predictable funding for rail investments:** The GROW AMERICA Act provides \$28.6 billion over 6 years to fund the development of high-performance rail and other passenger rail programs as part of an integrated national transportation strategy. This system will provide 80 percent of Americans with convenient access to a high-performance passenger rail system within 25 years.
- ▶ **Encouraging competition and multi-modal investment:** The Administration's proposal provides \$7.5 billion over 6 years to more than double the size of the highly successful TIGER grant program.

Within those overall funding levels, GROW AMERICA features smart investments and programmatic reforms to advance critical surface transportation priorities.

## PROTECTING THE SAFETY OF THE TRAVELING PUBLIC

In 2012, vehicle crashes killed 33,561 Americans and injured more than 2.3 million, making motor vehicle crashes one of the leading causes of death in the United States. Every life is precious, and one life lost on our roads is one too many. The GROW AMERICA Act addresses safety vulnerabilities on our transportation network, both through increased investment in safety programs, and through policy changes that strengthen oversight and increase accountability. It includes:

- ▶ **\$7.35 billion to improve safety on local rural roads as part of the Critical Immediate Safety Investments Program:** While local roads do not carry the majority of traffic, it is estimated that approximately 40 percent of all traffic fatalities occur on non-State owned roadways. This dedicated source of funding will help States improve safety on non-State owned roads that do not often benefit from Federal funding.
- ▶ **\$3.05 billion to assist with the implementation of Positive Train Control:** This funding will focus on commuter rail PTC compliance to prevent collisions.
- ▶ **\$16 billion for the Highway Safety Improvement Program:** The HSIP continues to save lives and prevent serious injuries for all road users, including pedestrians and bicyclists. This data-driven program has played a significant role in achieving the nearly 25-percent reduction in highway fatalities and serious injuries in 2013 when compared to 2005, the year that the HSIP was established.
- ▶ **Nearly \$6 billion over 6 years to increase the National Highway Traffic Safety Administration's capability** to ensure that vehicles on the road meet the highest safety standards and that the agency has the personnel and tools to identify vehicle defects early and respond quickly.

The GROW AMERICA Act also includes a number of new safety proposals that build on lessons learned during the previous year and continue the Department's focus on its safety mission.

## CLOSING THE NATION'S INFRASTRUCTURE DEFICIT

Transportation is a critical engine of the Nation's economy. Investments in our transportation network over the country's history have been instrumental in developing our Nation into the world's largest economy and most mobile society. Over time, however, our level of investment as a percentage of GDP has dropped significantly, as it fails to keep pace with our growing economy and population or with our global competitors. The costs of inadequate

infrastructure investment are exhibited all around us. Americans spend 5.5 billion hours in traffic each year, costing families more than \$120 billion in extra fuel and lost time. American businesses pay \$27 billion a year in extra freight transportation costs, increasing shipping delays and raising prices on everyday products. In addition, 65 percent of our Nation's roads are in less than good condition; one in four bridges requires significant repair or can't handle current



traffic demands, and 45 percent of Americans lack access to basic transit services. The GROW AMERICA Act makes critical investments to close this Nation's infrastructure deficit, including:

- ▶ **Expanding and strengthening of DOT credit programs to spur innovative financing and increase overall infrastructure investment:** The GROW AMERICA Act expands financing options under the Transportation Infrastructure Finance and Innovation Act (TIFIA), which leverages Federal dollars by facilitating private participation in transportation projects and encouraging innovative financing mechanisms that help advance projects more quickly. The Act will provide \$6 billion over 6 years, which will result in \$60 billion of direct loans. In addition, the Act increases the accessibility of the Railroad Rehabilitation and Improvement Financing Program by reducing the cost of obtaining a loan for short line railroads and increases the availability of Private Activity Bonds by raising the existing \$15 billion cap to \$19 billion.
- ▶ **Grants targeted to projects that benefit the Nation's commerce:** The U.S. transportation system moves more than 52 million tons of freight worth nearly \$46 billion each day, or almost 40 tons of freight per person per year, and freight tonnage is expected to increase 62 percent by 2040. The GROW AMERICA Act includes \$18 billion over 6 years for a multi-modal freight program that strengthens America's exports and trade and gives freight stakeholders a meaningful seat at the table in selecting funded projects. The new initiative encourages better coordination of planning among the Federal Government, States, ports, and local communities to improve decision-making.
- ▶ **Strengthening domestic manufacturing:** The GROW AMERICA Act will strengthen existing "Buy America" requirements to ensure that taxpayer investments for public transportation translate into American jobs and opportunities for innovation. The Act allows for an orderly phase-in by transit suppliers by raising the current 60 percent threshold up to 100 percent over multiple years to bring the "Buy America" requirements for transit in line with the requirements in other modes.
- ▶ **Expanding access to markets and strengthening rural communities:** America's rural communities are the critical linkage in the Nation's multi-modal transportation network. From manufacturing to farming, freight logistics to energy production, and more, rural America is home to many of the Nation's most critical infrastructure assets including 444,000 bridges, 2.98 million miles of roadways, and 30,500 miles of interstate highways. Specifically, the GROW AMERICA Act will help increase deployment of broadband use in rural areas and improve the Federal Lands Transportation Program to achieve a strategic, high-use transportation system on roads that directly access Federal lands.
- ▶ **Modernizing the U.S. transportation system through technology and process innovation:** DOT is committed to accelerating the identification and deployment of innovation. Technological changes and innovation have the potential to transform vehicles and infrastructure, logistics, and delivery of transportation services to promote efficiency and safety. Likewise, process innovation has the potential to improve the way that the Government operates in the service of the American people. To that end, the GROW AMERICA Act is focused on:

- Encouraging innovative solutions through competition: By increasing funding for TIGER grants and providing greater legislative certainty for that program, the Act will encourage States and localities to bring more innovative, cross-modal proposals to the table and give the Department more resources to see that the most meritorious projects ultimately are constructed. In addition, the Act would dedicate \$6 billion over 6 years to establishing the Fixing and Accelerating Surface Transportation (FAST) program, designed to create incentives for State and local partners to adopt critical reforms in a variety of areas, including safety and peak traffic demand management. Federally inspired safety reforms, such as seat belt and drunk-driving laws, have saved thousands of American lives and avoided billions in property losses.
- Advancing future technologies: Investing \$935 million over 6 years in the future of vehicle safety and innovation, including the advancement of vehicle automation and vehicle-to-vehicle technologies.
- Improving project delivery and the Federal permitting process: The GROW AMERICA Act will help projects break ground faster by expanding on successful Administration efforts to modernize the permitting process while protecting communities and the environment. The Act will institutionalize capacity within DOT to improve interagency coordination and implement best practices, such as advancing concurrent, rather than sequential, project review, and using an online permitting dashboard to improve transparency and coordination and track project schedules. The Act will also increase flexibility for recipients to use Federal transportation funds to support environmental reviews and help to integrate overlapping requirements and eliminate unnecessary duplication.
- Encouraging regional coordination and local decisionmaking to improve outcomes: The Act includes policy reforms to incentivize improved regional coordination by Metropolitan Planning Organizations (MPOs), which are local communities' main voice in transportation planning. The GROW AMERICA Act also strengthens local decisionmaking in allocating Federal funding so that local communities can better realize their vision for improved mobility.

## PAYING FOR THE GROW AMERICA ACT WITH \$238 BILLION IN TRANSITIONAL REVENUE FROM COMPREHENSIVE, PRO-GROWTH BUSINESS TAX REFORM

Because rebuilding our transportation infrastructure is an urgent need, the Budget uses the Highway Trust Fund revenue anticipated under current law

in combination with revenues available from eliminating loopholes and rationalizing corporate tax rates to fully offset the cost of the GROW AMERICA Act.

# FEDERAL TRANSIT ADMINISTRATION

## FEDERAL TRANSIT ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Transit Formula Grants (TF) <sup>1</sup>	\$ 8,595.0	\$ 8,595.0	\$13,914.4
Administrative Expenses (TF) (non-add) <sup>2</sup>	0	0	[114.4]
Administrative Expenses (GF)	105.9	105.9	0
Capital Investment Grants (TF)	1,942.9	2,120.0	3,250.0
Rapid Growth Area Transit (TF)	0	0	500.0
Washington Metropolitan Area Transit Authority (WMATA) (GF)	150.0	150.0	150.0
Fixing and Accelerating Surface Transportation (TF)	0	0	500.0
Transit Research and Training (TF)	0	0	60
Transit Research (GF)	43.0	33.0	0
Technical Assistance and Training (GF)	5.0	4.5	0
Public Transportation Emergency Relief (TF)	0	0	25.0
<b>Total</b>	<b>\$10,841.8</b>	<b>\$11,008.4</b>	<b>\$18,399.4</b>
Rescission	- 97.2	- 121.5	0
<b>Direct FTE</b>	<b>525</b>	<b>566</b>	<b>625</b>

<sup>1</sup> Due to the expiration of MAP-21 on May 31, 2015, only \$5.722 billion of FY 2015 contract authority for Transit Formula Grants (\$8.595 billion) is available. Does not include flexible funding from FHWA of approximately \$1.3 billion in FY 2014, FY 2015, and FY 2016.

<sup>2</sup> Administrative Expenses are requested in the FY 2016 President's Budget in Transit Formula Grants.

## OVERVIEW

The Federal Transit Administration (FTA) provides grant funding to State, local, and Tribal governments, public and private transit operators, and other recipients to support public transit infrastructure and operations. The FY 2016 President's Budget **request of \$18.4 billion** will be used for grants to construct new public transit systems, purchase

and maintain transit vehicles and equipment, oversee transit safety, support regional transportation planning efforts, improve the technology and service methods used in the delivery of public transportation services, and increase funding for states and rural transit providers to assist with the capital and operating costs in rural areas.

## SUMMARY OF REQUEST

The President is requesting **\$18.4 billion in FY 2016 to strengthen transit safety oversight, bring our Nation's bus and rail transit infrastructure into a state of good repair, and provide new and expanded transit systems in many communities.** This is an increase of \$7.4 billion, or 67 percent above the FY 2015 enacted level. The President's Budget request demonstrates a strong commitment to continue and strengthen the surface transportation authorization programs established under MAP-21 by proposing a new 6-year authorization. The next phase of Federal transit programs will continue the emphasis on making transit safer for all riders, improving the condition of transit assets for better performance and efficiency, and enabling new transit systems and system extensions. The President's Budget request supports the following programs:

- ▶ **Transit Formula Grants:** The FY 2016 President's Budget requests **\$13.9 billion to provide grants** that support transit capital investment, state of good repair, safety, planning, bus and railcar purchases and maintenance, transit operations in small and rural areas, and agency operations.
  - Included in this account is an increase of **\$5.1 billion above FTA's current funding level to support strategic infrastructure investments.** These funds will help bring our Nation's rail **transit infrastructure into a state of good repair (a \$3.6 billion increase)** as well as **provide new buses and related facilities (a \$1.5 billion increase) to transit systems across the country.**
- ▶ **Capital Investment Grants:** The FY 2016 President's Budget requests **\$3.25 billion to support the construction of major capital projects** that provides new and expanded transit service, brings important economic benefits to communities, and helps address existing fixed-guideway transit corridors that are at or near capacity. This funding request includes \$320 million for a new Accelerated Project Development and Delivery Incentive category.
- ▶ **Rapid Growth Area Bus Rapid Transit Corridor Program:** The FY 2016 President's Budget requests **\$500 million for a new Bus Rapid Transit discretionary grant program** to help communities experiencing fast-growing populations. While population growth spurs economic development, it can also stress and strain existing infrastructure, cause congestion, and result in poor air quality. This program will help ease the stress and strain of rapid growth in communities and encourage multi-modal development along corridors, which will be aided by allowing Federal-Aid Highway funding to be used as part of the local funding match.
- ▶ **Transit Research and Training:** The 2016 President's Budget requests **\$60 million** to support **research activities** that improve the safety, reliability, efficiency, and sustainability of public transportation systems by investing in the development, testing, and deployment of innovative technologies, materials, and processes. These activities will help to create "**Ladders of Opportunity**" for transit-dependent populations that will help **improve access to jobs and educational opportunities.**
- ▶ **Public Transportation Emergency Relief:** The FY 2016 President's Budget requests **\$25 million** to provide capital and operating assistance to help transit agencies **restore needed transportation services** immediately following disasters.

- ▶ **Washington Metropolitan Area Transit Authority (WMATA):** The FY 2016 President's Budget requests a total of **\$150 million to address WMATA's reinvestment and maintenance backlog** to improve the safety and reliability of service and to expand existing system capacity to meet growing demand. This funding continues the 10-year, \$3 billion capital improvement program in which Federal funding is matched dollar-for-dollar by local and State support.
- ▶ **Fixing and Accelerating Surface Transportation (FAST):** The FY 2016 President's Budget requests **\$500 million for a new competitive grant program** that will encourage innovative solutions to our most pressing transportation challenges. State and local partners will be evaluated on their willingness to commit to performance improvements in important areas such as safety or congestion management.

## PROPOSED FY 2016 FUNDING FOR FTA CAPITAL INVESTMENT GRANT PROGRAM

Dollars in Millions

FY 2016

### Existing New Starts Full Funding Grant Agreements With Remaining Funding Needs—Projects Under Construction or Open for Service

CA	Regional Connector Transit Corridor	Los Angeles	\$ 115
CA	Westside Subway Extension-Section 1	Los Angeles	115
CA	Third Street Light Rail-Central Subway Project	San Francisco	165
CA	Silicon Valley Berryessa Extension	San Jose	165
CO	RTD Eagle, Denver	Denver	165
HI	High Capacity Transit Corridor	Honolulu	265
MA	Cambridge to Medford, Green Line Extension	Boston area	165
NC	Blue Line Extension-Northeast Corridor	Charlotte	115
OR	Portland-Milwaukie LRT	Portland	115

**Total Existing New Starts Full Funding Grant Agreements** **1,385**

### New Starts Projects Recommended for Full Funding Grant Agreements

CA	Westside Section 2	Los Angeles	100
CA	Mid-Coast Corridor	San Diego	150
CO	Southeast Extension	Denver	92
MD	Red Line	Baltimore	100
MD	Maryland National Capital Purple Line	Washington, DC area	100
MN	Southwest LRT	Minneapolis	150
TX	TEX Rail	Fort Worth	100

**Total Recommended New Starts Projects** **792**

### Core Capacity (project listed for illustrative purposes only, not yet ready for construction grants)

IL	Red and Purple Line Modernization Project	Chicago	—
NY	Canarsie Line Power Improvements	New York	—
TX	DART Platform Extension	Dallas	—

**351**

### Small Starts Projects Recommended for Small Starts Grant Agreements

CA	FAX Blackstone/Kings Canyon BRT	Fresno	11
CA	Van Ness Avenue BRT	San Francisco	30
CA	San Rafael to Larkspur Regional Connector	San Rafael	20
NC	CityLYNX Gold Line Phase 2	Charlotte	75
NV	4th St/Prater Way Corridor	Reno	6
OH	Cleveland Avenue BRT	Columbus	38
TX	Montana Corridor BRT	El Paso	27
UT	Provo Orem BRT	Provo	71
WA	Tacoma Link Light Rail Expansion	Tacoma	75

**Total Small Starts** **353**

Accelerated Project Delivery and Development<sup>1</sup> 320

Oversight Activities 49

**Grand Total** **\$3,250**

<sup>1</sup> For projects that may become ready for construction grant agreements during FY 2016, accelerated project development work including planning activities, and not less than \$75 million for projects in Small Urban/Rural areas with less than 200,000 in population meeting a set of new eligibility parameters and streamlined evaluation criteria.

## FEDERAL TRANSIT ADMINISTRATION AMERICA BENEFITS BY...

- Public transportation ridership continues to grow. Last year, **transit ridership exceeded 10.5 billion trips, the highest ridership level since 1956**. Trends based on census and other demographic data sources indicate that we should expect strong transit ridership growth in the future. The United States will see a population increase of approximately 80 million new residents by 2050, and in many cities transit service may not be able to handle many of the additional riders.
- Public transportation systems **provide substantial cost savings to Americans** who use transit. According to American Public Transportation Association's (APTA) December 2014 Transit Savings Report, an individual who commutes using public transportation instead of owning and driving a vehicle can save an average of more than \$9,500 annually on car payments, fuel, vehicle maintenance, insurance, and parking costs.
- FTA capital investment grants **enable municipalities to invest in major transit infrastructure projects** that yield additional benefits such as **promoting more efficient land use patterns that connect people with jobs and services**. Many investments promote higher density land use that help municipalities make better use of valuable real estate near urban centers and provide opportunities for transit operators to realize higher revenues from fares and from the sale or rent of agency-owned properties. Streetcar and bus rapid transit systems can benefit smaller cities that do not have ridership to support light or heavy rail service.
- FTA funding supports transit systems that provide **substantial public benefits including reducing the need for roadway capacity for more automobiles, reducing congestion and pollution levels, and improving mobility and accessibility, particularly for low-income, the elderly, and disabled individuals**. For example, in order to provide enough roadway capacity for all of the riders currently using transit in the Washington, D.C. region, 1,000 additional lane miles of arterials and highways would be needed to maintain current travel speeds. To accommodate the extra automobiles, the city would also have to approximately double the number of existing parking spaces.
- Several FTA programs provide funding for transit operators to **improve the condition and performance of their systems and help bring our Nation's infrastructure into a state of good repair**. According to FTA research, the Nation's transit systems have amassed an \$86 billion maintenance backlog that continues to grow. These systems must be brought into a state of good repair in order to provide the high quality transit service our citizens expect.

# FEDERAL HIGHWAY ADMINISTRATION

## FEDERAL HIGHWAY ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Federal-Aid Highways Obligation Limitation (TF) <sup>1, 2</sup>	\$40,256.0	\$40,256.0	\$50,068.2
Exempt Mandatory Federal-Aid Highways (TF) <sup>3</sup>	685.8	685.1	739.0
Limitation on Admin Expenses (non-add) <sup>4</sup>	[419.3]	[415.0]	[442.2]
<b>Subtotal</b>	<b>40,941.8</b>	<b>40,941.1</b>	<b>50,807.2</b>
Payment to the Transportation Trust Fund (GF) (non-add)	[21,457.8]	0	[39,733.0]
Fixing and Accelerating Surface Transportation (TF)	0	0	500.0
<b>Total</b>	<b>\$40,941.8</b>	<b>\$40,941.1</b>	<b>\$51,307.2</b>
<b>Direct FTE</b>	<b>2,655</b>	<b>2,560</b>	<b>2,652</b>

<sup>1</sup> Flexible funding transfers to/from FTA were \$1.3 billion in FY 2014 and the Department estimates flexible funding transfers of \$1.3 billion for FY 2015 and FY 2016.

<sup>2</sup> Does not reflect penalty transfers to NHTSA, which were \$100 million in FY 2014.

<sup>3</sup> FY 2014 and FY 2015 exempt amounts are shown after reductions due to sequestration.

<sup>4</sup> FY 2015 annual appropriations (PL 113-235) provided \$429,348,000 of obligation limitation for administrative expenses; however, the contract authority level provided by the authorization extension through May 31, 2015 (PL 113-159), when annualized for the full year, would be only \$415,000,000.

## OVERVIEW

The Federal Highway Administration (FHWA) promotes the development, operation, and management of a safe, economically efficient, and environmentally sound intermodal surface transportation system that provides a foundation for the Nation to compete in the global economy. The FY 2016 President's Budget request of \$51.3 billion provides FHWA with the resources necessary for State, local,

and other Federal transportation agencies to improve the condition and performance of their highway and roadway systems in ways that protect the environment, provide user access and choices, and benefit from advances in technology and innovation. The FY 2016 President's Budget request reflects the first year of the Administration's 6-year surface transportation reauthorization proposal.



## SUMMARY OF REQUEST

The President is requesting **\$51.3 billion in FY 2016 to invest in our Nation's highway and bridge infrastructure**. This is a \$10.3 billion increase above FY 2015 funding levels. The Federal Highway Administration's (FHWA) FY 2016 Budget continues the program structure established under MAP-21, but with several key additions that will enhance our Nation's transportation infrastructure. Built on past successes, the structure strives to enhance the safety, performance, condition, and efficiency of the Nation's highway system.

- ▶ **Freight Program:** The President's Budget requests **\$1.0 billion for a new program providing a dedicated source of funding to improve the delivery of freight projects**, which will foster economic growth. The program will incentivize regional planning by providing funding for multi-modal, multi-jurisdictional, and corridor-based projects, and by requiring the development of statewide freight plans with regional planning participation.
- ▶ **The Critical Immediate Safety Investments Program (CISIP):** The President's Budget requests **\$7.5 billion as part of the "Fix-it-First" initiative to focus on the reconstruction, restoration, rehabilitation, preservation, or safety improvement of existing highway assets**. The program will reduce the number of structurally deficient Interstate Highway System bridges, target safety investments and support a state of good repair on the National Highway System (NHS).
- ▶ **Highway Safety Improvement Program:** The President's Budget requests **\$2.6 billion** for the performance-based Highway Safety Improvement Program to provide funding to significantly **reduce traffic fatalities and serious injuries on all public roads for all road users including pedestrians and bicyclists**. FHWA, through national leadership and innovation, focuses on improving the safety of roadway infrastructure on all public roads, including non-State-owned public roads and roads on Tribal lands, using a data- and performance-driven strategic approach.
- ▶ **National Highway Performance Program:** The President's Budget requests **\$22.3 billion** for the performance-based National Highway Performance Program (NHPP), which **focuses significant Federal resources on the National Highway System (NHS)**. The 220,000-mile NHS provides mobility to the vast majority of the Nation's population and almost all of its commerce, carrying 55 percent of all vehicular traffic, serving 53 percent of U.S. highway border crossings, and handling 98 percent of total truck trade with Canada and Mexico. The NHPP will improve the **condition and performance** of the NHS; support the **construction of new facilities** on the NHS; and help ensure that investments of Federal-Aid Highway funds in highway construction support progress toward the achievement of performance targets. The program includes performance management features, holds States accountable for achieving performance targets, and provides flexibility to States for making transportation investment decisions.
- ▶ **Surface Transportation Program:** The President's Budget requests **\$10.3 billion** for the Surface Transportation Program (STP) which provides flexible funding that may be used by States and localities for projects to **preserve and improve the condition and performance on Federal-Aid highways, bridges on any public road, transit capital projects (including intercity**

**bus terminals), and bicycle and pedestrian facilities.** The flexible nature of this program ensures States are able to direct funding to areas of greatest need while also fostering innovation. This program will give transportation agencies the ability to target funding to State and local priorities. States will identify projects for STP funding in consultation with local transportation officials in rural areas and in cooperation with the Metropolitan Planning Organization (MPO) in metropolitan areas.

- ▶ **Congestion Mitigation and Air Quality Improvement Program:** The President's Budget requests **\$2.3 billion** for the Congestion Mitigation and Air Quality (CMAQ) Improvement Program to help States, local governments, and private-sector sponsors **reduce highway congestion and harmful emissions** and assist many areas in reaching attainment of the National Ambient Air Quality Standards (NAAQS), a strong environmental priority. The CMAQ program provides a flexible funding source for State and local governments to fund transportation projects and programs that are designed to help States meet the requirements of the Clean Air Act and its amendments, and help reduce regional congestion on transportation networks.
- ▶ **Metropolitan Transportation Planning Program:** The President's Budget requests **\$320 million** for the Metropolitan Transportation Planning Program to **provide funds for use by Metropolitan Planning Organizations (MPOs) for multi-modal transportation planning and programming** in metropolitan areas. Metropolitan planning activities include the collection and analysis of data on demographics, trends, and system performance; travel demand and system performance forecasting; identification and prioritization of transportation system improvement

needs; and coordination of the planning process and decisionmaking with the public, elected officials, and stakeholder groups.

- ▶ **Transportation Alternatives Program:** The President's Budget requests **\$847 million** for the Transportation Alternatives Program to **foster quality of life improvements** through policies and investments that increase transportation choices and access to transportation services. The program creates safe, accessible, attractive, and environmentally sensitive communities where people want to live, work, and engage in recreation. This program provides resources to expand transportation choices and enhance the transportation experience.
- ▶ **Federal Lands and Tribal Programs:** The President's Budget requests **\$1.3 billion** for transportation construction and engineering projects on Federal and Tribal Lands, **including \$150 million in "Fix-it-First" funding** to support construction or reconstruction of large, nationally significant transportation infrastructure assets. This funding will be used for construction and engineering projects that will provide multi-modal access to basic community services including safer all-weather access to schools and healthcare facilities for 566 federally recognized sovereign Tribal governments, improve multi-modal access to recreational areas on public lands/national treasures, and expand economic development in and around Federal and Tribal lands while preserving the environment and reducing congestion.
- ▶ **Transportation Infrastructure Finance and Innovation Act (TIFIA) Program:** The President's Budget requests **\$1 billion** for the TIFIA Program to cover the subsidy cost of providing **credit assistance for nationally or regionally significant transportation projects.** The TIFIA

Program makes the most of scarce budgetary resources—by offering loans. The TIFIA Program leverages \$1 billion in Federal funds to stimulate up to \$30 billion in infrastructure investment. This program facilitates private participation in transportation projects and encourages innovative financing mechanisms that help advance projects sooner. The TIFIA loan portfolio is currently \$21 billion.

- ▶ **Research, Technology, and Education Program:** The President’s Budget requests **\$496 million** for the Research, Technology, and Education (RT&E) Program to provide for a **comprehensive, nationally coordinated research, technology, and education program**. The proposal carries forward the MAP-21 restructured FHWA research, development, and technology activities, which include a highway research and development program, a technology and innovation deployment program, and a training and education activities program. Research supporting innovative finance efforts is also included. In addition, there is **up to \$25**

**million for implementation of the Future Strategic Highway Research Program to accelerate innovation delivery and technology implementation.**

- ▶ **Federal Allocation Programs:** The President’s Budget requests **\$502 million for eight important programs:** Emergency Relief, Territorial and Puerto Rico Highways Program, Construction of Ferry Boats and Ferry Terminal Facilities, Ladders of Opportunity, On-the-Job Training, Disadvantaged Business Enterprise, Highway Use Tax Evasion, and Performance Management Data Support.
- ▶ **Fixing and Accelerating Surface Transportation (FAST):** The FY 2016 President’s Budget requests **\$500 million for a new competitive grant program** that will encourage innovative solutions to our most pressing transportation challenges. State and local partners will be evaluated on their willingness to commit to performance improvements in important areas such as safety or congestion management.

## FEDERAL HIGHWAY ADMINISTRATION AMERICA BENEFITS BY...

- **Making roads safer:** The number of **highway-related fatalities has decreased by about 25 percent between 2004 and 2013**. The decrease coincides with, and is at least partly attributable to, the establishment and continuation of the Highway Safety Improvement Program as a core Federal-Aid Highway program and its integration with other safety programs across the Department.
- **Spurring the U.S. economy:** The highway program is a key driver of the U.S. economy. Our Nation’s **highways and bridges are critical to the effective movement of people and goods, including food, energy, and manufactured goods**. An efficient, reliable freight network allows people and goods to be moved more quickly and reliably to their destinations, **lowering costs and improving productivity across the Nation**.

## FEDERAL HIGHWAY ADMINISTRATION AMERICA BENEFITS BY...(continued)

- **Improving highway conditions and performance:** The share of Federal-Aid Highway travel occurring on pavements with good ride quality **rose significantly from 48 percent in 2001 to 59 percent in 2014 despite an increase in NHS mileage of over 50,000 miles due to MAP-21.** Bringing pavements up to a state of good repair yields benefits to system users in the form of decreased wear and tear on vehicles and resulting repair costs, reduced traveler delays, and lower crash rates.
- **Improving bridge condition and performance:** Over the last decade, even as the total number of bridges in the Nation's inventory increased from 594,100 to 607,751, **the percentage of bridges classified as structurally deficient dropped from 13.5 percent in 2004 to 10.5 percent in 2013.** Similarly, the percentage of the deck area (considering bridge size) on bridges classified as structurally deficient has dropped from 10.1 percent in 2004 to 7.7 percent in 2013.
- **Moving people and goods more efficiently:** FHWA provides national leadership in the areas of congestion management, Intelligent Transportation Systems, traffic operations, emergency management, and freight management and operations.
- **Creating jobs:** Besides allowing for crucial investments in America's highway and bridge infrastructure, the Federal-Aid Highway Program also puts tens of thousands of Americans to work. Currently, **there are approximately 115,000 open projects, resulting in annual highway expenditures of over \$150 billion.** This investment creates and supports good-paying jobs in the construction industry throughout the Nation.
- **Spurring innovation:** The **Every Day Counts (EDC) initiative** seeks to increase innovation at every stage of the highway project lifecycle. Launched in 2010 as a partnership with State and local agencies, EDC has now moved into a third phase focusing on "efficiency through collaboration and technology." These innovations continue the goal of shortening project delivery, enhancing roadway safety, reducing congestion, and improving environmental sustainability.
- **Safeguarding taxpayer funds:** FHWA's risk-based stewardship and oversight program include program reviews, quality assurance reviews, project and process evaluations, and performance management indicators. Additionally, our Financial Integrity Review and Evaluation (FIRE) program helps ensure that Federal funds are properly managed and safeguarded from fraud, waste, and abuse.

# FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION

## FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Motor Carrier Safety Operations and Programs (TF) (Direct Only) <sup>1</sup>	\$259.0	\$271.0	\$329.2
Motor Carrier Safety Grants (TF)	313.0	313.0	339.3
National Motor Carrier Safety for Border Facilities <sup>2</sup>	13.0	0	0
<b>Total</b>	<b>\$585.0</b>	<b>\$584.0</b>	<b>\$668.5</b>
<b>Direct FTE</b>	<b>1,039</b>	<b>1,114</b>	<b>1,215</b>

<sup>1</sup> The Consolidated and Further Continuing Appropriations Act, 2015, made \$12 million in unobligated balances available in this account to fund additional grants, a study related to service hours, and information technology enhancements related to new carrier vetting, among other purposes.

<sup>2</sup> The FY 2014 Omnibus Appropriations Act made available \$13 million in expired authority from this account to fund renovation and maintenance of border facilities.

## OVERVIEW

The Federal Motor Carrier Safety Administration (FMCSA) promotes safety and provides resources to support State efforts to reduce severe and fatal commercial motor vehicles crashes. FMCSA accomplishes its mission by raising the bar to enter into the commercial motor vehicle industry, by requiring operators to maintain standards to remain in the industry and by removing high-risk carriers, vehicles, drivers, and service providers from operation. The FY 2016 President's Budget

request of \$669 million provides the resources necessary to support nationwide motor carrier safety and consumer enforcement efforts, including the continuation of the Compliance, Safety and Accountability (CSA) Program; household goods regulation and enforcement; and Federal safety enforcement activities at the borders to ensure that foreign-domiciled carriers entering the United States are in compliance with FMCSA Regulations.

## SUMMARY OF REQUEST

The President is **requesting \$669 million in FY 2016 to invest in safe motor carrier and commercial motor vehicle (CMV) operations** and to **reduce large truck and bus crashes, injuries, and fatalities**. The Budget also requests an increase of 101 FTEs primarily to support Safety Intervention Programs, and information technology infrastructure improvements.

- ▶ **Motor Carrier Safety Operations and Programs:** The President's Budget requests **\$329 million in FY 2016 to fund research, technology, and programs that reduce serious injuries and deaths** resulting from commercial motor vehicle crashes. Funds will also be used for administrative expenses in support of FMCSA's efforts to develop, implement, and enforce safety programs. The following programs are funded accordingly:
  - **Research: \$10 million** is requested for multi-year Research and Technology **programs focused on producing safer drivers and carriers**.
  - **Information Technology (IT) Development and Sustainment: \$43 million** is requested for the **operations, maintenance, and logistical support of the safety mission critical systems** and to continue building out the **modernized IT architecture**.
  - **General Operations: \$277 million** is requested to carry out the Agency's predominate safety mission and affiliated support functions. This includes \$9 million for the Motorcoach Safety Oversight Program as well as a request of **\$22 million for the implementation of FMCSA's Capital Improvement Plan**, \$3 million to

continue enhancements to FMCSA's Safety Fitness Determination model for newly registering carriers, and \$2 million for the enhancement of safe transportation of energy products.

- ▶ **Motor Carrier Safety Grants:** The FY 2016 President's Budget requests **\$339 million for the Motor Carrier Safety Grants** program. The Agency's proposed reauthorization **reengineers our existing programs to reduce the application and compliance burden on our grantees** and to **reduce the Federal cost of administering Agency grant programs**, allowing savings to be redirected to FMCSA's safety mission. This request bolsters the resources available to award grants that are used to support investigations and interventions in States, identify and apprehend traffic violators, and conduct roadside inspections:
  - **Motor Carrier Safety Assistance Program (MCSAP): \$284 million** is requested for both formula and discretionary funding to **support programs that improve motor carrier compliance** and safety through State and local law enforcement programs. Formula grants fund roadside inspections, interventions, compliance reviews, and targeted enforcement, while discretionary funds support FMCSA's High Priority program, which encourages best practices and innovative enforcement of safety initiatives at the State and local level. FMCSA's reauthorization proposal combines our existing Basic and Incentive MCSAP grants with legacy grant programs. Condensing these programs reduces administrative burdens on our State partner agencies.

- Commercial Driver's License (CDL) Program Improvement: **\$34 million** is requested to provide funding for grants to States that focus on the operator's role in commercial vehicle safety and CDL improvement programs. The requested increase will assist States to create uniform CDL compliance plans.
- Innovative Technology Deployment (ITD): As part of the proposed reauthorization,

FMCSA intends to alter the existing Commercial Vehicle Information Systems and Networks (CVISN) program **into the Innovative Technology Deployment** program, requesting \$20 million. With CVISN type systems deployed in 47 States, the program can shift to fund the most innovative proposals to enhance the safety and productivity of America's motor carriers.

## FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION AMERICA BENEFITS BY...

The FMCSA regulates approximately 539,000 active interstate freight motor carriers, 12,000 passenger carriers, 5,000 intrastate hazardous materials carriers, and approximately 4 million active CDL holders. In 2013, the Department estimates that:

- There were over **11 million U.S.-registered large trucks and buses, traveling more than 290 billion vehicle miles.**
- The total miles traveled by all vehicles **grew 7 percent** from 2002 to 2013.
- Large truck- and bus-related mileage **grew 31 percent** from 2002 to 2013, while registrations for large trucks and buses increased by about 32 percent.

Despite this continued growth in commercial vehicle traffic, there was a **23-percent reduction in fatalities in crashes involving large trucks and buses, from 5,539 in 2005 to 4,251 in 2013.** This reflects a 40-percent reduction from

1979, the year with the most fatalities involving large trucks and buses. The rate of injuries in crashes involving large trucks and buses has also declined over the last two decades. The decline in injuries and fatalities is due in part to the safety efforts of FMCSA and its partners:

- **In FY 2013, FMCSA conducted approximately 3.5 million truck and bus roadside inspections. 21 percent of trucks inspected were put out of service, 7 percent of buses inspected were put out of service, and 5 percent of drivers inspected were put out of service.**
- Safety Investigators conducted more than 17,000 investigations in FY 2013. As a result of these investigations, 4,985 Notice of Claims (NOC), 771 Unsatisfactory/Unfit Out-of-Service (OOS) Orders, and 37 Imminent Hazard OOS Orders were issued.
- Safety Auditors also conducted 32,890 new entrant safety audits.

## FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION AMERICA BENEFITS BY...(continued)

FMCSA's roadside inspection and traffic enforcement programs are premised on the notion that correcting serious driver and vehicle violations at the roadside prevents future crashes and hence saves lives. Based on models that assess the number and type of violations found each year at the roadside, the agency estimates that it prevents roughly 19,000 crashes per year as a result of these programs and saves about 600 lives per year. External factors such as demographics, economic conditions, gas prices, and the increased use of public transportation have also had an impact on the reduction of injuries and fatalities.

More than **3 million inspections** are done **annually**. If FMCSA's grant programs were not in place, it is estimated that less than **600,000 inspections could be conducted each year**, which could result in 80 percent more unsafe vehicles on the roadway (this is based on State inspection behavior data prior to 1985).

In 2013, 4,251 people were killed in large truck and bus crashes and approximately 133,000 individuals were injured. **The estimated costs of commercial motor vehicle crashes resulting in fatalities and injuries exceeded \$81 billion in 2013.**



# NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

## NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Operations and Research—Vehicle Safety (GF)	\$134.0	\$130.0	\$ 0
Operations and Research—Vehicle Safety (TF)	0	0	179.0
Operations and Research—Highway Safety Research and Development (TF)	123.5	138.5	152.0
Highway Traffic Safety Grants (TF)	561.5	561.5	577.0
<b>Total</b>	<b>\$819.0</b>	<b>\$830.0</b>	<b>\$908.0</b>
<b>Direct FTE</b>	<b>586</b>	<b>610</b>	<b>669</b>

## OVERVIEW

The National Highway Traffic Safety Administration (NHTSA) is charged with reducing traffic crashes and the related deaths and injuries. The FY 2016 President's Budget request is \$908 million to enable NHTSA to continue to establish and enforce safety standards for motor vehicles and motor vehicle equipment, conduct research and development on vehicle safety and driver behavior,

set and enforce fuel economy standards, conduct public awareness campaigns to combat safety risks such as drunk and distracted driving, provide consumers with independent and reliable information about the crash-worthiness and safety features of new vehicles, operate the National Driver Register, and administer a comprehensive program of safety grants to the States.

## SUMMARY OF REQUEST

The President is requesting **\$908 million** for the National Highway Traffic Safety Administration (NHTSA) **to invest in initiatives that reduce traffic crashes and the 30,000 deaths that result each year.** The President's Budget request proposes this increased level to address emerging traffic and vehicle safety issues, promote new technologies, and address safety defects that present a risk to the driving public. The FY 2016 President's Budget request will support NHTSA's **ongoing effort to improve traffic safety.** **Pedestrian safety** will continue to be a priority area. NHTSA plans to work with the States to implement education and enforcement components of the Pedestrian Safety Action Plans and will work with other DOT Operating Administrations to conduct safety assessments in every State. NHTSA will continue its public awareness campaigns proven to save lives and reduce crashes and address the needs of hard-to-reach segments of the American public.

NHTSA also recognizes the enormous **role technology can play** in vehicle safety. The President's Budget request will support NHTSA's plans to expand the Agency's focus on technology, especially on crash avoidance technologies and distracted driving issues.

The President's Budget request reflects changes to the Agency's program **consistent with the Administration's proposed GROW AMERICA Act.** These changes include clarifying a number of vehicle-related provisions to strengthen the oversight and enforcement of safety regulations, increasing civil penalty limits and adding imminent hazard authority, funding distracted driving grants to promote enactment and enforcement of State distracted-driving laws, streamlining State grant application processes, and expanding the scope of the National Emergency Medical State Information Systems technical assistance center.

► **Operations and Research:** The FY 2016 President's Budget requests **\$331 million in Operations and Research activities.** Specific initiatives include:

- Office of Safety Defects Investigation: **\$31.3 million** is requested to enable NHTSA's **Office of Defects Investigation (ODI) to improve its effectiveness and meet growing challenges to identify safety defects quickly,** ensure remedies are implemented promptly, and ensure the public is informed of critical information in an effective manner. This request would more than double the number of personnel currently working in the Office of Safety Defects Investigation.
- Highway Safety Research and Analysis: **\$152 million** is requested to support NHTSA's safety goals through behavioral research, demonstrations, and technical **assistance to States.** NHTSA activities emphasize national leadership relating to alcohol and drugged driving countermeasures, occupant protection, distraction, traffic law enforcement, motorcycle riders, pedestrian and bicycle safety, and young and older driver safety programs. NHTSA coordinates these efforts with numerous Federal partners, State and local governments, and other organizations and safety associations.
- Crash Data Collection: **\$41.7 million** is requested to support NHTSA's **crash data collection activities in two major areas: continuing three legacy systems—the Fatality Analysis Reporting System (FARS), State Data Systems (SDS), and Special Crash Investigations (SCI)—as well as the implementation of the two newly modernized**

- systems**—the Crash Report Sampling System (CRSS) and the Crash Investigation Sampling System (CISS)—that will increase data reliability, expand data collection, and improve information technology.
- **New Car Assessment Program (NCAP): \$14 million** is requested to maintain test coverage at **85 percent of the new cars consumers buy** and to plan and implement enhancements including expansion of the advanced crash avoidance technologies incorporated in the program.
  - **Corporate Average Fuel Economy (CAFE): \$7.9 million** is requested to **support future rulemaking programs**, including rulemaking activity for the post-2018 Medium- and Heavy-Duty Vehicle fuel efficiency program and comprehensive rulemaking for the CAFE program addressing model year 2022 and beyond.
  - **Emerging Technologies, Electronics, and Alternative Fuels: \$7.1 million** is requested to conduct **research on advanced and emerging technologies** and alternative fuel vehicles that require thorough testing to ensure their level of safety for vehicle occupants is comparable to that of other vehicles.
- ▶ **Highway Traffic Safety Grants:** The FY 2016 President’s Budget requests **\$577 million for Highway Traffic Safety Grants**. The request is consistent with the proposed GROW AMERICA Act, which authorizes Section 402 Formula Grants and the consolidated Section 405 National Priority Safety Programs that now include additional programs such as distracted driving grants and State-graduated driver licensing laws.
- **State and Community Highway Safety Grants (Section 402): \$241.1 million** is requested for the State and Community Highway Safety grants program that is the foundation of **NHTSA’s State highway safety initiatives**. These formula grants directly support the Department’s safety goals by providing flexibility to States to address pervasive and emerging highway safety problems. This program also provides funding for a comprehensive State traffic safety enforcement program critical to maintaining State traffic safety improvements.
  - **National Priority Safety Programs (Section 405): \$278.7 million** is requested to continue NHTSA’s focus on **occupant protection and impaired driving; improve State traffic safety information systems**; and, oversee authorized grant programs aimed at incentivizing the distracted driving laws and graduated driver licensing laws. This request will also allow the States to increase the deployment of ignition interlocks, establish driving while intoxicated (DWI) Courts, expand the use of Traffic Safety Resource Prosecutors, and expand Advanced Roadside Interdiction and Detection training and drug recognition expert (DRE) training for law enforcement.
  - **High-Visibility Enforcement: \$29 million** is requested for the promotion and administration of the highly successful annual **Click It or Ticket** effort to increase seatbelt use, the Labor Day and December anti-distracted driving campaigns, and the **Drive Sober or Get Pulled Over** impaired driving initiative.

## SAFETY PERSONNEL

**Additional Safety-Related Personnel: Within the President’s FY 2016 budget for NHTSA, 59 additional safety-related FTEs are requested—43.5 FTEs are requested for Vehicle Safety, 8.5 FTEs for Highway Safety, and 7 FTEs for the Highway Safety Grants program. This request will improve NHTSA’s ability to identify defective vehicles and equipment and implement recalls. It includes electrical and**

systems engineers to conduct research on emerging issues including battery and hybrid technologies and new vehicle propulsion systems. This FTE level will also support development of safety and fuel economy standards and efforts to address emerging safety issues, such as distraction and electronic controls, and development and implementation of strategies to encourage safe driving.

### FY 2016 HIGHWAY TRAFFIC SAFETY GRANTS

Dollars in Millions

Grant Programs	FY 2016 Request
<b>Section 402</b> Formula Grants	\$241.10
<b>Section 405</b> Occupant Protection	44.60
<b>Section 405</b> State Traffic Safety Information Systems Grants	40.40
<b>Section 405</b> Impaired Driving Countermeasures Grants	146.30
<b>Section 405</b> Distracted Driving Grants	23.70
<b>Section 405</b> Motorcyclist Safety Grants	4.20
<b>Section 405</b> State Graduated Driver Licensing Laws	13.90
<b>Section 403h</b> In-Vehicle Alcohol Detection Device Research	5.60
<b>Section 2009</b> High Visibility Enforcement	29.00
Administrative Expenses	28.20
<b>TOTAL</b>	<b>\$577.00</b>

## NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION AMERICA BENEFITS BY...

- **Saving Lives:** NHTSA is responsible for **reducing deaths, injuries, and economic losses resulting from motor vehicle crashes.** This is accomplished by setting and enforcing safety performance standards for motor vehicles and motor vehicle equipment and through grants to State and local governments to enable them to conduct effective local highway safety programs. **NHTSA has helped reduce roadway fatalities nearly 25 percent over the past decade.**
- **Driver Safety and State Grant Programs:** NHTSA improved State oversight of Highway Traffic Safety Grant programs, which **support State efforts to enforce traffic safety laws.** NHTSA continues to operate **a menu of high profile public awareness campaigns** such as *Click It or Tick It* combating drunk and drugged driving, promoting seat belt use, and encouraging other behaviors proven to reduce deaths and injuries, while **implementing new programs** for Distracted Driving, Graduated Driver Licensing, and pedestrian/bicycle safety. **NHTSA leads the way in working with States** to measure State safety program performance and is now working with other DOT Operating Administrations to expand this data-driven approach.
- **Vehicle Safety Recalls:** Over the past decade, NHTSA investigations have led to the **recall of nearly 100 million vehicles and items of motor vehicle equipment.** In the last year alone, **NHTSA initiated the largest child seat recall in history and issued more than \$126 million in fines against automakers** that failed to meet their reporting and recall requirements—more than the Agency has issued in its entire history. NHTSA will continue to make this a high priority area, pushing automakers to act quickly on safety defects, launching investigations when automakers fail to do so, and gathering all necessary data to protect the motoring public.
- **5-Star Safety Ratings:** NHTSA enhanced the **5-Star crash test/rating initiative under the New Car Assessment Program (NCAP)** to make the test criteria more stringent and to include identification of new vehicle safety technologies and best-fit information on child safety seats.
- **Improving Fuel Economy:** NHTSA finalized **groundbreaking fuel economy standards in conjunction with the EPA through the Corporate Average Fuel Economy Program (CAFE) to nearly double efficiency** for new cars and light-duty trucks by Model Year 2025, saving consumers \$1.7 trillion at the gas pump and reducing U.S. oil consumption by 12 billion barrels.
- **World-Class Safety Data:** NHTSA continues the **revision of our statistical methodology and information technology infrastructure** to collect crash data in the future to reflect shifting demographics and the need to collect different and more data, and initiated the development of **a more streamlined data collection system** including a modern database and enhanced data analytical techniques.

# FEDERAL RAILROAD ADMINISTRATION

## FEDERAL RAILROAD ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Safety and Operations (GF)	\$ 184.5	\$ 186.9	\$ 203.8
Railroad Research and Development (GF)	35.3	39.1	39.3
Operating Grants to the National Railroad Passenger Corporation (GF)	340.0	250.0	0
Capital and Debt Service Grants to the National Railroad Passenger Corporation (GF)	1,050.0	1,140.0	0
Rail Safety Grants (GF)	0	10.0	0
<b>Subtotal-General Fund</b>	<b>1,609.8</b>	<b>1,626.0</b>	<b>243.1</b>
<b>National High-Performance Rail System</b>			
Current Passenger Rail Service (TF)	0	0	2,450.0
Rail Service Improvement Program (TF)	0	0	2,325.0
<b>Subtotal-Trust Fund</b>	<b>0</b>	<b>0</b>	<b>4,775.0</b>
<b>Total</b>	<b>\$1,609.8</b>	<b>\$1,626.0</b>	<b>\$5,018.1</b>
Rescission	- 6.4	0	0
<b>Direct FTE</b>	<b>851</b>	<b>884</b>	<b>979</b>

## OVERVIEW

The Federal Railroad Administration's (FRA) mission is to enable the safe, reliable, and efficient movement of people and goods for a strong America, now and in the future. To advance this mission, the FY 2016 President's Budget requests \$5 billion to improve rail safety and to invest in a National High-Performance Rail System. The Budget requests

predictable, dedicated funding for this investment that will increase access to opportunities for American workers and companies and will provide a strong foundation to support our 21st century economy. Moreover, it will ensure that rail continues to be a safe, cost-effective, and environmentally friendly and safe mode to move people and freight.

To continue the decades-long progress in rail safety performance, FRA is requesting \$3.4 billion in additional resources to focus on today's three most pressing rail safety issues:

- ▶ Increasing rail transportation of crude oil, ethanol, and liquefied natural gas.

- ▶ Passenger rail safety issues that surfaced in the wake of the Metro-North accidents.
- ▶ Highway-rail grade crossing and pedestrian safety.

## SUMMARY OF REQUEST

The President is requesting **\$5 billion in FY 2016 to invest in rail safety and development programs**, an increase of nearly \$3.4 billion above FY 2015 enacted levels.

**NATIONAL HIGH-PERFORMANCE RAIL SYSTEM:** Consistent with the President's comprehensive surface transportation legislative proposal, the FY 2016 Budget requests \$4.8 billion to establish a National High-Performance Rail System (NHPRS) to support current operations and to improve the rail system for the future. FY 2016 is the first year of a proposed 6-year \$28.55 billion rail reauthorization proposal, which includes two major new programs: Current Passenger Rail Service and the Rail Service Improvement Program. These activities will be funded from a proposed new Rail Account to be included in the proposed Transportation Trust Fund.

- ▶ **Current Passenger Rail Service:** The President's Budget requests **\$2.5 billion to return public rail assets to a state of good repair** and to make other critical investments needed to maintain current rail services.

FRA proposes providing grant assistance organized according to Amtrak's lines of business to improve transparency and cost management.

- Northeast Corridor: **\$550 million** is requested to bring Amtrak's Northeast Corridor infrastructure and equipment into a **state of good repair** to enable future growth and service improvements.
- State Corridors: **\$225 million is requested to replace obsolete equipment on State-supported routes** and to help States pay for capital expenses as required by the existing statute.
- Long-Distance Routes: **\$850 million is requested** to continue operations of **Amtrak's long-distance routes**.
- National Assets, Legacy Debt, and Amtrak Positive Train Control: **\$475 million** is requested to improve the **efficiency of Amtrak's "back-bone" rail facilities and operations**, make payments on Amtrak's legacy debt, and implement Positive Train Control on Amtrak routes.
- Stations—Americans with Disabilities Act Compliance: **\$350 million** is requested to bring stations into **compliance with requirements of the Americans with Disabilities Act**.

- ▶ **Rail Service Improvement Program:** The President's Budget requests **\$2.3 billion to expand and improve the rail networks throughout the United States.** The program will also fund Positive Train Control for commuter railroads and support network development planning.
  - Passenger Corridors: **\$1.3 billion** is requested to develop **high-performance passenger rail networks** through construction of new corridors, substantial improvements to existing corridors, and mitigation of passenger train congestion at critical chokepoints.
  - Commuter Railroads—PTC Compliance: **\$825 million** is requested to implement **positive train control systems** on commuter railroads. This funding will phase out by FY 2018 as these activities are completed.
  - Local Rail Facilities and Safety: **\$125 million** is requested to **reduce the impact of rail transportation** in local communities through rail line relocation projects, highway-rail grade crossing enhancements, and investments in short line railroad infrastructure.
  - Planning and Workforce: **\$75 million** is requested to plan for **future investments** and to develop the **workforce and technology** for advancing America's rail industry.
- ▶ **Safety and Operations:** The President's Budget requests nearly **\$204 million** to support FRA's **rail safety and development programs, an increase of nearly \$17 million from FY 2015 enacted. This request will allow FRA to address today's three most pressing issues:**
  - Increasing movement of crude oil and other energy products including ethanol and liquefied natural gas: FRA requests 45 new staff dedicated to the Department's Safety Transportation of Energy Products program, funds to continue automated track inspections of crude routes, and resources to train employees of short line railroad that haul energy products.
  - Passenger rail safety issues that surface in the wake of the Metro-North accidents: FRA requests 15 new staff to implement legislatively mandated risk reduction programs for the Nation's commuter and intercity passenger rail operators and to conduct comprehensive compliance and safety culture reviews of passenger railroads.
  - Highway-rail grade crossing and pedestrian safety: FRA requests 24 new safety staff to conduct nationwide community outreach to reduce grade crossing and trespassing deaths, which account for 98 percent of rail-related fatalities.
- ▶ **Research and Development:** The President's Budget requests **\$39.2 million** for safety-related research and development activities, including continued support for the Short Line Safety Institute and research on the safe transportation of liquefied natural gas.



## FEDERAL RAILROAD ADMINISTRATION AMERICA BENEFITS BY...

- **Making rail safer:** Safety is the FRA's top priority. Since FY 2005, total train accidents have **declined by 46 percent, total derailments have declined by 47 percent, and total highway-rail grade crossing accidents have declined by 24 percent.** This is due in large part to FRA's comprehensive safety strategy, which fosters a strong railroad safety culture and continuous safety improvement.
- **Improving passenger rail service:** Because of FRA's recent investments, **6,000 rail corridor miles are being improved, 30 stations are being upgraded, and hundreds of new passenger cars and locomotives are being procured.** These projects will improve the customer experience by reducing trip times, improving reliability, adding additional frequencies, and making stations and equipment more comfortable and accessible. These projects represent the foundational elements to fulfill the long-term vision for sustainable rail improvements envisioned by the States, Amtrak, and other stakeholders. The FRA and its partners have strategically invested in planning studies to establish a pipeline of much-needed future rail projects. The FY 2016 President's Budget request will support market-based investments to turn these studies into additional improved and new services.
- **Supporting freight rail:** The Nation's 140,000-mile freight rail network is the **most well-developed and cost-efficient in the world.** Freight rail is also significantly more energy-efficient per ton-mile than truck. As the U.S. population grows, the U.S. freight systems will be called upon to meet the demands of a larger population. **Between 2010 and 2035, the U.S. freight system is expected to move 22 percent more freight.** FRA implements innovative programs that provide for community mitigation, research and development, policy analysis, and guidance for the freight rail industry and its stakeholders.

# FEDERAL AVIATION ADMINISTRATION

## FEDERAL AVIATION ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Operations	\$ 9,651.4	\$ 9,740.7	\$ 9,915.0
General Fund (non-add)	[3,156.2]	[1,145.7]	[1,368.0]
Trust Fund (non-add)	[6,495.2]	[8,595.0]	[8,547.0]
Facilities & Equipment (TF)	2,600.0	2,600.0	2,855.0
Research, Engineering & Development (TF)	158.8	156.8	166.0
Grants-in-Aid for Airports (TF)	3,350.0	3,350.0	2,900.0
<b>Total</b>	<b>\$15,760.2</b>	<b>\$15,847.5</b>	<b>\$15,836.0</b>
Rescission	- 26.2	0	0
<b>Direct FTE</b>	<b>42,878</b>	<b>44,213</b>	<b>44,333</b>

## OVERVIEW

The Federal Aviation Administration (FAA) maintains and operates the National Airspace System (NAS) and regulates its safety. The FY 2016 President's Budget request of \$15.8 billion supports FAA's current programs in the areas of air traffic controller and safety staffing, research and development, and capital investment. The Budget also advances the modernization of our air traffic system

through "NextGen"—the next generation of air traffic control technology. NextGen will enable the FAA to build upon current capabilities and lay the groundwork for future technologies that will improve the safety, capacity, and efficiency of air travel by replacing ground-based radar surveillance with a modern satellite-based system. NextGen also capitalizes on the latest in aircraft technology.

## SUMMARY OF REQUEST

The President is requesting **\$15.8 billion** in FY 2016 to invest in the safest, most efficient aerospace system in the world. This request is an investment in the future of aviation, an industry that accounts for more than 5 percent of our Nation's gross domestic product. It is a responsible and necessary investment in critical capital infrastructure and the ongoing deployment of NextGen technologies. This allows FAA to safely integrate new entrants such as unmanned vehicles and increasing numbers of commercial space launches into the NAS. The proposal will increase capital investments while decreasing FAA's overall Budget by reshaping the airport financing system. This transformation focuses Federal grant dollars on airports that need it most, while providing for increased investment opportunity in airport infrastructure. Major program highlights of the FAA's Budget request include:

- ▶ **Operations:** The President's Budget requests **\$9.92 billion for the operation, maintenance, communications, and logistical support of the air traffic control and air navigation systems.** This represents an increase of 2 percent above the FY 2015 enacted level. Included in the Operations request are the following:
  - Air Traffic Organization (ATO): ATO accounts for **\$7.5 billion** of the total Operations request, of which \$5.4 billion is associated with payroll costs. The Budget request includes \$11.7 million for discretionary increases, including \$7.5 million for transition costs associated with the Terminal Automation Modernization and Replacement (TAMR) program.
  - Aviation Safety Oversight (AVS): **\$1.3 billion is requested overall for aviation safety.** Within this amount, \$21.3 million and 85 FTEs are requested to hire additional aviation

**safety inspectors and engineers for surveillance and certification services,** as well as to provide continued support for development and implementation of procedures and training for Unmanned Aircraft, Risk Based Decision Making, and Designee Management Oversight. The request includes **\$11.5 million and 54 FTEs for increased surveillance and oversight of commuter and on-demand operators, repair stations, and manufacturers; \$5.3 million and 29 FTEs** to support the increased demand for **FAA aircraft, operator, and airmen certification services;** and **\$4.5 million and 2 FTEs for FAA's Safety Management System.** The AVS request also includes funding for oversight and training for designee supervision and the integration of manned and unmanned aircraft into the NAS. The staffing request is aligned with the forecasted staffing requirements included in the AVS Workforce Plan.

- Security Review: As a result of the comprehensive security review conducted after the Chicago Air Route Traffic Control Center (ZAU) fire incident on September 26, 2014, FAA is requesting **\$8.8 million and 18 FTEs** to implement facility and personnel security recommendations for FAA's critical operational facilities.
- Commercial Space: In FY 2015, FAA anticipates there will be up to 30 commercial space launches, an increase of 11 over the 19 that occurred in FY 2014. The FAA believes that this industry will continue to grow, and this Budget includes one program increase for the Office of Commercial Space Transportation (AST). The request includes an increase

of **\$1.3 million and 13 FTE** for license and permit determinations, certifications, and technical outreach.

- NextGen Organization (ANG): The NextGen organization represents **\$60.6 million** of the request. There are no programmatic increases in the Operations Appropriation for this organization.
- ▶ **Facilities and Equipment (F&E)**: The President's Budget requests **\$2.86 billion** to enable FAA to meet the challenge of both **maintaining the capacity and safety of the current NAS while continuing its comprehensive system modernization and transformation. This request is an almost 10-percent increase over the FY 2015 enacted level, to bolster our investments in the Nation's aviation infrastructure.**
  - Within these funds, the FY 2016 President's Budget requests **\$845 million for NextGen capital related investments**, an increase of \$53 million above FY 2015 enacted levels. The requested funding will enable FAA to continue its ongoing modernization efforts. Examples of specific projects include:
    - *Performance-Based Navigation*: \$13 million is requested to optimize the use of airspace and procedures in the metroplex areas.
    - *En Route Automation Modernization System Enhancements and Technology Refresh*: \$79 million is requested to provide enhancements to the automation system that are based upon user experience. Improvements in the efficiency and effectiveness of air traffic management and reduction in operational errors are the expected outcomes of this investment.
    - *Automatic Dependent Surveillance Broadcast (ADS-B)*: \$45 million is requested for the continued implementation of satellite-based surveillance capabilities in the Continental United States, the Gulf of Mexico, and Alaska. This will provide a more complete picture of airspace conditions and more accurate position data that will result in increased capacity, fewer delays, and more optimal routing for aircraft. \$139 million will provide the funding for the satellite subscription services.
    - *Air-to-Ground Data Communications (DataComm)*: \$235 million is requested for data communications, to deploy a text-based data communication system in both the Terminal and En Route domains. This program will enable air traffic controller productivity improvements and will permit capacity growth without requisite cost growth associated with equipment, maintenance, and labor.
    - *System-Wide Information Management (SWIM)*: \$37 million is requested to continue the implementation of an information management and data sharing system for improved data sharing for FAA's internal and external stakeholders. This program will provide policies and standards to support data management, secure its integrity, and control its access and use.
    - *Time Based Flow Management (TBFM)*: \$43 million is requested to maximize traffic flow and airport usage by improving flow management into and out of the busy metropolitan airspaces and corresponding airports. Operations will achieve maximum throughput while facilitating efficient arrival and departure.

- *Flight and Interfacility Air Traffic Control Data Interface Modernization*: \$9 million is requested for the first year of funding to modernize the exchange of flight data between the En Route Automation System and other Terminal and Oceanic systems. The funding recommendation for this program originated from the 30-day comprehensive review conducted after the Chicago Air Route Traffic Control Center (ZAU) fire incident on September 26.
- The remainder of the investment, **\$2.0 billion, will be in legacy areas to sustain current systems**, including maintaining aging infrastructure, power systems, information technology, navigational aids, communications, surveillance, and weather systems. Examples of specific projects include:
  - *Air Traffic Control Facilities Strategic Sustainment Plan*: **\$464 million** is requested for an effort that will advance the **state of good repair for FAA infrastructure facilities**. This undertaking will target funding toward a portfolio of programs that include FAA Air Route Traffic Control Centers (ARTCCs), Air Traffic Control Facilities (ATCTs), and Terminal Radar Approach Control Facilities (TRACONS). Electrical Power Systems, Unmanned Infrastructure Facilities, Employee Protection, Environmental Programs at FAA Facilities, and temporary facilities used for responses to emergency and heavy air traffic situations are also included. The funding under this portfolio of programs will improve and maintain the facility condition index ratings at FAA facilities that provide the backbone for the NAS systems and functionality.
  - *Terminal Automation Modernization/Replacement*: **\$159 million** is requested to modernize and **standardize the automation systems** at the FAA's TRACON facilities and their associated ATCT throughout the NAS.
- ▶ **Research, Engineering and Development**: The President's Budget requests **\$166 million for Research, Engineering, and Development** in FY 2016 to support the continuation of work in both NextGen and other research areas such as environmental impacts, safety, propulsion and fuel systems, unmanned aircraft, advanced materials, and weather. This represents an increase of 5.7 percent over the FY 2015 enacted level.
  - NextGen Alternative Fuels for General Aviation: \$6 million is requested to support continued efforts and industry partnerships to transition from current aviation 100 low-lead fuel to an unleaded replacement fuel that will have the least impact on the General Aviation Fleet.
  - Unmanned Aircraft System Research: \$9.6 million is requested to support research on UAS technologies, which directly impact the safety of the NAS. As detailed in the UAS Roadmap for Integration and the interagency UAS Integration Comprehensive Plan, FAA's FY 2016 research will be focused on detecting and avoiding, control and communications, systems safety criteria, modeling and simulation requirements and research that will support the safe, efficient, and timely integration of UAS in the NAS.
  - NextGen—Environmental Research—Aircraft Technologies, Fuels, and Metrics: \$24 million is requested to achieve NextGen goals of increased mobility by reducing

environmental impacts of aviation in absolute terms, including those relating to community noise, air quality, and global climate change. The program is focused on maturing aircraft technologies that can reduce aircraft noise, emissions that degrade air quality, greenhouse gas emissions, and energy use and advancing alternative jet fuels.

- Commercial Space Transportation Safety: \$3 million is requested for this effort, requiring several aspects of safety to be defined and studies to be completed. Researchers are developing methodologies and tools to establish regulatory standards on the Commercial Space Transportation programs to address hazards to the public that could result from catastrophic failures, human space flight participants' responses to space flight, the introduced use of new materials, the novel use of existing materials, and integration of space flight into the NAS.
- ▶ **Grants-in-Aid for Airports (AIP)**: The President's Budget requests a **\$2.9 billion obligation limitation for AIP**, a decrease of \$450 million from the FY 2015 enacted level.
- To assist those airports that need the most help, the **Budget proposes to focus Federal grants to support smaller commercial and general aviation airports that do not have access to additional revenue or other outside sources of capital.**
  - At the same time, the Budget proposes to **increase the Passenger Facility Charge (PFC) limit from \$4.50 to \$8.00 for all commercial service airports** and eliminate guaranteed AIP entitlement funding for large hub airports, giving them greater flexibility to generate their own revenue.
  - The combination of these two proposed changes to the AIP and PFC programs will allow for higher levels of infrastructure funding at our Nation's airports.

## FACILITIES &amp; EQUIPMENT PROGRAMS

Dollars in Millions

	FY 2014 Enacted	FY 2015 Enacted	FY 2016 President's Budget
<b>Activity 1—Engineering, Development, Test and Evaluation</b>	<b>\$ 347</b>	<b>\$ 178</b>	<b>\$ 151</b>
Advanced Technology Development and Prototyping	32	30	21
Performance Based Navigation & Metroplex Portfolio	0	27	13
Performance Based Navigation/RNAV/RNP	32	0	0
William J. Hughes Technical Center Programs	17	25	32
Data Communications (Moved to Activity 2 in FY2015)	115	0	0
Other NextGen Portfolios	151	96	85
<b>Activity 2—Air Traffic Control Facilities and Equipment</b>	<b>1,437</b>	<b>1,578</b>	<b>1,671</b>
En Route Automation Modernization (ERAM)	67	11	0
En Route Automation Modernization (ERAM)—System Enhancements & TR	35	45	79
System-Wide Information Management	67	60	37
ADS-B NAS Wide Implementation	282	255	45
Oceanic Automation System	5	4	20
Facilities Infrastructure Sustainment	295	336	418
Terminal Automation	201	197	240
Air Traffic Management (ATM)—including Commercial Space	14	6	14
Data Communications in Support of NG Air Transportation System	0	150	235
Improved Voice Communications	56	61	72
National Airspace System Voice System (NVS)	16	21	54
Runway Status Lights	35	42	24
Wide Area Augmentation System (WAAS) for GPS	84	99	81
Runway Safety Areas—Navigational Mitigation	38	35	30
GPS Civil Requirements	6	10	27
Collaborative Air Traffic Management Technologies WP2 & WP3	28	13	10
Time Based Flow Management Portfolio	11	21	43
Surveillance Interface Modernization	6	4	23
Contingency Funding—Flight and Interfacility ATC Data Interface Modernization	0	0	9
Improve Weather Systems	30	42	32
Improve Surveillance Systems	53	48	35
Landing and Navigation	37	39	34
Other	73	81	111
<b>Activity 3—Non-Air Traffic Control Facilities and Equipment</b>	<b>147</b>	<b>158</b>	<b>171</b>
Hazardous Materials Management	19	22	26
National Air Space (NAS) Recovery Communications (RCOM)	12	12	12
Facility Security Risk Management	15	14	15
Information Security	13	12	12
Aeronautical Center Infrastructure Modernization	9	13	15
Safety Database and Computer Systems	66	70	75
Other	13	15	16
<b>Activity 4—Facilities and Equipment Mission Support</b>	<b>218</b>	<b>226</b>	<b>226</b>
Center for Advanced Aviation System Development (CAASD)	60	60	60
Facility Leases	60	62	66
Technical Support Contracts	74	74	77
Logistics and Acquisition Support Services	12	12	11
Other	13	19	12
<b>Activity 5—Personnel and Related Expenses</b>	<b>450</b>	<b>460</b>	<b>470</b>
<b>Activity 6—ADS-B Services and WAAS GEOs</b>	<b>0</b>	<b>0</b>	<b>166</b>
<b>Total</b>	<b>\$2,600</b>	<b>\$2,600</b>	<b>\$2,855</b>

**NEXTGEN PROGRAMS**

Dollars in Millions

	FY 2014 Enacted	FY 2015 Enacted	FY 2016 President's Budget
<b>Facilities and Equipment</b>	<b>\$828</b>	<b>\$792</b>	<b>\$845</b>
NextGen—Separation Management Portfolio	—	13	27
NextGen—Improved Surface/TFDM Portfolio	—	39	17
NextGen—On Demand NAS Portfolio	—	6	11
NextGen—Environment Portfolio	—	6	1
NextGen—Improved Multiple Runway Operations Portfolio	—	6	8
NextGen—NAS Infrastructure Portfolio	—	14	11
NextGen—Support (NIAC, Test Bed) Portfolio	—	13	10
NextGen—System Safety Management Portfolio	—	19	17
Performance Based Navigation and Metroplex Portfolio	—	27	13
Collaborative Air Traffic Management Technology (CATMT) Portfolio	28	13	10
Tactical Flow Time Based Flow Management (TBFM) Portfolio	11	21	43
NextGen—Communications in Support of NextGen	115	150	235
NextGen—Demonstration and Infrastructure Development	20	—	—
NextGen—System Development	58	—	—
NextGen—Trajectory Based Operations	16	—	—
NextGen—Reduce Weather Impact	3	—	—
NextGen—High Density Arrivals/Departures	5	—	—
NextGen—Collaborative ATM	20	—	—
NextGen—Flexible Terminals and Airports	13	—	—
NextGen—System Network Facilities	5	—	—
NextGen—Future Facilities	10	—	—
Performance Based Navigation—Optimization of Airspace and Procedures for Metroplex (OAPM)	32	—	—
En Route Automation Modernization (ERAM)—System Enhancements and Tech Refresh	35	45	79
System-Wide Information Management (SWIM)	67	60	37
ADS-B NAS Wide Implementation	282	255	45
Colorado ADS-B WAM Cost Share	3	—	—
Next Generation Weather Processor (NWP)	11	23	7
NAS Voice System (NVS)	16	21	54
Terminal Flight Data Manger (TFDM)	19	—	—
Aviation Safety Information Analysis and Sharing (ASIAS)	15	—	—
Aeronautical Information Management Program (AIM Segment 2)	9	13	5
Cross Agency NextGen Management	—	2	3
Flight and Interfacility ATC Data Interface Modernization (FIADIM)	—	—	9
ADS-B Subscription Costs (separate line item for the first time in FY2016)	—	—	139
Activity 5 F&E PCB&T—NextGen Staffing *	33	47	64
<b>Research Engineering and Development (RE&amp;D)</b>	<b>58</b>	<b>51</b>	<b>61</b>
Unmanned Aircraft Systems Research	—	—	10
NextGen—Alternative Fuels for General Aviation	6	6	6
NextGen—Advanced Systems and Software Validation	1	—	—
NextGen—Wake Turbulence	9	9	9
NextGen—Air Ground Integration	11	10	9
NextGen—Weather in the Cockpit	4	4	4
NextGen—Environmental Research, Aircraft Technologies, Fuels and Metrics	27	23	24
<b>Operations</b>	<b>15</b>	<b>14</b>	<b>51</b>
Performance Based Navigation (PBN) Metroplex Activities	—	—	14
Unmanned Aircraft System Certification and Integration	—	—	8
Integrate Environmental Performance into NextGen	1	1	—
NextGen Environmental/Noise Studies	2	2	—
NextGen Staffing *	12	12	29
<b>Total NextGen Programs</b>	<b>\$901</b>	<b>\$857</b>	<b>\$956</b>

Note: NextGen PC&B has been increased by a rebaselining of staffing and the inclusion of 26 AVS and 4 ATO UAS positions that have been moved under the NextGen Portfolio for the first time in FY2016.



## FEDERAL AVIATION ADMINISTRATION AMERICA BENEFITS BY...

The FAA serves the flying public by operating a system that:

- Operates **24 hours a day, 7 days a week, 365 days a year.**
- Operates and maintains facilities and equipment at almost **13,000 sites nationwide.**
- Maintains FAA-operated or FAA-contracted towers at **more than 500 airports.**
- Inspects and certifies approximately **202,000 U.S. civil aircraft, and 600,000 pilots and 540 commercial airports.**
- Transports more than **739 million passengers annually on U.S. carriers.**
- Safely guides approximately **25 million flights** every year.

- Generates more than **11.8 million jobs, with earnings of \$459 billion.**
- Contributes **\$1.5 trillion annually to the national economy** and constitutes 5.4 percent of the gross domestic product.

The FAA provides:

- A workforce of more than **45,000 professionals to operate and maintain the busiest, most complex air traffic control system in the world.**
- Grants to improve **3,330 eligible public-use airports** in the United States.
- Protection of the public, property, and the national security and foreign policy interests of the United States during **commercial space launch and reentry activities.**

# PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION

## PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Pipeline Safety (PSF/GF/TF)	\$118.6	\$145.5	\$175.1
Hazardous Materials Safety (GF)	45.0	52.0	64.3
Emergency Preparedness Grants (TF)	26.3	26.2	28.3
Operational Expenses (GF)	20.2	20.7	21.0
<b>Total</b>	<b>\$210.0</b>	<b>\$244.5</b>	<b>\$288.7</b>
<b>Direct FTE</b>	<b>418</b>	<b>548</b>	<b>635</b>

## OVERVIEW

The Pipeline and Hazardous Materials Safety Administration (PHMSA) ensures the safe transportation of hazardous materials through regulation and oversight. This includes liquids and natural gas traveling through a network of 2.6 million miles of pipelines, serving over 69 million residential and commercial customers. PHMSA also oversees the safe and secure shipment of approximately 1 million daily movements of explosive, poisonous,

corrosive, flammable, and radioactive hazardous materials carried by rail, air carriers, and other modes of transportation. On any given day, more than 6 million tons of hazardous materials safely move millions of miles across the Nation's land, water, and air transportation corridors. The FY 2016 President's Budget requests \$289 million to support PHMSA's mission to safeguard the movement of these materials.

## SUMMARY OF REQUEST

The President is requesting **\$289 million** in FY 2016 to invest in the **safe transportation of hazardous materials** including energy products through PHMSA's oversight. This is an increase of \$44.2 million and 87 FTEs above the FY 2015 enacted funding level. This funding will support Pipeline Safety, Hazardous Materials Safety, Emergency Preparedness Grants, and Operational Expenses as follows:

- ▶ **Pipeline Safety:** The FY 2016 President's Budget overall pipeline safety request of **\$175 million** would allow PHMSA to carry out activities to **reduce pipeline failures and their consequences**. These include:
  - **\$2 million** for the **Design Review Fund** as an offset for discretionary spending on program costs for review of pipeline facilities projects with design and construction costs of \$2.5 billion or more, or uses new or novel technologies or design. This is a change to the current legislation to make this a discretionary offsetting collection.
  - **\$12 million** for the **National Pipeline Information Exchange (NPIX)** initiative to integrate Federal and State inspection data into a consolidated repository facilitating improvements in pipeline material integrity and assisting in pinpointing vulnerabilities and trends.
- ▶ **Hazardous Materials Safety:** The President's Budget requests **\$64 million** to sustain the essential safe and efficient **movement of hazardous materials across the country** and to respond to emerging threats such as transport of energy products by rail, movement of liquefied natural gas, last year's disposal of waste from the Ebola epidemic, and the containment and movement of highly explosive byproducts of fracking and other energy production methods. The request includes:
  - **\$4.4 million** for 20 FTEs to include additional inspection and enforcement personnel to continue regular hazardous materials inspection activities while also addressing the safe transport of energy products and preparing for new risks that will emerge in the future.
  - **\$1.7 million** for training and outreach to enhance the safe transport of flammable liquids by ensuring shippers and carriers are taking all the required precautions to transport these liquids safely.
  - **\$3.3 million** for the **Risk Management Framework** and **6 FTEs** to enhance risk management capabilities in Phase 2 of the RMF, focusing on GAO and industry group concerns regarding rulemakings, policy, and enforcement actions that rely on the agency's incident data and risk management methodology.
  - **\$500 thousand** to develop inspection methods for manufacturing analysis and requalification of composite packaging. In addition this funding will support research toward evaluating package integrity, filling procedures, and equipment.
  - **\$12 million in fees** to offset current costs of administering the Special Permits and Approval process for transporters seeking exemptions to the Hazardous Materials Regulations.

- ▶ **Emergency Preparedness Grants:** The President's Budget requests **\$28 million for Emergency Preparedness Grants** for those first responders engaged in reducing the risks of incidents involving the transport of hazardous materials through our communities.
- ▶ **Operational Expenses:** The President's Budget requests **\$21 million for operational expenses** to support the administrative functions that assist both the pipeline safety and hazardous materials safety programs in their day-to-day activities.

## PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION AMERICA BENEFITS BY...

- In FY 2014, the Pipeline Safety program **conducted 1,405 pipeline inspections, issued 234 enforcement actions, including proposing a total of \$5,731,000 in civil penalties, awarded 138 grants to 50 States and other entities, provided training to students in pipeline inspection, funded 18 research and development projects, opened 162 enforcement cases, and collected penalties of nearly \$4 million.**
- In FY 2014, the Hazardous Materials Safety program focused on high-risk safety issues and **conducted 1,227 hazmat inspections, educated over 3,000 State and local partners through multi-modal seminars, awarded 67 grants to 50 States and other entities including tribes, and funded 11 research and development projects.** The program opened 120 new enforcement cases during the year and closed 415 enforcement actions with a total penalty amount of **\$1.7 million.**

# MARITIME ADMINISTRATION

## MARITIME ADMINISTRATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Operations and Training (GF)	\$148.0	\$148.1	\$184.6
Ship Disposal Program (GF)	4.8	4.0	8.0
Maritime Security Program (GF)	186.0	186.0	186.0
Food Aid Reform	0	0	25.0
Maritime Guaranteed Loan Program (GF)	38.5	3.1	3.1
<b>Total</b>	<b>\$377.3</b>	<b>\$341.2</b>	<b>\$406.8</b>
<b>Direct FTE</b>	<b>463</b>	<b>507</b>	<b>514</b>

## OVERVIEW

The Maritime Administration (MARAD) implements programs that promote the viability of the U.S. Merchant Marine and strengthen the U.S. maritime transportation system to support the national security needs of the Nation. The FY 2016 President's Budget requests \$406.8 million to support MARAD activities in ships and shipping, port

operations, vessel operations, national security and strategic mobility, ship disposal, the environment, and education. Through the United States Merchant Marine Academy and support for six State maritime schools, MARAD educates most of the new skilled merchant marine officers committed to national service in both peace and war.

## SUMMARY OF REQUEST

The President is requesting **\$406.8 million in FY 2016 to invest in continued support for MARAD's** coordinated program of activities and initiatives as described below:

- ▶ **Operations and Training:** The FY 2016 President's Budget requests **\$184.6 million** to support the United States Merchant Marine Academy (USMMA), the State Maritime Academies (SMAs), and MARAD Operations and Programs.
  - United States Merchant Marine Academy: **\$96 million** is requested to continue to support the highest standards of **excellence in education** for the Midshipmen, including \$71.3 million for operating expenses and \$24.7 million to make major capital repairs and improvements to the Academy's physical campus.
  - State Maritime Academies (SMAs): **\$34.6 million** is requested to **support the SMAs**, including \$22 million for maintenance and repair of the school ships, \$5 million for national security multi-mission vessel design, \$3 million for direct support payments to each of the six schools, \$2.4 million for student tuition support, \$1.8 million for training ship fuel assistance payments, and \$350 thousand for the Mariner Service Compliance System.
  - MARAD Operations and Programs: **\$54.1 million** is requested to provide **operational support** for the agency's programs. This request includes \$4 million to maintain environmental program and technical assistance.
- ▶ **Ship Disposal Program:** The FY 2016 President's Budget requests **\$8 million to support continued obsolete vessel disposal actions**, with priority emphasis on the worst condition non-retention vessels in MARAD's three reserve fleet sites.
- ▶ **Maritime Security Program:** The FY 2016 President's Budget requests **\$186 million** for the Maritime Security Program (MSP) to ensure the **maintenance of a commercial fleet** capable of supporting a U.S. presence in foreign commerce, while also ensuring the military's ability to obtain assured access to these commercial vessels, intermodal facilities, and mariners. **The \$186 million authorized level will fund \$3.1 million for each of the 60 ships enrolled in the program.**
- ▶ **Food Aid Reform:** **\$25 million is also included as a component of reforms proposed for P.L. 480 Title II Food Assistance to mitigate the impact these reforms could have on sealift capacity and mariner jobs.** If enacted, this new initiative would provide funds to preserve mariner employment on U.S.-flag vessels and identify other innovative means to encourage retention of U.S. mariners and vessels.
- ▶ **Maritime Guaranteed Loan Program (Title XI):** The FY 2016 President's Budget requests **\$3.1 million to maintain** staff salaries and benefits for **administration of the Title XI loan portfolio.**

## MARITIME ADMINISTRATION AMERICA BENEFITS BY...

- The Maritime Security Program (MSP) is a **cost-effective way to provide assured access to sealift capability during times of war, national emergencies, and other national requirements.** The \$186 million program cost provides access to over \$52 billion of assets that would be required to replicate the sealift capability. Additionally, the MSP fleet provides employment for 2,400 merchant mariners.
- MARAD's U.S. Merchant Marine Academy (USMMA) and the six State Maritime Academies (SMA) provide the training and education to ensure qualified personnel are available to maintain the Nation's pool of U.S. Coast Guard licensed merchant marine officers to serve the national security needs of the Nation. All of the Department of Defense's sealift cargo is carried on U.S. flagged vessels when available, which are crewed by civilian mariners. Additionally, approximately 25 percent of USMMA graduates and 4 percent of SMA graduates serve on active duty in the U.S. Armed Forces.
- **MARAD Ship Disposal program provides the timely disposition of Government-owned obsolete ships.** Timely disposal of deteriorating ships lessens public environmental risk and reduces costly environmental cleanup.
- **MARAD maintains a fleet of cargo ships in reserve to provide surge sealift for the Department of Defense during war and national emergencies.**

# SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

## SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Operations and Maintenance ( <i>Harbor Maintenance Trust Fund</i> )	\$31.0	\$32.0	\$36.4
<b>Total</b>	<b>\$31.0</b>	<b>\$32.0</b>	<b>\$36.4</b>
Direct FTE	131	144	144

## OVERVIEW

The Saint Lawrence Seaway Development Corporation (SLSDC) is responsible for operating and maintaining the U.S. portion of the binational St. Lawrence Seaway, including two U.S. Seaway locks, while also performing environmental management activities and promoting regional economic development. The St. Lawrence Seaway, connecting the Great Lakes to the Atlantic Ocean for commercial trade, is jointly operated by the United States

(SLSDC) and Canada (St. Lawrence Seaway Management Corporation). The President's Budget request of \$36.4 million will provide funds necessary for the SLSDC to perform its core mission of serving the U.S. intermodal and international transportation system while providing and promoting a safe, reliable, efficient, and environmentally responsible deep-draft waterway.



## SUMMARY OF REQUEST

The President is requesting **\$36.4 million in FY 2016 to support the continued safe and efficient operation of the U.S. portion of the St. Lawrence Seaway**, including the two U.S. Seaway locks in Massena, New York. This request provides an increase of \$4.4 million above the FY 2015 enacted level.

- ▶ The FY 2015 President's Budget request will **continue the SLSDC's multi-year Asset Renewal Program (ARP) at a level of \$18.2 million** and

fund expenses associated with operating and maintaining the U.S. portion of the binational St. Lawrence Seaway at \$18.3 million.

- ▶ Major ARP projects proposed include the installation of a new **hands-free vessel vacuum mooring system** that will use similar technology to what is currently being installed at the Canadian Seaway locks (at a cost of \$8 million).

## SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION AMERICA BENEFITS BY...

- The Saint Lawrence Seaway Development Corporation programs impact **227,000 U.S. and Canadian jobs, \$35 billion in transportation-related business revenue, \$14 billion in personal income, and \$5 billion in Federal, State, provincial, and local taxes each year.**
- The Saint Lawrence Seaway directly serves an **eight-State region** that accounts for 28 percent of the U.S. gross domestic product (GDP), accounts for 50 percent of North America's manufacturing and service industries, and is home to nearly one-quarter of the continent's population. The **Great Lakes region is the world's fourth largest economy** with annual economic output of nearly \$5 trillion.
- Annual commerce on the Great Lakes Seaway System typically exceeds **180 million metric tons** and serves U.S. miners, farmers, factory workers, and commercial interests from the Great Lakes region. Virtually **every type of bulk and general cargo commodity moves on the Great Lakes Seaway System**, including **iron ore** for the U.S. steel industry; **limestone** for construction and steel industries; **coal** for power generation and steel production; **grain** exports from U.S. farms; general cargo, such as **iron and steel products** and **heavy machinery**; and **cement, salt, and stone aggregates** for agriculture and industry.
- The Great Lakes Seaway System is America's green transportation corridor. With superior fuel efficiency and fewer greenhouse gas emissions per metric ton than trucking or rail, Seaway shipping leads the way in environmentally smart transportation. The **Great Lakes/Seaway fleet is nearly 7 times more fuel-efficient than trucks and 1.14 times more fuel-efficient than rail.** Moreover, it would take 3 million railcars or 7.1 million trucks to carry the total cargo transported by the Great Lakes/Seaway fleet.

# OFFICE OF THE SECRETARY

## OFFICE OF THE SECRETARY

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Salaries and Expenses (GF)	\$ 107.0	\$ 105.0	\$ 113.7
Office of Civil Rights (GF)	9.6	9.6	9.7
Transportation, Planning, Research and Development (GF)	7.0	6.0	10.0
Minority Business Resource Center (GF)	1.0	1.1	0.9
Small and Disadvantaged Business Utilization and Outreach (GF) (formerly Minority Business Outreach)	3.1	3.1	4.5
Payments to Air Carriers/Essential Air Service (estimated obligations) (GF/TF)	267.9	263.2	283.4
Financial Management Capital (GF)	7.0	5.0	5.0
Cyber Security (GF)	4.5	5.0	8.0
Research and Technology (GF)	14.8	13.0	14.6
Safe Transportation of Energy Products (GF)	0	0	5.0
Interagency Infrastructure Permitting Improvement Center (GF)	0	0	4.0
U.S. Digital Services (GF)	0	0	9.0
DATA Act Compliance (GF)	0	0	3.0
Transportation Investments Generating Economic Recovery Grants (TIGER) (GF/TF)	600.0	500.0	1,250.0
<b>Total</b>	<b>\$1,021.9</b>	<b>\$911.0</b>	<b>\$1,720.8</b>
Transportation Planning, Research and Development (Cancellation of Budget Authority)	- 2.8	0	0
<b>Direct FTE</b>	<b>569</b>	<b>669</b>	<b>773</b>

## OVERVIEW

The Office of the Secretary (OST) is responsible for overall policy development, planning, direction, and oversight of the Department as well as administration of a broad array of programs, ranging in size from the TIGER

grant program to the Minority Business Resource Center loan guarantee program. The FY 2016 President's Budget request of \$1.7 billion includes funding for all existing OST programs as well as several new ones.

## SUMMARY OF REQUEST

The FY 2016 President's Budget requests **\$1.7 billion for the programs and activities of the Office of the Secretary (OST)**, which is **\$810 million above the FY 2015 enacted funding level**. The request assumes **\$1.36 billion of mandatory funding**, including contract authority for the TIGER grant program that previously has been funded with discretionary appropriations. It also requests **\$362 million of discretionary funding**, including funding for infrastructure permitting process improvements and safe transportation of energy products as well as establishment of a new Safety Oversight Office and a new Assistant Secretary for Infrastructure Investment.

- ▶ **TIGER Grant Program:** \$1.25 billion of mandatory contract authority is included in the Administration's GROW AMERICA surface transportation reauthorization proposal for the TIGER grant program, **a \$750 million increase over the FY 2015 enacted appropriation**. The program will continue to fund **infrastructure projects of national and regional significance**, planning grants, and award and oversight expenses. Included in the President's Budget is a \$1.25 billion obligation limitation on the TIGER grant program as well as a \$1.25 billion liquidating cash appropriation.
- ▶ **Research and Technology:** **\$14.6 million** is requested for the Office of the Assistant Secretary for Research and Technology **to strengthen research functions across the Department by providing a prominent centralized focus on research and technology** to improve collaboration and coordination among Operating Administrations. The GROW AMERICA surface transportation proposal includes \$29 million for the Bureau of Transportation Statistics, which is housed within this Office, as well as \$82 million for the University Transportation Centers grant program, which is administered by this Office.
- ▶ **Safe Transportation of Energy Products:** **\$5 million** is requested to support the **oversight and coordination of multi-modal prevention and response activities** associated with the safe transportation of energy products. Additional funding for operational activities is included in the FY 2016 requests for the Federal Railroad Administration, Pipeline and Hazardous Materials Safety Administration, and Federal Motor Carrier Safety Administration.
- ▶ **Transportation Planning, Research and Development:** **\$10 million** is requested for activities and studies to support the Secretary's responsibilities in the formulation of national transportation policy. The FY 2016 President's Budget includes **\$1 million for resilience planning technical assistance** to provide assistance for incorporating climate resilience into State, local, and tribal community plans and **\$0.5 million to study future trends in shale development**.
- ▶ **Interagency Infrastructure Permitting Improvement Center:** **\$4 million** is requested for the Interagency Infrastructure Permitting Improvement Center to focus on **reducing infrastructure permitting and review timelines** by producing a faster, more efficient process with better, measurable outcomes. The President's Budget also includes appropriations language allowing for the transfer of **additional funding from other agencies** to OST.

- ▶ **Salaries and Expenses: \$113.7 million** is requested for the salaries and expenses of the Office of the Secretary. Included within this request is **\$2 million for a new Office of the Assistant Secretary for Innovative Finance** that will assume responsibility for managing the Department's credit programs. The request also includes **\$1 million for a new Office of Safety Oversight within the Office of the Under Secretary for Policy** that will have oversight over all safety-related activity in the Department's Operating Administrations, with a particular focus on better integrating their safety activities.
- ▶ **Small and Disadvantaged Business Utilization and Outreach: \$4.5 million** is requested for the activities of the Office of Small and Disadvantaged Business Utilization (OSDBU). This reflects the **merger of \$1.4 million previously included within the Salaries and Expenses appropriation and the \$3.1 million Minority Business Outreach appropriation**, both of which are administered by OSDBU.
- ▶ **Essential Air Service: \$175 million of discretionary funding** is requested for the Essential Air Service program to supplement **\$108.4 million of mandatory funding** from overflight fees collected by FAA. The Essential Air Service program ensures rural and isolated communities have access to the national air transportation system.
- ▶ **Financial Management Capital: \$5 million** is requested to complete the **final phase of its modernization** initiative through the deployment of a new reporting solution.
- ▶ **Cyber Security: \$8 million** is requested to continue **improvements to the Department's cyber security posture**, planned security enhancements to the Department's infrastructure, planned **upgrades to DOT's Wide Area Network**, and maintenance and operation of the Department's **Continuous Monitoring** solution.
- ▶ **U.S. Digital Services: \$9 million** is requested to fund the cost of hiring digital service experts from outside the Government to form a digital services team to focus on **transforming the Department's digital services with the greatest impact on citizens and businesses** so they are easier to use and more cost-effective to build and maintain.
- ▶ **DATA Act Compliance: \$3 million** is requested to assist the Department in meeting the requirements of the Digital Accountability and Transparency Act of 2014 (DATA Act), which include establishing and implementing **Government-wide data standards for financial data** to provide consistent, reliable, and searchable data **for easy public consumption**.

## OFFICE OF THE SECRETARY AMERICA BENEFITS BY...

### TIGER GRANT PROGRAM

- In 2014, DOT awarded the **sixth round of funding** from our TIGER program. In all, **72 projects from 46 States were selected for a total of \$584 million in grants**. These TIGER grants will help get innovative, multi-modal projects off the ground that would otherwise struggle to find support from traditional funding sources. Awardees faced stiff competition; for this one round of funding, DOT received 797 applications requesting more than \$9.5 billion. That's an indication of the strong demand for innovative transportation investment across the Nation.
- Overall DOT has awarded approximately **\$4.1 billion in grants to 342 projects** in all 50 States, the District of Columbia, and Puerto Rico. Each project is **multi-modal, multi-jurisdictional or otherwise challenging to fund through existing programs**. The TIGER program enables DOT to use a rigorous process to select projects with exceptional benefits, explore ways to deliver projects faster and save on construction costs, and make investments in our Nation's infrastructure that make communities more livable and sustainable.

### ESSENTIAL AIR SERVICE

- The Essential Air Service (EAS) provides **subsidized commercial air service** to over 150 small and rural communities in the United States.

### AVIATION ENFORCEMENT PROTECTION

- The Department of Transportation **enforces aviation consumer protection and civil rights requirements** by monitoring air carrier and ticket agent compliance and investigating and taking appropriate enforcement action for violations. For example, in 2014, the Aviation Enforcement Office took action resulting in over **35 enforcement orders assessing civil penalties of over \$5.5 million**.
- In addition, the Aviation Enforcement Office **educates air consumers through publications and responses to inquiries and accepts complaints**. For example, in 2014, we received **13,079 complaints from consumers** which were monitored, forwarded to air carriers and ticket agents for response, and, where appropriate, involved further investigation and enforcement action.

### MINORITY BUSINESS RESOURCE CENTER

- Helps small business gain **access to financing** to participate in transportation-related contracts. Provides firms with access to capital to grow and compete in the transportation marketplace.

### MINORITY BUSINESS OUTREACH

- Works closely with prime contractors, program officials, and procurement officials to ensure **maximum opportunities for small businesses** to participate in DOT contracts and subcontracts.

# OFFICE OF THE INSPECTOR GENERAL

## OFFICE OF THE INSPECTOR GENERAL

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Appropriated	FY 2016 President's Budget
Salaries and Expenses	\$85.6	\$86.2	\$87.5
<b>Total</b>	<b>\$85.6</b>	<b>\$86.2</b>	<b>\$87.5</b>
Direct FTE	393	422	425

## OVERVIEW

The Office of Inspector General (OIG) operates as an independent organization within the Department of Transportation (the Department) under the authority of The Inspector General Act of 1978, as amended. The FY 2016 President's Budget request of \$87.5 million supports the OIG's commitment to fully inform Congress, the Department, and the public of pressing transportation concerns and to aggressively pursue individuals who defraud the Government. The OIG's independent and

objective oversight of the Department's programs and activities provides the Secretary, Congress, and the public with relevant analyses necessary to improve the efficiency and effectiveness of the Department's operations. The OIG's work yields valuable recommendations and findings that lead to better uses of limited budgetary resources and supports the Department in its objectives to achieve and maintain a safe, efficient, and effective transportation system.

## SUMMARY OF REQUEST

The President is requesting **\$87.5 million in FY 2016 to support the Office of Inspector General**. This is \$1.3 million above the enacted level for FY 2015. These additional funds will be used to cover anticipated increases in base costs including inflation, mandated pay adjustments, and will fund 3 additional FTEs to

enhance oversight of the Department's safety programs. The amount requested for FY 2016 will support 410 base-funded FTEs, with carryover balances from the Disaster Relief Appropriations Act of 2013 estimated to fund an additional 15 personnel.

### OFFICE OF THE INSPECTOR GENERAL AMERICA BENEFITS BY...

- In FY 2014, the Office of the Inspector General's audit work resulted in **129 reports, 411 recommendations**, and financial recommendations valued at more than **\$550 million**. The OIG's investigative work resulted in **58 indictments, 64 convictions, and more than \$1.3 billion in fines, restitution, and recoveries**. In total, OIG achieved a return on investment of **\$22 for every dollar appropriated** to our office in FY 2014.
- In addition to these monetary recoveries, many of the OIG's audits and investigations are aimed at achieving **nonfinancial benefits—including improved transportation safety,**

the Department of Transportation's number one priority. For example, the OIG's audit work includes **the assessment of key safety areas**, ranging from the Federal Railroad Administration's oversight of hazardous materials transport by rail, the National Highway Traffic Safety Administration's efforts to identify safety-related vehicle defects, and the Federal Aviation Administration's air traffic controller staffing and productivity. **Typical investigations supporting improved transportation safety include criminal evasion of commercial trucking out-of-service orders, substandard aviation parts, and transport of hazardous materials.**

# SURFACE TRANSPORTATION BOARD

## SURFACE TRANSPORTATION BOARD

Dollars in Millions

Account	FY 2014 Actual	FY 2015 Enacted	FY 2016 President's Budget
Salaries and Expenses (GF)	\$29.7	\$30.2	\$31.3
Fees	1.3	1.3	1.3
<b>Total</b>	<b>\$31.0</b>	<b>\$31.4</b>	<b>\$32.6</b>
<b>Direct FTE</b>	<b>124</b>	<b>147</b>	<b>152</b>

## OVERVIEW

The Surface Transportation Board (STB) is charged with promoting substantive and procedural regulatory reform in the economic regulation of surface transportation, providing an efficient and effective forum for the resolution of disputes, and the facilitation of appropriate business transactions.

The FY 2016 President's Budget request of \$32.5 million will enable the STB to continue its economic oversight of the rail industry and the transportation of commodities by pipeline other than oil and gas. The STB is also responsible for certain non-licensing regulation of motor and water carriers.



## SUMMARY OF REQUEST

The President is **requesting \$32.5 million in FY 2016 for the Surface Transportation Board**, to be financed by appropriations and the offsetting

collection of user fees. Of this amount, \$1.25 million are user fees credited to the appropriation.

### SURFACE TRANSPORTATION BOARD AMERICA BENEFITS BY...

- The Surface Transportation Board helps the **public receive reliable service on Amtrak** and helps the **customers of the freight railroads** receive reasonable rates and services.
- The Surface Transportation Board enables the public to **influence changes in the rail industry** by offering an opportunity for their comments in its proceedings.
- **In order to ensure the development and continuation of a sound transportation system**, the Surface Transportation Board adjudicates complaints about railroad rates and practices, reviews mergers and acquisitions, licenses the construction of new lines, and has regulatory oversight on the abandonment of old lines.
- The Surface Transportation Board **provides the public with a forum for informal resolution of disputes**, including mediation, arbitration, and a robust rail customer assistance program.
- The Surface Transportation Board **protects the public interest** in its regulation of certain non-rail matters: mergers and acquisitions in the intercity bus industry; rates charged by pipelines (except oil pipelines); household goods carrier tariffs; and rates and practices of ocean carriers hauling freight between the continental United States and Alaska, Puerto Rico, and other U.S. territories and possessions.

# BUDGETARY RESOURCES

## APPROPRIATIONS, OBLIGATION LIMITATIONS, USER FEES, ASSET SALES, AND FHWA EXEMPT OBLIGATIONS

Dollars in Millions

Administration	FY 2014 Actual	FY 2015 Estimate	FY 2016 Request
Federal Aviation Administration	\$15,760	\$15,848	\$15,836
Federal Highway Administration	40,942 <sup>1,2</sup>	40,941 <sup>1</sup>	51,307 <sup>1</sup>
Federal Motor Carrier Safety Administration	585	584	669
National Highway Traffic Safety Administration	819 <sup>2</sup>	830	908
Federal Transit Administration	10,841 <sup>1</sup>	11,008 <sup>1</sup>	18,399 <sup>1</sup>
Federal Railroad Administration	1,610	1,626	5,018
Pipeline and Hazardous Materials Safety Administration	210	245	289
Maritime Administration	377	341	407
Saint Lawrence Seaway Development Corporation	31	32	36
Office of the Secretary	1,022	911	1,721
Office of the Inspector General	86	86	87
Surface Transportation Board	31	31	32
<b>Total DOT Budgetary Resources</b>	<b>\$72,313</b>	<b>\$72,483</b>	<b>\$94,710</b>

Totals may not add due to rounding.

<sup>1</sup> Does not include net flex funding transfers from the Federal Highway Administration to the Federal Transit Administration.

<sup>2</sup> Does not include funding transfers from the Federal Highway Administration to the National Highway Traffic Safety Administration.

# BUDGET AUTHORITY

Dollars in Millions

Administration	FY 2014 Actual	FY 2015 Estimate	FY 2016 Request
Federal Aviation Administration	\$15,866	\$15,848	\$15,836
Federal Highway Administration	41,356 <sup>1, 2</sup>	41,125 <sup>1</sup>	51,332 <sup>1</sup>
Federal Motor Carrier Safety Administration	572	584	669
National Highway Traffic Safety Administration	819 <sup>2</sup>	830	908
Federal Transit Administration	10,744 <sup>1</sup>	10,887 <sup>1</sup>	18,399 <sup>1</sup>
Federal Railroad Administration	1,647	1,657	5,018
Pipeline and Hazardous Materials Safety Administration	210	245	289
Maritime Administration	412	341	408
Saint Lawrence Seaway Development Corporation	31	32	36
Office of the Secretary	1,019	911	1,721
Office of the Inspector General	86	86	88
Surface Transportation Board	30	30	31
<b>Total DOT Budget Authority</b>	<b>\$72,790</b>	<b>\$72,576</b>	<b>\$94,734</b>

Totals may not add due to rounding.

<sup>1</sup> Does not include net flex funding transfers from the Federal Highway Administration to the Federal Transit Administration.

<sup>2</sup> Does not include funding transfers from the Federal Highway Administration to the National Highway Traffic Safety Administration.

# OUTLAYS

Dollars in Millions

Administration	FY 2014 Actual	FY 2015 Estimate	FY 2016 Request
Federal Aviation Administration	\$15,497	\$16,551	\$16,690
Federal Highway Administration	44,014	43,808	45,876
Federal Motor Carrier Safety Administration	534	601	662
National Highway Traffic Safety Administration	882	849	1,045
Federal Transit Administration	12,279	12,790	14,682
Federal Railroad Administration	2,811	3,602	5,018
Pipeline and Hazardous Materials Safety Administration	191	257	285
Maritime Administration	430	676	403
Saint Lawrence Seaway Development Corporation	31	41	44
Office of the Secretary	876	1,344	964
Office of the Inspector General	83	89	90
Surface Transportation Board	28	31	32
<b>Total DOT Outlays</b>	<b>\$77,657</b>	<b>\$80,638</b>	<b>\$85,790</b>

Totals may not add due to rounding.

# FULL TIME EQUIVALENT EMPLOYMENT

## TOTAL

Administration	FY 2014 Actual	FY 2015 Estimate	FY 2016 Request
Federal Aviation Administration	44,932	46,575	46,990
Federal Highway Administration	2,872	2,777	2,869
Federal Motor Carrier Safety Administration	1,100	1,175	1,276
National Highway Traffic Safety Administration	588	612	669
Federal Transit Administration	525	566	625
Federal Railroad Administration	851	884	979
Pipeline and Hazardous Materials Safety Administration	421	548	635
Maritime Administration	791	842	842
Saint Lawrence Seaway Development Corporation	131	144	144
Office of the Secretary	1,172	1,279	1,383
Working Capital Fund	223	282	350
Office of the Inspector General	395	422	425
Surface Transportation Board	131	156	161
<b>Total DOT Full Time Equivalent Employment</b>	<b>54,132</b>	<b>56,262</b>	<b>57,348</b>

## DIRECT

Administration	FY 2014 Actual	FY 2015 Estimate	FY 2016 Request
Federal Aviation Administration	42,878	44,213	44,333
Federal Highway Administration	2,655	2,560	2,652
Federal Motor Carrier Safety Administration	1,039	1,114	1,215
National Highway Traffic Safety Administration	586	610	669
Federal Transit Administration	525	566	625
Federal Railroad Administration	851	884	979
Pipeline and Hazardous Materials Safety Administration	418	548	635
Maritime Administration	463	507	514
Saint Lawrence Seaway Development Corporation	0	0	0
Office of the Secretary	569	669	773
Working Capital Fund	0	0	0
Office of the Inspector General	393	422	425
Surface Transportation Board	124	147	152
<b>Total DOT Full Time Equivalent Employment</b>	<b>50,501</b>	<b>52,240</b>	<b>52,972</b>

