

State Route 710 North Draft EIR/EIS

Board Staff Briefing

March 17, 2015



Metro



Presentation Outline

- ❑ Community Outreach Activities
- ❑ Background
- ❑ Overview of Alternatives
- ❑ A Sampling of Draft EIR/EIS Content
- ❑ Next Steps

Community Outreach/ Public Participation (1 of 2)

Over 300 Meetings/Briefings Conducted

□ 180 in Northeast/East Los Angeles:

- Boyle Heights
- Eagle Rock
- East Los Angeles
- El Sereno
- Glassell Park
- Highland Park
- Lincoln Heights
- Los Angeles
- Mount Washington

□ 154 in the San Gabriel Valley:

- Arcadia
- Alhambra
- Azusa
- Bradbury
- Burbank
- Duarte
- El Monte
- Glendale
- Irwindale
- La Canada Flintridge
- La Crescenta
- Monrovia
- Monterey Park
- Pasadena
- Rosemead
- San Gabriel
- Sierra Madre
- South Pasadena
- Temple City

Community Outreach/ Public Participation (2 of 2)

Briefings Held with Elected Officials

❑ Congress Members:

- Adam Schiff, Xavier Becerra, Judy Chu, Janice Hahn, Lucille Roybal-Allard

❑ State Senators:

- Kevin De Leon, Ed Hernandez, Carol Liu

❑ State Assembly Members:

- Mike Eng, Chris Holden, Jimmy Gomez, John Perez

❑ Los Angeles County Board of Supervisors:

- Michael Antonovich, Gloria Molina, Hilda Solis

❑ Los Angeles City Council:

- Jose Huizar, Gil Cedillo, Eric Garcetti, Antonio Villaraigosa

❑ Local Elected Officials:

- Luis Ayala (Alhambra), John Fasana (Duarte), John Kennedy (Pasadena), Dennis Kneier (San Marino), David Lau (Monterey Park), Steve Madison (Pasadena), Barbara Messina (Alhambra), Ara Najarian (Glendale), Jacque Robinson (Pasadena), Stephen Sham (Alhambra)

Public Noticing

- ❑ Issued Joint Metro/Caltrans News Release on March 6, 2015 and;
- ❑ Published notices in legal sections of several newspapers throughout Study Area:
 - Notice of Availability of Draft EIR/EIS
 - Caltrans website, public libraries (refer to handout)
 - Public Hearing Dates
 - Public Comment Period: March 6, 2015 - July 6, 2015 (120 days)
 - Caltrans website for electronic submission of public comments
 - Caltrans Contact Information

Supplemental Public Noticing

- ❑ Announcement on SR 710 North Webpage:
www.metro.net/sr710study
- ❑ E-blast Joint News Release to SR 710 North Database
- ❑ Joint News Release Posted on Study Area City Websites
- ❑ Sent Mailer to Businesses and Households
- ❑ Ad Placements Online and in Mainstream/Community Newspapers

Background

- ❑ Measure R funded study initiated 4 years ago to alleviate mobility constraints in study area (east/northeast Los Angeles and western San Gabriel Valley)
- ❑ 5 Alternatives advanced to the Draft Environmental Impact Report/Statement (Draft EIR/EIS) for further study in 2012
- ❑ Draft EIR/EIS is being circulated for public review and comment through July 6, 2015
- ❑ Draft EIR/EIS does not recommend or select a Preferred Alternative

Environmental Process

- ❑ Comply with state and federal environmental laws that include the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA)
- ❑ Prepare an environmental document that explains why a proposed improvement may have a significant effect on the environment
- ❑ Stakeholders provide input on the proposed improvements contained in Draft EIR/EIS
- ❑ Finalize EIR/EIS before proceeding to next steps in the project development process (final design and right of way acquisitions, and construction)

Ways to Comment on Draft EIR/EIS

During the public circulation period-

Provide testimony (written or verbal) at the Public Hearings

Send written comments to:

Garrett Damrath
Caltrans District 7
Division of Environmental Planning
100 S. Main St., MS-16
Los Angeles, CA 90012

Submit online comments via the Caltrans website:

http://www.dot.ca.gov/dist07/resources/envdocs/docs/710study/draft_eir-eis

Draft EIR/EIS Contents

VOLUME I:

Chapter 1- Background,
Purpose & Need

Chapter 2- Alternatives
(Considered and
Eliminated)

Chapter 3- Affected
Human, Physical and
Biological Environment

Chapter 4- California
Environmental Quality Act
(CEQA) Evaluation

Chapter 5- Comments
and Coordination

Chapter 6– List of
Preparers

Chapter 7- Distribution
List

VOLUME II: APPENDICES

(Supporting list of technical studies, charts, figures, tables, etc)

Chapter 3 Environmental Topics

HUMAN ENVIRONMENT

- **Land Use**
- **Growth**
- **Community Impacts**
 - Community Character and Cohesion
 - Relocation and Property Acquisition
 - Economic Impacts
 - Environmental Justice
- Utilities/Emergency Services
- **Traffic & Transportation/** Pedestrian & Bicycle Facilities
- **Visual Aesthetics**
- **Cultural Resources**

PHYSICAL ENVIRONMENT

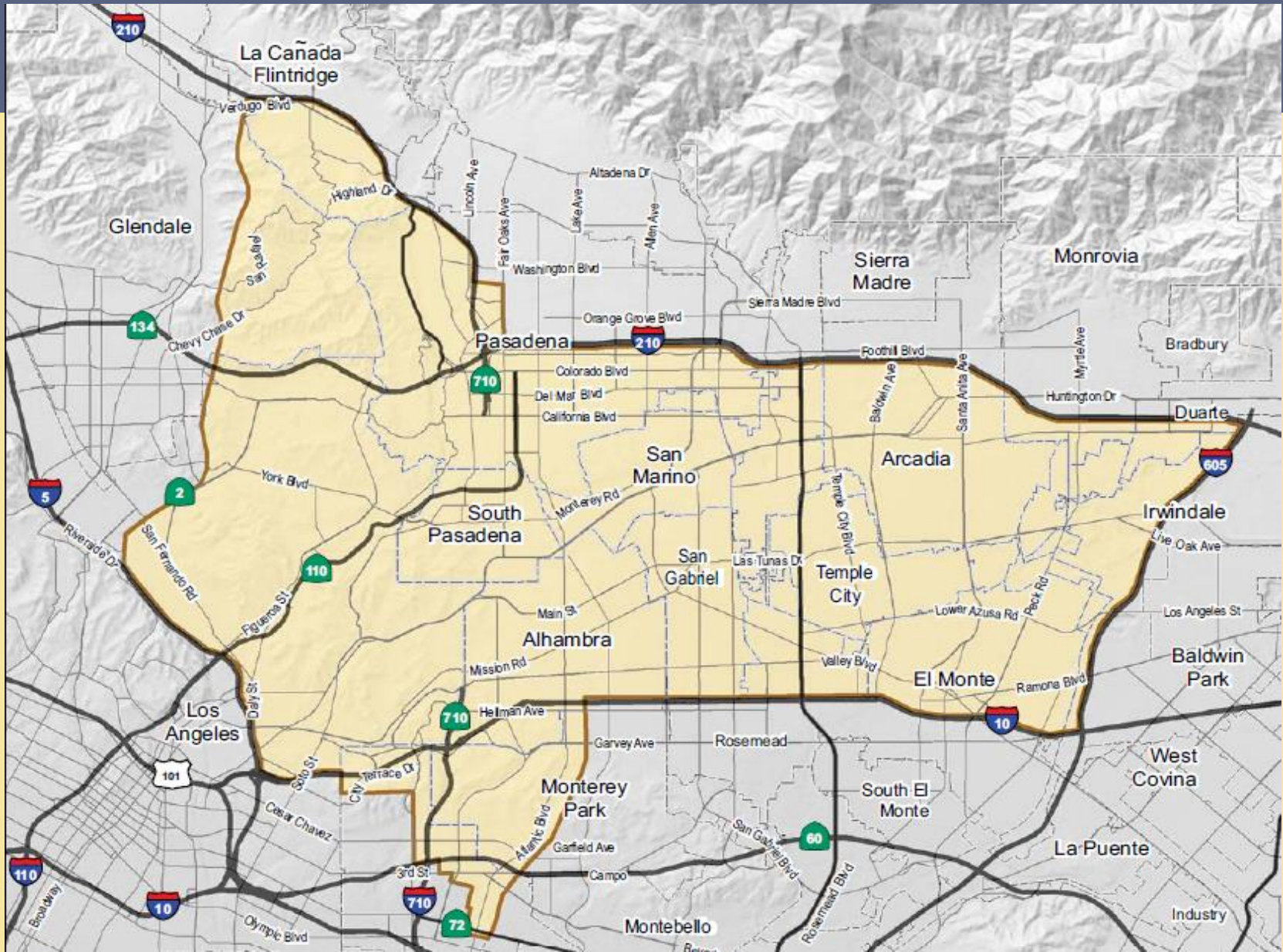
- Hydrology and Floodplain
- Water Quality and Storm Water Runoff
- Geology, Soils, Seismic and Topography
- Paleontology
- Hazardous Wastes/Materials
- **Air Quality**
- **Noise and Vibration**
- Energy

OTHER: Cumulative Impacts, Construction Impacts, Health Risk Assessment (Chapter 4)

BIOLOGICAL ENVIRONMENT

- Natural Communities
- Wetlands and Other Waters
- Plant Species
- Animal Species
- Threatened and Endangered Species
- Invasive Species

Study Area/Project Location



Purpose and Need Statement

The purpose of the proposed action is to effectively and efficiently accommodate regional and local north-south travel demands in the study area (the western San Gabriel Valley and east/northeast Los Angeles) including the following considerations:

- Improve efficiency of the existing regional freeway and transit networks;
- Reduce congestion on local arterials adversely affected by regional traffic volumes; and
- Minimize environmental impacts related to mobile sources

Alternatives Studied

- 1) No Build Alternative
- 2) Transportation System Management/
Transportation Demand Management (TSM/TDM)
Alternative
- 3) Bus Rapid Transit (BRT) Alternative
- 4) Light Rail Transit (LRT) Alternative
- 5) Freeway Tunnel Alternative (with variations)

List Not Prioritized

No Build

- ❑ Includes planned improvements contained in the 2012 Southern California Association of Governments (SCAG) Regional Transportation Plan (RTP) through 2035
- ❑ Provides the baseline against which all of the build alternatives are compared

TSM/TDM

□ Four Components:

- Intelligent Transportation System (ITS)
- Local Street and Intersection Improvements
- Transit (Bus) Refinement
- Active Transportation

□ Elements included in BRT, LRT and Freeway Tunnel Alternatives

Preliminary Cost Estimate: \$105 Million (in 2014 \$s)

Preliminary Construction Duration: Approximately 2 years

Intelligent Transportation Systems Improvements

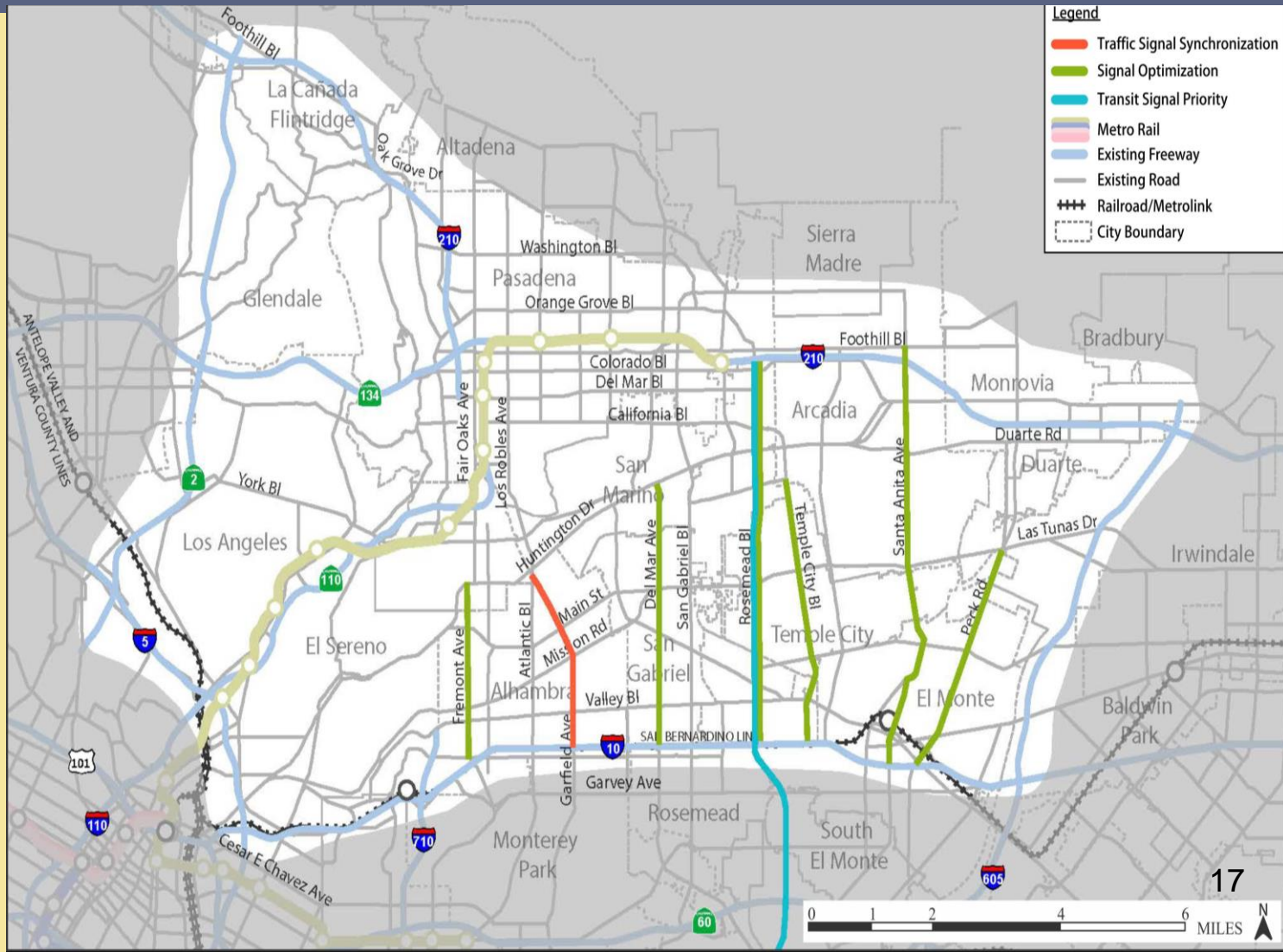
Signal Synchronization

Signal Optimization

Transit Signal Priority

Arterial Changeable Message Signs

Speed Data Collection System



Local Street & Intersection Improvements

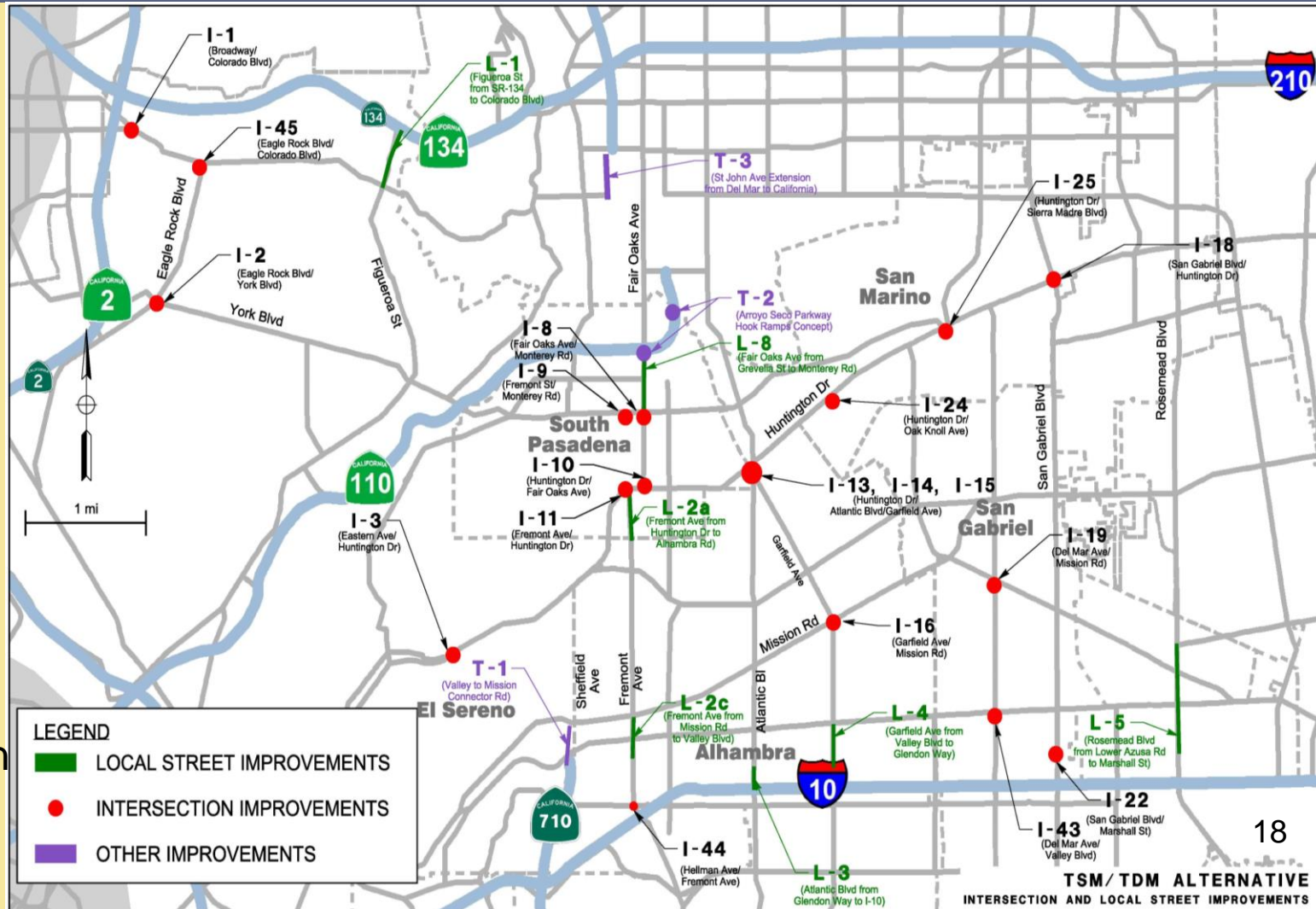
17 Intersection Improvements

7 Local Street Segments

Modify Fair Oaks/SR 110 Interchange

Extend St. John from Del Mar to California

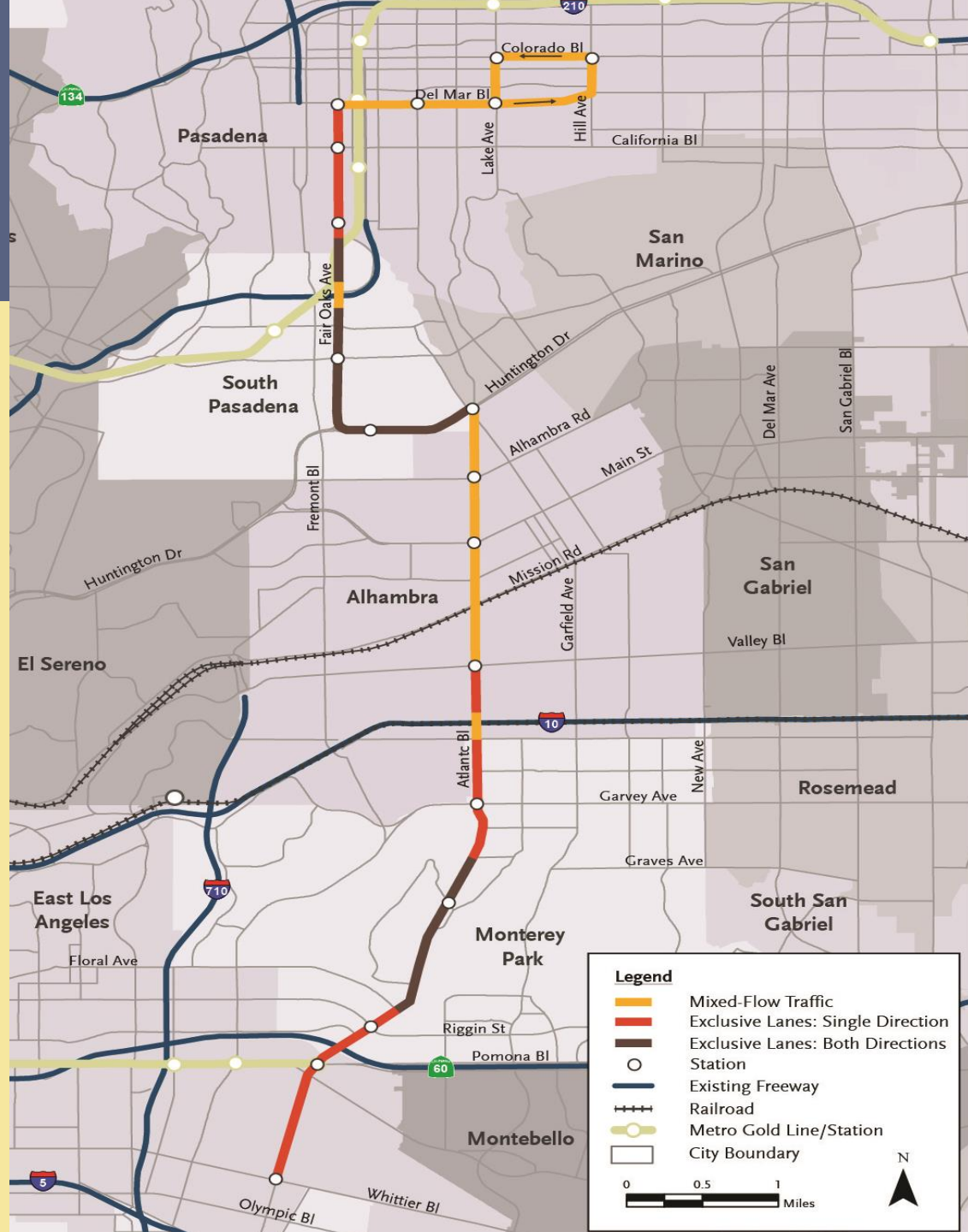
Valley to Mission Connector



BRT

- Peak Period Bus Only Lanes
- 12 mile corridor with 17 stops
- Peak/Off Peak Headways: 10/20 minutes
- Feeder Service to:
 - El Monte Bus Station
 - Commerce & Montebello Metrolink Stations
- Total new riders system-wide: 13,500 (in 2035)
- Preliminary Cost Estimate: \$241Million* (in 2014 \$s)
- Preliminary Construction Duration: Approximately 2 yrs

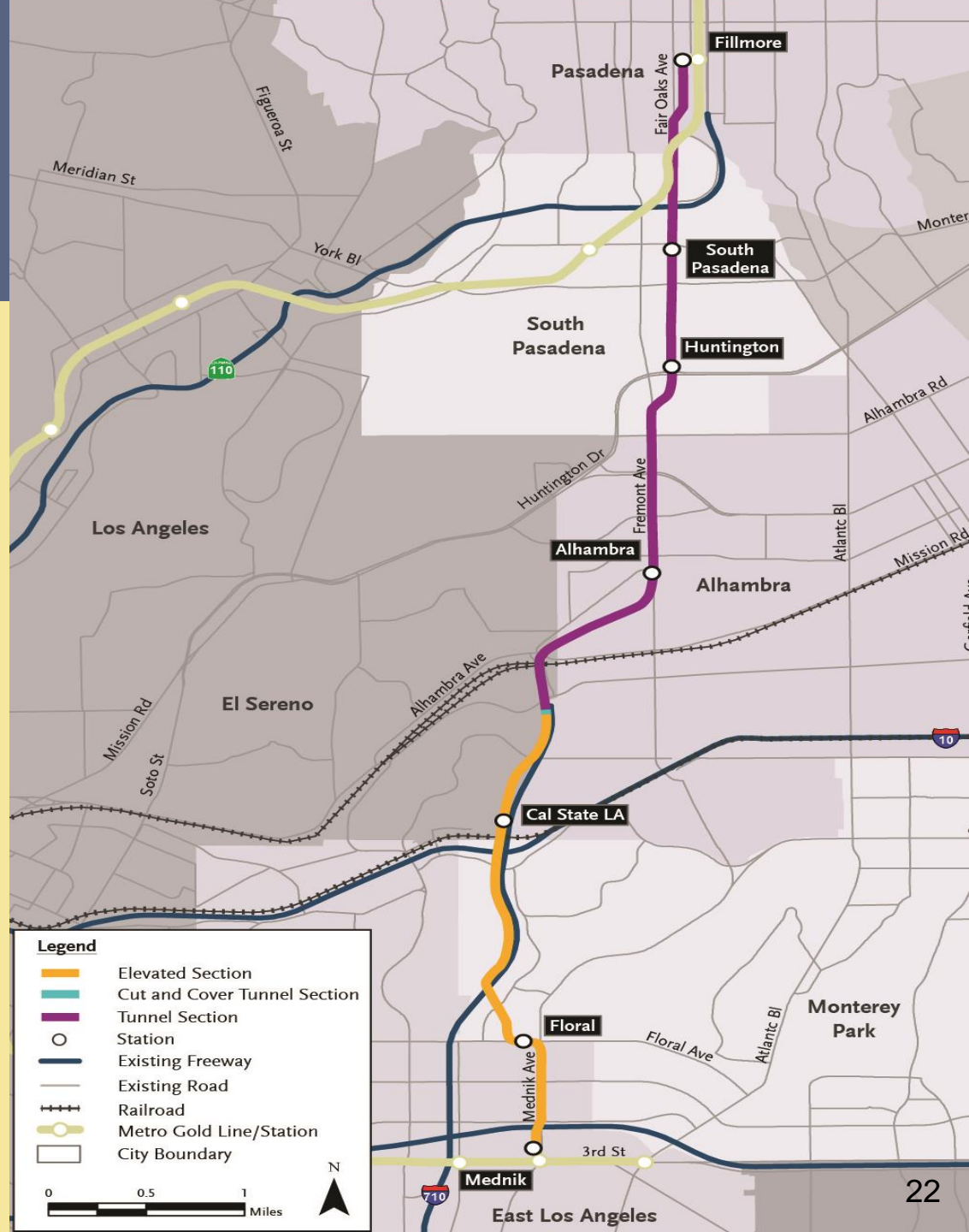
*Includes \$102Million for TSM/TDM Elements



LRT

- 7.5 mile passenger rail line with 7 stations
- 3 mile long elevated segment
- 4.5 mile long tunnel segment
 - Two approximately 20 ft diameter tunnels
 - Tunnel Depth: 20 to 90 ft
- Feeder Service (Like BRT)
- Total new riders system-wide: 15,350 (in 2035)
- Preliminary Cost Estimate : \$2,420 Million*(in 2014 \$s)
- Preliminary Construction Duration: Approximately 6 yrs

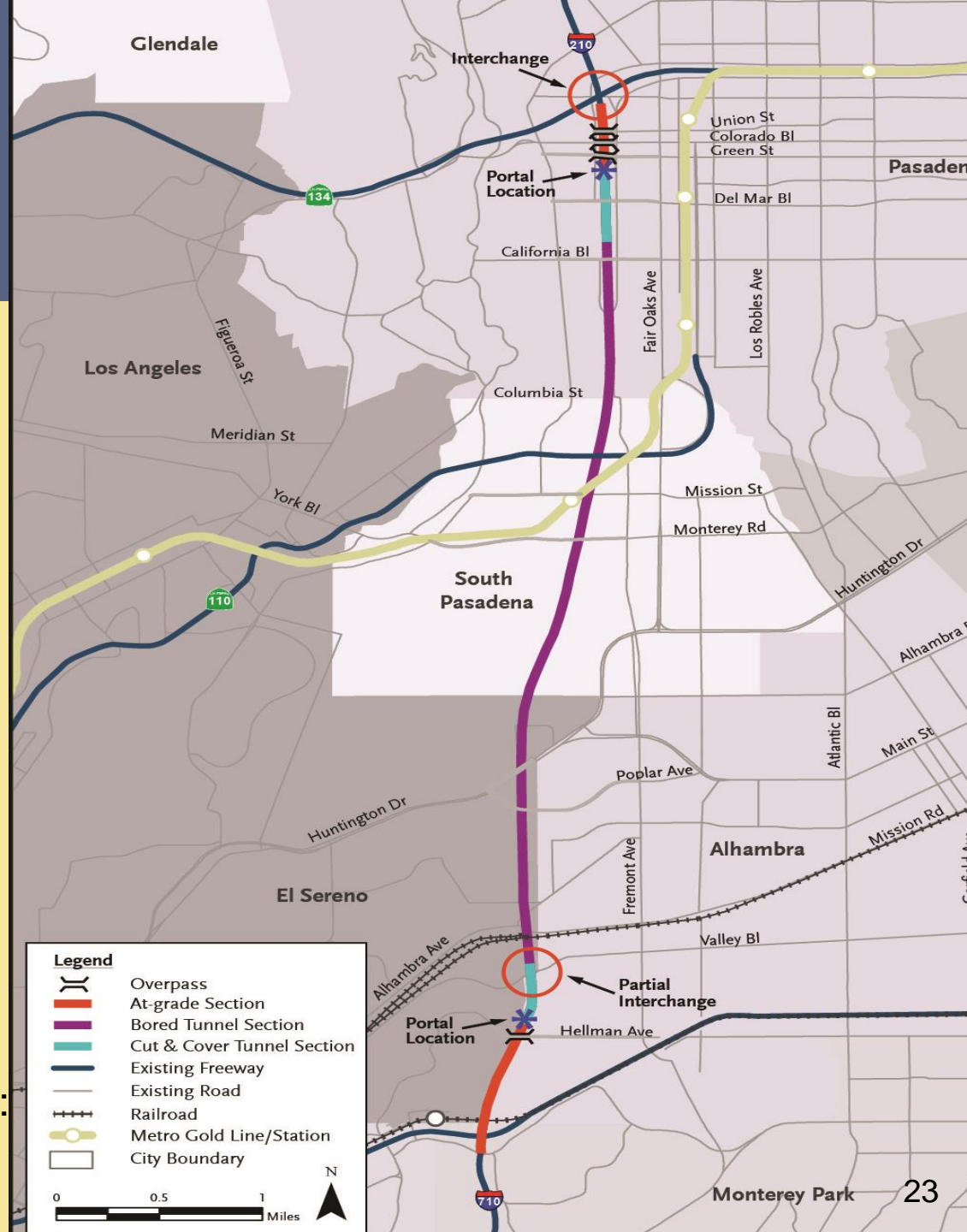
*Includes \$52Million for TSM/TDM Elements



Freeway Tunnel

- 6.3 mile route
- Single Bore (SB) & Dual Bore (DB) tunnel design variations
 - Bore Tunnel Length: 4.2 miles
 - Diameter: Approximately 60 ft
 - Tunnel Depth: 20 to 280 ft
- Operating with and without tolls, trucks; with express bus service
- 89,900 veh/day SB (with tolls)
169,400 veh/day DB (with tolls)
- Preliminary Cost Estimate(s):
\$3,150 Million* (in 2014 \$s) SB
\$5,650 Million* (in 2014 \$s) DB
- Preliminary Construction Duration:
Approximately 4-5 yrs

*Includes \$50Million for TSM/TDM Elements



Land Use, Growth & Community Impacts

General-

- None of the Build Alternatives are consistent with policies, objectives or programs of various General Plans
- None of the Build Alternatives are expected to result in unplanned growth
- Except for LRT, there are no adverse impacts to community character and cohesion
- There are no disproportionate impacts on Environmental Justice Populations

Community Impacts (1 of 2)

Regarding Relocations, Acquisitions & Economic Impacts-

- LRT reports the greatest # of full property acquisitions, business relocations and employee displacements - 58, 74 and 675, respectively
- LRT reports the greatest # of temporary parking losses during construction- Approximately 240
- LRT reports the greatest # of future operations and maintenance (O&M) jobs – Approximately 1300 over 20 year life of facility

Community Impacts (2 of 2)

More on Economic Impacts -

- LRT reports the highest future O&M employment earnings – Approximately \$45 Million over life of facility
- LRT reports the highest annual property tax and sales tax revenue losses - Approximately \$51,000 and \$75,000, respectively
- Freeway Tunnel (DB design) reports the greatest # of future construction jobs - Approximately 72,000 (over construction period)
- Freeway Tunnel (dual bore design) reports the highest future construction employment earnings - Approximately \$3,500 Million (over construction period)₂₆

Visual, Cultural, Noise & Air Quality

General-

- All Build Alternatives report varying degrees of visual impacts
- Except for BRT, there are no Section 4(f) Impacts
- There are no adverse effects on historic properties
- All Build Alternatives report noise levels approaching or exceeding noise abatement criteria at varying degrees during and post construction activities
- All Build Alternatives result in temporary construction air quality and noise impacts

Air Quality

Regarding Air Quality Conformity-

- Freeway Tunnel (toll variation) is consistent with 2012 Regional Transportation Plan and 2015 Federal Transportation Improvement Plan
- TSM/TDM, BRT and LRT Alternatives are not considered projects of air quality concern
- Additional analysis for conformity would be required if Freeway Tunnel is identified as the Preferred Alternative

Traffic & Transportation

When compared to No Build in 2035, all Build Alternatives:

- Reduce traffic within study area and region, and on local streets by varying degrees depending on the alternative
- Increase vehicle miles travelled within study area
- Decrease vehicles hours travelled within study area
- Reduce local street traffic volumes in n/s directions within the study area
- Reduce cut-through traffic within the study area
- Increase transit ridership within the study area

Traffic and Transportation Summary Table

New Transit Ridership (change in daily linked trips) in 2035

TSM/ TDM	BRT	LRT	Freeway Tunnel	
			Single-bore	Dual-bore
11,250	13,500*	15,350*	10,100*	9,700*

**Includes ridership from enhanced bus service as part of TSM/TDM Improvements*

Average Daily Traffic Volumes Freeway Tunnel in 2035 (Vehicles/day)

Single-Bore Freeway Tunnel			Dual-Bore Freeway Tunnel		
With Toll Variation	With Toll, No Trucks Variation	With Toll, Express Bus Variation	No Toll Variation	No Toll, No Trucks Variation	With Toll Variation
89,900	93,300	92,400	180,000	180,000	169,400

Public Hearings*

SATURDAY, APRIL 11, 2015 (10 AM TO 4 PM)

10 AM to 11 AM: Map Viewing
11 AM to 4 PM: Public Hearing

EAST LOS ANGELES COLLEGE
Rosco C. Ingalls Auditorium
1301 Avenida Cesar Chavez,
Monterey Park, CA

TUESDAY, APRIL 14, 2015 (5 PM TO 9 PM)

5 PM to 6 PM: Map Viewing
6 PM to 9 PM: Public Hearing**

PASADENA CONVENTION CENTER
Ballroom
300 East Green Street,
Pasadena, CA

*Third Public Hearing date, location and time to be determined.

**Live webcast: <http://www.ustream.tv/channel/sr-710-study>

Next Steps

- Conduct Public Hearings
- Review and Respond to Public Comments
- Develop/Prepare Supporting Data to Identify the Preferred Alternative (PA)
- Request Metro Board Concurrence on Recommended PA
- Finalize Environmental Document and Secure Record of Decision

Learn the Facts, Get Involved, Be a Part of the Solution

Visit the Caltrans website to review the Draft EIR/EIS:
http://www.dot.ca.gov/dist07/resources/envdocs/docs/710study/draft_eir-eis

and

Visit Metro's website for library listings to access the
Draft EIR/EIS, and to get updates:

<http://www.metro.net/sr710study>



Human Environment		
Environmental Topic	EIR/EIS Page Reference	Generalized Discussion
Land Use	3.1-1	Conversion of existing land uses and consistency with regional and local plans
Growth	3.2-1	Growth analysis
Community Impacts	3.3-1	Temporary construction impacts; changes in access, circulation, community cohesion
Relocation and Property Acquisition	3.3-35	Right-of-way acquisition; relocation and replacement property
Economic Impacts	3.3-48	Effects on local economic conditions
Environmental Justice	3.3-57	Effects on minority and low-income populations
Utilities/Emergency Services	3.4-1	Utility abandonment, removal and/or relocation/replacement; emergency response times
Traffic and Transportation/Pedestrian and Bicycle Facilities	3.5-1	Impacts on existing pedestrian and vehicular traffic patterns, access and circulation issues; parking effects
Visual/Aesthetics	3.6-1	Effects on viewsheds, visual character changes
Cultural Resources	3.7-1	Effects to listed/eligible properties on National Register of Historic Places (NRHP)
Physical Environment		
Environmental Topic	EIR/EIS Page Reference	Generalized Discussion
Hydrology and Floodplain	3.8-1	Runoff increases; potential effect on area drainage alterations
Water Quality and Stormwater Runoff	3.9-1	Potential increase in velocity and volume of downstream flow, pollutant sources
Geology/Soils/Seismic/Topography	3.10-1	Geology, soils, and seismic concerns as they relate to public safety
Paleontology	3.11-1	Effects to paleontological (fossils) resources
Hazardous Waste/Materials	3.12-1	Exposure to hazardous waste/materials
Air Quality	3.13-1	Effect on regional and local air quality
Noise	3.14-1	Effects to noise sensitive receptors
Energy	3.15-1	Changes in energy consumption; energy use types
Biological Environment		
Environmental Topic	EIR/EIS Page Reference	Generalized Discussion
Natural Communities	3.16-1	Effects to natural communities
Wetlands and Other Waters	3.17-1	Effects to jurisdictional wetlands and other waters
Plant Species	3.18-1	Effects to special-status plant species
Animal Species	3.19-1	Effects to special-status wildlife species
Threatened and Endangered Species	3.20-1	Effects to threatened and endangered species
Invasive Species	3.21-1	Potential to spread invasive species
Other		
Environmental Topic	EIR/EIS Page Reference	Generalized Discussion
Relationship Between Local Short-Term Uses of the Human Environment and the Maintenance and Enhancement of Long-Term Productivity	3.22-1	Effects of project implementation of short-term and long-term transportation goals and economic benefits
Irreversible and Irretrievable Commitments of Resources That Would Be Involved in the Proposed Project	3.23-1	Irreversible and irretrievable commitments
Construction Impacts	3.24-1	Temporary impacts during construction
Cumulative Impacts	3.25-1	Potential cumulative effects of proposed Project
California Environmental Quality Act (CEQA)		
Environmental Topic	EIR/EIS Page Reference	Generalized Discussion
CEQA	4-1	Environmental impacts evaluated under CEQA



SR 710 North Study

Locations to View SR 710 North Draft EIR/EIS

You can look at or obtain the SR 710 North Draft Environmental Impact Report/Statement (Draft EIR/EIS) at the CALTRANS District Office (100 South Main St., Los Angeles, CA 90012) on weekdays from 7:00 am to 3:00 pm. Maps and other information are also available.

Printed copies of the Executive Summary (including Chinese, Korean, Spanish and Vietnamese translations), and Draft EIR/EIS (Volume 1 and Volume 2), as well as one USB flash drive containing the Draft EIR/EIS (Volumes 1 & 2) and all Technical Studies is available for viewing at the following libraries within the study area:

Alhambra Civic Center Library- 101 S 1st St. Alhambra	El Sereno Library- 5226 Huntington Dr. South Los Angeles	City Terrace Library- 4025 E. City Terrace Dr. Los Angeles	Pasadena Central Library- 285 E. Walnut St. Pasadena
Bruggemeyer Library- 318 S. Ramona Ave. Monterey Park	Malabar Library- 2801 Wabash Ave. Los Angeles	East LA Library 4837 E. 3rd St. Los Angeles	San Rafael Library- 1240 Nithsdale Road Pasadena
Glendale Central Library- 222 East Harvard St. Glendale	Anthony Quinn Library- 3965 E. Cesar E Chavez Ave. Los Angeles	La Canada Flintridge Library- 4545 N. Oakwood Ave. La Canada Flintridge	South Pasadena Library- 1100 Oxley St. South Pasadena

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Altadena Main Library- 600 East Mariposa St. Altadena	LA City Library Arroyo Seco Branch - 6145 N. Figueroa St. Los Angeles	LA County Library Live Oak Library- 4153-55 Live Oak Ave. Arcadia	Pasadena Public Library Hill Avenue Branch- 55 South Hill Ave. Pasadena
Arcadia Public Library- 20 West Duarte Road Arcadia	LA City Library Chinatown Branch 639 N. Hill St. Los Angeles	LA County Library Norwood Branch 4550 N. Peck Rd. El Monte	Pasadena Public Library Lamanda Park Branch- 140 South Altadena Dr. Pasadena
Azusa City Library- 729 N. Dalton Ave. Azusa	LA City Library Cypress Park Branch - 1150 Cypress Ave. Los Angeles	LA County Library San Gabriel Branch 500 S. Del Mar Ave. San Gabriel	Pasadena Public Librar La Pintoresca Library- 1355 N. Raymond Ave. Pasadena

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SR 710 North Study

Crowell Public Library- 1890 Huntington Dr. San Marino	LA City Library Eagle Rock Branch 5027 Caspar Ave. Los Angeles	LA County Library So. El Monte Public Library- 1430 Central Ave. South El Monte	Pasadena Public Library Linda Vista Branch 1281 Bryant St. Pasadena
CSULA Library- 5151 State University Dr. Los Angeles	LA City Library Lincoln Heights - Branch 2530 Workman St. Los Angeles	LA County Library Temple City Library- 5939 Golden West Ave. Temple City	Pasadena Public Library Villa Parke Branch 363 East Villa St. Pasadena
Duarte Library- 1301 Buena Vista St. Duarte	LA City Library Robert Louis Stevenson Library- 803 Spence St. Los Angeles	Monrovia Public Library- 321 South Myrtle Ave. Monrovia	Rosemead Library- 8800 Valley Blvd. Rosemead
ELAC Library- 1301 Avenida Cesar Chavez Monterey Park	LA City Library Baldwin Park Library- 4181 Baldwin Park Blvd. Los Angeles	Pasadena City College Library- 1570 E. Colorado Blvd. Pasadena	Sierra Madre Library- 440 Sierra Madre Blvd. Sierra Madre
Irwindale Public Library- 5050 North Irwindale Ave. Irwindale	LA County Library El Monte Library- 3224 N. Tyler Ave. El Monte	Pasadena Library Hastings Branch 3325 E. Orange Grove Blvd. Pasadena	

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