

SR 710 North Study

Technical Advisory Committee Meeting No. 11 – July 10, 2013

Stakeholder Outreach Advisory Committee Meeting No. 7 – July 11, 2013



Agenda

- Public Outreach Update
- Update on Parts 2 and 3 – Project Report and Environmental Studies Documentation
 - Recap of TAC No. 10 and SOAC No. 6
 - Update on Preliminary Engineering
 - Update on Environmental Technical Studies
 - Next Steps

Ground Rules

- Q&A after each section of the presentation
- Focus questions on information presented
- General comments and Q&A at the end

Public Outreach Update: May 2013 – July 2013



Summary of Outreach Activities

May 2013 - July 2013

- Structured outreach activities to engage stakeholders throughout the study area
 - Elected Officials
 - City Councils
 - One-on-One Briefings
 - Roundtable Discussions
 - Update Presentations
 - Community Events
 - Interview with Media
 - Digital Engagement
- Representing an outreach effort of more than 80 meetings

All Communities Convening Information Sessions

Thursday, July 18, 2013 – 6-8 PM

Los Angeles Presbyterian Church
2241 N. Eastern Avenue, El Sereno, CA

Saturday, July 20, 2013 – 9:30-11:30 AM*

Blair High School
1201 S. Marengo Avenue, Pasadena, CA

Tuesday, July 23, 2013 – 6-8 PM

Langley Senior Center
400 W. Emerson Avenue, Monterey Park, CA

*Live webcast at 10:00 am

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

Update on Parts 2 and 3 - Project Report and Environmental Studies Documentation



Recap of TAC No. 10 and SOAC No. 6

- Public Outreach Update
- Recap of TAC No. 9 and SOAC No. 5
- Update on Parts 2 and 3 – Project Report and Environmental Studies Documentation
 - Update on each build alternative
- Next Steps

Feedback Received During TAC No. 10/ SOAC No. 6

- Frequency of BRT and BRT feeder services
- Connection to CSULA for BRT alternative
- Consistency of bike routes with LA County bike plan
- Rationale for evaluating single bore tunnel
- Emergency response time/access to Huntington Memorial Hospital during construction
- Comparison of benefits of each tunnel alternative variation with benefits of TSM/TDM, LRT, and BRT
- Concerns about eliminating slip ramps

Feedback Received During TAC No. 10/ SOAC No. 6 (cont.)

- Synchronization of traffic signals
- Location of haul destination
- Concerns about the Valley to Mission connection
- Connection to ELAC from LRT
- Why is there a P3 business plan for the freeway tunnel but not for the other alternatives?
- Evaluation of traffic impacts in unincorporated areas, such as La Crescenta

Fact Checks



LRT Alternative

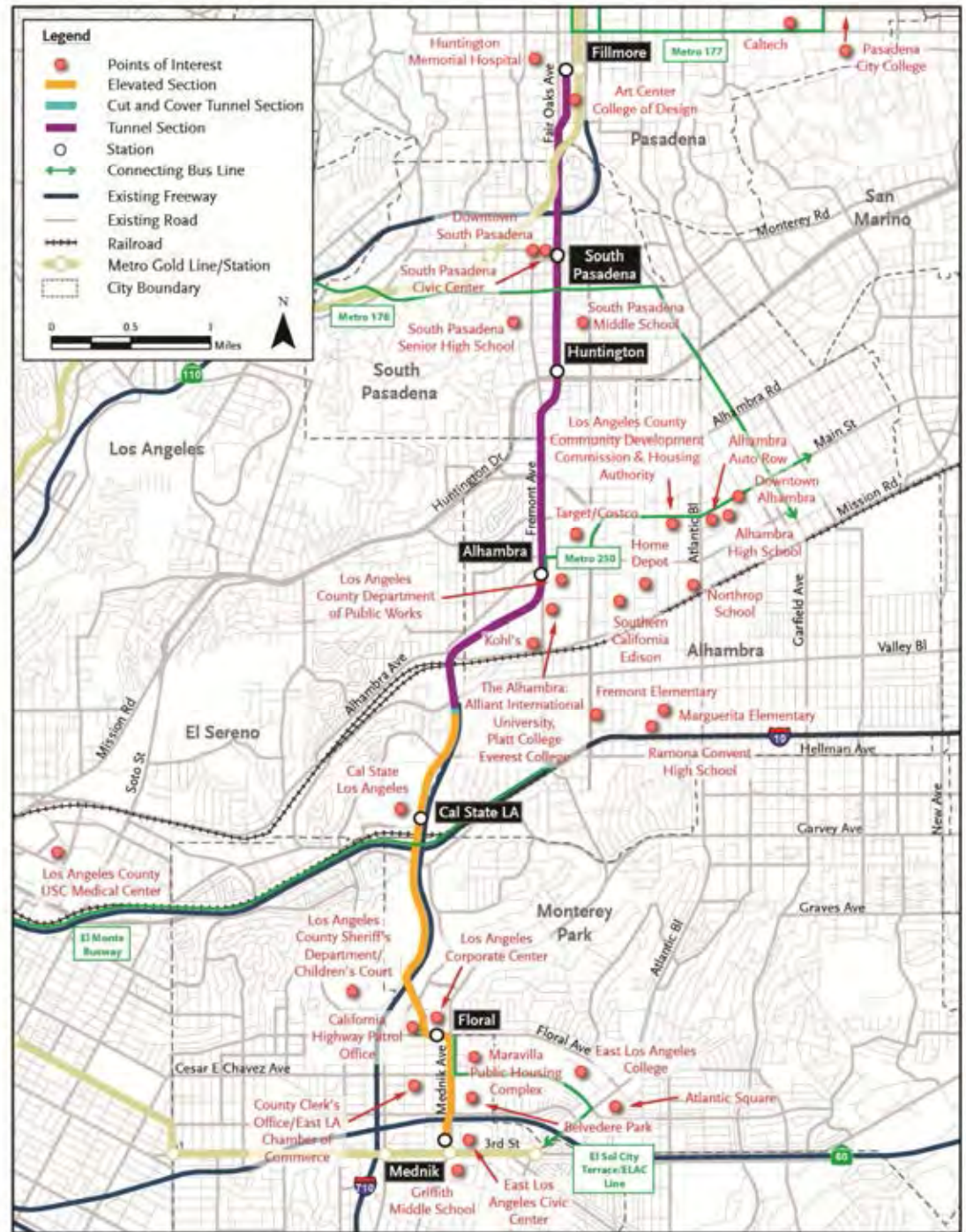
Claim – The LRT does not provide access to major activity centers.

Fact – This is not correct. The LRT alternative provides access to activity centers including the following:

- East LA Community College (1/2 mile from station, also El Sol Shuttle)
- Cal State LA
- County DPW Building
- Downtown South Pasadena
- Huntington Memorial Hospital
- Downtown Pasadena
- Links to downtown Alhambra, PCC and Caltech through feeder services

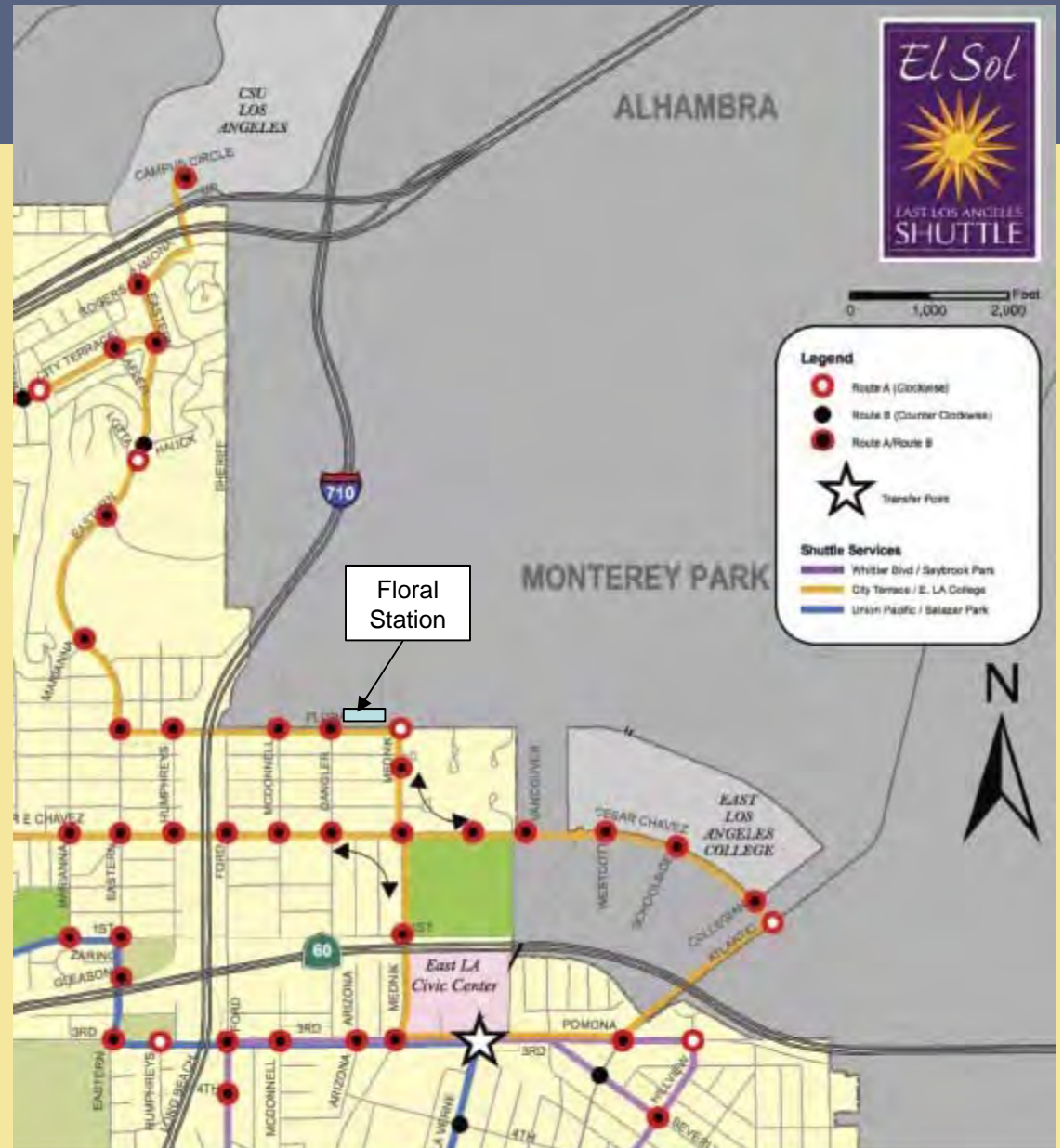
LRT Activity Centers

- Activity centers include:
 - East LA Civic Center
 - Maravilla Housing Project (adjacent to Floral Station)
 - Los Angeles Corporate Center in Monterey Park (adjacent to Floral Station)
 - Cal State LA
 - County DPW Building
 - Huntington Memorial Hospital (adjacent to Fillmore Station)



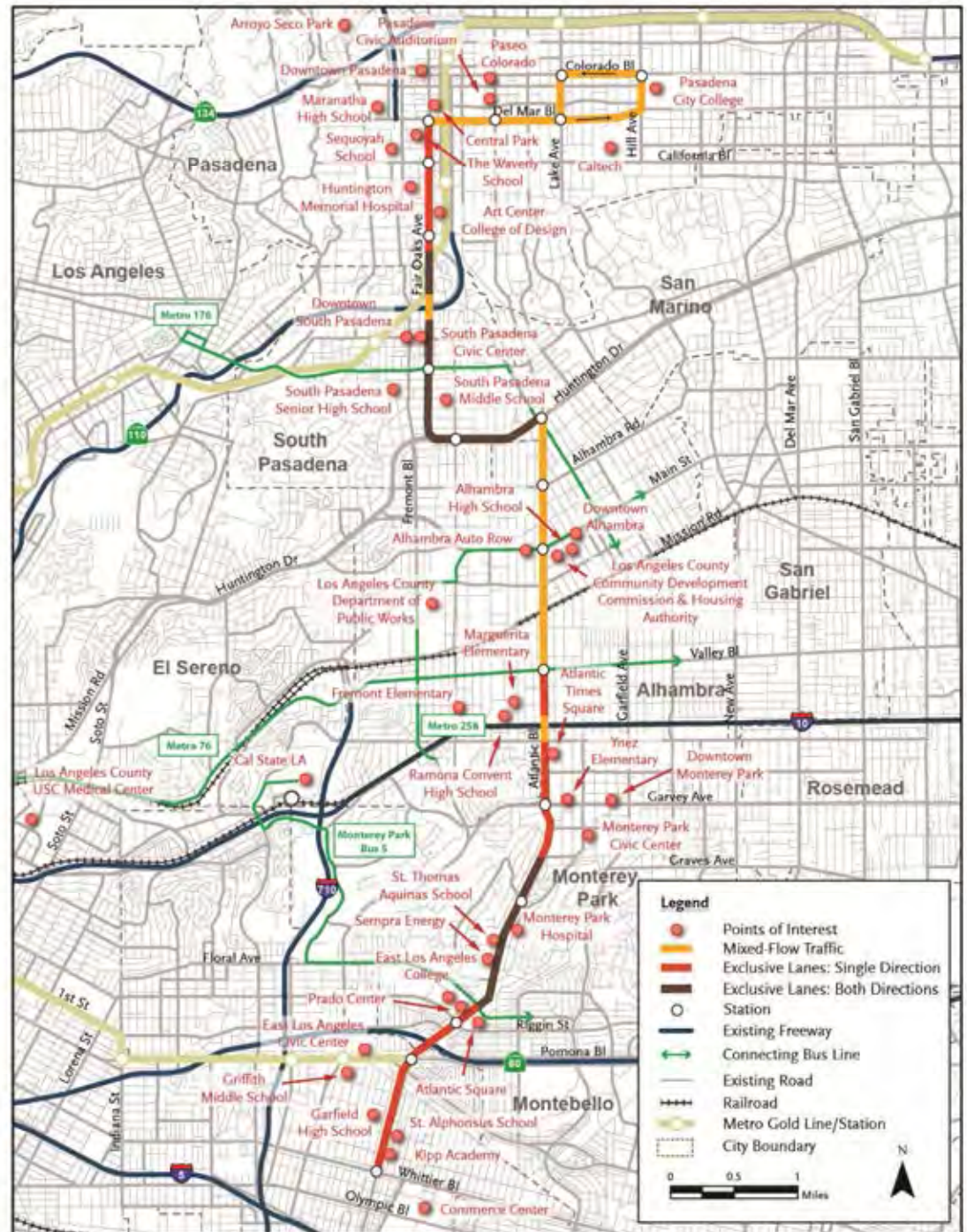
Access to ELAC

- LA County's El Sol shuttle runs directly from Floral Station to ELAC, making 3 stops at ELAC



BRT Activity Centers

- Activity centers include:
 - Pasadena City College
 - Huntington Memorial Hospital
 - Downtown South Pasadena
 - Downtown Alhambra
 - Atlantic Square



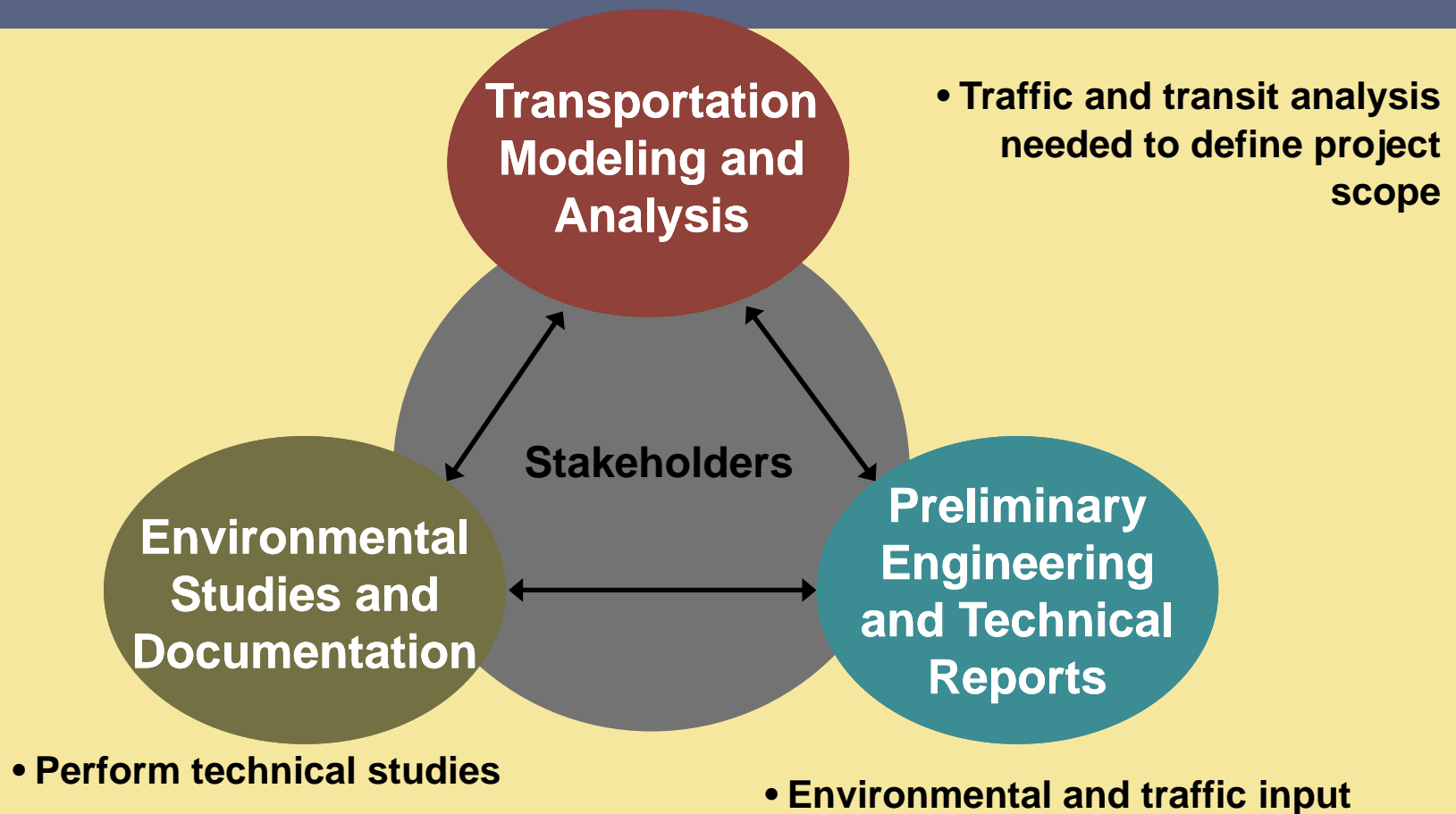
Update on Parts 2 and 3 – Project Report and Environmental Studies Documentation

- Status update on Preliminary Engineering
- Status update on Environmental Studies Documentation

Alternatives Design Refinements

- Optimize performance
- Reduce potential ROW and environmental impacts
- Reduce construction costs
- Minimize community impacts

Alternatives Refinement Process



Continue Refinements to Build Alternatives

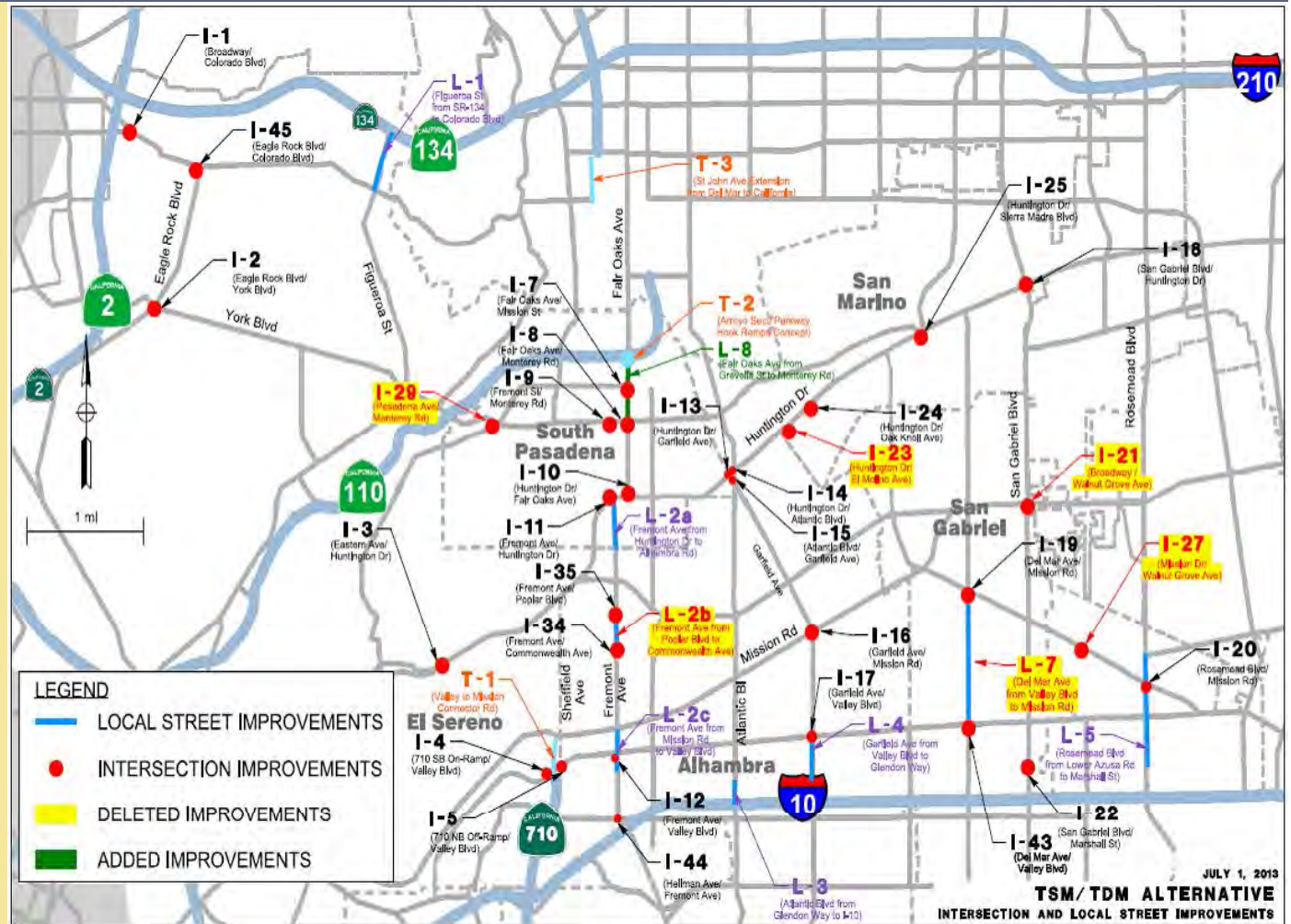
- Transportation System Management (TSM)/Transportation Demand Management (TDM)
- Bus Rapid Transit (BRT) with TSM/TDM
- Light Rail Transit (LRT) with TSM/TDM
- Freeway Tunnel with TSM/TDM

TSM Refinements

- Intersections/local street segments no longer being considered due to excessive impacts and/or lack of observed congestion issues:
 - L-2b (Fremont Avenue from Poplar Boulevard to Commonwealth Avenue)
 - L-7 (Del Mar Avenue from Valley Boulevard to Mission Road)
 - I-21 (Broadway/Walnut Grove Avenue)
 - I-23 (Huntington Drive/El Molino Avenue)
 - I-27 (Mission Drive/Walnut Grove Avenue)
 - I-29 (Pasadena Avenue/Monterey Road)
- Local street segments added:
 - L-8 (Reversible lanes along Fair Oaks Avenue from Grevelia Street to Monterey Street)

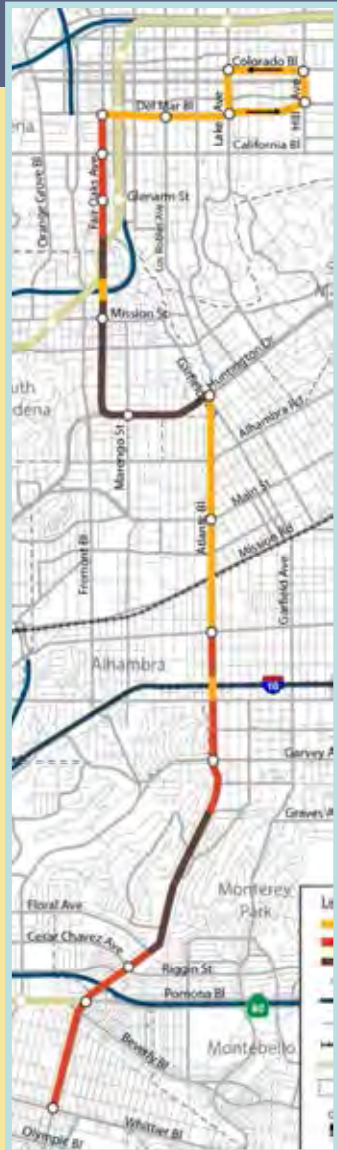
TSM Current Improvements

- 27 intersection improvements
- 7 local street segments
- 2 street extensions
- 1 interchange modification
- Transit enhancement
- Active transportation
- ITS improvements



Continue Refinement

Update to BRT Alternative



- Refinements to peak-period-only bus lanes
brown 2-way; red 1-way; orange mixed traffic
- Developed preliminary engineering drawings for road and intersection improvements
- TSM/TDM intersection improvements and bus service as baseline in BRT Alternative
- Completed concept for bus feeder and connecting services to/from BRT line
- Developing three typical station concepts for application along the BRT route
- Exploring new fare collection technologies for reducing delays at bus stops

Update to LRT Alternative

- Met with Metro Rail Operations to review LRT alignment
 - Adding track crossovers near north and south terminus stations
 - Investigating feasibility of unifying maintenance yard and storage tracks by building a larger bridge over Valley Boulevard
- Refining station configurations and ROW needs
- Adjusting Traction Power Station (TPS) sites to reduce impacts; reviewing power needs

Update to Freeway Tunnel Alternative

- Developing O&M Building concepts at portals
- Developing landscaping concepts at portals
- Coordinating with Fire Marshal and First Responders
- Providing turn around area for CHP before and after beginning of cut and cover tunnel
- Coordinating with UPRR for removal of excavated material by rail to Irwindale
- Coordinating with power companies regarding needed power during construction and normal operations
- Verifying if access can be provided to St. John Avenue and Pasadena Avenue to and from tunnel

Status Update on Environmental Studies Documentation



Environmental Studies Support the EIR/EIS

ENVIRONMENTAL STUDIES

- Property Acquisition
- Community/Neighborhood
- Cultural Resources
- Parks & Facilities
- Air & Water Quality
- Noise
- Environmental Justice
- Health Risk Assessment
- Tolling
- Traffic
- Economic
- Tunnel Fire/Life Safety
- Construction



Environmental Study Process

- Prepare draft technical studies
- Caltrans/Metro review of draft studies
- Prepare final studies for Caltrans/Metro approval
- Presentation of key findings to TAC and SOAC
- Approved technical studies used to prepare Draft EIR/EIS

Community Impact Assessment










- Assess community impacts (positive and negative) not evaluated in other technical studies
- Establish baseline and affected environment for each community (Community Profiles)
- Conduct quantitative and qualitative analysis of potential effects
- **STATUS:** Community Profiles in preparation

Community Impact Assessment

Analysis areas include:

- Land Use
- Park and Recreation
- Community Character and Cohesion
- Growth and Development Trends
- Environmental Justice
- Community Facilities and Services
- Property Acquisitions/Relocation
- Access/Parking

LEGEND

 South Pasadena City Boundary	 Parks and Recreation Facilities
 Study Focus Area	 Public School
 LRT Aerial Alignment	 Private School
 LRT Permanent Impact	
 LRT Temporary Impact	
 LRT Tunnel Alignment	



Cultural Resources

Historic Property Survey Report (HPSR):

- Determines eligibility of historic properties for the National Register of Historic Places
- Archaeological Survey Report
- Historic Resources Evaluation Report (HRER)
- Finding of Effect (FOE) (if required):
 - Document potential direct and indirect effects on cultural resources





Cultural Resources

- Establish Area of Potential Effect (APE) for each build alternative
- Identify historic period resources that need to be evaluated (Buildings built prior to 1971)
- Conduct archival review, site reconnaissance and outreach with agencies and organizations to collect available data regarding resources within the APE
- Conduct Native American consultation to establish concerns of tribes identified by the Native American Heritage Commission

Cultural Resources

- STATUS:
 - Defining APE for each alternative
 - Conducting field surveys where APE is sufficiently defined
 - Continuing archival research
 - Coordinating with local agencies and organizations
 - Initiated Native American consultation

Legend

	LRT Tunnel Alignment		Historic-period
	Modern		Research in Progress



Visual Impact Assessment

Assess visual effects of each build alternative on existing communities

- Determine areas which have views of the build alternatives
- Establish key view points for use in impact analysis



Visual Impact Assessment

- Use quantitative methodology based on FHWA guidance to establish quality of existing views and project effects
- Incorporate features into build alternatives to reduce adverse visual effects
- **STATUS:** Identifying key view locations for analysis

Air Quality Analysis and Health Risk Assessment

Assess regional and local air quality effects of the project

- Use established regulations, procedures and protocols
- Assess criteria pollutants, toxic air contaminants, human health risk and greenhouse gas emissions

Air Quality Analysis and Health Risk Assessment

- Evaluate long-term effects using the projected traffic data for sensitive receptors. Examples of sensitive receptors include (but are not limited to) schools, residences, parks, and hospitals
- Evaluate construction activities including excavation, grading, removal of excess material and import of construction material
- **STATUS:** Setting up models for analysis (inputs are engineering plans and traffic forecast data) and defining construction activities for each alternative

Noise Study Report

Evaluate potential noise effects associated with the proposed project

- Use established procedures and protocols
- Conduct noise monitoring within the study area to establish existing noise conditions



Noise Study Report

- Evaluate noise levels at sensitive receptors. Examples include (but are not limited to) residences, schools, hospitals, parks, and other areas of human activity
- Evaluate construction noise, including excavation, grading, removal of excess material and import of construction material
- **STATUS:**
 - Draft work plan in review by Caltrans
 - Initiate field measurements after work plan is approved



Section 4(f) Evaluation

Resources that are protected under Section 4(f) include:

- Parks and recreational areas that are both publicly owned and open to the public
- Publicly owned wildlife and waterfowl refuges
- Historic sites listed on or eligible for listing on the National Register of Historic Places
- STATUS: Gathering data on Section 4(f) resources



Next Steps



Study Schedule



Next Steps

- Evaluate performance of No Build and build alternatives using 2012 RTP model
- Continue to refine alternatives
- Continue with Technical Studies
- Continue with Preliminary Engineering
- Continue to review recommendations from Value Analysis Study

Tentative Meeting Dates for TAC/SOAC

- **2013 TAC/SOAC Meeting Schedule**
 - September 11/12
 - November 13/14

Open Discussion

