

Major Capital Projects Update Countywide Planning and Development

January 17, 2024

Presented By

Allison Yoh

Executive Officer

Transit and Active Transportation

Michelle E. Smith

Executive Officer

Complete Streets and Highways

Transit and Active Transportation Projects



> Major Pillar Projects

- (1) West Santa Ana Branch
- (2) C Line Extension to Torrance
- (3) Sepulveda Transit Corridor
- (4) Eastside Transit Corridor Phase 2

> Other Projects in Planning

- Vermont Transit Corridor
- Rail to River Active Transportation Corridor
- Los Angeles River Path
- E. San Fernando Valley Shared ROW
- K Line Northern Extension

West Santa Ana Branch Transit Corridor

Prelim Studies

DEIR/S

LPA

FEIR/S

Cert

Pre-Constr

Award

Constr

Open



Recent Activities

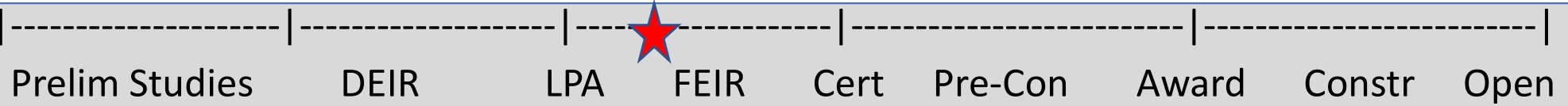
- Nov 2023: Board authorized contract for advanced engineering and final design
- Dec 2023: Public voting on 12 shortlisted submissions for Project's new name, 2nd Admin Draft of Final EIS/EIR submitted
- UPRR signed MOU, coordination w. Ports & ACTA
- Program Management Support Services (PMSS) procurement underway (blackout)

Next Actions

- Working with FTA on submittal for entering next stage of project development
- January 2024: Select official project name, Ports to authorize MOU, award contract for PMSS
- Spring 2024 (tent.): Board certification of Final EIR (Project approved per CEQA), then FTA Record of Decision for EIS (Project approved per NEPA)

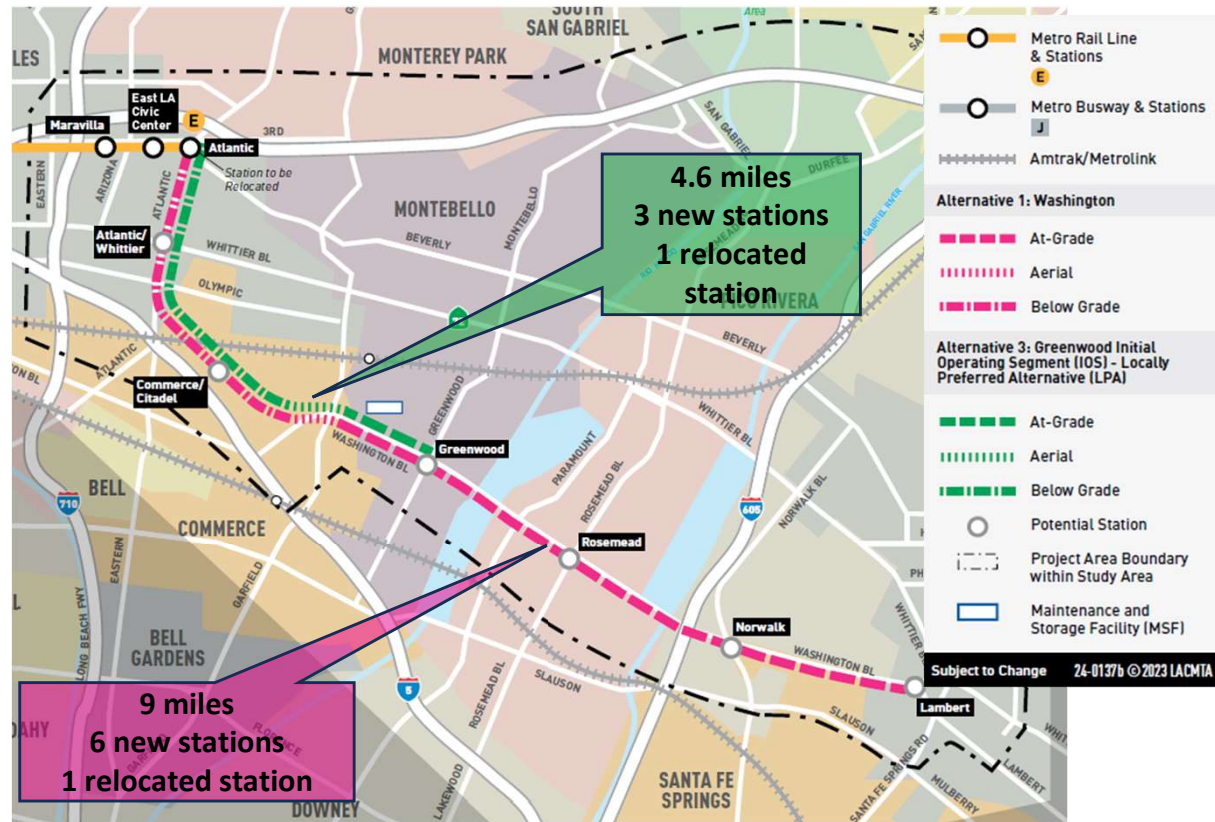


Eastside Transit Corridor Phase 2



Recent Activities

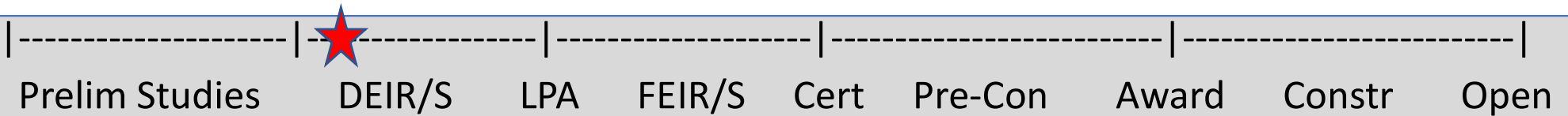
- Oct-Dec: Community Rail Tours
 - Elected officials/public agencies
 - CBO/youth/key stakeholders
 - 2 public tours
- Engaging CBOs in Community Walk audits for first/last mile study
- Reviewing comments received from corridor cities on draft Master Cooperative Agreement
- Admin Final EIR circulated for internal review



Next Actions

- Complete CEQA document for release in early Spring 2024 followed by Board certification (Project approved per CEQA)
- Continue to coordinate with FTA on appropriate timing to initiate NEPA and entry into Project Development phase

Sepulveda Transit Corridor



Recent Activities

- Oct/Nov 2023: Fall community meetings
 - In-person in Westwood and Van Nuys, plus virtual
 - 300 attendees, 500+ comments received to date
- Design refinements underway, reaching design freeze for environmental study
- Continued coordination w/ adjacent projects
- Ongoing geotechnical/seismic fieldwork
- Caltrans Project Report to be conducted following LPA selection

Next Actions

- Continue to develop designs, environmental technical studies
- Draft EIR release anticipated late 2024/early 2025, assuming receipt of all technical documents from design teams



Sepulveda Transit Corridor (per Board Motion, Oct 2023)

Contract Values and Expenditures through October 2023

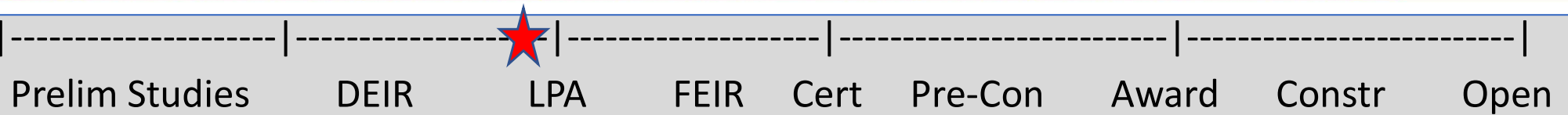
| Metro Department | Consultant Services | Contract Amount(s) | Expended to Date | Completed |
|--------------------------------|-------------------------------------|----------------------|----------------------|------------|
| Countywide Planning | Environmental Support | \$58,701,568 | \$28,403,540 | 48% |
| Customer Experience | Community Relations Support | \$3,514,928 | \$1,284,654 | 37% |
| Program Management | PDA - LASRE | \$63,605,132 | \$30,042,256 | 47% |
| | PDA - STCP | \$72,607,815 | \$34,042,256 | 47% |
| | Common Services / Geotech | \$23,210,672 | \$13,906,204 | 60% |
| | Program Management Support Services | \$36,064,698 | \$12,627,643 | 35% |
| Office of Strategic Innovation | Financial Consultants | \$8,338,529 | \$5,784,165 | 69% |
| External Legal Counsel | Legal Support | \$1,225,000 | \$1,070,842 | 87% |
| Total | | \$267,268,342 | \$127,161,930 | 48% |

I-405 ExpressLanes Project (per Board Motion, Oct 2023)

Contract Values and Expenditures through October 2023

| Consultant Services | Contract Amount(s) | Expended to Date | Completed |
|------------------------------------------------|---------------------|---------------------|------------|
| WSP - PA/ED & ConOps | \$27,494,005 | \$13,454,843 | 48.9% |
| Arelleno Associates - Outreach | \$1,151,949 | \$528,400 | 45.9% |
| CDM Smith - Traffic & Revenue Investment Grade | \$1,455,719 | \$1,178,073 | 80.9% |
| Total | \$30,101,673 | \$15,161,686 | 50% |

C (Green) Line Extension to Torrance

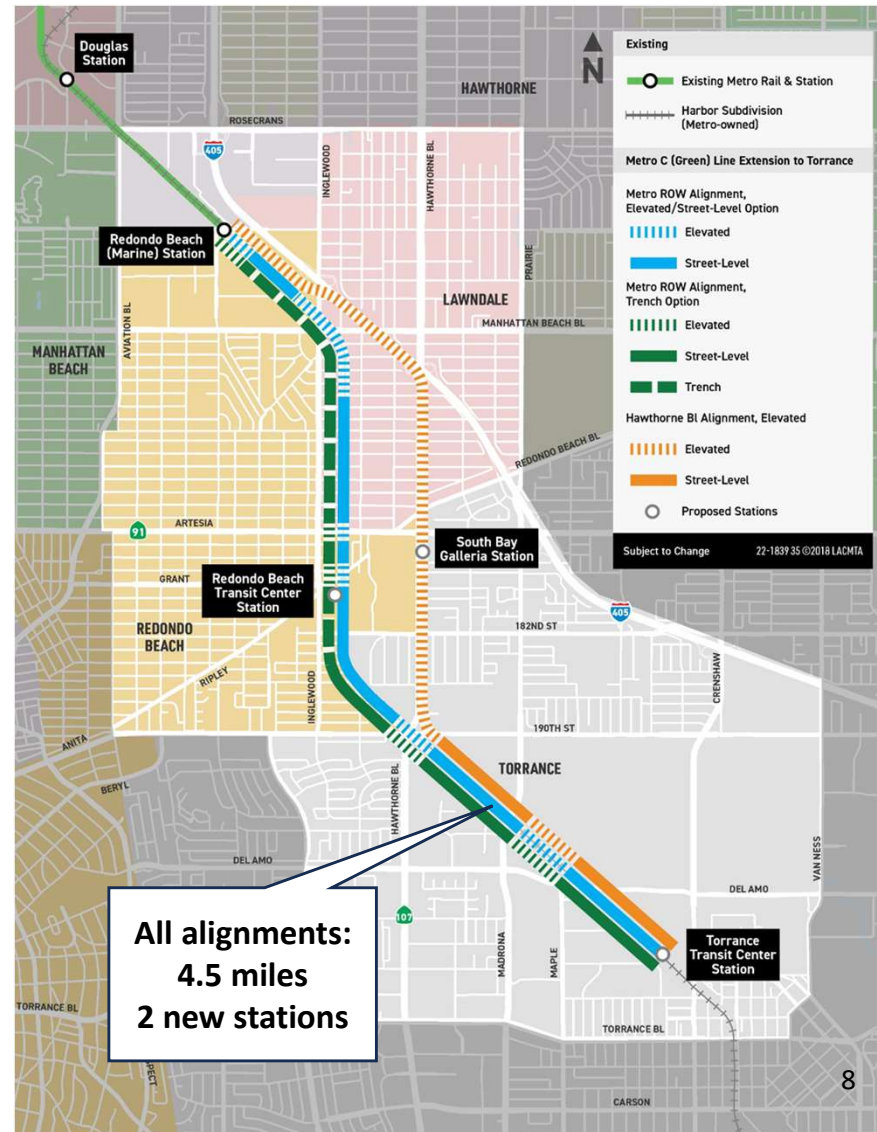


Recent Activities

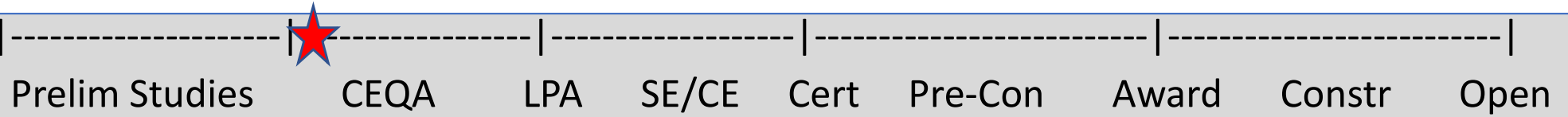
- Provided project update at September Metro Board Committees: Planning & Programming, Executive Management Committee
- Dec-Jan: Supporting Supervisor Mitchell's outreach efforts per November request
- Continue to brief stakeholders

Next Actions

- Prepare staff recommendation of Locally Preferred Alternative (LPA) based on project objectives, findings and community concerns
- Board selection of LPA (early 2024)



Vermont Transit Corridor

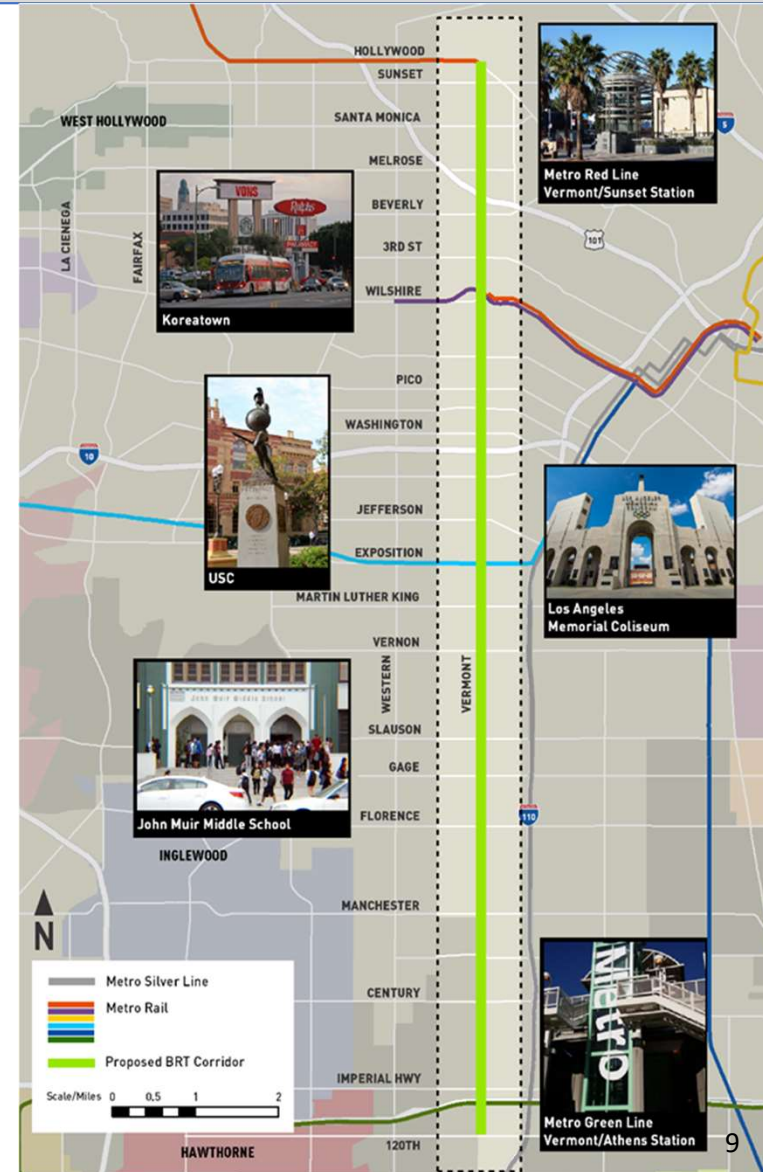


Recent Activities

- Nov 2023: Initiated planning and environmental study for BRT; presentation to Early Intervention Team (EIT)
- Dec 2023: Issued Task Order for communications/outreach services; community engagement for near, mid, and long-term improvements
- CBO Roundtable meetings are underway
- Formation of Technical Advisory Committee, held kick off meeting

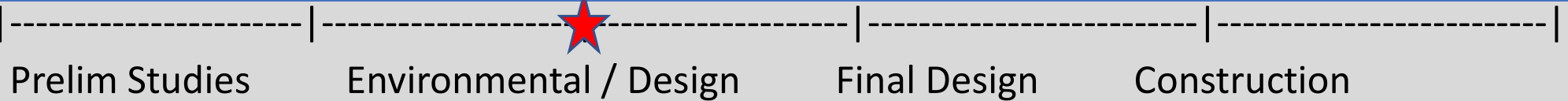
Next Actions

- Continue planning and design for BRT, informed by CBO/outreach efforts
- Identify schedule for Notice of Preparation, Scoping



Rail to River Active Transportation Corridor

Segment B

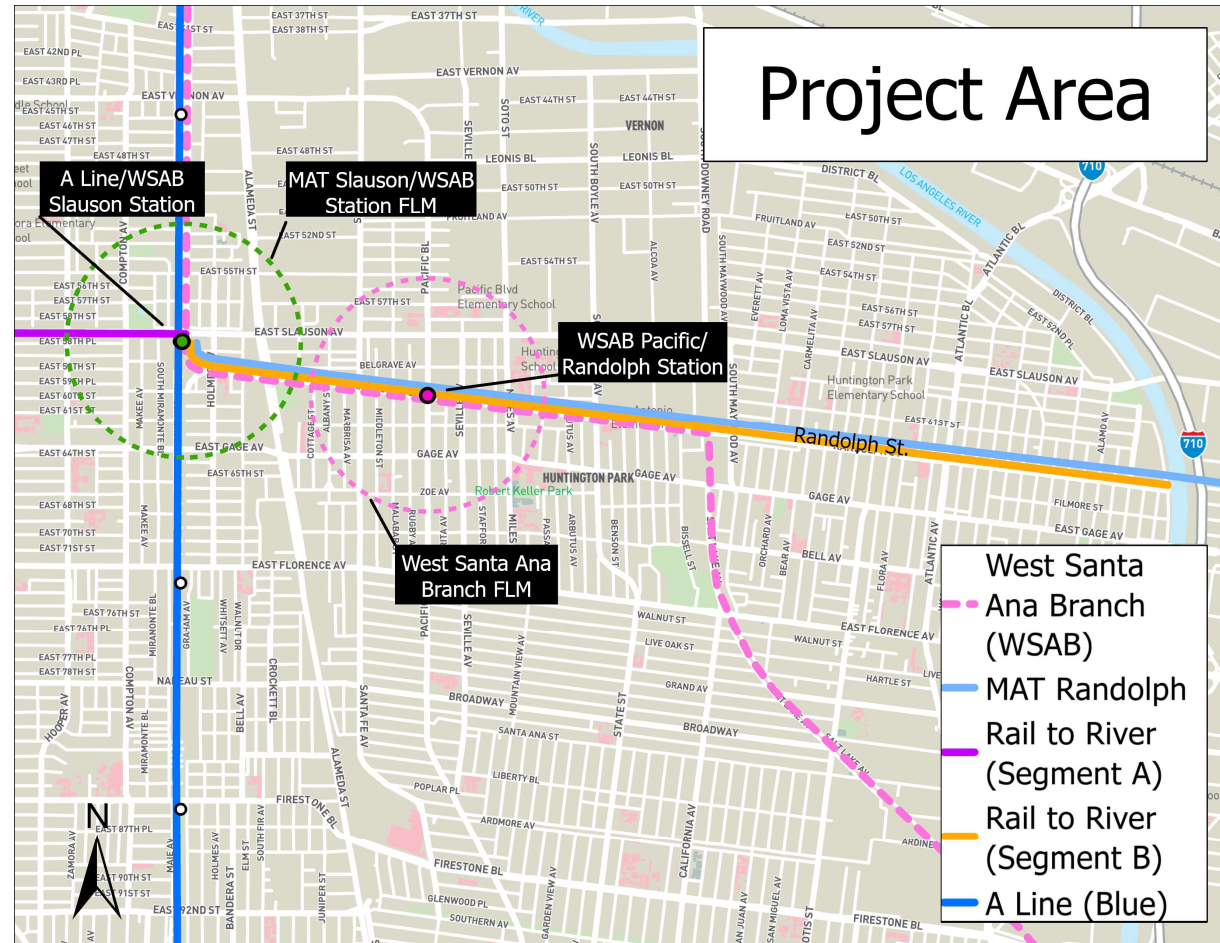


Recent Activities

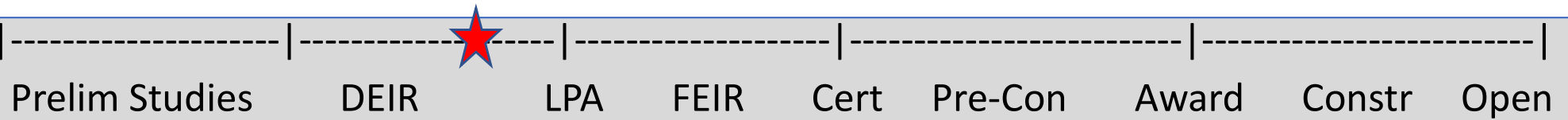
- Oct/Nov 2023: Contracts awarded for 30% design & environmental and outreach services
- Jan 16: Technical Working Group kick-off meeting (Corridor cities, MAT grant stakeholders)

Next Actions

- Coordinate with cities and other related/adjacent projects
- Initiate first round of community engagement (Spring 2024)



Los Angeles River Path



Recent Activities

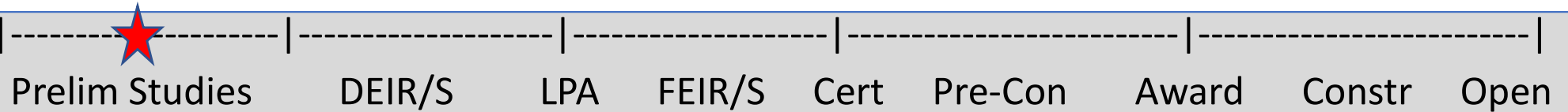
- Oct: Board authorization to execute MCA with City of Vernon and others as needed
- Community Outreach Events
 - 9 total during reporting period, reaching over 1,300 people
 - Open Streets/Ave 26, CycLAvia, Historic Broadway Station Dedication, other city events
- Reviewing first administrative Draft EIR
- Ongoing coordination with LADWP and LABOE for design review



Next Actions

- Execute agreements with LADWP and LABOE to support design reviews
- Develop and refine project cost estimates and schedule, identification of future owner
- Completing environmental technical reports for inclusion in Draft EIR
- Preparing Board update on DEIR release, public comment period, and preferred alternative selection

East San Fernando Valley Shared ROW Study



Recent Activities

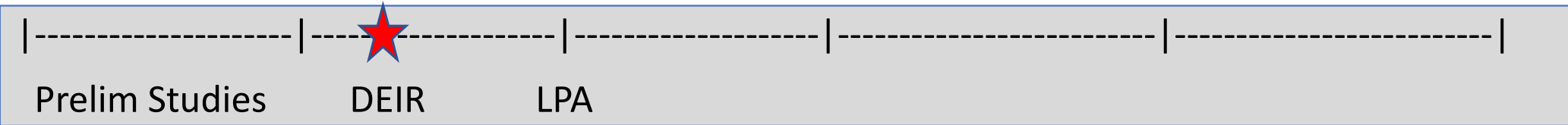
- Finalized concept definitions
- Completed technical work on grade separation analysis
- January: Share technical findings with City of San Fernando, Metrolink
- Ongoing coordination with CD-6 and CD-7 on other adjacent projects and studies (including transfer connectivity with Metrolink, existing and future parking needs in the area, etc.)



Next Actions

- Identify preliminary cost estimates
- Conduct briefings for stakeholders on findings
- Complete study & develop recommendations for the Board (mid-2024, tent.)

K Line Northern Extension



Recent Activities

- Finalizing technical reports for Draft EIR
- Advancing environmental analysis under CEQA
- Project newsletter recapping outreach activities in 2023
- Continue to identify cost and funding opportunities, phasing scenarios



Next Actions

- Prepare chapters for Draft EIR
- Continue stakeholder engagement

Quarterly Major Projects Report

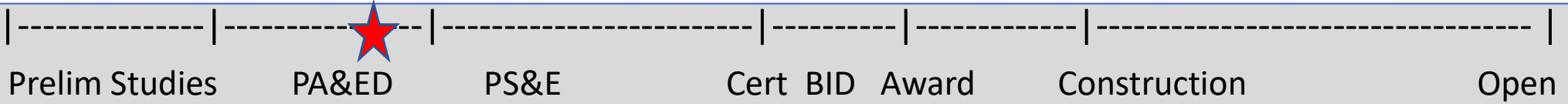
Complete Streets & Highway Projects

Presented by Michelle E. Smith
Executive Officer, Complete Streets & Highways

January 17, 2024

91/605/405 Hot Spots Program

I-605 Corridor Improvement Project (I-605 CIP)



Scope and Purpose/Need

- Improve safety, operations, and person throughput.
- Collision data from 7/1/2012 to 12/31/2015:
 - I-605: 3,329 collisions, 12 fatalities
 - SR-60: 1,771 collisions, 11 fatalities
 - I-10 segment: 2,387 collisions, 5 fatalities
 - I-105 segment: 375 collisions
 - I-5 segment: 990 collisions
- Multimodal elements evaluated in draft EIR/EIS include bicycle, pedestrian, and equestrian trail improvements as well as roadway connection to Norwalk Station and El Monte Transit Station.
- Reduce corridor footprint design to minimize and/or avoid residential displacements.

Status/Schedule

- Draft Environmental document phase is in process.
- Begin community engagement early 2024.

Challenges

- Corridor needs greatly exceed available local funds.
- Corridor footprint design constrained by residences.



91/605/405 Hot Spots Program

I-605/Beverly Boulevard Interchange Improvements



Scope and Purpose

- Improve southbound operations by eliminating short “weaving” length between existing loop ramps.
- Implement diamond interchange design and signalize the intersection to allow for right and left turn movements.

Multimodal Elements

- High visibility continental crosswalk 400lf.
- Includes 5ft shoulder for City to restripe for future Class II bicycle lane on overcrossing.

Status/Schedule

- Design phase completed.
- Transitioning to construction phase.

I-605/Beverly Boulevard Interchange



91/605/405 Hot Spots Program

I-605/Valley Boulevard Interchange Improvements



Scope and Purpose/Need

- Reconfigure/modify on and off ramps to improve mobility and safety, and to reduce congestion, weaving conflicts and queuing; upgrade and coordinate signals; rehab local roads; and provide railroad safety upgrades.
- 45% of freeway mainline collisions occurred in the interior lanes; most predominant types of collisions rear ends (60%) followed by sideswipes (30%) related to heavy congestion during peak commute hours.

Multimodal Elements

- ADA upgrades for pedestrians, cyclists and rollers.

Status/Schedule

- Design phase expected to be completed in early 2024.
- Grant funding (\$33.57M) secured for construction phase.
- San Gabriel Valley COG to build project.

Challenges

- Acquisition of two vacant parcels needed for Project.

I-605/Valley Boulevard Interchange



91/605/405 Hot Spots Program

SR-91 Westbound Improvements



Scope and Purpose/Need

- Add a lane between Shoemaker and Alondra on WB SR-91 to NB I-605.
- Address safety and congestion and increase person throughput.
- 1,253 collisions from 1/1/2017 to 12/31/2019:
 - 89% of collisions occurred on the mainline (higher than statewide average for fatal plus injury collisions). Speeding and rear end collisions most common factor, typically related to traffic congestion in chokepoint areas and sudden attempts to stop when traffic volumes exceed road capacity.

Multimodal Elements

- Bike lane 200lf; ADA upgrades, pedestrian and sidewalk improvements.

SR-91 Westbound Improvements



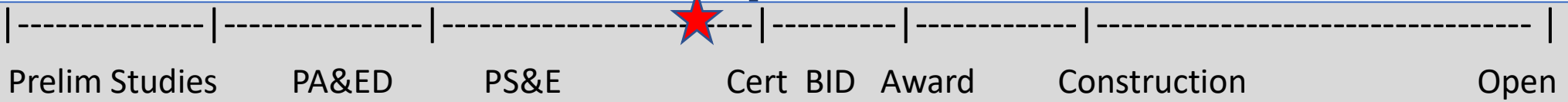
(Alondra Boulevard to Shoemaker Avenue)

Status/Schedule

- Design phase completed.
- Target begin construction in summer 2025.
- Grant funding (\$69.6M) secured for construction phase.

91/605/405 Hot Spots Program

SR-91 Improvements



Scope and Purpose/Need

- Consolidate multiple access points from the Central Avenue, Wilmington Avenue, and Acacia Court interchanges into a single access point, reducing the number of ingress/egress points on the freeway mainline and redirecting the short weaving areas from the freeway mainline.
- 615 collisions from 1/1/2017 to 12/31/2019.
 - 56% rear-end collisions and 27% sideswipes, which indicates traffic congestion and weaving are two key factors related to collisions.

Multimodal Elements

- Class II buffered bicycle lane with bicycle tolerable drainage grates and conflict zone green paint at driveways and intersections on EB and WB Artesia Blvd between Central Ave and Acacia Ct and on Albertoni St between Lysander Dr and Central Ave.
- ADA-compliant curb ramps at all intersections, high-visibility crosswalks, sidewalk upgrades, LED lighting for pedestrian elements.

SR-91 Improvements Project



(Central Avenue to Acacia Court)

Status/Schedule

- Design phase underway and expected to be completed in early 2025.

Challenges

- Billboard acquisitions .

I-405 South Bay Curve Improvements I-405 Auxiliary Lanes



Scope and Purpose/Need

- Provide NB and SB auxiliary lane improvements between freeway on/off ramps within Caltrans ROW.
- Improve safety and operations by reducing conflicts at high congestion on/off ramp locations.
 - Predominant collision types distributed among sideswipe, rear end, broadside, and hit object collisions. Collisions may be attributed to traffic congestion on the ramp and at the ramp terminal intersection as well as weaving/lane changing activities at the freeway junctions.

Multimodal Elements

- Pedestrian/bicycle facilities and transit stops to be studied.
- High visibility crosswalks, pedestrian flashing beacons, and cyclist signage.

Challenges

- Construction phase is not fully funded.



I-405 Auxiliary Lanes (I-105 to Artesia Boulevard)



Status/Schedule

- Design phase underway, 95% design submittal anticipated by summer 2024.

I-405 South Bay Curve Improvements

I-405 Improvements



Prelim Studies

PA&ED

PS&E

Cert BID

Award

Construction

Open

Scope and Purpose/Need

- Improve safety and operations by reducing freeway conflicts at high congestion on/off ramp locations.
- Provide northbound and southbound auxiliary lane improvements between freeway on/off ramps within Caltrans right of way.
- The predominant type of collisions are rear-end collisions, which are associated with congestion and sideswipe incidents that typically occur when conflicting lane changes are made.

Multimodal Elements

- Pedestrian/bicycle facilities and transit stops to be studied.
- High visibility crosswalks, and pedestrian flashing beacons, and cyclist signage.

Status/Schedule

- Environmental phase underway and expected to be completed in fall 2026.

Challenges

- Construction phase is not fully funded.



I-405 Improvements



(I-110 to Wilmington Avenue)

SR-14 Safety Improvements – North County



Prelim Studies

PA&ED

PS&E

Cert BID

Award

Construction

Open

Scope and Purpose

- Evaluate lane reconfigurations where there are gaps, ramp realignment, structure widening, retaining wall construction and drainage modifications.
- Address traffic safety concerns (exceeds state average incident rates).
- Eliminate bottleneck areas within the project limits to minimize conflicting weaving and merging by motorist (exceeds state average incident rates).

Multimodal Elements

- Environmental document to include evaluation of multimodal elements (e.g., commuter rail, bike, pedestrian improvements).



Challenges

- VMT analysis to be conducted²²

SR-14 Safety Improvements



(Newhall Avenue Undercrossing to Pearblossom Highway)

Status

- Environmental phase underway and expected to be completed in fall 2026.