

Caltrans Measure R South Bay Highway Projects Update

SBCCOG Infrastructure Working Group Meeting

February 20, 2013



Metro

Overview

- Project Status and Schedule:
 - Early Action Projects
 - Strategic Positioning Projects
 - Long Term Project Development

Strategic Positioning Projects

- **ITS Improvements: I-405, I-110, I-105, and SR-91**
 - Identify candidate freeway and arterial corridor to coordinate ramp metering and arterial traffic signal system operations and establish concept of operations
 - Conduct PS&E, construction, and O&M of pilot corridor ramp meter, detection gap, and communication improvements and define operational requirements to ensure compatibility with Caltrans technology enhancement of its operations system (communications technology, ramp meter performance monitoring, and adaptivity to real time congestion)
- **I-405/Crenshaw/182nd (City of Torrance)**
 - Conduct PA&ED to evaluate widening NB/SB I-405 Crenshaw Blvd. on and off-ramps; adding new SB I-405 on-ramp from NB Crenshaw Blvd.; and consider addition of auxiliary lanes in both directions between Crenshaw Blvd. and Western Ave.

Strategic Positioning & Early Action Projects

- I-110 Aux Lane & I-110/I-405 Connector
 - PA&ED to evaluate adding an auxiliary lane from SR-91 to Torrance off-ramp and evaluate feasibility of constructing a new flyover ramp connector from NB I-405 to SB I-110
- ITS: PCH and Parallel Arterials from I-105 to I-110
 - North/South PCH corridor: Improve traffic operations and implement ITS Elements
 - North/South Route 213 (Western Ave) and Route 107 (Hawthorne Blvd)

Long Term Projects

- Long-Term Freeway projects approved for allocation of project development funds
- Conduct PID/PSR/PDS to develop conceptual design, identify operational deficiencies, and develop strategic corridor approach for adding auxiliary lanes, ramp and interchange improvements along I-405 and I-105 Freeway corridors (\$1M in FY13)
 - I-405 Corridor from I-110 to I-105
 - I-105 Corridor from I-405 to Crenshaw Blvd.

Caltrans Project Status

Project	Project Phase					Status
	IP	PA&ED	PS&E	ROW	CON	
Strategic Positioning Project (MR312.11): ITS on I-405, I-110, I-105, SR-91 at freeway ramp/arterial signalized intersections						Executing Funding Agreement.
Strategic Positioning Project(MR312.24): I-405 at 182nd St./Crenshaw Blvd						Caltrans began in-house preparation of Project Study Report/Project Development Support (PSR/PDS) with an expected completion date of June 2013. On Jan. 24, 2013, Metro Board approved deferring the programming year from FY12 to FY14 for the PA&ED phase of the project. Funding Agreement to be executed July 2013.
Strategic Positioning Project (MR312.25): I-110 Aux Lane from SR-91 to Torrance Blvd & I-405/I-110 Connector						Caltrans began in-house preparation of Project Study Report/Project Development Support (PSR/PDS) with an expected completion date of June 2013. On Jan. 24, 2013, Metro Board approved deferring the programming year from FY12 to FY14 for the PA&ED phase of the project. Funding Agreement to be executed July 2013.
Early Action Project (MR312.29): ITS: PCH and Parallel Arterials from I-105 to I-110						On Jan. 24, 2013, Metro Board approved deferring the programming year from FY13 to FY14 for development of this project. Funding Agreement under development.
Category 2 Project: I-405 Corridor Study from I-110 to I-105 and I-105 Corridor Study from I-405 to Crenshaw Blvd						On Jan 24, 2013, Metro Board approved funding from previously approved Strategic Position Reserve funds for preparation of planning and environmental documents for the I-405 and I-105 corridors. Caltrans submitted their proposed scope of work for preparation of these corridor studies. Funding Agreement under development.

IP	Initial Planning
PA&ED	Project Approval & Env Document
PS&E	Plans, Specifications & Estimate
ROW	Right of Way
CON	Construction

Caltrans Project Schedule

	2013												2014				2015				2016			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project MR312.11: ITS: I-405, I-110, I-105, SR-91 at freeway ramp/arterial signalized intersections																								
Project MR312.24: I-110 Aux Lane from SR-91 to Torrance Blvd. & I-405/I-110 Connector																								
Project MR312.25: I-405/Crenshaw Blvd./ 182nd St.																								
Project MR312.29: ITS: PCH and Parallel Arterials from I-104 to I-110																								
Project MR312.30: I-405 Fwy Corridor from I-110 to I-105 and I-105 Fwy Corridor from I-405 to Crenshaw																								

Task completed by time
Funding Agreement Execution
PSR/PDS
Planning & Preliminary Design
PA&ED
PS&E
ROW
Construction

Questions?



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