



Metro

Los Angeles County
Metropolitan Transportation
Authority
One Gateway Plaza
3rd Floor Board Room
Los Angeles, CA

Board Report

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Agenda Number: 31.

CONSTRUCTION COMMITTEE FEBRUARY 18, 2016

RECEIVE **Program Management Executive Director's oral report.**

DISCUSSION

RECEIVE **Program Management Executive Director's report.**

ATTACHMENTS

Attachment A - Program Management Executive Director's Report - February 2016

Prepared by:

- **Crenshaw/LAX** - Charles Beauvoir, Deputy Executive Officer, Project Mgmt., (213)299-3095
- **Regional Connector** - Girish Roy, Deputy Executive Officer, Project Mgmt., (213)893-7119
- **Westside Purple Line Ext 1 and 2-** Dennis Mori, EO Project Mgmt., (213)922-7238
- **I-405** - Nazem Moussa, Deputy Executive Officer, Project Mgmt. (213)922-7221
- **Division 13** - Timothy Lindholm, EO Project Engr., (213)922-7297
- **Patsaouras Plaza Busway Station** - Timothy Lindholm, EO Project Engr., (213)922-7297
- **MRL - MOL North Hollywood Station** - Timothy Lindholm, EO Project Engr., (213)922-7297
- **Universal Pedestrian Bridge** - Timothy Lindholm, EO Project Engr., (213)922-7297
- **Presentation** - Shannon Hanley, Senior Administrative Analyst, (213)922-1350

Reviewed by:

Richard Clarke, Executive Director, Program Management, (213) 922-7557

Program Management -- Transit Status Report

Significant Issues

Presented By
Richard Clarke
Executive Director,
Program Management

February 2016

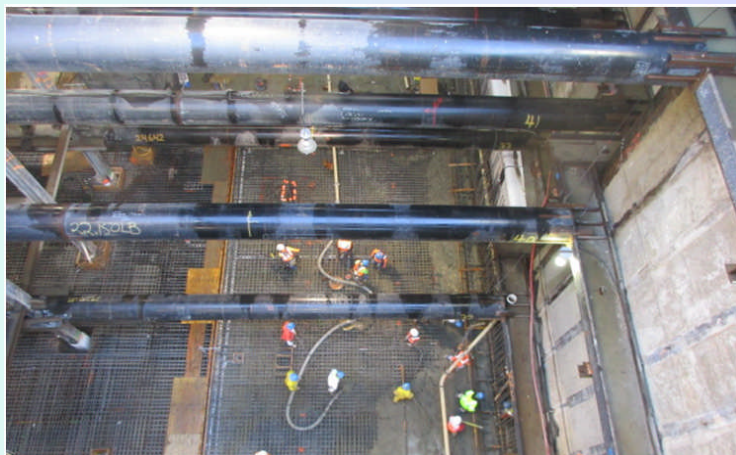
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CRENSHAW/LAX TRANSIT PROJECT

SIGNIFICANT HIGHLIGHTS

- Overall construction progress is 33.5% complete (excludes contractor mobilization costs). Design-builder is behind schedule but discussions continue regarding expediting work efforts.
- Placed first invert concrete at Expo/Crenshaw Station and initiated concrete activities at UG#1 in front of LAX runways.
- Tunnel Boring Machine set up at Expo/Crenshaw Station and installation commenced on Feb 1.
- Southwestern Yard Design-Builder has submitted 60% design drawings for Metro review. Construction start scheduled for April 2016.



Placement of invert concrete at Expo/Crenshaw Station.



Placement of mud slab at UG#1 (near LAX runways).

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REGIONAL CONNECTOR TRANSIT CORRIDOR

SIGNIFICANT HIGHLIGHTS

- Overall Project Progress is 14%, Design Build (DB) Construction is 6.1% and DB Final Design is 88% complete.
- Metro/RCC developing detail plans to include remaining utility work, re-sequencing construction activities to finalize schedule recovery measures for all locations.
- Shoofly/Bus Bridge of Little Tokyo Station started on January 8, 2016.



Soldier Pile Installation at 1st/Central Station

- Street and lane restrictions are being coordinated with LABOE, LADOT and CD14 in all locations.
- Soldier Pile installation continues at 1st/Central Station and 1st/Alameda intersection.

WESTSIDE PURPLE LINE – SECTION 1

SIGNIFICANT HIGHLIGHTS

The Advanced Utility Relocations (AUR) work involving three contracts is 77% complete overall.

- The Wilshire/Fairfax Advanced Utility Relocations Contract closeout is nearing completion.
- The Wilshire/La Cienega Advanced Utility Relocations Contractor continues with the Southern California Edison (SCE) power relocation work and the City of Beverly Hills sanitary sewer, water and storm drain relocations. This is the last AUR contract and is on schedule to complete in December 2016.



Pile Installation Activities at the Wilshire/La Brea Station

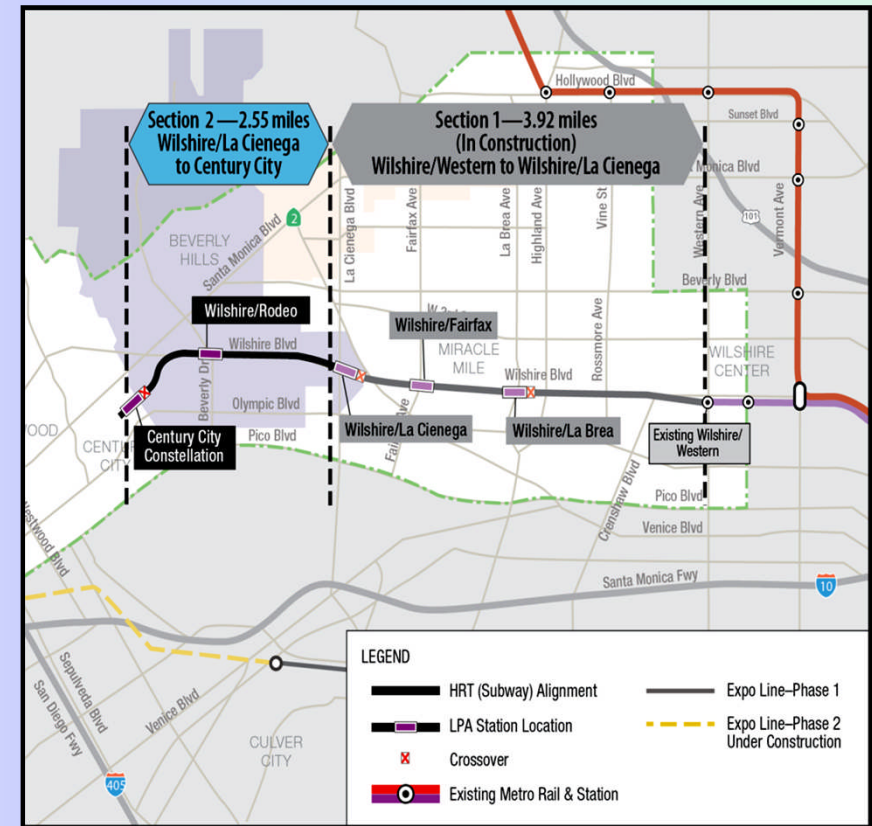
Tunnels, Stations, Trackwork and Systems Design-Build Contract is 6% complete.

- The Design/Builder for Tunnels, Stations, Trackwork, Systems and Systems Integration Testing is in the 85% to 100% phases of final design completion. Pile installation at the Wilshire/La Brea Station is underway in support of station excavation to begin tunneling operations.

WESTSIDE PURPLE LINE – SECTION 2

SIGNIFICANT HIGHLIGHTS

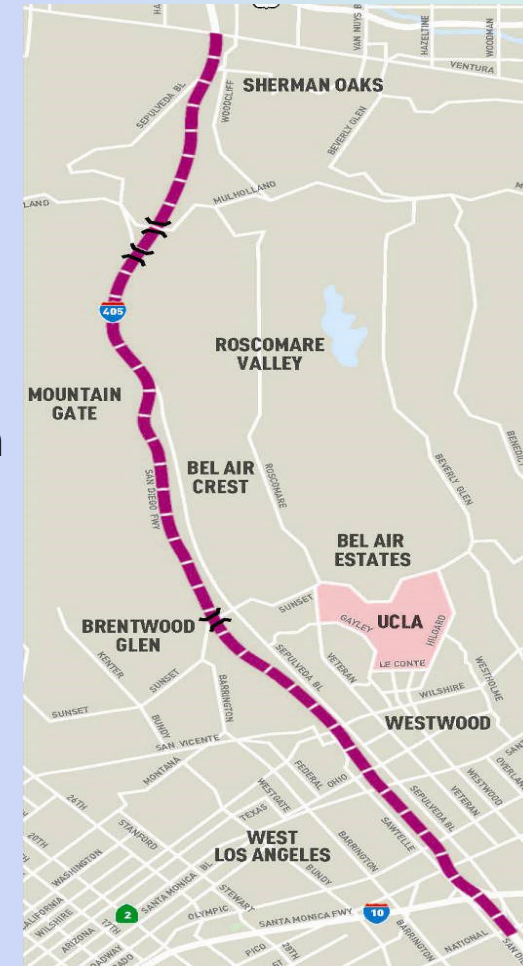
- Contract C1120 – Design/Build Request for Qualifications/Request for Proposal was released on September 14, 2015.
- The firms meeting the minimum requirements as a result of the first step were announced on December 4, 2015.
- Price Proposals are due on May 16, 2016
- FFGA anticipated approval July 2016.
- Contract award anticipated January 2017
- Additional potholing was performed in January at the future Wilshire/Rodeo station to further investigate unknown utilities discovered in Fall 2015.



I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT

SIGNIFICANT HIGHLIGHTS

- Substantial completion was granted on September 18, 2015. Partial contract closeout payment & release of retention were granted
- Punch List was completed on December 17, 2015
- Contractor is Working toward the Final Completion



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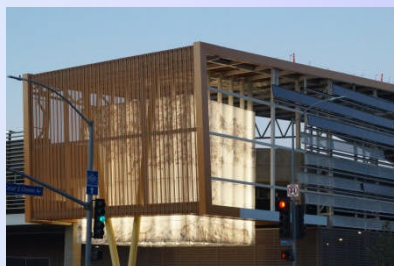
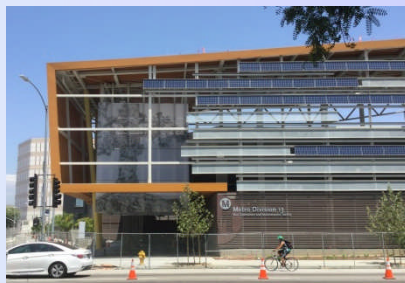
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DIVISION 13 BUS O&M FACILITY

SIGNIFICANT HIGHLIGHTS

- Project 100% complete. Substantial completion notice issued November 2, 2015. Certificate of Occupancy from LAFD issued December 3, 2015. Revenue operations commenced on February 1, 2016.
- Primary work at present includes final ITS installations, startup activities, completion of punch list, and close out activities.



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PATSAOURAS PLAZA BUSWAY STATION

SIGNIFICANT HIGHLIGHTS

- Construction start now scheduled for March 2016
- Work being progressed includes approval of 100% design package with Caltrans, receipt of Caltrans permits, ROW certifications, utility clearances, exemptions to start construction, completion of ADL studies, and resolution of associated commercial issues.
- Project completion scheduled for Summer 2017



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CIP PROJECTS

MRL-MOL N. Hollywood Station West Entrance:

Progress:

- Construction is 54% complete
- Targeted completion by June 2016
- Escalator installation ongoing
- Elevators installation to begin shortly
- Suspended slab work ongoing
- Electrical conduits installation ongoing
- Fire Protection piping installation ongoing



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CIP PROJECTS

Universal Pedestrian Bridge:

Progress:

- Construction 70% complete.
- Targeted completion by early April 2016 to coincide opening of Harry Potter attraction
- Structural steel installation for bridge and Elevators is in progress
- Escalator installation at Station # 1 and # 3 is in progress
- Elevator installations at Station # 1, # 2, and # 3 scheduled to start shortly
- Transformer installation in progress
- Cost Risk: Potential shortfall in LOP Budget, staff monitoring closely to mitigate

























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Cost & Schedule Performance Summary Chart

Project	Cost Performance	Schedule Performance	Comments
Crenshaw/LAX			The design-build contractor is currently reporting that they are behind schedule. Staff is working with contractor to attempt to mitigate delay.
Westside Purple Line Extension-Section 1			
Regional Connector			LOP budget adjustment of \$131.8 million was approved by Metro Board in December. Project team is working with the DB contractor to develop a detailed recovery schedule to maintain FFGA RSD of May 29, 2021. The interface with city departments are critical to the success of the mitigation measures.
1-405 Sepulveda Pass improvements Project			Punchlist Completion was granted on 12/16/15. Per Contract, Final Acceptance is scheduled for March 16, 2016. Phase 1 claims resolved. Claim 86 arbitration pending.
Universal City Pedestrian Bridge			Construction is 70% complete and contingency is at 1.5% due to unforeseen conditions and changes. Staff is monitoring the project budget and contingency level closely.
MOL to MRL North Hollywood Connector			Construction is 49% complete. There are no significant issues on this project at this time.
Patsaouras Plaza			Change orders have been negotiated for design error/tunnel conflict. Errors + Omissions process underway. Schedule delayed due to permitting, environmental, ROW issues with Caltrans, and resolution of associated commercial issues. Goal to start construction in March 2016.
Division 13			Substantial completion occurred November 2, 2015, Certificate of Occupancy issued by LAFD December 3, 2015. Opens for revenue service February 1, 2016.
P3010 Rail Car Vehicle Procurement			First vehicles acceptance and vehicle level qualification testing are taking longer than planned. Kinkisharyo has informed Metro of potential delay to the delivery of 78 base order vehicles in 53 months. Though the delay will not impact the opening of any of Metro's new rail lines, mitigation plans are being developed.
Gold Line Foothill Ext			Revenue operations scheduled to begin March 5, 2016
Expo Phase II			Metro evaluating Application for turnover of mainline for Pre-Revenue Operations