



**Board Report**

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**CONSTRUCTION COMMITTEE  
NOVEMBER 19, 2015**

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

**DISCUSSION**

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

**ATTACHMENTS**

Attachment A - Program Management Executive Director's report - November 2015

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
- **Metro Blue Line Station** - Samuel Mayman, EO Project Engr., (213)922-7289
- **Presentation** - Yohana Jonathan, Departmental System Analyst, (213)922-7592

Reviewed by:

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

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# Program Management -- Transit Status Report

## Significant Issues

Presented By

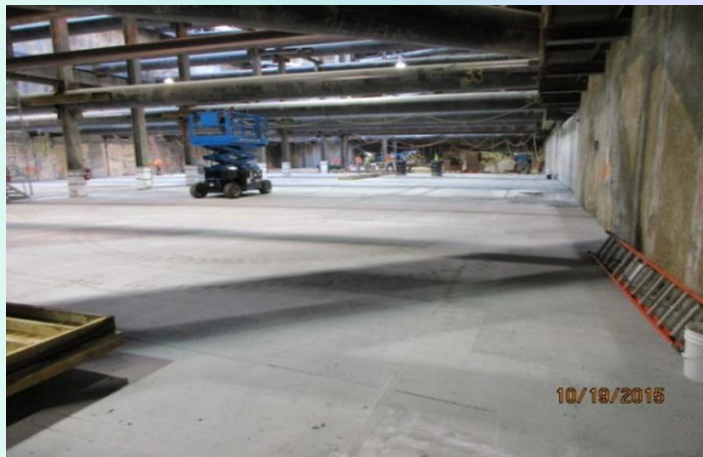
**Richard Clarke**

Executive Director,  
Program Management

# CRENSHAW/LAX TRANSIT PROJECT

## SIGNIFICANT HIGHLIGHTS

- Overall completion 36.5% complete. Design-builder's design is 96.1% complete. Design-builder is behind schedule but discussion underway with design-builder regarding expediting work efforts
- 6 underground structures: all have commenced construction and are at different levels of progress
  - Expo Station – excavation complete down to base, mud slab and waterproofing are underway
- 6 bridges: all have commenced construction and are at different levels of progress
  - Aviation/Century Station/bridge – Falsework largely complete with rebar placement ongoing



**CRENSHAW/EXPOSITION STATION –**  
Phase #1 mud slab completion



**AVIATION/CENTURY BRIDGE –** Rebar Installation

# REGIONAL CONNECTOR TRANSIT CORRIDOR

## SIGNIFICANT HIGHLIGHTS

- As of Sep. 2015, Overall Construction Progress (Cashflow) is 28%, Design Build (DB) Construction is 3.9% complete and DB Final Design is 79.5% complete
- Metro/RCC have developed schedule recovery measures and are working with LADWP on Utility Relocation and construction opportunities to address the field issues
- Major street closures are being coordinated with LABOE, LADOT and CD14.
- Public comments of Supplemental Environmental Impact Statement (SEIS) have been addressed and FTA approval and amended Record of Decision (ROD) expected to be issued at the end of October 2015
- Life of Project Budget contingency is the subject of Board Report



Pile drilling at 1<sup>st</sup>/Central Station yard

# WESTSIDE PURPLE LINE – SECTION 1

## SIGNIFICANT HIGHLIGHTS

The Advanced Utility Relocations (AUR) work involving three contracts is 63% complete overall.

- The Wilshire/Fairfax Advanced Utility Relocations Contractor achieved substantial completion on October 7, 2015, ahead of schedule and within budget.
- 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.



**Installation of Soundwall Panels at North Wilshire/La Brea Construction Staging Site**

Tunnels, Stations, Trackwork and Systems Design-Build Contract is 4% complete.

- Following the Notice to Proceed in January 2015, the Design/Builder for Tunnels, Stations, Trackwork, Systems and Systems Integration Testing has submitted 60% to 85% final design submittals for the underground stations and tunnels. The Wilshire/La Brea north construction staging area is nearing completion in preparation for the Tunnel Boring Machines launch site.

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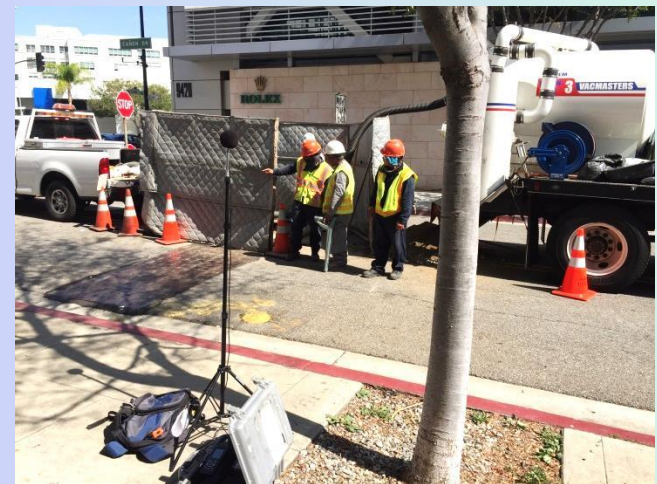
# WESTSIDE PURPLE LINE – SECTION 2

## SIGNIFICANT HIGHLIGHTS

- Contract C1120 – Design/Build Request for Qualifications/Request for Proposal was released on September 14, 2015.
- Statements of Qualifications were received on October 30, 2015.
- Price Proposals are due on May 16, 2016
- Geotechnical investigations in the City of Beverly Hills are scheduled to be completed on time before Thanksgiving, in accordance with permits authorized by City Council. Potholing was completed on November 2, 2015.
- California Court of Appeal upheld decision in CEQA lawsuit.



Geotechnical Drilling on Wilshire at Reeves

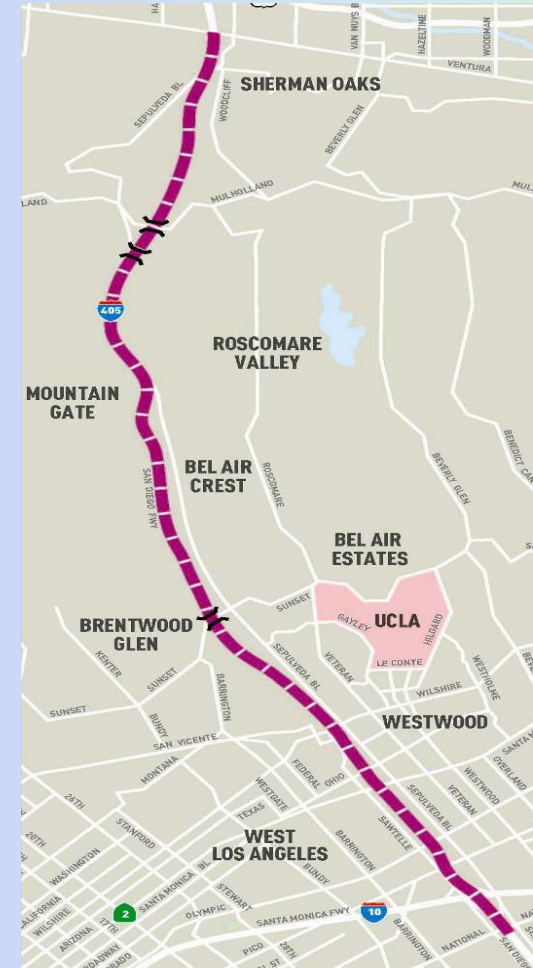


Potholing utilities near Wilshire/Rodeo Station site

# I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT

## SIGNIFICANT HIGHLIGHTS

- Substantial completion was granted on September 18, 2015, process for partial contract closeout payment & release of retention underway



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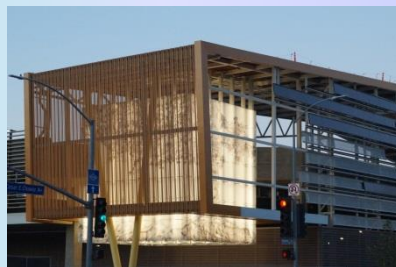
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# DIVISION 13 BUS O&M FACILITY

## SIGNIFICANT HIGHLIGHTS

- Project 98% complete. Project completion extended by two months due to issues with lower level ventilation system. Mitigation is complete. Substantial completion scheduled for November 2, 2015 with revenue operations opening date of January 31, 2016.
- Primary work at present includes commissioning, startup activities, punch list, final landscape, and furnishing



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# PATSAOURAS PLAZA BUSWAY STATION

## SIGNIFICANT HIGHLIGHTS

- Project approximately 5% complete, construction start now scheduled for February 2016
- Pending issues include timely approval of 100% design package with Caltrans, receipt of Caltrans permits and ROW certifications to start construction and resolution of change order/budget issues for Red Line tunnel foundation conflicts
- LOP increase required to address the above issues is planned for Board consideration in January 2016
- Project completion scheduled for Spring/Summer 2017



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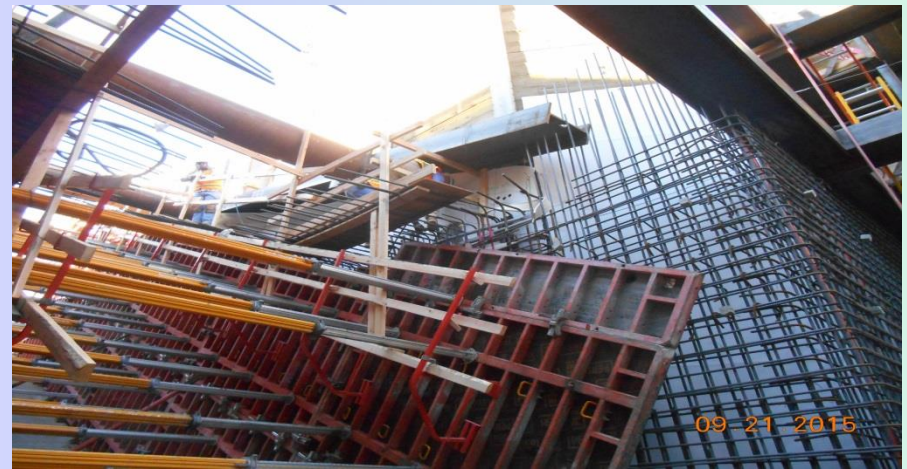


# CIP PROJECTS

## MRL-MOL N. Hollywood Station West Entrance:

### Progress:

- Construction is 44% complete and scheduled for completion by May 2016
- Knockout Panel (KOP) removed
- Base Foundation Poured
- Side wall Construction ongoing
- Escalators delivered at site
- Walls/ Bulkheads/Water-stops in progress
- CMC Rebar installation ongoing



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# CIP PROJECTS

## Universal Pedestrian Bridge:

### Progress:

- Construction 46% complete. First phase completion targeted by early February 2016 to meet Universal's requirements. Second phase completion targeted by April 2016
- Transformer Foundation and conduit installation ongoing
- Structural Steel for elevator shaft at Station #1, Station # 2, and Station # 3 ongoing
- Bridge structural steel under fabrication
- Escalator and Elevator are currently being manufactured
- Cost Risk: Potential shortfall in CMA and possibly in LOP Budget



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# CIP PROJECTS

## MBL Stations Refurbishment:

- Punch List items resolved
- Project in final closeout phase



























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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			Project cost analysis is being performed to evaluate adequacy of project contingency and budget. Differing site conditions in the Advance Utility Relocation phase have led to redesign, scope changes and major schedule impacts. Metro is working with DB contractor, and others to minimize knock-on schedule impacts. The interface with city departments is critical to the success of the mitigation measures. Staff scheduled to go to the Board in November to request LOP Budget adjustment.
I-405 Sepulveda Pass Improvements Project			Substantial Completion was granted on 9/18/15. Board approved an interim \$103M LOP budget increase in October to fund current project commitments. Does not include Hearing 2.
Universal City Pedestrian Bridge			Construction is only 50% 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			
Metro Blue Line Station Refurbishments			Construction completion was 8/27/15. \$1.3M construction budget remained. Zero claims and injuries. Closeout anticipated by November 2015
Patsaouras Plaza			Change orders have been negotiated for design error/tunnel conflict and other issues and Errors + Omissions process underway. Schedule delayed due to permitting, environmental, and ROW issues with Caltrans. LOP Budget increase for project will be brought forward for Board consideration in January 2016.
Division 13			Delays have occurred due to issues with the ventilation system but have been mitigated. Substantial completion scheduled for November 2, 2015 with opening in January 2016.
P3010 Rail Car Vehicle Procurement			First vehicles acceptance and vehicle level qualification testing are taking longer than planned. Delays not evident yet and potential mitigation plans are being developed.
Gold Line Foothill Ext.			
Expo Phase II			



Metro



On target



Possible problem



Major issue