

# Item

























# Project Budget and Schedule Status Report

Construction Committee  
April 16, 2015



**Metro**

# Cost & Schedule Performance Summary Chart

Slide #	Project	Cost Performance	Schedule Performance	Comments
3	Crenshaw/LAX			The design-builder's schedule forecast for substantial completion slipped 10 days in March 2015 for a cumulative impact of 109 calendar days. Metro and the design-builder are working on potential mitigations that may reduce the reported slippage.
4	Westside Purple Line Extension-Section 1			
5	Regional Connector			Differing site conditions, contractor performance and design review delay have impacted scheduled completion of AUR contract. Mitigation measures are underway including potential deletion and transfer of scope of work to DB Contractor.
6	I-405 Sepulveda Pass Improvements Project			Request is being submitted to the Board to increase the project budget by \$90 million
7	Universal City Pedestrian Bridge			
8	MOL to MRL North Hollywood Connector			Requesting approximately \$1.1 million increase in LOP budget to cover the costs for three (3) new Ticket Vending Machines (TVMs), Fare Gates, and the additional Construction Management Costs
9	Metro Blue Line Station Refurbishments			
10	Patsaouras Plaza			
11	Division 13			Since last month completion has slipped two weeks, with final completion now scheduled for July 6, 2015.
12	P3010 Rail Car Vehicle Procurement			
13-14	Gold Line Foothill Ext.			Metro is considering early acceptance of Maintenance & Operating Facility.
15-16	Expo Phase II			



# Crenshaw/LAX Transit Project



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	1,749	2,058	2,058









- No issues to report.

## SCHEDULE

	Original	Current	Forecast
Rev. Operation	Dec 2018	Oct 2019	Oct 2019

- The design-builder's schedule forecast for substantial completion slipped 10 days in March 2015 for a cumulative impact of 109 calendar days. Metro and the design-builder are working on potential mitigations that may reduce the reported slippage.

## POTENTIAL RISKS

- Various utility relocations to be completed by third parties which are required to be completed prior to design-builder's construction activities. (High risk )
- Design-builder's ability to mitigate schedule delays (High risk )
- Timely future reviews of design-builder's final design submittals by City of Los Angeles, City of Inglewood, Caltrans, FAA and Los Angeles World Airways. (Medium risk )
- Execution of Agreement with City of Inglewood. (Medium risk )
- LAWA's work window availability for design-builder to construct underground structure in front of LAX runways (Medium risk )
- New 96<sup>th</sup> street station cost and schedule potential impacts (Medium risk )
- Potential for added scope to the project due to community demands (Low risk )
- Construction operations exceeding allowable noise levels (Low risk )



On target



Possible problem



Major issue



Metro



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk

# Westside Purple Line Extension – Section 1 (La Cienega)



<b>BUDGET</b>	Original	Current	Forecast
Total Cost* (\$ mil.)	3,149	3,149	3,149

- No issues to report.

\* Includes Board approved Life-of-Project Budget, plus Planning and Finance costs.

<b>SCHEDULE</b>	Original*	Current	Forecast
Rev. Operation	Oct 2024	Nov 2023	Nov 2023

- Design-Build Contractor has mobilized the design team. Final design is underway for four of the six design units.
- Design-Build Contractor has begun survey work along the alignment and site preparation work at two construction area locations.

\* FFGA scheduled completion

## POTENTIAL RISKS

- Adequate staffing (Med risk ).
- CEQA lawsuits have concluded with the Judge's ruling in favor of Metro's position on the Beverly Hills Unified School District and the City of Beverly Hills lawsuits. Beverly Hills Unified School District and the City of Beverly Hills have appealed the ruling. Both petitioners' have filed briefs with the Court of Appeal. Metro will file its opposition briefs in early April 2015. (Low risk ).
- NEPA lawsuits filed by Beverly Hills Unified School District and the City of Beverly Hills are still pending in U.S. District Court. The December 4, 2014 hearing on the parties' cross-motions for summary judgment was taken off calendar and will be rescheduled by the Court. (Low risk ).

On target    Possible problem    Major issue



Risk is Decreasing (Improving)    Risk is Increasing (Worsening)    Risk is Unchanged since last month    New Risk

# Regional Connector



## BUDGET

	Original	Current	Forecast
Total Cost* (\$ mil.)	1,460	1,460	1,460

- Metro is conducting a risk refresh meeting to evaluate and monitor the project risk and contingency requirements.

\* Includes Board approved Life-of-Project Budget, plus Planning and Finance costs.






## SCHEDULE

	Original*	Current	Forecast
Rev. Operation	May 2021	Oct 2020	Oct 2020

- Differing site conditions, contractor performance, and design review delay have impacted scheduled completion of AUR contract. Mitigation plan is underway including potential deletion and transfer of scope of work to DB Contractor.

\*FFGA scheduled completion

## POTENTIAL RISKS

- Adequate Staffing (Med risk ).
- Differing site conditions such as unknown utilities, contractor performance, and restrictions on peak hour exemptions and LADOT Traffic Plans approval delay have impacted scheduled completion of the Advanced Utility Relocation (AUR) Contract, C0981R, contractual completion milestones. Mitigation measures and close schedule coordination efforts between AUR, DB and DWP are being implemented to mitigate AUR delays, including potential deletion and transfer of scope of work to DB Contractor (High Risk .
- NEPA Law suits could potentially delay the construction of C0980 Contract on Flower Street. MTA is working with FTA to complete supplemental NEPA process by July 2015 (Med. Risk .



On target



Possible problem



Major issue



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk



Metro

# I-405 Sepulveda Pass Improvement Project



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	1,034	1,141	1,231

- Request is being submitted to the Board to increase the project budget by \$90 million.



## SCHEDULE

	Original	Current*	Forecast*
Con. Complete	May 2013	Mar 2014	April 2015

- Due to the complexity of the project, the substantial completion close-out process is taking longer than anticipated.

\*Substantial Completion date. Project opened in May 2014.

## POTENTIAL RISKS

- Wall 1985 design not in conformance with Caltrans Specs (High Risk ).
- Forecast does not include non-merited Claim 86 or any new claims yet to be brought forward by contractor (High Risk ).
- Additional Caltrans and Professional Services costs (Medium Risk ).
- Wall 2004 not in conformance with Caltrans specs (Low Risk ).
- Barrier rails batters not in conformance with Caltrans specs (Low Risk ).
- Non-Standard slope (slopes greater than 2:1) at Walls 1985, 1985A, 2001 & 2011 (Low Risk ).



On target



Possible problem



Major issue



Metro



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk

# Universal City Station Pedestrian Bridge



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	20	27	27

- No issues to report.





## SCHEDULE

	Original	Current	Forecast
Con. Complete	Jan 2016	May 2016	May 2016

- No issues to report.

## POTENTIAL RISKS

- Currently mitigating escalator cost claim submitted by the contractor. (High Risk )
- Contractor has submitted revised schedule indicating significant reduction in construction delays. However, the overall schedule could still be delayed slightly due to the restricted construction periods and the Traffic Control requirements. (Medium risk )



On target



Possible problem



Major issue



Metro



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk

# MOL to MRL North Hollywood Connector



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	17	22	24

- Requesting approximately \$1.1 million increase in LOP budget to cover the costs for three (3) new Ticket Vending Machines (TVMs), Fare Gates, and the Construction Management Services Costs






## SCHEDULE

	Original	Current	Forecast
Con. Complete	Feb 2016	May 2016	May 2016

- No issues to report.

## POTENTIAL RISKS

- Delivery and Installation of new Ticket Vending Machines – TVMs could impact project completion schedule (Low Risk )
- Board approval of LOP budget increase for new Ticket Vending Machines (TVMs) and fare gates. (Medium risk )
- Unforeseen site conditions during underground construction (Medium risk )



On target



Possible problem



Major issue



Metro



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk



# Metro Blue Line Station Refurbishments



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	33	33	33

- No issues to report.



## SCHEDULE

	Original	Current	Forecast
Con. Complete	Mar 2016	Mar 2016	Mar 2016

- Contractor continues to work on week nights and weekends
- 11 out of 21 stations completed

## POTENTIAL RISKS

- Limited construction window for each station and bus bridge cost (High risk →).
- Unable to provide sufficient Contractor storage area due to Metro's need in some of the yard space.- (High risk →).
- Contractor lost time claim due to Metro Rail Operations not able to provide the planned work time frame (High risk →).



On target



Possible problem



Major issue



Metro



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk

# Patsaouras Plaza Busway Station



<b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	17	31	31

- Received request for change (RFC) for cost impacts due to tunnel/foundation conflicts. Currently under evaluation by Metro.

<b>SCHEDULE</b>	Original	Current	Forecast
Con. Complete	June 2014	Jan 2017	Jan 2017

- No issues to report.

## POTENTIAL RISKS

- Processing encroachment permit application for proposed potholing, CCTV inspections and associated traffic control within State ROW (High risk ).
- Potential budget impacts due to: Preliminary Engineering design errors/omissions and potential change cost exposure. (High risk ).
- Timely approval of final design drawings through Caltrans (Medium risk ).
- Relocation of fiber optics communication lines prior to construction (Low risk ).
- Potential unforeseen and difficult underground conditions during construction of bridge foundations (Medium risk ).

On target   Possible problem   Major issue

Risk is Decreasing (Improving)   Risk is Increasing (Worsening)   Risk is Unchanged since last month   New Risk

# Division 13 Bus Maintenance Facility



## BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	95	120	120

- No issues to report



## SCHEDULE

	Original	*Current	*Forecast
Con. Complete	July 2014	June 2015	July 2015

- Since last month completion has slipped two weeks, with final completion now scheduled for July 6, 2015.

\*Reflects final project completion

## POTENTIAL RISKS

- Finalizing public artwork “Lantern” installation (Medium risk ).
- Timely installation of new Metro Drive traffic signal (Low risk ).
- Design errors and changes during interior construction (Low risk ).
- Installation of roofing system for all buildings, including “Ribbon Roof” structural steel (Low Risk ).



On target



Possible problem



Major issue



Metro



Risk is Decreasing (Improving)



Risk is Increasing (Worsening)



Risk is Unchanged since last month



New Risk

# P3010 Rail Car Vehicle Procurement



<b>BUDGET</b>	*Original	**Current	**Forecast
Total Cost (\$ mil.)	\$342	\$739	\$739

- \*Budget for 78 Base Order Cars
- \*\*Budget for 97 Option 1 & 4 Cars

<b>SCHEDULE</b>	Original	Current	Forecast
Final Acceptance	Jan 2017	Feb 2019	Feb 2019

- Current updated schedule from Kinkisharyo still shows contract on schedule.

## POTENTIAL RISKS


- Schedule is very aggressive and any impacts to critical activities could result in delayed deliveries. (Medium risk ).
- Timely execution of Contract Modification (CM). Currently good progress is being made. (Low risk ).
- Timely conduct of on-site design conformance testing. Coordination meetings are being conducted to mitigate potential issues. (Low risk ).

On target  
 Possible problem  
 Major issue

Risk is Decreasing (Improving)  
 Risk is Increasing (Worsening)  
 Risk is Unchanged since last month  
 New Risk

# Gold Line Foothill Extension (Phase 2A)




 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	690	741	741



- No issues to report.






 <b>SCHEDULE</b>	Original	Current	Forecast
Rev. Operation	Nov 2016	May 2016	Mar 2016

- Metro is considering early acceptance of Maintenance & Operating Facility.

## POTENTIAL RISKS

- Metro is assessing operational scenarios related to vehicle availability for an early opening of this project (High risk .

 On target    Possible problem    Major issue

  Risk is Decreasing (Improving)    Risk is Increasing (Worsening)    Risk is Unchanged since last month    New Risk

# Gold Line Foothill Extension (Phase 2A)



## RECENT ACTIVITIES/ISSUES


- Construction is approximately 91% complete
- Civil work complete
- Track installation complete
- Architectural work ongoing at stations
- Systems
  - OCS complete
  - Train control system complete
  - Continue installing communications equipment
- Maintenance Facility
  - Met MCA readiness requirements to commission 3010 LRVs
  - Obtained temporary certificate of occupancy
- Testing
  - Continue systems integration testing (SIT)
  - Continue OCS and train control local field acceptance testing (LFAT)
  - Continue communications LFAT

# Exposition Phase II






 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	1,511	1,511	1,511




- No issues to report.






 <b>SCHEDULE</b>	Original	Current	Forecast
Rev. Operation	Nov 2016	Apr 2016	Apr 2016

- No new issues to report

## POTENTIAL RISKS

- Metro is assessing operational scenarios related to vehicle availability for an early opening of this project (High risk ).
- Delays associated with Trackwork, systems installation and testing, Maintenance Facility) (Med risk .
- Delay in energizing the Traction Power Substation at the OMF (Med risk .

 On target  
  Possible problem  
  Major issue


 Risk is Decreasing (Improving)  
  Risk is Increasing (Worsening)  
  Risk is Unchanged since last month  
  New Risk



## RECENT ACTIVITIES/ISSUES

- Design is 99% complete and mainline construction 84.6% complete
- The mainline and OMF contracts are forecasting Substantial Completion dates of Nov. 15 and Oct 15 respectively. The contractor's, Metro and Expo are working to develop interim milestones that will allow for Pre-Revenue operations to begin in the September to October timeframe and have the OMF facility available to accept LRT vehicles in September.
- The contractor experienced larger than expected settlement at one of the MSE wall locations due to an extensive clay layer. The settlement had begun to stabilize, but during the installation of trackwork the wall began settling again. The contractor is now evaluating soil stabilization measures to halt the settlement. This work can be done concurrently with the systems installation and is not anticipated to affect the current schedule. There have been no issues with the wall panels due to the settlement.
- Metro and Expo continue to work with the Traction Power Substation (TPSS) supplier to commission the TPSS at the OMF so as not to affect the Project Completion date.




# Project Status Sheets



**CRENSHAW/LAX TRANSIT PROJECT**

**As of March 2015**

<b>LOCATION:</b> Crenshaw Blvd at Exposition to Green Line <b>DESIGN/CONSULTANT:</b> Hatch Mott MacDonald				<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> Stantec <b>CONTRACTOR:</b> Walsh-Shea Corridor Constructors (WSCC)			
<b>PROJECT PHOTO:</b> MLK Station decking operations				<b>WORK COMPLETED PAST MONTH:</b>			
				<ul style="list-style-type: none"> <li>o WSCC continued final design.</li> <li>o WSCC continued pile installation for UG#1 near LAX airport runways.</li> <li>o WSCC commence abutment piles at Century Station Bridge.</li> <li>o WSCC continued pile installation at Vernon Station.</li> <li>o WSCC commenced and completed street decking at MLK Station.</li> <li>o WSCC continued utility support in place under street decking at Expo Station.</li> <li>o Metro continued real estate acquisitions with focus on partial-takes and temporary construction easements.</li> <li>o Metro opened proposer's bids for Division 16: Southwestern Yard, IFB C0991.</li> </ul>			
<b>EXPENDITURE STATUS</b> (\$ In Millions)				<b>SCHEDULE ASSESSMENT</b>			
<b>ACTIVITIES</b>	<b>CURRENT BUDGET</b>	<b>EXPENDED AMOUNT</b>	<b>PERCENT EXPENDED</b>	<b>MAJOR SCHEDULE ACTIVITIES</b>	<b>PRIOR PLAN</b>	<b>CURRENT PLAN</b>	<b>VARIANCE WEEKS</b>
<b>DESIGN</b>	\$ 136.7	\$ 98.3	71.9%	<b>Environmental</b>			
				FBS/FEIR	Sep-11	Sep-11	Complete
				Record of Decision	Dec-11	Dec-11	Complete
<b>RIGHT-OF-WAY</b>	\$ 127.4	\$ 105.7	82.9%	<b>Design</b>			
<b>CONSTRUCTION</b>	\$ 1,353.1	\$ 294.0	21.7%	Preliminary Engineering	Nov-11	Nov-11	Complete
				Final Design	Sep-15	Sep-15	On Schedule
<b>OTHER</b>	\$ 440.8	\$ 98.6	22.4%	<b>Right-of-Way</b>			
<b>TOTAL</b>	<b>\$ 2,058.0</b>	<b>\$ 596.5</b>	<b>29.0%</b>	Full-take parcels available	Aug-14	Jan-15	Complete
Note: cost expended as of February 2015.				Part-take and TCE parcels	Sep-15	Sep-15	On schedule
				<b>Construction</b>			
<b>AREAS OF CONCERN</b> o Timely reviews of WSCC's design submittals by City of Los Angeles, City of Inglewood, Caltrans, FAA and LAWA. o Third party relocations prior to design-builder's construction. o Mitigation of design-builder's schedule delays. o LAWA's work windows for design-builder near LAX. o New proposed 96th street station cost/schedule impacts. o Hobas sewer pipe support from deck beams at Expo Station. o Execution of Agreement with City of Inglewood.				D-B Notice to Proceed	Sep-13	Sep-13	Complete
				D-B Substantial Complete	Oct-18	Jan-19	3.5 months behind
				Revenue Service Date	Oct-19	Oct-19	On schedule*
				The D-B Substantial Complete prior plan was modified by a 35 day concurrent delay contract modification in March 2015.			
				*Note: Current Revenue Service Date includes a reduction in contingency.			
<b>ROW ACQUISITION</b>	<b>PLAN</b>	<b>ACQUIRED</b>	<b>REMAINING</b>	<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
FULL TAKES	35	35	0	<ul style="list-style-type: none"> <li>o WSCC complete utility support in place and commence excavation beyond depth of 21 feet at Expo Station.</li> <li>o WSCC commence utility support and excavation at MLK Station</li> <li>o WSCC complete pile installation and commence decking operation at Vernon Station.</li> <li>o WSCC complete pile installation for UG#1 near airport runway.</li> <li>o WSCC commence falsework at Century Station Bridge.</li> <li>o Metro award Division 16: Southwestern Yard, IFB C0991.</li> </ul>			
PARTIAL TAKES	27	9	18				
TEMPORARY EASEMENTS	12	6	6				
<b>TOTAL PARCELS</b>	<b>74</b>	<b>50</b>	<b>24</b>				

**REGIONAL CONNECTOR TRANSIT CORRIDOR PROJECT**

**As of March 2015**

<b>LOCATION:</b>	Downtown Los Angeles	<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b>	ARCADIS
<b>DESIGN CONSULTANT:</b>	Connector Partnership JV	<b>CONTRACTORS:</b>	Pulice Construction, Inc. (C0981R) & Regional Connector Constructors, Joint Venture (C0980)

<b>C0980 Contract - Potholing at 2nd/Broadway Sts. Southside</b>	<b>WORK/ACTIVITY COMPLETED PAST MONTH</b>
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- Pulice started excavation for 36" valves that will be installed by DWP for Waterline at 1st & Alameda Sts.
- DWP/Power completed intercept and cable pulling on Flower St. between 4th and 5th Sts.
- RCC mobilized on 2nd/Broadway site.
- RCC submitted 60% Design Package for 2nd/Hope Station.
- RCC submitted 85% Design Package for Alignment and Track work.
- Metro completed review of 60% Design submittal for 2nd/Broadway and 1st/Central Stations.
- Metro resolved all utility conflicts for the installation of the temporary waterline bypass at 5th and Flower Sts.

<b>EXPENDITURE STATUS</b> (\$ In Millions)	<b>SCHEDULE ASSESSMENT</b>
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ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PERIOD	CURRENT PLAN	VARIANCE WEEKS
<b>DESIGN</b>	\$119.0	\$72.3	60.7%	<b>Environmental</b>			
				FES / FEIR	N/A	04/26/12	Complete
<b>RIGHT-OF-WAY</b>	\$102.0	\$35.2	34.6%	<b>Design</b>			
				FE Notice to Proceed	N/A	01/04/11	Complete
<b>CONSTRUCTION</b>	\$966.1	\$137.4	14.2%	Final Design complete	04/07/16	04/07/16	0
<b>OTHER</b>	\$272.9	\$56.8	20.8%	<b>Right-of-Way</b>			
<b>TOTAL</b>	<b>\$1,460.0</b>	<b>\$301.7</b>	<b>20.7%</b>	All parcels available	06/01/16	06/01/16	0

Current Budget reflects Board approved Life-of-Project Budget and does not include Finance Charges.  
 Note: Expended amount is through 02/28/2015

Note: ROW dates are adjusted to reflect the latest D/B Contractor's coordinated need Dates. Duco Yard is not needed until 08/15/18.  
**Construction - Design / Build Contract**

Notice to Proceed	07/07/14	07/07/14	Complete
Construction complete	08/22/20	08/22/20	0
Revenue Service Date	10/22/20	10/22/20	0

<b>AREAS OF CONCERN</b>	<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>
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- NEPA Law suits could potentially delay the construction of C0980 Contract on Flower Street.  
 The NEPA trial concluded on Feb. 24, 2014. In an order issued on May 29, 2014, Judge Kronstadt concluded the FES did not sufficiently discuss alternative tunneling methods. MTA is working with FTA to complete supplemental NEPA process by July 2015 before the D/B contractor is scheduled to commence cut-and-cover construction on Flower St. No impact is anticipated to D/B Contractor.
- Differing site conditions such as unknown utilities, restrictions on peak hour exemptions and LADOT Traffic Plans approval delay have impacted scheduled completion of the Advanced Utility Relocation (AUR) Contract, C0981R, contractual completion milestones. Mitigation measures and close schedule coordination efforts between AUR, DB and DWP are being implemented to mitigate AUR delays including deletion of work scope such as sewer line at 1st/Alameda Sts., water line at Hope St., and electrical vault duct bank at Broadway St. etc. Delays to D/B Contractor critical path activities are being evaluated in detail and location by location to determine mitigation measures. No impact is anticipated to FFGA revenue service date.


- Pulice continues excavation of trench for Electrical Lateral on 2nd and Spring Streets.
- Pulice continues trenching and installing conduit at 2nd/Broadway and Flower Streets.
- Metro is reviewing the Revision 3 of the RCC Design Work Plan.
- Metro is reviewing RCC Geotechnical Plan Report.
- RCC will prepare and submit 100% Train Control Design and Specifications (by End April).
- RCC continues to conduct Pre-Con Video of Sewer and Storm Drain at various locations upon receiving ROE letter from LA Times.
- RCC will start storm Drain installation (including tree removal) at 1st Street.
- RCC will start Pile Trenching – Wye at 1st/Alameda.
- Third Party Utility (DWP-P) will begin cable pulling at Broadway (between 1st and 2nd Street) and Spring (between 2nd and 3rd Street) to run concurrent with Pulice's work (by late May 2015).
- Third Party Utility Contractors continues cable pulling and splicing on Flower St.

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING
<b>PERMANENT PARCELS</b>	5	2	3
<b>TEMPORARY PARCELS</b>	29	12	17
<b>TOTAL PARCELS</b>	<b>34</b>	<b>14</b>	<b>20</b>




**WESTSIDE PURPLE LINE EXTENSION SECTION 1 PROJECT**

**As of March 2015**

<b>LOCATION:</b> Los Angeles / Beverly Hills <b>DESIGN CONSULTANT:</b> Parsons / Brinckerhoff				<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> WEST, a Joint Venture <b>CONTRACTOR:</b> Skanska, Traylor and Shea, a Joint Venture			
<b>Wilshire/Fairfax Power Relocations</b>				<b>WORK COMPLETED PAST MONTH</b>			
 <p style="font-size: small; color: yellow;">3/21/15 - 3:47 AM Contractor restoring concrete pavement for power segments 14 and 15 at NB Fairfax Ave. and EB Wilshire Blvd. facing northeast.</p>				<ul style="list-style-type: none"> <li>- Continuing real estate acquisitions</li> <li>- C1045 Design/Build: Final design underway for four of six design units</li> <li>- C1045 Design/Build: TBM General Arrangement Drawings received and approved</li> <li>- C1045 Design/Build: Received Baseline Schedule, under review</li> <li>- C1045 Design/Build: Design Quality Manual approved</li> <li>- C1055 Wilshire/Fairfax AUR: Waterline east of Fairfax</li> <li>- C1056 Wilshire/La Cienega AUR: Submittals and material procurement underway</li> </ul>			
<b>EXPENDITURE STATUS</b> (\$ In Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
<b>DESIGN</b>	\$157.7	\$66.2	42.0%	<b>Environmental</b>			
				FEIS / FEIR	N/A	05/31/12	Complete
<b>RIGHT-OF-WAY</b>	\$175.6	\$95.8	54.6%	<b>Design</b>			
				PE Notice to Proceed	N/A	01/12/11	Complete
<b>CONSTRUCTION</b>	\$1,737.4	\$70.7	4.1%	Final Design complete	03/22/17	03/22/17	0
				<b>Right-of-Way</b>			
<b>OTHER</b>	\$1,078.7	\$77.3	7.2%	All parcels available	12/31/15	12/31/15	0
<b>TOTAL</b>	<b>\$3,149.4</b>	<b>\$310.0</b>	<b>9.8%</b>				
Current Budget includes Environmental/Planning and Finance Costs.				<b>Construction - Main Design / Build Contract</b>			
<b>AREAS OF CONCERN</b>				Notice to Proceed	01/12/15	01/12/15	0
Timely resolution of the CEQA and NEPA law suits. CEQA Judge ruled in favor of Metro's position on the Beverly Hills Unified School District and City of Beverly Hills law suits, and both petitioners have appealed the ruling. Awaiting Court of Appeals decision. U.S. District Court Judge has taken the December 2014 hearing for summary judgment off the calendar and has yet set a new date.				Construction complete	11/08/23	11/08/23	0
<b>ROW ACQUISITION</b>	<b>PLAN</b>	<b>ACQUIRED</b>	<b>REMAINING</b>	<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
PERMANENT PARCELS	17	3	14	<ul style="list-style-type: none"> <li>- C1045 Design/Build: Planning &amp; major submittal development</li> <li>- C1045 Design/Build: TBM procurement</li> <li>- C1045 Design/Build: Wilshire/Western TBM Shaft 60% final design submittal</li> <li>- C1045 Design/Build: La Brea North site preparation</li> <li>- C1045 Design/Build: Wilshire/Crenshaw Yard site preparation</li> <li>- C1055 Wilshire/Fairfax AUR: Water line construction east of Fairfax</li> <li>- C1056 Wilshire/La Cienega AUR: Construction mobilization and potholing</li> <li>- C1045 Design/Build: Geotechnical &amp; surveying field work</li> </ul>			
TEMPORARY PARCELS	1	0	1				
<b>TOTAL PARCELS</b>	<b>18</b>	<b>3</b>	<b>15</b>				

**I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT**


**As of March 2015**

<b>LOCATION:</b> I-405 Sepulveda Pass Improvements Project				<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> Stantec			
<b>DESIGN/CONSULTANT:</b> Kiewit (D/B)				<b>CONTRACTOR:</b> Kiewit (D/B)			
<b>PROJECT PHOTO</b>				<b>WORK COMPLETED PAST MONTH</b>			
<p><b>Bridges 1 &amp; 2 at Pico Blvd.</b></p> 				<ul style="list-style-type: none"> <li>- Irrigation and Landscaping installation</li> <li>- Retaining Wall 2011 Slope Stabilization continues</li> <li>- Project Completion Walk Through with Contractor and Caltrans continue</li> <li>- Contractor Correcting Non-Conforming work on Barriers, Walls and ADA Ramps</li> </ul>			
<b>EXPENDITURE STATUS</b>				<b>SCHEDULE ASSESSMENT</b>			
<b>(\$ In Millions)</b>							
<b>ACTIVITIES</b>	<b>CURRENT BUDGET</b>	<b>EXPENDED AMOUNT</b>	<b>PERCENT EXPENDED</b>	<b>MAJOR SCHEDULE ACTIVITIES</b>	<b>PRIOR PLAN</b>	<b>CURRENT PLAN</b>	<b>VARIANCE WEEKS</b>
<b>DESIGN (Preliminary) (PA&amp;ED/PS&amp;E)</b>	\$47.0	\$47.0	100.0%	<b>Environmental</b>			
				End Environmental Phase (PA&ED)	Mar-08	Mar-08	Complete
<b>RIGHT-OF-WAY (Capital/Support/3rd Party)</b>	\$108.7	\$68.8	63.3%				
<b>CONSTRUCTION (Construction Support/Construction)</b>	\$983.1	\$978.9	99.6%	<b>Design</b>			
<b>Reversible Lane</b>	\$2.6	\$1.5	57.7%	End Design Support Phase (D/B)	Mar-15	Apr-15	4
<b>TOTAL</b>	<b>\$1,141.4</b>	<b>\$1,096.2</b>	<b>96.0%</b>				
				<b>Right-of-Way</b>			
				ROW Certification	Mar-15	Apr-15	4
<b>AREAS OF CONCERN</b>							
Cracks in Retaining Walls/Soil Nail Walls				<b>Construction</b>			
Barrier Rails not per Standard				Opening of SB I-405 Realignment			
Wall 2004				Substantial Completion			
CMS at Getty Center							
Deficiencies/Leaks at Bridges 10, 11, 20, & 22							
Slopes Greater than 2:1 at 1985, 1985A, 2001, 2011							
GSA Restoration							
<b>ROW ACQUISITION (Caltrans)</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
PARCELS AQUIRED			66	Project Wide Substantial Completion - End of April 2015			
PARCELS NOT AQUIRED (Salvation Army-Litigation Pending)			1	Project Wide Punchlist Work Begins - End of April 2015			
DECERTIFIED PARCELS			12				
PAST DUE WITH NO APPARENT SCHEDULE IMPACT			0				
ADDITIONAL IMPACTS REQUIRING APPRAISAL MAPS			0				
<b>TOTAL REQUIRED PARCELS</b>			<b>79</b>				

**METRO DIVISION 13**

**Bus Maintenance and CNG Fueling Facility**

**As of March 2015**

<b>LOCATION:</b> Los Angeles		<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> MARRS					
<b>DESIGN CONSULTANT:</b> MDG		<b>CONTRACTOR:</b> McCarthy					
<b>PROJECT PHOTO</b> CNG Facility on Metro Drive		<b>WORK COMPLETED PAST MONTH</b>					
		<ul style="list-style-type: none"> <li>Completed Artwork structural steel erection on west side of building</li> <li>Continued work installing elevators</li> <li>Continue fire alarm systems through buildings</li> <li>Continue interior build out of dry wall, sprinklers and MEP</li> <li>Continue sack and patch of concrete at upper levels</li> <li>Continue stair installations throughout buildings</li> <li>Continue installation of roofing systems</li> <li>Continue installation of lift equipment</li> <li>Continue installation of City C&amp;G plus sidewalks along Cesar Ave</li> <li>Connected Fiber Optic communication cables from USG building</li> <li>Continue interior finishes in Transportation Building</li> </ul>					
<b>EXPENDITURE STATUS</b> (\$ In Millions)		<b>SCHEDULE ASSESSMENT</b>					
<b>ACTIVITIES</b>	<b>CURRENT BUDGET</b>	<b>EXPENDED AMOUNT</b>	<b>PERCENT EXPENDED</b>	<b>MAJOR SCHEDULE ACTIVITIES</b>	<b>PRIOR PLAN</b>	<b>CURRENT PLAN</b>	<b>VARIANCE (WEEKS)</b>
<b>DESIGN</b>	6.593	6.593	100.0%	<b>Environmental</b>			
				Categorical Exemption	Dec-09 A	Dec-09 A	Complete
<b>RIGHT-OF-WAY</b>	0	0	n/a	<b>Design</b>			
				Final Design	Oct-09 A	Oct-09 A	Complete
<b>CONSTRUCTION</b>	88.8	77.59	87.4%	<b>Right-of-Way</b>			
				Not Applicable	n/a	n/a	n/a
<b>OTHER</b>	24.95	19.43	77.9%	<b>Construction</b>			
				Notice to Proceed	Jul-12 A	Jul-12 A	Complete
<b>TOTAL</b>	120.34	103.61	86.1%	Construction Complete	Jun-15	Jul-15	2
Expenses as of 2/28/2015							
<b>AREAS OF CONCERN</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
<ul style="list-style-type: none"> <li>Perform load test on post tensioned concrete structural beam</li> <li>Improvements and widening of Cesar Chavez Ave</li> <li>Permanent power CNG yard &amp; equipment</li> <li>Low voltage, ITS, communication, etc. installation by Metro</li> <li>Artwork lantern secondary structural steel fabrication/erection</li> <li>Installation of the electrical systems throughout the buildings</li> </ul>				<ul style="list-style-type: none"> <li>Installation of owner supplied fumature</li> <li>Improvements and widening of Cesa Chavez Ave</li> <li>Installation of the artwork lantern conduits &amp; lighting</li> <li>Complete installation of natrual gas meter by SCG for CNG facility</li> <li>Install the elevators and get State inspection</li> <li>Complete power connections to all building</li> <li>Complete the installation of roof systems on all buildings</li> <li>Pave all hard surface areas and roads onsite</li> <li>Continue installation of mechanical, electical and plumbing</li> <li>Install frames, doors, hardware and window glazing</li> <li>Start commisioning of the MEP systems</li> <li>Installaion of the communication and ITS systems by Metro</li> <li>Continue installation of photovoltaic panels</li> </ul>			
<b>ROW ACQUISITION</b>	<b>PLAN</b>	<b>ACQUIRED</b>	<b>REMAINING</b>				
PERMANENT PARCELS	0	n/a	0				
TEMPORARY PARCELS	0	n/a	0				
<b>TOTAL PARCELS</b>	0	n/a	0				