

# Item 43










## Transit Program Project Budget and Schedule Status Report

Construction Committee  
November 6, 2014



**Metro**

# Cost & Schedule Performance Summary Chart

Slide #	Project	Cost Performance	Schedule Performance	Comments
3	Crenshaw/LAX			Design-Builder currently four months behind schedule with recovery plan in place to be on track by Feb. 2015
4	Westside Purple Line Extension			Four month delay to the contract award and NTP dates for the Design-Build contract due to the receipt of two protests
5	Regional Connector			
6	I-405 Sepulveda Pass Improvements Project			Interim forecast reflects increases to the following items: Merited Provisional Sums, ROW Capital, 3rd Party/MCA, Caltrans support & other Professional Services. Forecast does not include non merited Claim 86 or any new claims yet to be brought forward by contractor
7	Universal City Pedestrian Bridge			Delay in finalizing escalator issues.
8	MOL to MRL North Hollywood Connector			Redesign for future provision of second escalator will likely cause delays to both design and construction and result in a cost increase.
9	Metro Blue Line Station Refurbishments			
10	Patsaouras Plaza			Potential schedule impacts due to: Design impacts from contractor slow start and errors/omissions from Preliminary Engineering design drawings.
11	Division 13			
12	P3010 Rail Car Vehicle Procurement			Schedule is very aggressive and any impacts to critical activities could result in delayed deliveries-no apparent schedule impact at this time.
13-14	Gold Line Foothill Ext.			
15-16	Expo Phase I			
15-16	Expo Phase II			



On target



Possible problem



Major issue

# 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


- Design-builder is four (4) months behind schedule but schedule recovery plan is now in place with contractor anticipating to be back on track by February 2015.
- Metro has acquired 34 of 35 full take parcels required for construction by design-builder.
- CPUC has approved all five grade-separated crossings applications.

## 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 delays in cutter soil mix pile installation at Exposition Station impacting project critical path; Metro staff and design-builder working closely with City of Los Angeles to implement contractor's schedule recovery plan which includes full street closures for continuous pile installation and decking operations. (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)
- Potential for added scope to the project due to community demands (Low risk)
- Construction operations exceeding allowable noise levels (Low risk)

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



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

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

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

- Wilshire/La Brea AUR contract is substantially complete.
- Advanced utility relocation work by private utilities are occurring at the three station locations.
- Four month delay to the contract award and NTP dates for the Design-Build contract due to the receipt of two protests.

\* FFGA scheduled completion

## POTENTIAL RISKS

- 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. The City of Beverly Hills and Beverly Hills Unified School District opening briefs are due on November 19, 2014 in the Court of Appeal. (Low risk).
- NEPA lawsuits filed by Beverly Hills Unified School District and the City of Beverly Hills are still pending, with the hearing on the parties’ cross-motions for summary judgment set for December 4, 2014. (Low risk).

# Regional Connector



## BUDGET

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

- Represents Board approved Life-of-Project Budget.
- Pedestrian Bridge option Exercised for \$3.32 million



## SCHEDULE

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

- Advanced utility relocations are continuing at Flower Street, 2<sup>nd</sup>/Broadway Street and 1<sup>st</sup>/Alameda Street.
- C0980 Contractor is progressing on soil borings, survey and geotechnical investigation in support of Final Design.
- Pedestrian Bridge (Option 3) at 2<sup>nd</sup>/Hope Station was exercised for design and construction.

\*FFGA scheduled completion

## POTENTIAL RISKS

- NEPA Cases: trial concluded on Feb. 24, 2014. In an order issued on May 29, 2014, Judge Kronstadt identified one flaw in the FEIS. MTA fully expects to complete the required supplemental NEPA process before the D/B contractor is scheduled to commence cut-and-cover construction on Flower St. No impact is anticipated to D/B Contractor (Low Risk).
- Unforeseen conditions such as unknown utilities and restrictions on peak hour exemptions in the streets of downtown has impacted scheduled completion of the Advanced Utility Relocation (AUR) Contract, C0981R, completion milestones. Mitigation measures are being implemented to mitigate delays to AUR. No impact is anticipated to D/B Contractor critical path and no impact to the project revenue service date (Low Risk).



# I-405 Sepulveda Pass Improvement Project



## BUDGET

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

- Interim forecast increase of \$90 million reflects increases to the following items:
  - Merited Provisional Sums
  - ROW Capital
  - 3<sup>rd</sup> Party/MCA
  - Caltrans support & other Professional Services



## SCHEDULE

	Original	Current*	Forecast*
Con. Complete	May 2013	Oct 2014	Nov 2014

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

\*Substantial Completion

## POTENTIAL RISKS

- Fact-sheet approvals by Caltrans; non-approval could result in re-design or reconstruction (Low risk)
- Additional Caltrans and Professional Services costs (Medium risk)
- Forecast does not include non merited Claim 86 or any new claims yet to be brought forward by contractor (High 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	Jan 2016	May 2016

- 100% Structural and Foundation plans review completed
- 100% Civil, Architectural, MEP plans are currently being reviewed.
- Construction activities ramping up
- Delay in finalizing escalator issues

## POTENTIAL RISKS

- Additional easement requirement could delay construction (Medium risk)
- DB Contractor may place a claim for additional escalator cost (High risk)
- The restricted construction periods stipulated by NBC/Universal and the Traffic Control requirements make construction schedule challenging. (Low risk)



# MOL to MRL North Hollywood Connector



## BUDGET

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

- Potential cost increase due to adding future provisions for second escalator. Costs unknown at this time.



## SCHEDULE

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

- 100% Final Design Package under review
- Redesign for future provision of second escalator will likely cause delays to both design and construction
- Excavation for new Piles scheduled to start in early November.

## POTENTIAL RISKS

- San Fernando Valley and North Hollywood Community Associations have requested addition of second escalator in the scope of the project. (High risk)
- Project budget for Ticket Vending Machines (TVMs) and fare gates may not be adequate (Medium risk)
- Unforeseen site conditions during underground construction (Medium risk)
- LA City - BOE approval is taking longer than expected and may impact project schedule (Medium 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

- Long Beach Loop 4 stations construction finished on 10/19
- Anaheim Station will start on 11/7 for 3 weeks.
- PCH Station will start on 11/14 for 3 weeks but skipping Thanksgiving Weekend.

## 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).



# Patsaouras Plaza Busway Station



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

- No issues to report.

 <b>SCHEDULE</b>	Original	Current	Forecast
Con. Complete	June 2014	Sept 2016	Sept 2016

- Potential schedule impacts due to: design impacts from contractor slow start and errors/omissions from Preliminary Engineering design drawings.

## POTENTIAL RISKS

- 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).
- Potential budget impacts due to: Preliminary Engineering design errors/omissions and potential change cost exposure. (High risk)

# Division 13 Bus Maintenance Facility



## BUDGET

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

- LOP Budget increase was approved by the Board in September 2014.



## SCHEDULE

	Original	Current	Forecast
Con. Complete	July 2014	May 2015	May 2015

- No issues to report.


## POTENTIAL RISKS

- Removal of remaining Hazardous Materials under Metro Drive (Low risk)
- Timely installation of new Metro Drive traffic signal (Low risk)
- Design errors and changes during construction (Low 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

- 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).
- Determination as to the location of the new manufacturing facility remains in question, which may affect production of Option 1 & 4 vehicles. (Medium risk).
- Schedule is very aggressive and any impacts to critical activities could result in delayed deliveries. (Medium 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

- No issues to report.

## POTENTIAL RISKS

- Metro is assessing operational scenarios related to vehicle availability for an early opening of this project (Low risk).
- Metro vendor late delivery of Sub-Stations (Low risk).

# Gold Line Foothill Extension (Phase 2A)




## RECENT ACTIVITIES/ISSUES

- Construction is approximately 80% complete
- Civil work substantially complete
- Stations
  - Architectural work ongoing
- Track
  - Mainline track installation complete
- Systems
  - Continue installing OCS wire and poles
  - Continue installing train control cases and associated equipment
  - Continue installing communications equipment
- Maintenance Facility
  - Interior wall framing and mechanical, electrical, and plumbing rough in complete
  - Exterior walls nearing completion on all buildings
  - Interior walls nearing completion in main shop building
  - Continue installation of OCS poles and wire
  - Continue installation of train control equipment

# Exposition Phase I & Phase II



## PHASE I

 <b>BUDGET</b>	Original	Current	Forecast
Total Cost (\$ mil.)	640	979	979

- No issues to report.

## SCHEDULE

- Revenue Operations to Culver City began June 20, 2012.

## POTENTIAL RISKS

- Delay in final project closeout

## 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. Operations	Nov 2016	May 2016	Feb 2016

- No issues to report.

## POTENTIAL RISKS

- Delays (Trackwork and systems installation, Maintenance Facility) (Low risk)
- Delay in Traction Power Substation delivery and commissioning (Low risk)
- Metro is assessing operational scenarios related to vehicle availability for an early opening of this project (Low risk)

# Exposition Phase I & Phase II



## RECENT ACTIVITIES/ISSUES

### PHASE I

- Outstanding work items:
  - Complete outstanding Warranty Items
  - As-Builts final approval

### PHASE II

- Design is 99% complete and construction 72% complete
- Continue trackwork and systems installation
- Station Platforms under construction
- Substantial Completion of the Operations and Maintenance Facility, but is not anticipated to affect acceptance of new LRT vehicles from Metro or ROD.
- Continue Bikeway Contract construction
- Metro and Expo continue to work with the Traction Power Substation (TPSS) supplier to deliver and commission the TPSS so as not to affect the Project Completion date




# Project Status Sheets




**CRENSHAW/LAX TRANSIT PROJECT**

**As of October 2014**

<b>LOCATION:</b> Crenshaw Blvd at Exposition south to Green Line				<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> Stantec			
<b>DESIGN/CONSULTANT:</b> Hatch Mott MacDonald				<b>CONTRACTOR:</b> Walsh-Shea Corridor Constructors (WSCC)			
<b>PROJECT PHOTO:</b> Tunnel Boring Machine (TBM) parts being shipped from Germany to Los Angeles.				<b>WORK COMPLETED PAST MONTH:</b>			
				<ul style="list-style-type: none"> <li>o Metro initiated close out of Advance Utility Relocations.</li> <li>o WSCC continued final design.</li> <li>o WSCC continued coordination with LAWA/FAA for upcoming construction activities next to end of airport runways.</li> <li>o WSCC continued cutter soil mixing (CSM) pile installation at Exposition Station.</li> <li>o WSCC TBM enroute to Los Angeles with arrival planned for early November 2014.</li> <li>o Metro continued real estate acquisitions.</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	\$ 84.0	61.4%	<b>Environmental</b>			
				FIS/FEIR	Sep-11	Sep-11	Complete
				Record of Decision	Dec-11	Dec-11	Complete
<b>RIGHT-OF-WAY</b>	\$ 127.4	\$ 101.9	80.0%	<b>Design</b>			
				Preliminary Engineering	Nov-11	Nov-11	Complete
<b>CONSTRUCTION</b>	\$ 1,353.1	\$ 227.5	16.8%	Final Design	Sep-15	Sep-15	On Schedule
				<b>Right-of-Way</b>			
<b>OTHER</b>	\$ 440.8	\$ 86.4	19.6%	All full-take parcels available	Aug-14	Dec-14	4 months behind
<b>TOTAL</b>				\$ 2,058.0	\$ 499.7	24.3%	
Note: cost expended as of September 27, 2014.							
<b>AREAS OF CONCERN</b>				<b>Construction</b>			
<ul style="list-style-type: none"> <li>o Timely future reviews of WSCC's designs by City of Los Angeles, City of Inglewood, Caltrans, FAA and Los Angeles World Airports.</li> <li>o Third party relocations prior to design-builder's construction activities</li> <li>o Execution of Agreement with City of Inglewood.</li> <li>o Mitigation of design-builder's current forecast of 3.8 month schedule delay to substantial completion milestone.</li> </ul>				D-B Notice to Proceed	Sep-13	Sep-13	Complete
				D-B Substantial Complete	Sep-18	Dec-18	3.8 months behind
				Revenue Service Date	Oct-19	Oct-19	On schedule*
				*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	34	1	<ul style="list-style-type: none"> <li>o WSCC implement schedule recovery plan.</li> <li>o WSCC continue final design.</li> <li>o WSCC continue support of excavation work at Exposition Station.</li> <li>o WSCC continue support of excavation work at MLK Station.</li> <li>o WSCC commence support of excavation work at Vernon Station.</li> <li>o WSCC commence new Century/Aviation bridge construction.</li> <li>o WSCC commence decking operations at Exposition Station.</li> </ul>			
PARTIAL TAKES	27	3	24				
TEMPORARY EASEMENTS	12	2	10				
<b>TOTAL PARCELS</b>	74	39	35				

**WESTSIDE PURPLE LINE EXTENSION SECTION 1 PROJECT (LA CIENEGA)**

**As of October 2014**

<b>LOCATION:</b> Los Angeles / Beverly Hills				<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> WEST JV			
<b>DESIGN CONSULTANT:</b> Parsons / Brinckerhoff				<b>CONTRACTOR:</b> TBD			
<b>ADVANCED UTILITY RELOCATION WATERLINE WELD PREP</b>				<b>WORK COMPLETED PAST MONTH</b>			
				<ul style="list-style-type: none"> <li>- C1034 Exploratory Shaft backfill is complete</li> <li>- C1048 Advanced Utility Relocations (AUR) substantially complete</li> <li>- Continuing real estate acquisitions</li> <li>- C1055 Fairfax AUR ductbank segments 2, 5, 6, 13, 12 complete</li> </ul>			
<b>EXPENDITURE STATUS (\$ In Millions)</b>				<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>	\$157.7	\$60.5	38.4%	<b>Environmental</b>			
				FEIS / FEIR	N/A	05/31/12	Complete
<b>RIGHT-OF-WAY</b>	\$175.6	\$39.2	22.3%	<b>Design</b>			
<b>CONSTRUCTION</b>	\$1,737.4	\$19.8	1.1%	PE Notice to Proceed	N/A	01/12/11	Complete
				Final Design complete	03/22/17	03/22/17	0
<b>OTHER</b>	\$1,078.7	\$70.1	6.5%	<b>Right-of-Way</b>			
<b>TOTAL</b>	<b>\$3,149.4</b>	<b>\$189.6</b>	<b>6.0%</b>	All parcels available	12/31/15	12/31/15	0
Current Budget includes Environmental/Planning and Finance Costs.				<b>Construction - Main Design / Build Contract</b>			
<b>AREAS OF CONCERN</b>				Notice to Proceed	12/22/14	12/22/14	0
				Construction complete	10/18/23	10/18/23	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	1	16	<ul style="list-style-type: none"> <li>- C1034 Exploratory Shaft: Contract close out</li> <li>- C1045 Design/Build Contract: Issue award and NTP</li> <li>- C1055 Fairfax AUR: Construction of water &amp; power, MS #1 Complete</li> <li>- C1056 La Cienega AUR: Issue award and NTP</li> </ul>			
TEMPORARY PARCELS	1	0	1				
<b>TOTAL PARCELS</b>	<b>18</b>	<b>1</b>	<b>17</b>				



**REGIONAL CONNECTOR TRANSIT CORRIDOR PROJECT**

**As of October 2014**

<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)

**Setting a steel plate in trench as shoring at 1st and Alameda Streets**



**WORK/ACTIVITY COMPLETED PAST MONTH**

- RCC is progressing with the 60% design submittal to Metro for review.
- Metro/RCC held the first partnering session.
- RCC continued with geotechnical boring and vibration testing at Disney Concert Hall and Colburn School.
- Pulice successfully completed 2nd St. full closure powerwork and continues trenching and installing power conduit at various locations at 2nd St. and Broadway.
- Metro continues seeking PM Peak Hour Exemptions from the City of Los Angeles at various locations for the Advanced Utility Relocations.
- Pulice continued trenching along Flower St. and at Alameda.
- Pulice installed vault 530 in front of the California Club on Flower St.
- Metro's Environmental Contractor, Arcadis, completed removal of the old UST in the LA Times parking lot.
- Pedestrian Bridge (Option 3) at 2nd/Hope Station was exercised for design and construction.
- CEQA Status: all three lawsuits filed by the Bonaventure Hotel, Thomas Properties and Japanese Village Plaza against MTA in which the petitioners challenged the adequacy of the ER for the Regional connector Project have been resolved in MTA's favor.

**EXPENDITURE STATUS (\$ In Millions)**

ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED
<b>DESIGN</b>	\$118.8	\$53.7	45.2%
<b>RIGHT-OF-WAY</b>	\$102.0	\$34.7	34.1%
<b>CONSTRUCTION</b>	\$930.9	\$57.5	6.2%
<b>OTHER</b>	\$308.3	\$51.5	16.7%
<b>TOTAL</b>	<b>\$1,460.0</b>	<b>\$197.5</b>	<b>13.5%</b>

**SCHEDULE ASSESSMENT**

MAJOR SCHEDULE ACTIVITIES		CURRENT PLAN	VARIANCE WEEKS
<b>Environmental</b>			
FEIS / FEIR	N/A	04/26/12	Complete
<b>Design</b>			
PE Notice to Proceed	N/A	01/04/11	Complete
Final Design complete	12/11/15	12/11/15 *	0
* Dates would be adjusted once the baseline schedule is approved			
<b>Right-of-Way</b>			
All parcels available	06/30/15	06/30/15	0

Current Budget reflects Board approved Life-of-Project Budget and does not include Finance Charges.  
 Note: Expended amount is through September 2014.

<b>Construction - Main Design / Build Contract</b>			
Notice to Proceed	07/07/14	07/07/14	Complete
Construction complete	10/22/20	08/22/20	9

**AREAS OF CONCERN**

- NEPA Cases: trial concluded on Feb. 24, 2014. In an order issued on May 29, 2014, Judge Kronstadt identified one flaw in the FEIS. MTA fully expects to complete the required supplemental NEPA process before the D/B contractor is scheduled to commence cut-and-cover construction on Flower St. No impact is anticipated to D/B Contractor.
- Unforeseen conditions such as unknown utilities and restrictions on peak hour exemptions in the streets of downtown has impacted scheduled completion of the Advanced Utility Relocation (AUR) Contract, C0981R, completion milestones. Mitigation measures are being implemented to mitigate delays to AUR. No impact is anticipated to D/B Contractor critical path and no impact to the project revenue service date.

**CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD**


- RCC continues land survey, potholing and geotechnical investigation.
- RCC to submit single tracking run time simulation to support evaluation of option RCC- 1, 2nd/Broadway Crossover Cavern.
- RCC to prepare and submit 60% design submittal for Shoofly package.
- Pulice continues Advanced Utility Relocations Construction (Contract C0981R).
- Third Party Utility contractors continue advanced utility relocations on Flower St. and 1st and Alameda Sts.
- Metro/RCC to hold a second partnering session.

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING
<b>PERMANENT PARCELS</b>	5	2	3
<b>TEMPORARY PARCELS</b>	29	9	20
<b>TOTAL PARCELS</b>	<b>34</b>	<b>11</b>	<b>23</b>

**METRO DIVISION 13**


**Bus Maintenance and CNG Fueling Facility**

**As of October 2014**

<b>LOCATION:</b> Los Angeles		<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> MARRS	
<b>DESIGN CONSULTANT:</b> MDG		<b>CONTRACTOR:</b> McCarthy	
<b>PROJECT PHOTO</b> Structural Steel Erection over Ramps		<b>WORK COMPLETED PAST MONTH</b>	
		<ul style="list-style-type: none"> <li>• Continue structural steel erection on south side of building</li> <li>• Continued work in weld shop area in Building 1</li> <li>• Continue interior build out of dry wall, sprinklers and MEP</li> <li>• CNG contractor installed their large compressors in CNG yard</li> <li>• Continue sack and patch of concrete at upper levels</li> <li>• Demo abandoned overhead utilities in building 1</li> <li>• Continue masonry walls level 2</li> <li>• Completed sewer line connection near Chassis Wash</li> <li>• Continued work on retaining wall along Metro Drive</li> <li>• Continued work on retaining wall and tanks along side Cesar Ave</li> <li>• Completed structural steel erection at Chassis Wash Area</li> </ul>	
<b>EXPENDITURE STATUS (\$ In Millions)</b>			
<b>ACTIVITIES</b>	<b>CURRENT BUDGET</b>	<b>EXPENDED AMOUNT</b>	<b>PERCENT EXPENDED</b>
<b>DESIGN</b>	6.593	6.592	100.0%
<b>RIGHT-OF-WAY</b>	0	0	n/a
<b>CONSTRUCTION</b>	88.8	61.78	69.6%
<b>OTHER</b>	24.95	17.61	70.6%
<b>TOTAL</b>	120.34	85.98	71.4%
Budget as of 10/2/2014			
Expenses as of 9/30/2014			
<b>AREAS OF CONCERN</b>			
<ul style="list-style-type: none"> <li>• Commitments trending above LOP</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>• Art Work Lantern Prototype structural steel fabrication/delivery</li> <li>• LADWP permanent power to electrical switch yard</li> </ul>			
<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
<ul style="list-style-type: none"> <li>• Complete DWP onsite service yard work for electrical switchgear</li> <li>• Finalize the artwork lantern structural frame and lighting</li> <li>• Complete installation of CNG MSA and meter assembly</li> <li>• Complete work on retaining wall along Metro Drive</li> <li>• Install the balance of structural steel for building</li> <li>• Complete PCC paving between Metro Bldg 1 &amp; 2 to open area</li> <li>• Install roof systems on all buildings</li> <li>• Pave all hard surface areas and roads before rainy season starts</li> <li>• Perform load test on deck #2</li> <li>• Continue installation of mechanical, electrical and plumbing</li> <li>• Install frames, doors, hardware and window glazing</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>	<b>0</b>	<b>n/a</b>	<b>0</b>

**I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT**

**As of October 2014**

<b>LOCATION:</b> I-405 Sepulveda Pass Improvements Project <b>DESIGN/CONSULTANT:</b> Kiewit (D/B)				<b>CONSTRUCTION MANAGEMENT CONSULTANT:</b> Stantec <b>CONTRACTOR:</b> Kiewit (D/B)			
<b>PROJECT PHOTO</b>				<b>WORK COMPLETED PAST MONTH</b>			
<b>GSA Anti-Climb Fence Installed</b> 				<ul style="list-style-type: none"> <li>- Irrigation and Landscaping installation continues</li> <li>- Traffic Signals and Permanent Lighting installation continues</li> <li>- GSA Work Completed</li> <li>- Getty Center North Canyon Dirt Stockpile Removal Completed</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 (Preliminary)</b> (PA&ED/PS&E)	\$47.0	\$47.0	100.0%	<b>Environmental</b>			
<b>RIGHT-OF-WAY</b> (Capital/Support/3rd Party)	\$108.7	\$63.6	58.5%	End Environmental Phase (PA&ED)	Mar-08	Mar-08	Complete
<b>CONSTRUCTION</b> (Construction Support/Construction)	\$983.1	\$941.3	95.7%	<b>Design</b>			
<b>Reversible Lane</b>	\$2.6	\$1.5	57.7%	End Design Support Phase (D/B)	Dec-13	Nov-14	48
<b>TOTAL</b>	<b>\$1,141.4</b>	<b>\$1,053.4</b>	<b>92.3%</b>	<b>Right-of-Way</b>			
				ROW Certification	Dec-13	Nov-14	48
<b>AREAS OF CONCERN</b>				<b>Construction</b>			
Verizon Vault Permanent Replacement at Ovada Place-MOU CoLA/LACMTA Utility Encroachment Exception Approval by Caltrans Fact-Sheet Approval by Caltrans				Opening of SB I-405 Realignment	May-14	May-14	Complete
				Substantial Completion	Aug-14	Nov-14	16
<b>ROW ACQUISITION (Caltrans)</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
PARCELS AQUIRED			66	Traffic Signals and Lighting work Completion Landscaping and Irrigation work Completion Project Wide Substantial Completion - End of November 2014 Project Wide Punchlist Work Begins - End of November 2014			
PARCELS NOT AQUIRED (Salvation Army-Litigation Pending)			1				
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>				