



## **Cost & Schedule Performance Summary Chart**

Slide #	Project	Cost Performance	Schedule Performance	Comments
3	Crenshaw/LAX	OK	<b>\rightarrow</b>	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	OK	OK)	
5	Regional Connector	OK	<b>\rightarrow</b>	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	<u> </u>	<u> </u>	Request is being submitted to the Board to increase the project budget by \$90 million
7	Universal City Pedestrian Bridge	OK	○K	
8	MOL to MRL North Hollywood Connector	<b>A</b>	OK	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	OK	OK	
10	Patsaouras Plaza	OK	OK	
11	Division 13	OK	<b>◇</b>	Since last month completion has slipped two weeks, with final completion now scheduled for July 6, 2015.
12	P3010 Rail Car Vehicle Procurement	OK	OK OK	
13-14	Gold Line Foothill Ext.	OK OK	OK	Metro is considering early acceptance of Maintenance & Operating Facility.
15-16	Expo Phase II	OK	OK	









# **Crenshaw/LAX Transit Project**





Total Cost (\$ mil.)

Current Original **Forecast** 1.749 2,058 2,058

No issues to report.



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 \( \psi \)
- New 96<sup>th</sup> street station cost and schedule potential impacts (Medium risk  $\Longrightarrow$ )
- Potential for added scope to the project due to community demands (Low risk )
- Construction operations exceeding allowable noise levels (Low risk )



On target

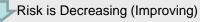


Possible problem



















## Westside Purple Line Extension - Section 1

(La Cienega)



Total Cost\* (\$ mil.) Original Curl 3,149

Original Current Forecast 3,149 3,149

No issues to report.

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

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.

### **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













<sup>\*</sup> FFGA scheduled completion

## **Regional Connector**



**BUDGET** 

Total Cost\* (\$ mil.)

Original Current **Forecast** 1,460 1,460 1,460

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



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 1).
- 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 1).



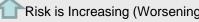


Possible problem







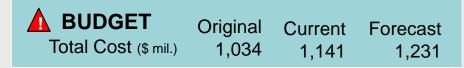






<sup>\*</sup> Includes Board approved Life-of-Project Budget, plus Planning and Finance costs.

# I-405 Sepulveda Pass Improvement Project



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

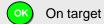
**A** SCHEDULE Original Current\* Forecast\* Con. Complete May 2013 Mar 2014 April 2015

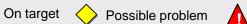
 Due to the complexity of the project, the substantial completion close-out process is taking longer than anticipated.

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

### **POTENTIAL RISKS**

- Wall 1985 design not in conformance with Caltrans Specs (High Risk 1)
- 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 ).

















# **Universal City Station Pedestrian Bridge**



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 \_\_\_\_)



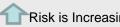


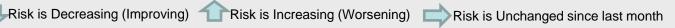
On target Open Possible problem













## **MOL to MRL North Hollywood Connector**



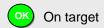
Requesting approximately \$1.1 million increase in LOP budget to cover the costs for three (3) new Ticket Vending Machines (TVMs), Fare Gates, and the Construction Management **Services Costs** 



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 )

















## **Metro Blue Line Station Refurbishments**



No issues to report.



- 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 ).

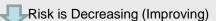


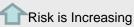


On target Opossible problem Major issue













# **Patsaouras Plaza Busway Station**



**BUDGET** Total Cost (\$ mil.) Original Current Forecast 17 31 31

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

**SCHEDULE** 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 1).
- Potential budget impacts due to: Preliminary Engineering design errors/omissions and potential change cost exposure. (High risk 1).
- 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 ).

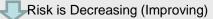


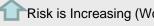




On target Possible problem Major issue











# **Division 13 Bus Maintenance Facility**





No issues to report



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 ...).

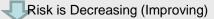




On target Possible problem Major issue













## P3010 Rail Car Vehicle Procurement



**BUDGET** 

Total Cost (\$ mil.)

\*Original \*\*Current \*\*Forecast \$342 \$739 \$739

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

SCHEDULE 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 ).



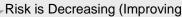


On target On target

















## **Gold Line Foothill Extension (Phase 2A)**





No issues to report.



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

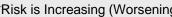
















## Gold Line Foothill Extension (Phase 2A)



## RECENT ACTIVITIES/ISSUES

- Construction is approximately 91% complete
- Civil work complete
- Track installation compete
- 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**





Original Current **Forecast** 1,511 1,511 1,511

No issues to report.



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 ).





On target Possible problem Major issue





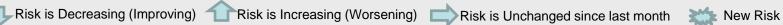














## **Exposition Phase II**



## **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.





LOCATION: Crenshaw Blvd at Exposition to Green Line DESIGN/CONSULTANT: Hatch Mott MacDonald

CONSTRUCTION MANAGEMENT CONSULTANT: Stantec CONTRACTOR: Walsh-Shea Corridor Constructors (WSCC)

PROJECT PHOTO: MLK Station decking operations

### WORK COMPLETED PAST MONTH:



- o WSCC continued final design.
- o WSCC continued pile installation for UG#1 near LAXairport runways.
- o WSCC commence abutment piles at Century Station Bridge.
- o WSCC continued pile installation at Vernon Station.
- o WSCC commenced and completed street decking at MLK Station.
- o WSCC continued utility support in place under street decking at Expo
- o Metro continued real estate acquisitions with focus on partial-takes and temporary construction easements.
- o Metro opened proposer's bids for Division 16: Southwestern Yard, IFB (2009)

## EXPENDITURE STATUS

### SCHEDULE ASSESSMENT

(\$ In Millions)	(\$ in Millions)									
	С	URRENT	Ð	(PENDED	PERCENT	MAJOR SCHEDULE	PRIOR	CURRENT		
ACTIVITES	E	BUDGET	Α	MOUNT	EXPENDED	ACTIVITIES	PLAN	PLAN	VARIANCE WEEKS	
			(C	Ï		Environmental				
DESIGN	\$	136.7	\$	98.3	71.9%	FBS/FBR	Sep-11	Sep-11	Complete	
						Record of Decision	Dec-11	Dec-11	Complete	
RIGHT-OF-WAY	\$	127.4	\$	105.7	82.9%					
						Design				
CONSTRUCTION	\$	1,353.1	\$	294.0	21.7%	Preliminary Engineering	Nov-11	Nov-11	Complete	
						Final Design	Sep-15	Sep-15	On Schedule	
OTHER	\$	440.8	\$	98.6	22.4%					
						Right-of-Way				
TOTAL	\$	2,058.0	\$	596.5	29.0%	Full-take parcels available	Aug-14	Jan-15	Complete	
Note: cost expended as	of Fe	bruary 20	15.			Part-take and TCE parcels	Sep-15	Sep-15	On schedule	
						Construction				
AREAS OF CONCERN						D-B Notice to Proceed	Sep-13	Sep-13	Complete	
o Timely reviews of WSC Angeles, City of Inglewoo					of Los	D-B Substantial Complete	Oct-18	Jan-19	3.5 months behind	
o Third party relocations p	roir	to design-l	build	er's const	ruction.	Revenue Service Date	Oct-19	Oct-19	On schedule*	
o Mitigation, of design_builder's schedule delays										

- o Mitigation of design-builder's schedule delays. o LAWA's workwindows for design-builder near LAX.
- o New proposed 96th street station cost/schedule impacts.
- o Hobas sewerpipe support fromdeck beams at Expo Station.
- o Execution of Agreement with City of Inglewood.

The D-B Substantial Complete prior plan was modified by a 35 day concurrent delay contract modification in M arch 2015.

\*Note: Current Revenue Service Date includes a reduction in contingency.

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING	CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD
FULLTAKES	35	35	0	o WSCC complete utility support in place and commence excavation beyond depth of 21 feet at Expo Station. o WSCC commence utility support and excavation at MLK Station o WSCC complete pile installation and commence decking operation at
PARTIALTAKES	27	9	18	Vernon Station. o WSCC complete pile installation for UG#1 near airport runway. o WSCC commence falsework at Century Station Bridge.
TEMPORARY EASEMENTS	12	6	6	o Metro award Division 16: Southwestern Yard, IFB 00991.
TOTAL PARCELS	74	50	24	

LOCATION: Downtown Los Angeles

DESIGN CONSULTANT: Connector Partnership JV CONSTRUCTION MANAGEMENT CONSULTANT: ARCADIS CONTRACTORS: Pulice Construction, Inc. (C0981R) &

Regional Connector Constructors, Joint Venture (C0980)

#### C0980 Contract - Potholing at 2nd/Broadway Sts. Southside



#### WORK/ACTIVITY COMPLETED PAST MONTH

- · 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/Broadwaysite.
- 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.

### EXPENDITURE STATUS

### (\$ In Millions)

#### CURRENT EXPENDED PERCENT ACTIVITIES BUDGET AMOUNT EXPENDED DESIGN \$119.0 \$723 60.7 RIGHT-OF-WAY \$102.0 \$35.2 346 CONSTRUCTION \$966.1 \$137.4 OTHER \$272.9 \$56.8 20.8 TOTAL \$1,460.0 \$301.7 20.7% All parcels available

Current Budget reflects Board approved Life-of-Project Budget and does not include Finance Charges.

Note: Expended amount is through 02/28/2015

### SCHEDULE ASSESSMENT

MAJO ACTIV	R SCHEDULE TITIES	PERIOR PERIOD	CURRENT	VARIANCEWEEKS
<b>Envir</b>	onmental		15	
FBS/	FEIR	N/A	04/26/12	Complete
Desig	jn			
PENo	tice to Proceed	N/A	01/04/11	Complete
Final	Design complete	04/07/16	04/07/16	0

### Right-of-Way

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.

O

06/01/16 06/01/16

Construction - Design / Build Contract

CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD

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

#### AREAS OF CONCERN

- NEPA Law suits could potentially delay the construction of C0980 Contract on How er Street.
- The NEPA trial concluded on Feb. 24, 2014. In an order issued on May 29, 2014, Judge Kronstadt concluded the FEIS 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 Flow er 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

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

- · 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 Strom Drain at various locations upon receiving ROE letter from LATimes.
- 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.

### WESTSIDE PURPLE LINE EXTENSION SECTION 1 PROJECT

LOCATION: Los Angeles / Beverly Hills

DESIGN CONSULTANT: Parsons / Brinckerhoff

CONSTRUCTION MANAGEMENT CONSULTANT: WEST, a Joint Venture

CONTRACTOR: Skanska, Traylor and Shea, a Joint Venture

#### Wilshire/Fairfax Power Relocations





- Continuing real estate acquisitions
- C1045 Design/Build: Final design underway for four of six design units
- C1045 Design/Build: TBM General Arrangement Drawings received and approved
- C1045 Design/Build: Received Baseline Schedule, under review
- C1045 Design/Build: Design Quality Manual approved
- C1055 Wilshire/Fairfax AUR: Waterline east of Fairfax
- C1056 Wilshire/La Cienega AUR: Submittals and material procurement underway

## EXPENDITURE STATUS (\$ In Millions)

### SCHEDULE ASSESSMENT

(\$ in Millions)							
ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
				Environm ental			
DESIGN	\$157.7	\$66.2	42.0%	FEIS/FEIR	N/A	05/31/12	Complete
				·		F.	
RIGHT-OF-WAY	\$175.6	<b>\$</b> 95.8	54.6%				
				Design			
CONSTRUCTION	\$1,737.4	\$70.7	4.1%	PE Notice to Proceed	N/A	01/12/11	Complete
				Final Design complete	03/22/17	03/22/17	0
OTHER	\$1,078.7	<b>\$</b> 77.3	7.2%				
				Right-of-Way			
TOTAL	\$3,149.4	\$310.0	9.8%	All parcels available	12/31/15	12/31/15	0
Current Budget includes Envir	ronmental/Planr	ning and Financ	e Costs.				
				Construction - Main D	esian / Build	Contract	

### AREAS OF CONCERN

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. Aw aiting Court of Appeal's 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 - Main Design / Build Contract

Notice to Proceed	01/12/15	01/12/15	0
Construction complete	11/08/23	11/08/23	0

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING	CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD
				- C1045 Design/Build: Planning & major submittal development
PERMANENT PARCELS	17	3	14	- C1045 Design/Build: TBM procurement
				- C1045 Design/Build: Wilshire/Western TBM Shaft 60% final design submittal
TEMPORARY PARCELS	1	0	1	- C1045 Design/Build: La Brea North site preparation
				- C1045 Design/Build: Wilshire/Crenshaw Yard site preparation
				- C1055 Wilshire/Fairfax AUR: Water line construction east of Fairfax
				- C1056 Wilshire/La Cienega AUR: Construction mobilization and potholing
TOTAL PARCELS	18	3	15	- C1045 Design/Build: Geotechnical & surveying field work

I-405 SEPULVEDA PASS I	MPROVEMI	ENTS PROJ	ECT	As of March 2015				
LOCATION: I-405 Sepulveda Pa	ass Improver	nents Projec	:t	CONSTRUCTION III ANAGEII ENT CONSULTANT: Stantec				
DESIGN/CONSULTANT: Kiewit	(D/B)			CONTRACTOR: Kiewit (D/B)				
PROJECT PHOTO	•			WORK COMPLETED PAST MONTH	ı			
Bridges 1 & 2 at Pico Blvd.								
				Irrigation and Landscaping installation     Retaining Wall 2011 Slope Stabilization continues     Project Completion Walk Through w ith Contractor and Caltrans continue     Contractor Correcting Non-Conforming w ork on Barriers, Walls and ADA Ramp				
EXPENDITURE STATUS				SCHEDULE ASSESSM ENT				
(\$ In Millions)	CURRENT	EXPENDED	PERCENT	MAJOR SCHEDULE	PRIOR	CURRENT	VARIANCE	
ACTIVITIES	BUDGET	AMOUNT	EXPENDED	ACTIVITIES	PLAN	PLAN	W⊞KS	
				Environmental	·			
DESIGN (Preliminary) (PA&ED/PS&E)	\$47.0	\$47.0	100.0%	End Environmental Phase (PA&ED)	Mar-08	Mar-08	Complete	
RIGHT-OF-WAY (Capital/Support/3rd Party)	\$108.7	\$68.8	63.3%					
CONSTRUCTION	\$983.1	\$978.9	99.6%	Design				
(Construction Support/Construction)  Reversible Lane	\$2.6	\$1.5	57.7%	End Design Support Phase (D/B)	Mar-15	Apr-15	4	
Reversible Lane	\$2.0	\$1.0	31.170					
TOTAL	\$1,141.4	\$1,096.2	96.0%	Right-of-Way				
				ROW Certification	Mar-15	Apr-15	4	
AREAS OF CONCERN	A/-E-			Construction				
Cracks in Retaining Walls/Soil Nail \ Barrier Rails not per Standard	/vais			Opening of SB I-405 Realignment	May-14	May-14	Complete	
				Substantial Completion	Mar-15			
Wall 2004 CMS at Getty Center				,				
Deficiencies/Leaks at Bridges 10,	11 20 8 22							
Slopes Greater than 2:1 at 1985, 1		D11						
GSA Restoration	30071, 2001, 21	<b>, , ,</b>						
CON NESTONATION								
ROW ACQUISITION (Caltrans)								
PARCELS AQUIRED			66	CDITICAL ACTIVITIES 12 NOVEMBER	I OOK AUEAD			
PARCELS NOT AQUIRED (Salvation	n Army-Litigatio	on Pending)	1	CRITICAL ACTIVITIES / 3 M ONTH  Project Wide Substantial Completion		N15		
DECERTIFIED PARCELS			12	Project Wide Substantial Completion - End of April 2015  Project Wide Punchlist Work Begins - End of April 2015				
PAST DUE WITH NO APPARENT SO	CHEDULE IMPA	СТ	0	I discinst from Dogils	and Or April 20	- 10		
ADDITIONAL IMPACTS REQUIRING	APPRAISAL M	MPS .	0					
7	OTAL REQUIR	SED PARCELS	79					
	O INC INDUM	TO I VIOLES	1					

### **METRO DIVISION 13**

LOCATION

### **Bus Maintenance and CNG Fueling Facility**

### As of March 2015

MARRS

**McCarthy** 

Los Angeles DESIGN CONSULTANT: MDG CONTRACTOR: **PROJECT PHOTO CNG Facilty on Metro Drive** WORK COMPLETED PAST MONTH Completed Artwork structural steel erection on west side of building Continued work installing elevators Continue fire alarm systems through buildings Continue interior build out of dry wall, sprinklers and MEP Continue sack and patch of concrete at upper levels Continue stair installations throughout buildings

· Continue installation of roofing systems

CONSTRUCTION MANAGEMENT CONSULTANT:

- Continue installation of lift equipment
- Continue installation of City C&G plus sidewalks along Cesar Ave
- Connected Fiber Optic communication cables from USG building

#### Continue interior finishes in Transporation Building **EXPENDITURE STATUS** SCHEDULE ASSESSMENT (\$ In Millions) CURRENT EXPENDED PERCENT MAJORSCHEDULE PRIOR CURRENT VARIANCE BUDGET AMOUNT EXPENDED **ACTIVITIES ACTIVITIES PLAN** PLAN (W⊞KS) **Environm ental** DESIGN 6.593 6.593 Dec-09 A Dec-09 A 100.0% Categorical Exemption Complete Design Oct-09 A Oct-09 A **RIGHT-OF-WAY** Final Design Complete 0 0 CONSTRUCTION 88.88 77.59 87.4% Right-of-Way Not Applicable n/a n/a n/a OTHER 24.95 19.43 77.9% TOTAL 86.1% 120.34 103.61 Construction Complete Notice to Proceed Jul-12 A Jul-12 A Expenses as of 2/28/2015 Construction Complete Jun-15 Jul-15 **CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD AREAS OF CONCERN** Perform load test on post tensioned concrete structural beam Installation of owner supplied furnature • Improvements and widening of Cesar Chavez Ave Improvements and widening of Cesa Chavez Ave

- · Permanent pow er CNG yard & equipment
- . Low voltage, ITS, communication, etc. installation by Metro
- Artw ork lantern secondary structural steel fabrication/erection
- Installation of the electrical systems throughout the buildings

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING
PERMANENT PARCELS	0	n/a	0
TEMPORARY PARCELS	0	n/a	0
TOTAL PARCELS	0	n/a	0

- Installation of the artwork lantern conduits & lighting
- Complete installation of natrual gas meter by SCG for CNG facility
- Install the elevators and get State inspection
- Complete power connections to all building
- Complete the installation of roof systems on all buildings
- Pave all hard surface areas and roads onsite
- Continue installation of mechnical, electical and plumbing
- Install frames, doors, hardware and window glazing
- Start commissioning of the MEP systems
- Instatllaion of the communication and ITS systems by Metro
- Continue installation of photovoltaic panels