Project Budget And Schedule Status Report

Presented by
Brian Boudreau
Executive Director, Program Management

Construction Committee July 16, 2015



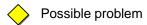


Cost & Schedule Performance Summary Chart

Slide #	Project	Cost Performance	Schedule Performance	Comments
3	Crenshaw/LAX	OK	\rightarrow	The design-build contractor is currently reporting that they are 123 calendar days behind schedule; however mitigation plans are being developed to reduce this delay.
4	Westside Purple Line Extension-Section 1	OK	OK	
5	Regional Connector	\rightarrow	\rightarrow	Project cost analysis is being performed to evaluate adequacy of project contingency. Differing site conditions and design review delay leading to resubmittals have impacted scheduled completion of AUR contract.
6	I-405 Sepulveda Pass Improvements Project	<u> </u>	\rightarrow	Interim forecast increase of \$115 million due to merited provisional sums, settled claims, 3rd Party/MCA, arbitration costs, Caltrans support & other professional services. Does not include Claim 86.
7	Universal City Pedestrian Bridge	OK	\rightarrow	Potential schedule delay due to late escalator delivery, structural steel delivery and other requirements.
8	MOL to MRL North Hollywood Connector	OK	OK	
9	Metro Blue Line Station Refurbishments	OK	OK	Currently 3+ months ahead of schedule.
10	Patsaouras Plaza	^	\rightarrow	Change order requested for design error/tunnel conflict and other issues. Negotiations in progress. Schedule delayed due to permitting, environmental, and ROW issues with Caltrans.
11	Division 13	OK	<u> </u>	Delays due to issues with the ventilation system and other punch list items.
12	P3010 Rail Car Vehicle Procurement	OK	OK	
13-14	Gold Line Foothill Ext.	OK	OK	
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.



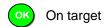
Rev. Operation

Original Current Forecast Dec 2018 Oct 2019 Oct 2019

The design-build contractor is currently reporting that they are 123 days behind schedule, however mitigation plans are being developed to reduce this delay.

POTENTIAL RISKS

- Design-builder's ability to mitigate schedule delays. (High risk).
- Third party relocations prior to design-builder's construction. (High risk).
- New 96th street station cost and schedule potential impacts. (Medium risk).
- Timely future reviews of design-builder's design submittals by City of Los Angeles. (Medium risk).
- LAWA's work window availability for design-builder to construct underground structure in front of LAX runways. (Low risk).





Possible problem



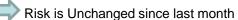














Westside Purple Line Extension – Section 1 (La Cienega)



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

No issues to report.

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

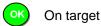


 Design-Build Contractor has received the necessary permits from the City of Beverly Hills to begin design survey and geotechnical investigations within the Wilshire/La Cienega Station area.

* FFGA scheduled completion

POTENTIAL RISKS

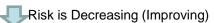
- Resolution of stakeholders' issues regarding the Division 20 MOW/NRV Building (Low risk).
- Adequate staffing (Med risk).
- CEQA lawsuits have concluded with the Judge's ruling in favor of Metro's position on the Beverly Hills Unified School District and the City of Beverly Hills lawsuits. Beverly 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 filed its opposition briefs on April 13, 2015. Petitioners' reply briefs were filed on May 8, 2015. Court of Appeal to schedule the oral argument. (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).

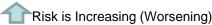


Possible problem













Regional Connector



♦ BUDGETOriginalCurrentForecastTotal Cost* (\$ mil.)1,4671,4671,467

 Project cost analysis is being performed to evaluate adequacy of project contingency.

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



 Differing site conditions and re-design leading to resubmittals have impacted AUR scope of work.

* FFGA scheduled Revenue Service Date (RSD).

POTENTIAL RISKS

- AUR contract was Terminated for Convenience and Metro Board approved transfer of remaining AUR work to Design-Build contract on April 30, 2015. Mitigation measures and close schedule coordination efforts are being implemented and alternative plans are being evaluated by RCC, DWP and Metro (High risk).
- NEPA Law suits could potentially delay the construction of Design-Build Contract on Flower Street. MTA and FTA completed SEIS (Supplemental Environmental Impact Status) and issued it for public comments on June 12, 2015. Finalization of SEIS is expected by August 2015, after addressing public comments (Med. Risk).
- Adequate Staffing (Med risk).





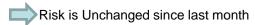


Possible problem



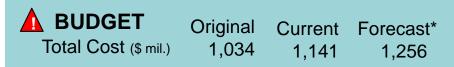








I-405 Sepulveda Pass Improvement Project



- Interim forecast increase of \$115 million reflects increases to the following items:
 - Merited Provisional Sums •
 - **Merited Claims**
 - 3rd Party/MCA
 - Arbitration costs
 - *Does not include Claim 86

Caltrans support

& other

Professional

Services

SCHEDULE Original Current **Forecast** Project Complete May 2013 Sep 2015 Sep 2015

- The substantial completion close-out process is taking longer than anticipated due to the complexity of the project and unresolved issues
- Kiewit submitted their Application for Substantial Completion on 6/26/15

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).
- Slope paving under Bridges (Medium Risk)
- Additional Caltrans and Professional Services costs (Medium Risk).

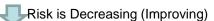


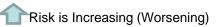


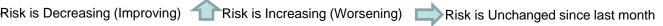
On target Possible problem













Universal City Station Pedestrian Bridge



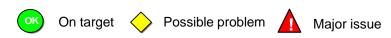


No issues to report.

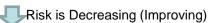
Potential schedule delay due to late escalator delivery, structural steel delivery and other requirements.

POTENTIAL RISKS

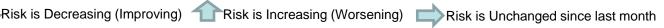
- The overall schedule is likely to be delayed slightly due to delay in escalator delivery, delay in structural steel delivery, and the restricted construction periods and the Traffic Control requirements. (High risk 🐃)
- Current change order projection is very close to the approved CMA. Any significant change order during the remainder construction could exceed the available CMA (High Risk ***)
- Contractor's claim for escalator cost compensation has been rejected (Low Risk ***)













MOL to MRL North Hollywood Connector



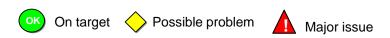


No issues to report.

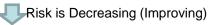
No issues to report.

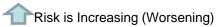
POTENTIAL RISKS

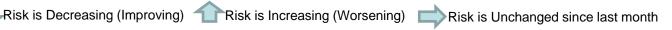
Unforeseen site conditions during underground construction (Medium risk).





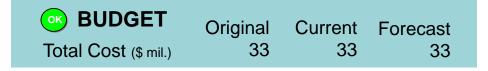








Metro Blue Line Station Refurbishments



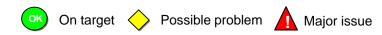


No issues to report.

- 18 out of 21 stations completed
- Currently 3+ months ahead of schedule

POTENTIAL RISKS

- Limited construction window for each station (High risk).
- Bus bridge cost (High risk 🔷).
- Contractor lost time claim due to Metro Rail Operations not able to provide the planned work time frame (High risk).













Patsaouras Plaza Busway Station



BUDGET Original Current Forecast 17 31 37.6 Total Cost (\$ mil.)

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

SCHEDULE Original Current **Forecast** June 2014 Mar 2017 Mar 2017 **Project Complete**

Schedule for construction start and final completion delayed due to right-of-way, environmental, and permitting issues with Caltrans. Risk high for further delay.

POTENTIAL RISKS

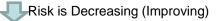
- Environmental issues with soil and groundwater could lead to additional investigations and delays (High risk \(\bigs\)
- Processing encroachment permit application for CCTV inspections, traffic control within State ROW, and ROW certifications (High risk \$\square\$).
- Potential budget impacts due to: Preliminary Engineering design errors/omissions and potential change cost exposure. (High risk).
- Timely approval of final design drawings through Caltrans (Medium risk).
- Potential unforeseen and difficult underground conditions during construction of bridge foundations (Medium risk).
- Relocation of fiber optics communication lines prior to construction (Low risk).

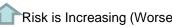


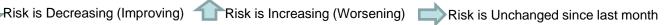


On target Possible problem Major issue











Division 13 Bus Maintenance Facility



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

No issues to report

A SCHEDULE Original Current **Forecast** Project Complete July 2014 July 2015 Sept 2015

Delays due to issues with ventilation system and other punch list items.

POTENTIAL RISKS

- Timely closeout of punch list items (Medium risk ***).
- Design errors and changes during interior construction (Low risk1).
- Timely installation of new Metro Drive traffic signal (Low risk).

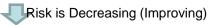


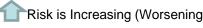


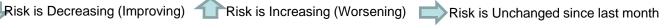


Possible problem











P3010 Rail Car Vehicle Procurement



BUDGET

Total Cost (\$ mil.)

\$342

*Original **Current **Forecast \$972 \$972

SCHEDULE Original Current Forecast Feb 2019 Final Acceptance Jan 2017 Feb 2019

- *Budget for 78 Base Order Cars
- **Budget for 97 Options 1 & 4 Cars and 60 Options 2 & 3 Cars
- Board approved an LOP Budget increase of \$263 million in April to exercise Options 2 & 3

No issues to report.

POTENTIAL RISKS

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





Possible problem

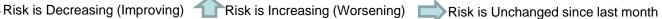


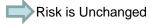














Gold Line Foothill Extension (Phase 2A)





SCHEDULE Original Current **Forecast** Rev. Operation Nov 2016 May 2016 Mar 2016

No issues to report.

Metro has agreed to early acceptance of Maintenance & Operating Facility.

POTENTIAL RISKS

 Metro is assessing operational scenarios related to opening of this project by March 2016 (Low risk \(\bigcup_{\cup}\).





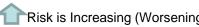
On target Possible problem

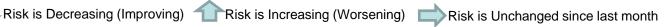














Gold Line Foothill Extension (Phase 2A)



RECENT ACTIVITIES/ISSUES

- Construction is approximately 96% complete
- Civil work complete
- Track installation compete
- Architectural work at stations near complete
- Systems
 - OCS complete
 - Train control system complete
 - Communications system complete
- Maintenance Facility
 - Obtained certificate of occupancy
 - Began turnover process
- Testing
 - Continue systems integration testing (SIT)
 - Continue communications local field acceptance testing (LFAT)
- Continue punch list development



Exposition Phase II





SCHEDULE Current Forecast Original Apr 2016 Apr 2016 Rev. Operation Nov 2016

No issues to report.

No issues to report.

POTENTIAL RISKS

- Delays associated with Trackwork, systems installation and testing, Maintenance Facility) (Med risk
- Delay in energizing the Traction Power Substation at the OMF(Low risk).
- Metro is assessing operational scenarios related to opening this project by April 2016 (Low risk

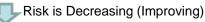


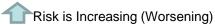


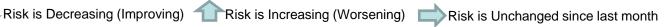
On target Possible problem













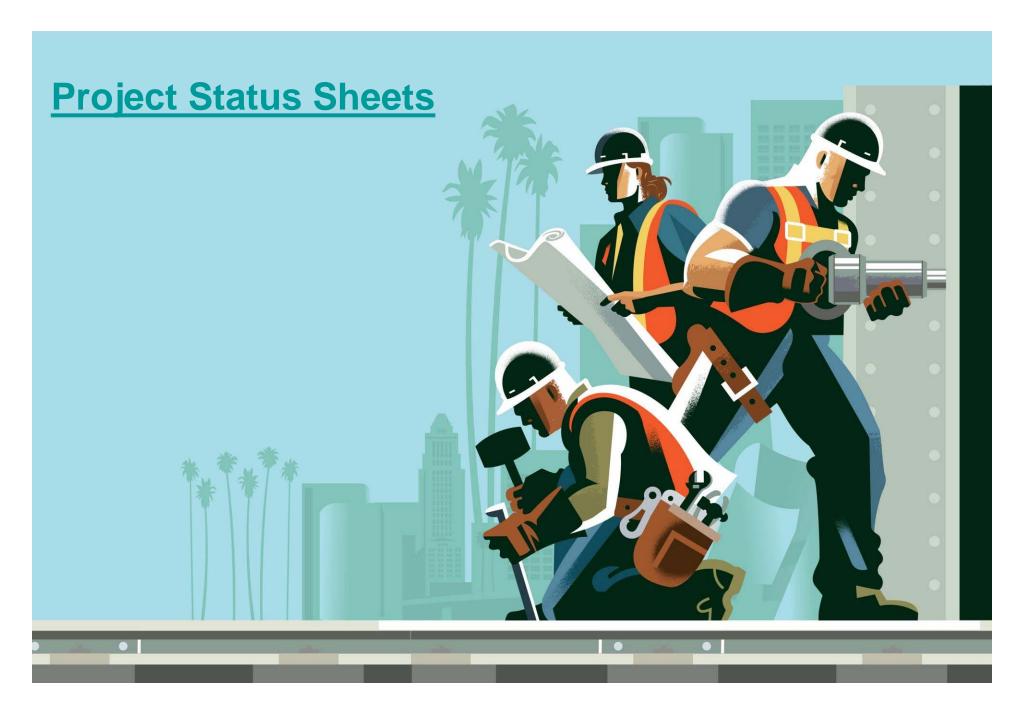
Exposition Phase II



RECENT ACTIVITIES/ISSUES

- Design is 99% complete and construction 93% complete
- The mainline and OMF contracts are forecasting Substantial Completion dates of Dec 1 and Nov 4 respectively.
- The contractors, Metro and Expo are working to develop interim milestones that will allow for Pre-Revenue operations to begin in the Fall 2015 timeframe.
- The contractor experienced larger than expected settlement at one of the MSE wall locations due to an extensive clay layer.
 - The contractor is initializing 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.







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: Vernon Station – Overall view of the decking operation looking south

WORK COMPLETED PAST MONTH:



- Continued final design.
- o Completed pile installation for UG#1 near LAX airport runw ays.
- o Continued falsew ork installation for bridge decking at Century Station.
- Completed decking for 104th Street grade separation at underground guideway No. 1 near LAX runways.
- o Continued pile installation at UG#4 on Crenshaw Blvd.
- o Completed decking operation on Crenshaw Blvd at Vernon Station.
- o Completed utility support under deck at MLK Station.
- o Continued tier two strut installation and began excavation to tier three level at Expo Station.
- o Issued notice to proceed for Division 16: Southwestern Yard.
- o Continued real estate acquisitions with emphasis on remaining partial-takes and temporary construction easements.

EXPENDITURE STATUS (\$ In Millions)

SCHEDULE ASSESSMENT

(\$ in Millions)										
	С	URRENT	Ð	PENDED	PERCENT	MAJOR SCHEDULE	PRIOR	CURRENT		
ACTIVITIES		BUDGET	AMOUNT		EXPENDED	ACTIVITIES	PLAN	PLAN	VARIANCE WEEKS	
						Environmental				
DESIGN	\$	136.7	\$	103.9	76.0%	FBS/FBR	Sep-11	Sep-11	Complete	
						Record of Decision	Dec-11	Dec-11	Complete	
RIGHT-OF-WAY	\$	127.4	\$	108.8	85.4%		•			
						Design				
CONSTRUCTION	\$	1,353.1	\$	341.8	25.3%	Preliminary Engineering	Nov-11	Nov-11	Complete	
						Final Design	Sep-15	Nov-15	2.9 months behind	
OTHER	\$	440.8	\$	110.1	25.0%					
						Right-of-Way				
TOTAL	\$	2,058.0	\$	664.5	32.3%	Full-take parcels available	Jan-15	Jan-15	Complete	
Note: cost expended as	of Ma	ay 30, 201	5.			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 Third party relocations	nrior	to design-	build	er's const	ruction	D-B Substantial Complete	Oct-18	Feb-19	4.2 months behind	
o Design-builder's ability	•	_			COUCH.	Revenue Service Date	Oct-19	Oct-19	On schedule*	
o Timely review of WSC	C's de	esign subm	ittak	by City of	f Los Angeles.		•	•	•	

- O Timely Teview of WSCUS design submittals by City of Los Angeles
- o 96th street station cost and schedule potential impacts.

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
FULL TAKES PARTIAL TAKES	35 27	35 16	0	o Continue excavation to next levels at Expo and MLK Stations. o Commence support of utilities and excavation at Vernon Station. o Continue working on Century, Imperial, La Brea and Manchester aerial structures. o Continue pile installation at UG#4 on Crenshaw Blvd o Commence pile installation for UG#3 on Crenshaw Blvd o Continue excavation of UG#1 near airport runway.
TEM PORARY EASEM ENTS	12	11	1	
TOTAL PARCELS	74	62	12	

LOCATION: Los Angeles / Beverly Hills DESIGN CONSULTANT: Parsons / Brinckerhoff

CONSTRUCTION MANAGEMENT CONSULTANT: WEST, a Joint Venture

CONTRACTOR: Skanska, Traylor and Shea, a Joint Venture

Duct Bank Wilshire West of Ogden



WORK COMPLETED PAST MONTH

- Continuing real estate acquisitions
- C1045 Design/Build: Final design underway for five of six design units
- C1045 Design/Build: Final stages of Baseline Schedule development
- C1045 Design Build: Wilshire/Western TBM shaft 85% design underway
- C1045 Design/Build: Wilshire/La Brea SOE 85% design package revisions underw ay
- C1045 Design/Build: Wilshire/La Brea utility relocation design 100% complete
- C1045 Design/Build: Wilshire/La Brea Station 60% design underway
- C1045 Design/Build: Tunnel & systems 60% design underway
- C1055 Wilshire/Fairfax AUR: Waterline and power work continues
- C1056 Wilshire/La Cienega AUR: Pow er utility and sanitary sew er relocations on Wilshire continues

EXPENDITURE STATUS (\$ In Millions)

SCHEDULE ASSESSMENT

(4 III MIIIIOIIS)							
ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
				Environmental			
DESIGN	\$157.7	\$79.0	50.1%	FBS/FBR	N/A	05/31/12	Complete
RIGHT-OF-WAY	\$175.6	\$109.8	62.5%				
				Design			
CONSTRUCTION	\$1,737.4	\$181.7	10.5%	PE Notice to Proceed	N/A	01/12/11	Complete
				Final Design complete	03/22/17	03/22/17	0
OTHER	\$1,078.7	\$82.2	7.6%		•		
				Right-of-Way			
TOTAL	\$3,149.4	\$452.7	14.4%	All parcels available	12/31/15	12/31/15	0
Current Budget includes Env	ironmental/Planr	ing and Financ	e Costs.		· · · ·		
				Construction - Main D	esign / Build	Contract	
AREAS OF CONCERN		•		Notice to Proceed	01/12/15	01/12/15	Complete
Timely recolution of the CEO	A and M⊡M law	cuite CEOA	udao rulod in	Canada ation annuals	44/00/02	44/00/02	

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. Judge to schedule oral argument. U.S. District Court Judge has taken the December 2014 hearing for summary judgment off the calendar and has yet set a new date.

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

and has you see a new date.				
ROW ACQUISITION	PLAN	AVALABLE	REMAINING	CRITICAL ACTIVITIES / 3 M ONTH LOOK AHEAD
				- C1045 Design/Build: Final design continuing
PERMANENT PARCELS	15	4	11	- C1045 Design/Build: TBM procurement
				- C1045 Deign/Build: Wilshire/La Brea utility w ork to begin
TEMPORARY PARCELS	4	2	2	- C1045 Design/Build: Wilshire/La Brea North site preparation and demo
				- C1055 Wilshire/Fairfax AUR: Power work complete MS#2
				- C1055 Wilshire/Fairfax AUR: Water line construction continuing
TOTAL PARCELS	19	6	13	- C1056 Wilshire/La Cienega AUR: Power relocation work continuing

LOCATION: Downtown Los Angeles

DESIGN CONSULTANT: Connector Partnership JV CONSTRUCTION MANAGEMENT CONSULTANT: ARCADIS

CONTRACTORS: Regional Connector Constructors, Joint Venture

Soldier Pile installation at Mangrove Yard by RCC

WORK/ACTIVITY COMPLETED PAST MONTH



- SES was issued for public comments on June 12, 2015.
- DB overall contract is 21 % complete as of the end of June 2015
- The overall final design is 72% complete as of the end of June 2015.
- AFC Design for Shoofly has been approved.

SCHEDULE ASSESSMENT

• RCC completed pile installation for TBM Launch Pit at the Mangrove Yard.

EXPENDITURE STATUS

(\$ In Millions)

MAJOR SCHEDULE VARIANCE WEEKS CURRENT **EXPENDED** PERCENT PRIOR CURRENT EXPENDED **ACTIVITIES PERIOD** ACTIVITIES BUDGET AMOUNT PLAN Environmental DESIGN FEIS / FEIR NΑ 04/26/12 Complete \$119.1 \$90.6 76.1% SES Flow er St. NΑ 08/31/15 In Progress \$47.5 RIGHT-OF-WAY \$102.0 46.6% **Design** 01/04/11 PE Notice to Proceed NΑ Complete 04/07/16 20.3% Final Design complete 05/23/16 CONSTRUCTION \$1,010.3 \$204.9 Note: Based on the latest approved D/B Contractor's schedule, The Systems Design 27.8% Package was delayed by seven weeks. OTHER \$228.6 \$63.6 Right-of-Way TOTAL \$1.460.0 \$406.6 27.9% All parcels available 06/01/16 06/01/16

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

Note: Expended amount is through May 2015.

Note: ROW dates are adjusted to reflect the latest D/B Contractor's coordinated need Dates.

Construction - Design / Build Contract

Notice to Proceed	07/07/14	07/07/14	Complete
Construction complete	08/28/20	9/23/20*	4
Revenue Service Date	10/27/20	11/22/20*	4

Note: * Based on the Board Meeting in April 2015, the project is reflecting six months potential delay due to additional AUR work transferred to CO980 Contract.

AREAS OF CONCERN

- NEPA Law suits could potentially delay the construction of Design-Build Contract on Flow er Street, MTA and FTA completed SEIS (Supplemental Environmental Impact Statement) and issued it for public comments on June 12, 2015. Finalization of SBS is expected by August 2015, after addressing public comments.
- Advanced Utility Relocation (AUR) work have been delayed. Metro Board approved transfer of remaining AUR work to C0980 on April 30, 2015. Mtigation measures and close schedule coordination efforts are being implemented and alternative plans are being evaluated by RCC, DWP and Metro. Utility relocations plans are being developed at all locations to mitigate schedule delays.

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

CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD

- RCC will continue Potholing Wye Structure at 1st/Alameda.
- RCC started 12" and 16" DWP waterline relocation at 1st/Central.
- RCC continues potholing for a 24" water line alignment on Flower.
- RCC will begin preparation for AT&T and MCl communication low ering at 2nd/Broadway.
- RCC continues preparation of submittals and traffic control plans, including weekly meetings with LADOT and City Council District 14.
- RCC continues with pre-trenching and utility potholing at 2nd/Broadway and Flower St. to identify existing utilities corridors for the remaining ductbank work
- Level 3 and Verizon Business/MCI are planning to complete remaining work, cable pulling and splicing on Flower St.
- RCC started installation of electrical vault on 5th/Flower.

LOCATION: I-405 Se pulveda Pa	ss Improven	nents Projec	t	CONSTRUCTION MANAGEMENT CONSULTANT: Stantec						
DESIGN/CONSULTANT: Kiewit (D/B)				CONTRACTOR: Kiewit (D/B)						
PROJECT PHOTO				WORK COMPLETED PAST MONTH						
Aerial View of Sunset Interch	ange & Walls	1730 & 1720		- Contractor Correcting Non-Conform		arriers and	Walls			
				Performed SWPPP related activities Cleaned Caltrans purchased houses along right-of-way which were used by the Contractor during construction. Work on NB Getty On-ramp to remove demarcation cabinet and 2 pull boxes. Removed and replaced LED light from mast arm on SB Santa Monica On-ramp. Removed demarcation foundation and poured back sidew alk at Skirball Center Drive and Mulholland Drive. Hand graded, watered, and compacted the slope under Bridges 7 and 8 at GSA. Application for Substantial Completion June 26, 2015.						
EXPENDITURE STATUS				SCHEDULE ASSESSMENT						
(\$ In Millions)	CURRENT	EXPENDED	PERCENT	MAJOR SCHEDULE	PRIOR	CURRENT	VARIANCE			
ACTIVITES	BUDGET	AMOUNT	EXPENDED	ACTIVITES	PLAN	PLAN	WEEKS			
				Environmental		l				
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	\$78.4	\$71.9	91.7%							
(Capital/Support/3rd Party) CONSTRUCTION	\$1,013.4	\$994.2	98.1%	Design						
(Construction Support/Construction) Reversible Lane	\$2.6	\$1.5	57.7%	End Design Support Phase (D/B)	Sep-15	Sep-15	0			
TOTAL	\$1,141.4	•	97.7%			!	1			
IOIAL	\$1,141.4	Φ1,114.0	91.170	Right-of-Way						
				ROW Certification	Sep-15	Sep-15	0			
AREAS OF CONCERN										
Cracks in Retaining Walls/Soil Nail V	Walls (Case 1 a	and Case 2)		Construction	14 44	1444	0			
				Opening of SB I-405 Realignment	May-14		•			
				Substantial Completion	Sep-15	Sep-15	0			
ROW ACQUISITION (Caltrans)										
PARCELS AQUIRED			66	CRITICAL ACTIVITIES / 3 MONTH I	LOOK AHEAD					
PARCELS NOT A QUIRED (Salvation	ı Army-Litigatio	on Pending)	1	Project Wide Substantial Completion Acceptance - End of September 2015						
DECERTIFIED PARCELS	N ICTN II C 2 500	OT.	12							
PAST DUE WITH NO APPARENT SO ADDITIONAL IMPACTS REQUIRING.			0							
			70							
Т	OTAL REQUIR	HD PARCELS	19							

METRO DIVISION 13

TOTAL PARCELS

Bus Maintenance and CNG Fueling Facility

As of June 2015

Dus maintenance a	ila olto i a	enng i acm	Ly				AS OF BUILD 2013		
LOCATION:		Los Angeles		CONSTRUCTION IN ANAGEMENT CONSULTANT: MARRS					
DESIGN CONSULTANT:		MDG		CONTRACTOR: McCarthy					
PHOTO Artwork Lante	rn backlite at	night		WORK COMPLETED PAST MONTH					
				 Completed installation of Artwork Lantern lights Continued work commissioning elevators 3 of 3 accepted Continue testing fire alarm systems through buildings Continue interior build out of dry wall, sprinklers and MEP Continue sack and patch of concrete at upper levels Received trees for Vignes Street Completed installation of roofing membrane system Bld B Continue installation of permanent maintenance equipment Completed installation of City C&G, sidewalks along Cesar & Lyon Continue interior finishes in Transporation Building Completed installation of Artwork Lantern bird deterent 					
EXPENDITURE STATUS (\$ In Millions)				SCHEDULE ASSESSME	π				
Assertion .	CURRENT	EXPENDED	PERCENT	MAJOR SCHEDULE	PRIOR	CURRENT	VARIANCE		
ACTIVITES	BUDGET	AMOUNT	EXPENDED	ACTIVITIES	PLAN	PLAN	(W⊞KS)		
DESIGN	6.593	C E02	400.000	Environmental Catagorical Examples	Dec-09 A	Dec-09 A	Complete		
DESIGN	0.595	6.593	100.0%	Categorical Exemption	Dec-09 A	Dec-09 A	Complete		
				Design					
RIGHT-OF-WAY	0	0	n/a	Final Design	Oct-09 A	Oct-09 A	Complete		
CONSTRUCTION	88.8	82.63	93.1%	Right-of-Way					
				Not Applicable	n/a	n/a	n/a		
OTHER	24.95	20.77	83.2%						
TOTAL	120.34	109.99	91.4%	Construction					
	120.04	100.00	1 01.470	Notice to Proceed	Jul-12 A	Jul-12 A	Complete		
Expenses as of 5/31/201	5			Construction Complete	Oct-15	Jan-16	13		
AREAS OF CONCER	EN .			CRITICAL ACTIVITI	ES / 3 MOI	NTH LOOK	AHEAD		
Commissioning of MEP				Installation of owner	supplied fu	mature			
Lighting leveles in low e		ing garage Bld	В				of Cesa Chavez Ave by City		
Procure and install revi				 Grind & overlayAC payment plus stripping of Cesa ChavezAve by City Punch list entire project after Substantial Completion 					
• Low voltage, ITS, com	nunication, etc	. installation by	Metro	Procure & install VFD and Exhaust Fan lower level Bld B					
Approval of Fire Marsh	all to accept M	Besystems ⁻		Complete State inspection punch list for 1 of 3 elevators					
• Time to procure and ins	tall critical HV/	AC compenent	S	Complete permaner	nt stripping/I	oops on Ce	esar & Vignes Streets		
ROW ACQUISITION	PLAN	ACQUIRED	REMAINING	Have Fire Marshall p	unch list pr	oject			
PERMANENT PARCELS	0	n/a	0	Obtain Fire Marshall approval to place fluid products in lube tanks Obtain Fire Marshall approval to fuel emergency generator					
TEMPORARY PARCELS	0	n/a	0	Continue commision	btain Fire Marshall approval for systems to fuel CNG buses ontinue commisioning of the MEP systems				
				Continue installation of the communication/ ITS systems by Metro Commission photosyltain page 19					

• Commission photovoltaic panels