

Item 55

Transit Program Project Budget and Schedule Status Report

Construction Committee
April 17, 2014



Metro

Cost & Schedule Performance Summary Chart

Slide #	Project	Cost Performance	Schedule Performance	Comments
3	Crenshaw/LAX			
4	Westside Purple Line Extension			
5	Regional Connector			
6	I-405 Sepulveda Pass Improvements Project			Based on current cost trends, Project Contingency has dropped to less than 3% (2.2%) of project budget. A cost reforecast is underway.
7	Universal City Pedestrian Bridge			
8	MOL to MRL North Hollywood Connector			
9	Metro Blue Line Station Refurbishments			
10	Patsaouras Plaza			
11	Division 13			Severe underground obstructions and ground conditions are impacting cost and schedule of electrical undergrounding within Cesar Chavez. Quantification and negotiation of costs and delays is in progress. March 28, 2014 deck shoring failure will likely affect the schedule.
12	P3010 Rail Car Vehicle Procurement			Schedule is very aggressive and any impacts to critical activities could result in delayed deliveries-no schedule impact at this time.
13-14	Gold Line Foothill Ext.			
15-16	Expo Phase I			Forecast includes claim settlement with Phase 1 contractor, pending Board approval
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

- California Public Utilities Commission has approved 1 of 5 grade-separated crossings applications.
- Metro has turned over 26 of 35 permanent parcels for design-builder's construction use.

POTENTIAL RISKS

- Remaining right-of-way acquisition forecast dates continue to trend later than planned but Metro and design-builder are working together to mitigate potential cost and schedule risks.
- Request for California Public Utilities Commission to approve the remaining four of five applications for grade-separated crossings that have been submitted.
- 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.
- Execution of Agreement with City of Inglewood and required approvals.
- Various utility relocations by third parties required prior to design-builder's construction activities.
- Future Southwestern Yard design-build contract procurement may need to be moved up to mitigate any integration issues with the active mainline design-build contractor.

Westside Purple Line Extension – Section 1 (La Cienega)



 BUDGET	*Original	Current	Forecast
Total Cost (\$ mil.)	TBD	2,861	2,861

- Includes Planning and Finance costs.
- The FFGA application is being processed by the FTA. Approval is expected in May 2014.

*Original budget to be adopted upon receipt of the FFGA

 SCHEDULE	*Original	Current	Forecast
Rev. Operation	TBD	Jun 2023	Jun 2023

- RFP proposals for the Design-Build contract are under evaluation.
- Construction of the exploratory shaft has completed and is in the monitoring period.
- Wilshire/Fairfax Advanced Utility Relocations Contract has been awarded.

*Original schedule to be adopted upon receipt of the FFGA

POTENTIAL RISKS

- CEQA lawsuit has 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 lawsuit.
- NEPA lawsuit filed by Beverly Hills Unified School District and the City of Beverly Hills still pending.
- Bid results

Regional Connector



BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	1,427	1,427	1,427

- Includes Planning and Finance costs.



SCHEDULE

	Original	Current	Forecast
Rev. Operation	Sep 2020	Sep 2020	Sep 2020

- Revised BAFO proposals for D/B Contract C0980 received in March are under evaluation. Contract award expected in May 2014.
- Utility relocations by Third Party Utilities continues at Flower Street, 2nd/Spring Street and 1st/Central Street.

POTENTIAL RISKS

- CEQA and NEPA lawsuits filed by Bonaventure Hotel, Japanese Village Plaza, and Thomas Properties Group.
- Best And Final Offer (BAFO) results.



I-405 Sepulveda Pass Improvement Project



BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	1,034	1,141.4	1,141.4

- Based on current cost trends, project contingency level has dropped to less than 3% (2.2%) of project budget.
- A cost reforecast is underway and is expected to be completed in April.



SCHEDULE

	Original	Current	Forecast
Con. Complete	May 2013	June 2014	June 2014

- Opening of NB HOV lane set for June 2014.

POTENTIAL RISKS

- Fact-sheet approvals by Caltrans; non-approval could result in re-design or reconstruction.
- Utility relocations and adequacy of Provisional Sums
- Change Orders and Claims Risk
- Additional Caltrans and Professional Services costs



Universal City Station Pedestrian Bridge



BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	19.5	27.3	27.3

- No issues to report.



SCHEDULE

	Original	Current	Forecast
Con. Complete	N/A	Jan 2016	Jan 2016

- 60% Final Design on Structural & Foundation has been received
- 60% Civil, MEP, and Architectural Design is expected by mid-April 2014
- Construction Mobilization by May/June 2014

POTENTIAL RISKS

- The restricted construction periods stipulated by NBC/Universal and the Traffic Control requirements make construction schedule challenging.
- The work-around areas near existing buildings/structures are very tight. Any impacts due to construction could affect the costs.



MOL to MRL North Hollywood Connector



BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	17.0	22.0	22.0

- No issues to report.



SCHEDULE

	Original	Current	Forecast
Con. Complete	N/A	Feb 2016	Feb 2016

- 60% Final Design Package expected by end-April 2014
- Construction Mobilizing scheduled by May/June 2014.
- Construction to begin July/August 2014

POTENTIAL RISKS

- Unforeseen site conditions during underground construction



Metro Blue Line Station Refurbishments



BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	33.4	33.4	33.4

- No issues to report.



SCHEDULE

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

- First Design Meeting held on March 26, 2014
- Group of four Stations in Long Beach 65% Design submittal on April 4, 2014
- Construction anticipated to start in August, 2014 in Long Beach


POTENTIAL RISKS

- Limited construction window for each station
- Restricted work space
- Impact to users
- Unable to provide all of the contracted Contractor storage area due to Metro's need in some of the yard space.




Patsaouras Plaza Busway Station



 BUDGET	Original	Current	Forecast
Total Cost (\$ mil.)	16.8	30.9	30.9

- No issues to report.

 SCHEDULE	Original	Current	Forecast
Con. Complete	June 2014	Sept 2016	Sept 2016

- Awarded design/build contract February 26, 2014
- Notice to proceed occurred March 31, 2014.
- Design work started in April 2014.

POTENTIAL RISKS

- Timely approval of final design drawings through Caltrans.
- Relocation of fiber optics communication lines prior to construction.
- Potential unforeseen and difficult underground conditions during construction of bridge foundations.

Division 13 Bus Maintenance Facility



BUDGET

	Original	Current	Forecast
Total Cost (\$ mil.)	95	104.2	106.8

- Severe underground obstructions and ground conditions are impacting cost and schedule of electrical undergrounding within Cesar Chavez. Quantification and negotiation of costs and delays is in progress.

SCHEDULE

	Original	Current	Forecast
Con. Complete	July 2014	Oct. 2014	Dec. 2014


- Off-site utility relocations progressing but significant unforeseen obstructions are continuing to delay the work. Completion of utilities was Nov. 2013 and is now slipping to April 2014.
- Contractor requesting additional schedule to complete project based on underground delays. Negotiations in progress.
- March 28, 2014 deck shoring failure will affect schedule

POTENTIAL RISKS

- Utility relocations within City ROW
- Removal of remaining Hazardous Materials
- Unforeseen site conditions during underground construction
- Design errors and changes during construction
- March 28, 2014 deck shoring failure will affect schedule

P3010 Rail Car Vehicle Procurement



 BUDGET	*Original	**Current	**Forecast
Total Cost (\$ mil.)	\$342.4M	\$739M	\$739M

- *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


- Schedule is very aggressive and any impacts to critical activities could result in delayed deliveries. Current updated schedule from Kinkisharyo still shows contract on schedule.

POTENTIAL RISKS

- Change Orders. Recognizing that there may be commercial consequences if there are delays finalizing the Metro initiated change orders. Metro is working with Metro-Procurement and Contractor to expedite. Good progress has been made during the reporting period. Negotiation has been completed on six Request for Changes and Metro-Procurement is in the process of issuing Contract Modifications for them.
- Systems Integration. The P3010 has identified potential issues associated with EMI and TWC. These issues have been identified early in the project and are being addressed with the Contractor.
- Metro continues to coordinate with Gold Line Foothill Extension Phase 2A and Exposition Phase 2 on assessing operational scenarios to support the potential early openings.

Gold Line Foothill Extension (Phase 2A)



 BUDGET	Original	Current	Forecast
Total Cost (\$ mil.)	690	741	741

- No issues to report.

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

- No issues to report.

POTENTIAL RISKS

- Scope growth/betterments
- Third party impacts
- Final compensation for property acquired through condemnation
- Metro is assessing operational scenarios related to vehicle availability for an early opening of this project
- Metro vendor late delivery of Sub-Stations

Gold Line Foothill Extension (Phase 2A)




RECENT ACTIVITIES/ISSUES

- Site Work
 - Grading, utility relocation, fencing, sound wall, retaining wall, and drainage construction throughout alignment
 - Completed 6 of 23 miles of light rail mainline track
 - Continued installing mainline OCS poles
- At-Grade Crossings
 - 10 of 14 crossings completed
 - 2 additional crossings currently under construction
- Stations
 - All stations under construction
 - Arcadia, Monrovia, and Duarte station canopy steel frames installed
- Bridges
 - 17 of 24 bridges completed
 - 6 additional bridges currently under construction
- Maintenance Facility
 - Continued the structural steel frame for main building
 - Installed 30% of the OCS poles in the maintenance facility
 - Began installation of OCS wire

Exposition Phase I & Phase II



PHASE I

 BUDGET	Original	Current	Forecast
Total Cost (\$ mil.)	640	971	978.9

- Forecast includes claim settlement with Phase 1 contractor, pending Board approval.

SCHEDULE

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

POTENTIAL RISKS

- Change Orders/Claims
- Third party overruns
- Professional Services Costs

PHASE II

 BUDGET	Original	Current	Forecast
Total Cost (\$ mil.)	1,511	1,511	1,511

- No issues to report.

 SCHEDULE	Original	Current	Forecast
Rev. Operations	Nov 2016	Jan 2016	Jan 2016

- No issues to report.

POTENTIAL RISKS

- Third Party Relocation Costs and Delays (SCE, Venice Boulevard Bridge)
- Three party agreement on 5 minute headway requirement in Santa Monica segment
- Metro is assessing operational scenarios related to vehicle availability for an early opening of this project

Exposition Phase I & Phase II



RECENT ACTIVITIES/ISSUES

PHASE I

- Mediation on outstanding claims completed in March and is the basis of the proposed Settlement Agreement
- Claim settlement with Phase 1 contractor pending Board approval.
- Outstanding work items:
 - Replace Spring Frog at National Crossover
 - Final noise measurements after Spring Frog replacement
 - Complete outstanding Warranty Items
 - As-Builts need to be completed and submitted for final approval

PHASE II

- Continue Bridge Structures, Utilities, OCS Foundations, Guideway Grading
- Continue trackwork installation
- Station Platforms under construction
- Operations and Maintenance Facility under construction
- Bikeway Contract
 - Design work underway
- Design approximately 99% complete. Construction approximately 60% complete
- Working on final agreement with Metro and City of Santa Monica on parameters for 5 minute headway operation.
- Beginning Security/Fare Gate study on 3 at-grade stations

Project Status Sheets



CRENSHAW/LAX TRANSIT PROJECT

As of March 2014

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

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

PROJECT PHOTO: Potholing for utilities on Crenshaw Blvd.

WORK COMPLETED PAST MONTH:



- o WSCC continued exploratory utility potholing.
- o WSCC continued geotechnical instrumentation.
- o WSCC continued demolition of buildings.
- o WSCC continued rail and tie removal.
- o WSCC commenced noise wall construction at the Crenshaw/Expo Station Area.
- o Metro continued real estate acquisitions.
- o Metro Builders continued street sewer relocations and continued LADWP water line pipe sleeves installation.
- o LADWP continued water line relocations at north end.

EXPENDITURE STATUS
 (\$ In Millions)

SCHEDULE ASSESSMENT

ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
DESIGN	\$ 136.7	\$ 56.7	41.5%	Environmental			
				FBS/FBR	Sep-11	Sep-11	Complete
RIGHT-OF-WAY	\$ 127.4	\$ 97.6	76.6%	Record of Decision	Dec-11	Dec-11	Complete
				Design			
CONSTRUCTION	\$ 1,353.1	\$ 149.9	11.1%	Preliminary Engineering	Nov-11	Nov-11	Complete
				Final Design	Sep-15	Sep-15	0
OTHER	\$ 440.8	\$ 71.0	16.1%	Right-of-Way			
				All parcels available	Aug-14	Dec-14	16 weeks behind
TOTAL	\$ 2,058.0	\$ 375.2	18.2%				

Note: cost as of March 28, 2014.

AREAS OF CONCERN

- o Right-of-way acquisition forecast dates trending later than planned.
- o CPUC approval of grade-separation crossings applications.
- o Timely future reviews of WSCC's designs by City of Los Angeles, City of Inglewood, Caltrans, FAA and Los Angeles World Airports.
- o Third party relocations prior to design-builder's construction activities
- o Execution of Agreement with City of Inglewood.

Construction

D-B Notice to Proceed	Sep-13	Sep-13	Complete
D-B Substantial Complete	Sep-18	Sep-18	0
Revenue Service Date	Oct-19	Oct-19	0

ROW ACQUISITION

CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING	CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD
FULL TAKES	35	26	9	o Metro continue turning over real estate properties to WSCC. o WSCC submit 60% design package. o WSCC commence excavation support at Crenshaw/Expo station. o WSCC commence demolition of existing bridge at Century Blvd o WSCC continues geotechnical instrumentation and monitoring. o Metro Builders completes their advance utility relocations. o LADWP complete water line relocations at north end.
PARTIAL TAKES	27	1	26	
TEMPORARY EASEMENTS	12	0	12	
TOTAL PARCELS	74	27	47	

REGIONAL CONNECTOR TRANSIT CORRIDOR PROJECT

As of March 2014

LOCATION: Downtown Los Angeles DESIGN CONSULTANT: Connector Partnership JV	CONSTRUCTION MANAGEMENT CONSULTANT: ARCADIS CONTRACTOR: TBD
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TWC UTILITY WORK AT 5TH STREET AND FLOWER	WORK COMPLETED PAST MONTH
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- D/B Contract C0980 Amendment #11 issued
- D/B Contract C0980 BAFO evaluation continues
- Contractor mobilized and started Survey for Contract C0981R Advance Utility Relocation
- Continue efforts seeking relief from Peak Hour Exemptions from the City
- Awaiting LAFD and DWP permit for the new above-ground Storage Tanks that will be installed at the LA Times site
- Continue third party advance utility relocations on Flower Street
- LADWP completed stub out for TBM power feed on Temple Street
- Metro acquired Volk properties for 1st and Central Station

SCHEDULE ASSESSMENT

EXPENDITURE STATUS (\$ In Millions)				MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	Environmental			
				FBS / FBR	N/A	04/26/12	Complete
DESIGN	\$109.4	\$37.7	34.4%	Design			
RIGHT-OF-WAY	\$115.9	\$10.1	8.7%	PE Notice to Proceed	N/A	01/04/11	Complete
CONSTRUCTION	\$846.3	\$3.2	0.4%	Final Design complete	11/04/15	11/04/15	0
OTHER	\$355.3	\$46.9	13.2%	Right-of-Way			
TOTAL	\$1,426.9	\$97.8	6.9%	All parcels available	06/30/15	06/30/15	0

Current Budget Includes Environmental Planning and Finance Costs.
Note: Expended amount is through Feb. 2014.

AREAS OF CONCERN	Construction - Main Design / Build Contract			
- Market conditions may lead to higher construction costs	Notice to Proceed	05/30/14	05/30/14	0
	Construction complete	09/18/20	09/18/20	0

CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD


- Seek Board authorization to award D/B Contract C0980 April 2014.
- Award Contract and issue NTP for D/B Contract C0980
- Mobilize D/B Contract C0980 Design Team
- Start Construction for Contract C0981R Advanced Utility Relocations
- Complete Diesel Tank relocation from 2nd/Broadway Station site to LA Times Building

ROW ACQUISITION	PLAN	ACQUIRED	REMAINING
PERMANENT PARCELS	5	2 *	3
TEMPORARY PARCELS	29	0	29
TOTAL PARCELS	34	2	32

* Volk Properties

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

As of March 2014

LOCATION: Los Angeles / Beverly Hills DESIGN CONSULTANT: Parsons / Brinckerhoff		CONSTRUCTION MANAGEMENT CONSULTANT: WEST JV CONTRACTOR: TBD					
FOSSILS FOUND IN EXPLORATORY SHAFT DURING EXCAVATION		WORK COMPLETED PAST MONTH					
		<ul style="list-style-type: none"> - C1034 Exploratory Shaft excavation completed - C1048 Advanced Utilities Relocations (AUR) continuing at La Brea - CES and LADWP power AUR continuing at La Brea - Continued efforts seeking relief from Peak Hour Exemptions at locations other than La Brea - Continuing real estate needs coordination for Division 20 - In-progress technical documents submitted for C1078 Div. 20 MOW & NRV Bldg. - Continued design for 3rd-party utility relo's & traffic ctrl at Fairfax, advanced and 3rd-party utility relo's and traffic control at La Cienega. - C1055 Fairfax AUR contract award occurred on March 12, 2014 - C1056 La Cienega AUR was advertised on February 21, 2014 					
EXPENDITURE STATUS (\$ In Millions)		SCHEDULE ASSESSMENT					
ACTIVITIES	CURRENT ESTIMATE	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
DESIGN	\$163.0	\$54.4	33.4%	Environmental			
				FEIS / FEIR	NA	05/31/12	Complete
RIGHT-OF-WAY	\$212.5	\$2.0	0.9%	Design			
CONSTRUCTION	\$1,437.6	\$11.8	8.0%	PE Notice to Proceed	NA	01/12/11	Complete
				Final Design complete	02/22/17	02/22/17	0
OTHER	\$1,048.2	\$57.4	5.5%	Right-of-Way			
TOTAL	\$2,861.3	\$125.6	4.4%	All parcels available	05/23/15	05/23/15	0
Current Estimate includes Planning and Finance Costs.				Construction - Main Design / Build Contract			
AREAS OF CONCERN ~Market conditions may lead to higher construction costs				Notice to Proceed	08/25/14	08/25/14	0
				Construction complete	06/25/23	06/25/23	0
ROW ACQUISITION	PLAN	ACQUIRED	REMAINING	CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
PERMANENT PARCELS	15	0	15	<ul style="list-style-type: none"> - CES: Complete advanced utility relocations at La Brea - C1034 Exploratory Shaft: Complete construction - C1034 Exploratory Shaft: Begin monitoring period - C1045 Design / Build contract: RFP technical evaluation - C1048 La Brea Advanced Utility Relocations: Complete construction - C1056 La Cienega Advanced Utility Relocations: Bid period - C1078 Div 20 MOW & NRV facilities: Prepare design-build RFP package 			
TEMPORARY PARCELS	3	0	3				
TOTAL PARCELS	18	0	18				

I-405 SEPULVEDA PASS IMPROVEMENTS PROJECT

As of March 2014

LOCATION: I-405 Sepulveda Pass Improvements Project
DESIGN/CONSULTANT: Kiewit (D/B)

CONSTRUCTION MANAGEMENT CONSULTANT: Stantec
CONTRACTOR: Kiewit (D/B)

PROJECT PHOTO

WORK COMPLETED PAST MONTH

Retaining Wall 1730 along Sepulveda Blvd.



- SB Sepulveda Blvd. Roadway Reconstruction between Church Lane and Constitution Ave.
- Segment 1 City Work on Pico, Colner, and Sepulveda Completed.
- SB I-405 Full Span Freeway Overhead Sign Installation between Santa Monica Blvd. and National Blvd. is completed.
- SB I-405 Restriping at I-10 Interchange completed.
- SB Median work at Wilshire completed.
- Median work throughout the Project continues.
- Artwork Installation on Walls 1720 & 1730 is completed.
- Lighting and Signal installations continue throughout the Project.

EXPENDITURE STATUS
 (\$ In Millions)

SCHEDULE ASSESSMENT

ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS
DESIGN (Preliminary) (PA&ED/PS&E)	\$47.0	\$47.0	100.0%	Environmental			
RIGHT-OF-WAY (Capital/Support/3rd Party)	\$108.7	\$70.5	65%	End Environmental Phase (PA&ED)	Mar-08	Mar-08	Complete
CONSTRUCTION (Construction Support/Construction)	\$904.4	\$816.3	90%	Design			
Reversible Lane	\$2.6	\$0.0	0%	End Design Support Phase (D/B)	Dec-13	Apr-14	17
Contingency	\$78.7	\$0.0	0%				
TOTAL	\$1,141.4	\$933.8	82%	Right-of-Way			
				ROW Certification	Dec-13	Apr-14	17

AREAS OF CONCERN

Global Maintenance of Traffic
 Bridge 21 Skirball Center Drive - Wildlife Crossing

Construction

Substantial Completion Jun-14 Jun-14 0

ROW ACQUISITION (Caltrans)

PLAN ACQUIRED REMAINING

CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD


PERMANENT PARCELS	14	8	6
TEMPORARY PARCELS	27	20	7
TOTAL PARCELS	41	28	13

Segment 1 (Areas 1, 2, & 3) Substantial Completion - April 2014
 Area 4 Sunset - Permanent Delineation of Sepulveda Blvd. - April 2014
 Bridge 21 Skirball Center Dr. Bridge Completed - April 2014
 Area 5 Sepulveda - Substantial Completion - June 2014

METRO DIVISION 13
Bus Maintenance and CNG Fueling Facility **As of March 2014**

LOCATION: Los Angeles	CONSTRUCTION MANAGEMENT CONSULTANT: MARRS
DESIGN CONSULTANT: MDG	CONTRACTOR: McCarthy

PROJECT PHOTO Roof Deck Pour #14 Preparation **WORK COMPLETED PAST MONTH**

	<ul style="list-style-type: none"> Continued DWP Duct Banks installation on Cesar Chavez Continued work in weld shop area in Building 1 Continue concrete shear wall and column pours at roof deck Completed DWP work on Cesar for intercepts to existing vaults Completed level 1 shear walls and columns pours #1 thru #6 Completed backfilling on Metro Drive Continue masonry walls level 2 Continue Mezzanine concrete deck pours Building 1 Completed ramp deck pours #1 and #2 Continue design of the new CNG fueling facility Continue shoring, forming & pouring roof deck concrete slabs
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EXPENDITURE STATUS (\$ In Millions) **SCHEDULE ASSESSMENT**

ACTIVITIES	CURRENT BUDGET	EXPENDED AMOUNT	PERCENT EXPENDED	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE (WEEKS)
DESIGN	7.73	7.56	97.8%	Environmental			
				Categorical Exemption	Dec-09 A	Dec-09 A	Complete
RIGHT-OF-WAY	0	0	n/a	Design			
				Final Design	Oct-09 A	Oct-09 A	Complete
CONSTRUCTION	79.12	32.31	40.8%	Right-of-Way			
				Not Applicable	n/a	n/a	n/a
OTHER	19.98	11.01	55.1%				
TOTAL	106.83	50.88	47.6%	Construction			
As of 3/28/2014				Notice to Proceed	Jul-12 A	Jul-12 A	Complete
				Construction Complete	Dec-14	Jan-15	16

AREAS OF CONCERN **CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD**

<ul style="list-style-type: none"> Commitments for undergrounding utilities are trending above LOP AT&T work approaching 3.38 M Critical activities at Bld "C" and electrical switch yard Low voltage, ITS, communication, etc. submittals Schedule impact due to roof deck #14 shoring collapse on 03/28/14 DWP permanent power to electrical switch yard 	<ul style="list-style-type: none"> Complete DWP onsite service yard work for electrical switchgear Continue the Chassis Wash area construction of foundations Complete installation of CNG MSA and meter assembly Continue roof deck deck slab/ beam shoring installation Complete DWP U/G electrical cables Cesar Chavez Ave Finish DWP U/G duct banks installation on Cesar Chavez Start the construction of new CNG fueling facility Install low voltage communication cables along Cesar Chavez Ave Continue installation of Masonry Walls Continue installation of mechanical, electrical and plumbing Complete installation of new 6 inch gas line on Metro Drive 																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">ROW ACQUISITION</th> <th style="width: 10%;">PLAN</th> <th style="width: 10%;">ACQUIRED</th> <th style="width: 10%;">REMAINING</th> </tr> </thead> <tbody> <tr> <td>PERMANENT PARCELS</td> <td>0</td> <td>n/a</td> <td>0</td> </tr> <tr> <td>TEMPORARY PARCELS</td> <td>0</td> <td>n/a</td> <td>0</td> </tr> <tr> <td>TOTAL PARCELS</td> <td>0</td> <td>n/a</td> <td>0</td> </tr> </tbody> </table>	ROW ACQUISITION	PLAN	ACQUIRED	REMAINING	PERMANENT PARCELS	0	n/a	0	TEMPORARY PARCELS	0	n/a	0	TOTAL PARCELS	0	n/a	0	
ROW ACQUISITION	PLAN	ACQUIRED	REMAINING														
PERMANENT PARCELS	0	n/a	0														
TEMPORARY PARCELS	0	n/a	0														
TOTAL PARCELS	0	n/a	0														