

Phase 2 Exposition Metro Line Project

Monthly Project Status Report

August 2014





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Phase 2 Exposition Metro Line Construction Authority Project Description

The Expo Phase 2 Project is located in the Westside of Los Angeles, extending approximately seven miles from the Expo Phase 1 terminus at Culver City Station to Santa Monica. The Phase 2 alignment begins at the terminus of Expo Phase 1 and utilizes the existing Exposition Right-of-Way (ROW), then diverges from the Exposition ROW and enters onto Colorado Avenue east of 17th Street. The alignment follows the center of Colorado Avenue to the proposed terminus in downtown Santa Monica in the vicinity of the intersection of 4th Street and Colorado Avenue.



Figure 1: Exposition Metro Line Construction Authority Phase 2 Alignment



Phase 2 Exposition Metro Line Construction Authority Culver City to Santa Monica Segment

Project Management Issues

Utility Relocations

The Authority worked closely with the Los Angeles Department of Water and Power (LADWP) and Southern California Edison (SCE) to advance the power and water relocations required to accommodate the Project. The Authority also worked with multiple communication providers to advance the relocation of their facilities.

- Multiple LADWP construction crews continued relocating the remaining overhead power lines underground. LADWP continued to finalize new power service designs for irrigation controllers, passenger stations, traffic signals, crossing gates, bike path lighting and street lights. LADWP began installation of new power services to energize future railroad crossing gates, traction power substations, and passenger stations.
- Various communication providers continued relocating their remaining facilities that are in conflict with proposed project structures.
- Various agencies continued scheduling relocations/ installation of water meters, overhead lines and utility poles, street lights and traffic signal power service lines, communication boxes, and fire hydrants to support the imminent street widening work.
- Staff continued working with SCE to complete the remaining new power service designs including the Operations and Maintenance Facility (OMF). SCE completed the overhead to underground relocation at Bundy. Ongoing SCE work includes installing engineered steel poles, ductbanks, vaults, and electrical equipment, pulling new cable, and energizing the new underground distribution and transmission systems at Sepulveda.

City of Los Angeles

In the City of Los Angeles (COLA), schedule critical activities include temporary traffic handling and construction submittal approvals, and on-going relocation of utilities. All of the five civil segments have been approved by the COLA Bureau of Engineering. However, a few disciplines in one civil segment remain outstanding and the Authority is collaborating with the various COLA departments to gain approval of those last few drawings. Street improvement construction has started on Bagley, Overland, and Westwood. The COLA requested an intersection change at Centinela and Exposition Blvd to accommodate the bike path crossing. Funding has been identified by the COLA in order to implement this change. Various other miscellaneous improvements requested by stakeholders such as the Sepulveda Sidewalk Gap, and the Westwood transit plaza are being processed.

City of Santa Monica

In the City of Santa Monica (CSM), the schedule critical path includes the installation of track work on Colorado followed by the installation and testing of the overhead catenary power and train control systems. All rail crossings on Colorado have been completed with the exception of 6th and 7th Streets. The Authority is collaborating with the CSM to resolve issues including lighting betterments, terminus station betterments, street running operations, temporary street closures for construction, and bikeway-related details.



Operations and Maintenance Facility (OMF)

The current approved project schedule shows Substantial Completion of the OMF on May 1, 2015, approximately five months late. Currently, we are working to mitigate an additional delay due to the installation of the train control duct bank which was installed much deeper than originally planned. The OMF contractor is looking at recovery options. The OMF delay does not affect the overall Project Completion.

Bikeway

Bikeway design is at 100% level with final comments and revisions underway. The Santa Monica segment has been approved by the CSM and is approved for construction. The COLA has yet to approve their section. Construction (site clearing) started in late April and soil remediation is near completion. Drainage and Bikeway lighting will soon be underway. Full construction in the Los Angeles segment will start upon receipt of all approvals from the COLA.

Trackwork

The Skanska/Rados Joint Venture (SRJV) trackwork installation is behind schedule due to several factors, which include delayed site turnover, delayed ductbank installation, and vibration mitigation design and construction. The contractor is working on a mitigation plan to eliminate or minimize this delay. The trackwork delay does not affect the overall planned Revenue Operation Date.



Key Activities Completed This Period

Phase 2 Design-Build contractor, Skanska/Rados (SRJV)

- SRJV advanced remaining design elements. Staff worked with SRJV to resolve open issues.
- SRJV continued construction activities:
 - performed grading to support guideway construction activities;
 - installed dry utility duct banks/vaults on behalf of SCE (along Bundy and Sepulveda);
 - installed CS duct banks/manholes;
 - installed OCS poles and wire;
 - Constructed station platforms and C/S rooms
 - installed support poles for canopies/artwork and pavers at stations;
 - ballasted special trackwork, embedded trackwork (Colorado) and direct fixation trackwork on bridges;
 - advanced soundwalls;
 - advanced TPSS site work (TPSS3, TPSS4, TPSS5, TPSS6, and TPSS7);
 - advanced street improvements including street lighting and traffic signal installation, and
 - started train control installation
- SRJV advanced construction submittals and requests for information; Authority staff reviewed.
- SCE, DWP, and communications providers continued to relocate facilities and provide new service.

Venice Boulevard Underpass Design-Build contractor

- The Expo Phase 2 contractor (SRJV) completed the work on the Venice Blvd. median and began construction of the roadway widening along the south side of Venice Boulevard.

Operations and Maintenance Facility, Kiewit Building Group (KBG)

- Site Work: continued installation of dry and wet utilities and OCS foundations. Completed rail welding.
- Main and Secondary Building:
 - Continued the construction of grade beams, slab on grade, and slab on metal deck;
 - started structural steel erection and welding at the Secondary Building;
 - started light gauge framing, sheathing, and rough-in of MEP, and
 - started CMU installation
- Wash Building & Cleaning Platform
 - Installed UG wet utilities and rough graded the Cleaning Platform pad, and
 - continued working on the Wash Building footings, UG utilities and trench drain
- TPSS
 - Excavated for building footprint
 - Started the installation of conduit stub-ups

Bikeway

- SRJV advanced final Bikeway design. Bikeway Contractor worked with the COLA to resolve final comments. Right of Way / Lease modifications and utility relocations nearing completion.
- Soil mitigation and grading in process.



Key Future Activities

Phase 2 Design-Build contractor, Skanska/Rados (SRJV)

- SRJV advance remaining design elements. Metro, Authority, and third party staff will continue to work with SRJV to resolve comments and open issues.
- SRJV will continue the following construction activities:
 - excavation and grading to support guideway construction activities;
 - install track floating slab at Barrington and east of Stewart;
 - install dry utility duct banks/vaults on behalf of SCE at Sepulveda;
 - install CS duct banks/manholes;
 - install guideway ballast curb and subballast;
 - install track underdrain;
 - advance TPSS site work;
 - advance soundwalls;
 - advance stations;
 - advance OCS poles and wire installation;
 - advance canopy poles and station paver installation;
 - advance ballasted special trackwork and embedded trackwork (Colorado);
 - advance Street Improvements;
 - weld rail;
 - complete the Sepulveda Parking structure.
- SCE, DWP, and communication providers continue to relocate facilities.

Venice Boulevard Underpass

- Processing roadway and Culver City Plaza design revision and obtain third party approval.
- Expo Phase 2 Contractor (SRJV) will continue work on the Venice Blvd roadway widening and reconstruction.

Operations and Maintenance Facility contractor, Kiewit Building Group

- Continue Construction Safety Certification
- Complete slab on grade (main building)
- Install Metal Panels, Arch Panels and Glazing
- Erect structural steel Wash Building
- Set TPSS
- Begin Special Trackwork

Bikeway

- SRJV advance final Bikeway design and obtain COLA approval.
- Right of Way activities
- Negotiate Metro/City license agreements
- Commence construction

General

- Continue coordination with the COLA, CSM, Metro, and Caltrans.
- Facilitate Fire Life Safety Committee meetings/workshops.
- Continue FEIR mitigation measures.



Phase 2 Exposition Metro Line Construction Authority Schedule Status

Critical Path Schedule, Period Ending August 31, 2014

Expo LRT Phase 2 - August 2014		EXPO2-Monthly Report-FTA CODES		15-Sep-14 12:37							
Activity Name	Start	Finish	2014		2015			2016			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Expo LRT Phase 2 - August 2014	04-Aug-11 A	22-May-16									
Milestones and Key Dates	01-Sep-11 A	06-Jan-16									
Overall	01-Sep-11 A	24-Dec-15									
Expo2 Duration to ROD (1520 + 167)	01-Sep-11 A	10-Jul-15									
Schedule Contingency	11-Jul-15	24-Dec-15									
Design/Build Contract SRJV	23-May-15	06-Jan-16									
Design-Build Contract-2011 Rain Allowance	23-May-15	23-May-15									
Design-Build Contract-2012 Rain Allowance	23-May-15	23-May-15									
Design-Build Contract-2013 Rain Allowance	23-May-15	23-May-15									
Design-Build Contract - 2014 Rain Allowance	23-May-15	17-Jun-15									
Design-Build Contract-2015 Rain Allowance	18-Jun-15	07-Jul-15									
Design-Build Contract-Substantial Completion [Day Zero + 1520]		10-Jul-15*									
Design-Build Contract - Punchlist Completion (Substantial Completion + 90)		08-Oct-15									
Design-Build Contract - Final Acceptance (Punchlist Completion + 90)		06-Jan-16*									
Maintenance Facility Contract	30-Jul-15	30-Jul-15									
Maintenance Facility - Final Acceptance		30-Jul-15*									
Bike Path	10-Jul-15	10-Jul-15									
Bike Path - Substantial Completion		10-Jul-15									
Owner Furnished Equipment	19-Aug-13 A	31-Mar-15									
TPSS	08-Sep-14	07-Nov-14									
Traction Power Substation # 6 (Cloverfield)		08-Sep-14*									
Traction Power Substation # 7 (17th)		09-Sep-14*									
Traction Power Substation # 8 (5th)		03-Oct-14*									
Traction Power Substation # 5 (Yard)		07-Nov-14*									
Artwork	19-Aug-13 A	31-Mar-15									
Owner Furnished Items - artwork	19-Aug-13 A	31-Mar-15									
Design/Build Construction	04-Aug-11 A	11-Sep-14									
Final Design	04-Aug-11 A	11-Sep-14									
SRJV	04-Aug-11 A	11-Sep-14									
Roadway Design Packages	04-Aug-11 A	11-Sep-14									
Construction	01-Dec-11 A	26-Aug-15									
Sitework and Special Conditions	01-Dec-11 A	19-Jan-15									
SRJV	01-Dec-11 A	19-Jan-15									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TO 9TH STREET	21-Jun-12 A	22-Sep-14									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 9TH TO 17TH STREET	29-Mar-12 A	25-Sep-14									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	01-Dec-11 A	30-Sep-14									
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	08-Jun-12 A	15-Oct-14									
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	05-Mar-12 A	31-Oct-14									
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	24-Mar-14 A	31-Oct-14									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	24-Mar-14 A	12-Nov-14									
SEGMENT 3 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS COLORADO N 4TH TO 9TH	21-Oct-14	29-Dec-14									
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	16-Jun-14 A	19-Jan-15									
VBU	16-Jun-14 A	28-Nov-14									
VBU - PLAZA CONSTRUCTION	02-Sep-14	17-Nov-14									
VBU - ROADWAY CONSTRUCTION	16-Jun-14 A	28-Nov-14									
Guideway and Track Elements	02-Aug-12 A	13-Nov-14									
SRJV	02-Aug-12 A	13-Nov-14									
SEGMENT 1 - GUIDEWAYS AND TRACKS	04-Sep-12 A	05-Sep-14									
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS	06-Sep-12 A	15-Oct-14									
SEGMENT 2 - GUIDEWAYS AND TRACKS	02-Aug-12 A	13-Nov-14									
SEGMENT 3 - COLORADO GUIDEWAYS AND TRACKS	13-Aug-13 A	13-Nov-14									
Stations	08-Feb-12 A	08-May-15									
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - STATIONS	10-Apr-13 A	27-Feb-15									
SEGMENT 1 - STATIONS	21-Jan-13 A	05-Mar-15									
SEGMENT 2 - STATIONS AND PARKING	08-Feb-12 A	07-Apr-15									

■ Remaining Level of ...
■ Actual Level of Effort
■ Actual Work

**EXPO 2 CONTROL SCHEDULE
August 2014**

D..	Revision	C..	A..



Critical Path Schedule Continued

Expo LRT Phase 2 - August 2014		EXPO2-Monthly Report-FTA CODES		15-Sep-14 12:37									
Activity Name	Start	Finish	2014			2015				2016			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
SEGMENT 3 - COLORADO TERMINUS STATION	19-Mar-13 A	08-May-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
Support Facilities and Yards	04-Jun-13 A	26-Aug-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
Rail Operation and Maintenance Facility (OMF)	04-Jun-13 A	26-Aug-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
Maintenance Facility - Construction	04-Jun-13 A	29-May-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
Maintenance Facility - Commissioning Move In	01-Jun-15	26-Aug-15	[Gantt bar spanning from Q2 2015 to Q2 2016]										
Systems	16-Jun-14 A	09-Apr-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
SEGMENT 1 - SYSTEMS AND EQUIPMENT	16-Jun-14 A	05-Jan-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUIPMENT	24-Sep-14	13-Feb-15	[Gantt bar spanning from Q3 2014 to Q1 2015]										
SEGMENT 2 - SYSTEMS AND EQUIPMENT	07-Oct-14	07-Apr-15	[Gantt bar spanning from Q4 2014 to Q1 2015]										
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	24-Sep-14	09-Apr-15	[Gantt bar spanning from Q3 2014 to Q1 2015]										
Testing	16-Oct-14	22-May-15	[Gantt bar spanning from Q4 2014 to Q2 2015]										
OCS SYTEM INTEGRATED TESTING	11-Mar-15	13-Apr-15	[Gantt bar spanning from Q1 2015 to Q1 2015]										
COMMUNICATIONS LOCAL FIELD ACCEPTANCE TESTING	12-Nov-14	01-May-15	[Gantt bar spanning from Q4 2014 to Q1 2015]										
TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING	16-Oct-14	08-May-15	[Gantt bar spanning from Q4 2014 to Q1 2015]										
COMMUNICATIONS SYSTEM INTEGRATION TESTING	04-May-15	22-May-15	[Gantt bar spanning from Q1 2015 to Q1 2015]										
TRAIN CONTROL INTEGRATED SYSTEM TESTING	19-Jan-15	22-May-15	[Gantt bar spanning from Q4 2014 to Q2 2015]										
Bike Path	30-Sep-13 A	10-Jul-15	[Gantt bar spanning from Q2 2014 to Q2 2015]										
BIKE PATH - FINAL DESIGN	30-Sep-13 A	30-Sep-14	[Gantt bar spanning from Q2 2014 to Q2 2014]										
BIKE PATH - CONSTRUCTION	30-Jul-14 A	10-Jul-15	[Gantt bar spanning from Q3 2014 to Q2 2015]										
Start-Up	25-Dec-15	22-May-16	[Gantt bar spanning from Q4 2015 to Q2 2016]										
Rail Activation	25-Dec-15	22-May-16	[Gantt bar spanning from Q4 2015 to Q2 2016]										
Stress Testing	25-Dec-15	22-Feb-16	[Gantt bar spanning from Q4 2015 to Q1 2016]										
System Integration Testing (60)	25-Dec-15	22-Feb-16	[Gantt bar spanning from Q4 2015 to Q1 2016]										
Pre-Revenue Operations	23-Feb-16	22-May-16	[Gantt bar spanning from Q1 2016 to Q1 2016]										
Revenue Service Date (ROD)	22-May-16*		[Gantt bar spanning from Q1 2016 to Q1 2016]										
Pre-Revenue Operations (90)	23-Feb-16	22-May-16	[Gantt bar spanning from Q1 2016 to Q1 2016]										

Remaining Level of ...
 Actual Level of Effort
 Actual Work

**EXPO 2 CONTROL SCHEDULE
August 2014**

D..	Revision	C..	A..



Schedule Narrative

Critical and Near-Critical Path Analysis

With the SCE power relocation on Colorado completed in June 2014, the Critical Path shifted to the installation of trackwork on Colorado followed by the installation and testing of the Overhead Catenary and Train Control Systems. In the City of LA, the completion of the guideway work and ductbank installation between Bundy and Centinela followed by trackwork and systems installation is near critical.

With the current recovery plan and work-around options, the power relocation at most locations did not impact the construction of the bridges. Therefore, the critical need dates for power relocations were improved and potential delays were minimized. At the Terminus, the potential delay due to utility relocation was eliminated by redesigning the retaining wall design to bridge over existing underground facilities.

Project Float/ Schedule Contingency

On January 5, 2012, the Board of Directors authorized the Authority to include schedule contingency in accordance with Metro's Project Contingency procedure. At the January 9, 2014 Board Meeting half of the contingency was released. If all the remaining Schedule Contingency were needed, the projected Revenue Operation Date would be May 22, 2016.

	Original Duration (days)	Days Released	Current Duration (days)
Schedule Contingency	334	167	167



Phase 2 Exposition Metro Line Construction Authority Financial Status

**Project Cost Status and Analysis
Expo/Metro Baseline**

COST REPORT BY ELEMENT
UNITS IN MILLIONS

Element	Description	Original Budget	Current Budget	Commitments	Expenditures	Current Forecast	Forecast Variance Over/<Under>
C	CONSTRUCTION	766.3	759.8	674.5	420.6	759.8	-
R	RIGHT-OF-WAY	265.0	257.6	100.6	98.9	257.6	-
V	VEHICLES	202.1	202.1	202.1	74.1	202.1	-
P	PROFESSIONAL SERVICES	148.2	149.7	104.9	88.0	149.7	-
SC	SPECIAL CONDITIONS	63.6	81.9	65.9	48.1	81.9	-
PR	PROJECT RESERVE	66.0	60.1	-	-	60.1	-
TOTAL		1,511.2	1,511.2	1,148.1	729.8	1,511.2	-

NOTE: Expenditures are Paid-to-Date through 7/31/14

Original Budget and Current Budget:

The Life of Project Budget for the Phase 2 Exposition Metro Line Project was adopted in March 2011 for a value of \$1.511 billion.

Current Forecast:

The total project forecast at completion remains the same as the current budget of \$1.511 billion.



Project Operating Budget Summary in Millions of Dollars



Expo

Sources & Uses of Funds - Phase 2
 Status as of August 31, 2014

Metro / Expo Baseline Activities

Sources of Funds (millions)	A	B	C = A - B
Source	Budget	Funding Committed	Uncommitted
Prop A 35%	\$ 224.0	\$ 170.3	\$ 53.7
Prop C 25%	\$ 5.8	\$ 2.6	\$ 3.2
Measure R	\$ 908.9	\$ 631.3	\$ 277.6
Prop 1B Bonds - PTMISEA	\$ 48.9	\$ 15.2	\$ 33.7
Prop 1B Bonds - SLPP	\$ 28.3	\$ 28.3	\$ -
Regional Improvement Program (State)	\$ 47.8	\$ 47.8	\$ 0.0
Local Agency Contribution	\$ 45.3	\$ 45.3	\$ 0.0
	<u>\$ 1,309.1</u>	<u>\$ 940.8</u>	<u>\$ 368.3</u>
Total Sources:	<u>\$ 1,309.1</u>	<u>\$ 940.8</u>	<u>\$ 368.3</u>

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Design-Build Corridor	\$ 594.5	\$ 552.6	\$ 374.0	\$ 42.0
Other Construction Elements	\$ 165.4	\$ 121.9	\$ 46.5	\$ 43.4
Right-of-Way	\$ 257.6	\$ 100.6	\$ 98.9	\$ 157.0
Professional Services	\$ 149.7	\$ 104.9	\$ 88.0	\$ 44.7
Special Conditions	\$ 81.9	\$ 65.9	\$ 48.1	\$ 15.9
Project Reserve	\$ 60.1	\$ -	\$ -	\$ 60.1
	<u>\$ 1,309.1</u>	<u>\$ 946.0</u>	<u>\$ 655.5</u>	<u>\$ 363.1</u>
Total Uses:	<u>\$ 1,309.1</u>	<u>\$ 946.0</u>	<u>\$ 655.5</u>	<u>\$ 363.1</u>

Paid-to-Date through 7/31/14



Project Operating Budget Summary in Millions of Dollars



Expo

Sources & Uses of Funds - Phase 2

Status as of August 31, 2014

Metro / Expo Baseline Activities - Vehicles

Sources of Funds (millions)	A	B	C = A - B	
Source	Budget	Funding Committed	Uncommitted	
RSTP (Federal) for LRVs	\$ 7.7	\$ 7.7	\$ -	
CMAQ (Federal) for LRVs	\$ 41.3	\$ 41.3	\$ -	
Reg. Imp. Prog. (Federal) for LRVs	\$ 153.1	\$ 153.1	\$ -	
	\$ 202.1	\$ 202.1	\$ -	
Total Sources:	\$ 202.1	\$ 202.1	\$ -	

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Vehicles	\$ 202.1	\$ 202.1	\$ 74.1	\$ -
Total Uses:	\$ 202.1	\$ 202.1	\$ 74.1	\$ -

Paid-to-Date through 7/31/14



Project Operating Budget Summary in Millions of Dollars



Expo

Sources & Uses of Funds - Phase 2
 Status as of August 31, 2014

Non - Baseline Activities

Sources of Funds (millions)	A	B	C = A - B	
Source	Budget	Funding Committed	Uncommitted	
Project Revenue: City of LA Betterment	\$ 5.4	\$ 5.4	\$ -	
Project Revenue: Metro	\$ 3.9	\$ 3.9	\$ -	
Project Revenue: City of Santa Monica Betterment	\$ 20.1	\$ 20.1	\$ -	
Total Sources:	\$ 29.4	\$ 29.4	\$ -	

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Design-Build Betterments	\$ -	\$ -	\$ -	\$ -
COLA - Sepulveda Blvd Bridge & Aerial Station (Diff.)	\$ 5.3	\$ 5.3	\$ 3.6	\$ -
COLA - Greenway Project Culvert	\$ 0.1	\$ 0.1	\$ -	\$ -
Metro - Various Betterments (Metro Board Approved 4/17/14)	\$ 3.9	\$ 1.7	\$ -	\$ -
City of Santa Monica Water System Betterments	\$ 1.5	\$ 1.4	\$ 1.4	\$ 0.1
City of Santa Monica Storm Drain Laterals	\$ 0.3	\$ 0.3	\$ -	\$ -
26th Street & 17th Street Station Betterments P.E.	\$ 0.4	\$ 0.4	\$ 0.4	\$ -
26th Street & 17th Street Station Betterments Construction	\$ 7.7	\$ 5.5	\$ 5.5	\$ 2.2
4th Street Terminus Station P.E.	\$ 0.5	\$ 0.4	\$ 0.4	\$ 0.1
4th Street Terminus Station Construction	\$ 8.0	\$ 5.6	\$ 3.9	\$ 2.4
CSM Cont. Release - Jacob Guard Rails, Pavers & Landscaping	\$ 1.8	\$ -	\$ -	\$ -
Total Uses:	\$ 29.4	\$ 20.6	\$ 15.2	\$ 4.8

Paid-to-Date through 7/31/14



Phase 2 Exposition Metro Line Construction Authority Contract Status

Expo Phase 2 Design-Build Contract Status

<p>Expo Phase 2 Contractor: Skanska/Rados</p>	<p>Contract No.: XP8902-002</p> <p>Status as of: 31-Aug-14</p>																									
<p>Progress/Work Completed: See Page 6</p> <p>Areas of Concern: See Pages 4 and 5</p>	<p>Major Activities (In Progress): See Page 6 and 7</p> <p>Major Activities Next Period: See Page 6 and 7</p>																									
		Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs																				
	Substantial Completion	07/10/15	0	07/10/15	07/10/15	0																				
	Contract Completion	01/08/16	0	01/08/16	01/08/16	0																				
<p><u>Schedule Summary:</u></p> <p>Date of Award: 05/13/11</p> <p>Limited Notice to Proceed: 05/19/11</p> <p>Original Contract Duration: 1700</p> <p>Current Contract Duration: 1700</p> <p>Elapsed Time from NTP: 1,201</p>	<p><u>Cost Summary:</u></p> <p align="right">\$ In 000's</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th align="right">Baseline Project</th> <th align="right">Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td>1. Award Value:</td> <td align="right">541,651.27</td> <td align="right">5,278.94</td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td align="right">45,841.30</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td align="right">3485.67</td> <td></td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td align="right">545,136.93</td> <td align="right">51,120.24</td> </tr> <tr> <td>5. Pending Changes:</td> <td align="right">225.03</td> <td align="right">4,805.36</td> </tr> <tr> <td>6. Incurred Cost:</td> <td align="right">380,733.96</td> <td align="right">36,646.81</td> </tr> </tbody> </table>						Baseline Project	Betterments/ Modifications	1. Award Value:	541,651.27	5,278.94	2. Executed Modifications:		45,841.30	3. Approved Change Orders:	3485.67		4. Current Contract Value (1 + 2 + 3):	545,136.93	51,120.24	5. Pending Changes:	225.03	4,805.36	6. Incurred Cost:	380,733.96	36,646.81
	Baseline Project	Betterments/ Modifications																								
1. Award Value:	541,651.27	5,278.94																								
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3. Approved Change Orders:	3485.67																									
4. Current Contract Value (1 + 2 + 3):	545,136.93	51,120.24																								
5. Pending Changes:	225.03	4,805.36																								
6. Incurred Cost:	380,733.96	36,646.81																								



Expo Phase 2 VBU Design-Build Contract Status

<p>Expo Phase 2 Contractor: Balfour Beatty Infrastructure, Inc.</p>	<p>Contract No.: XP8901-828 Status as of: 31-Aug-14</p>																																				
<p>Progress/Work Completed: See Page 6</p> <p>Areas of Concern: See Pages 4 and 5</p>	<p>Major Activities (In Progress): See Page 6 and 7</p> <p>Major Activities Next Period: See Page 6 and 7</p>																																				
		<p>Original Contract Dates</p>	<p>Time Extension</p>	<p>Current Contract</p>	<p>Forecast</p>	<p>Variance CDs</p>																															
	<p>Substantial Completion</p>	<p>07/12/13</p>	<p>116</p>	<p>11/05/13</p>	<p>11/05/13</p>	<p>0</p>																															
<p>Schedule Summary:</p> <p>Date of Award: 08/04/11</p> <p>Limited Notice to Proceed: 09/01/11</p> <p>Original Contract Duration: 680</p> <p>Current Contract Duration: 796</p> <p>Elapsed Time from NTP: 1,096</p>	<p>Cost Summary:</p> <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;"><u>\$ In 000's</u></th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">Baseline Project</th> <th style="text-align: center;">Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td>1. Award Value:</td> <td></td> <td style="text-align: right;">15,675.00</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td></td> <td style="text-align: right;">1,277.00</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">694.89</td> <td style="text-align: center;">-</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td></td> <td style="text-align: right;">16,369.89</td> <td style="text-align: right;">1,277.00</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: right;">(1,640.84)</td> <td></td> </tr> <tr> <td>6. Incurred Cost:</td> <td></td> <td style="text-align: right;">13,959.41</td> <td style="text-align: right;">1,551.90</td> </tr> </tbody> </table>							<u>\$ In 000's</u>				Baseline Project	Betterments/ Modifications	1. Award Value:		15,675.00		2. Executed Modifications:			1,277.00	3. Approved Change Orders:		694.89	-	4. Current Contract Value (1 + 2 + 3):		16,369.89	1,277.00	5. Pending Changes:		(1,640.84)		6. Incurred Cost:		13,959.41	1,551.90
		<u>\$ In 000's</u>																																			
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6. Incurred Cost:		13,959.41	1,551.90																																		



Expo Phase 2 OMF Contract Status

<p>Expo Phase 2 Contractor: Kiewit Building Group O&M Facility</p>	<p>Contract No.: XP8902-016 Status as of: 31-Aug-14</p>																																				
<p>Progress/Work Completed: See Page 6</p> <p>Areas of Concern: See Pages 4 and 5</p>	<p>Major Activities (In Progress): See Page 6 and 7</p> <p>Major Activities Next Period: See Page 6 and 7</p>																																				
		<p>Original Contract Dates</p>	<p>Time Extension</p>	<p>Current Contract</p>	<p>Forecast</p>	<p>Variance CDs</p>																															
	<p>Substantial Completion</p>	<p>11/24/14</p>	<p>158</p>	<p>05/01/15</p>	<p>05/01/15</p>	<p>0</p>																															
<p><u>Schedule Summary:</u></p> <p>Date of Award: 05/03/13</p> <p>Limited Notice to Proceed: 06/03/13</p> <p>Original Contract Duration: 540</p> <p>Current Contract Duration: 540</p> <p>Elapsed Time from NTP: 455</p>	<p><u>Cost Summary:</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;">\$ In 000's</th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">Baseline Project</th> <th style="text-align: center;">Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td>1. Award Value:</td> <td></td> <td style="text-align: right;">99,930.56</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td></td> <td style="text-align: right;">(72.55)</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">157.84</td> <td style="text-align: center;">-</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td></td> <td style="text-align: right;">100,088.40</td> <td style="text-align: right;">(72.55)</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: right;">246.50</td> <td style="text-align: center;">-</td> </tr> <tr> <td>6. Incurred Cost:</td> <td></td> <td style="text-align: right;">39,594.16</td> <td style="text-align: right;">(107.40)</td> </tr> </tbody> </table>							\$ In 000's				Baseline Project	Betterments/ Modifications	1. Award Value:		99,930.56		2. Executed Modifications:			(72.55)	3. Approved Change Orders:		157.84	-	4. Current Contract Value (1 + 2 + 3):		100,088.40	(72.55)	5. Pending Changes:		246.50	-	6. Incurred Cost:		39,594.16	(107.40)
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Expo Phase 2 Bikeway Contract Status

<p>Expo Phase 2 Contractor: Skanska/Rados Bikeway Project</p>	<p>Contract No.: XP8903-01 Status as of: 31-Aug-14</p>																																				
<p>Progress/Work Completed: See Page 6</p> <p>Areas of Concern: See Pages 4 and 5</p>	<p>Major Activities (In Progress): See Page 6 and 7</p> <p>Major Activities Next Period: See Page 6 and 7</p>																																				
		<p>Original Contract Dates</p>	<p>Time Extension</p>	<p>Current Contract</p>	<p>Forecast</p>	<p>Variance CDs</p>																															
	<p>Substantial Completion</p>	<p>07/10/15</p>	<p>0</p>	<p>07/10/15</p>	<p>07/10/15</p>	<p>0</p>																															
<p><u>Schedule Summary:</u></p> <p>Date of Award: 01/27/12</p> <p>Limited Notice to Proceed: 08/28/13</p> <p>Original Contract Duration: 681</p> <p>Current Contract Duration: 681</p> <p>Elapsed Time from NTP: 369</p>	<p><u>Cost Summary:</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;"><u>\$ In 000's</u></th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;">Baseline Project</th> <th style="text-align: center;">Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td>1. Award Value:</td> <td></td> <td style="text-align: right;">11,041.06</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td style="text-align: right;">499.00</td> <td></td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">12.78</td> <td style="text-align: center;">-</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td></td> <td style="text-align: right;">11,552.84</td> <td style="text-align: center;">-</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: right;">12.85</td> <td></td> </tr> <tr> <td>6. Incurred Cost:</td> <td></td> <td style="text-align: right;">2,829.47</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>							<u>\$ In 000's</u>				Baseline Project	Betterments/ Modifications	1. Award Value:		11,041.06		2. Executed Modifications:		499.00		3. Approved Change Orders:		12.78	-	4. Current Contract Value (1 + 2 + 3):		11,552.84	-	5. Pending Changes:		12.85		6. Incurred Cost:		2,829.47	-
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