

# Phase 2 Exposition Metro Line Project

## Monthly Project Status Report

September 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 17<sup>th</sup> Street. The alignment follows the center of Colorado Avenue to the proposed terminus in downtown Santa Monica in the vicinity of the intersection of 4<sup>th</sup> 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.

- Various agencies completed the relocations/installation of water meters, overhead lines, and utility poles. Ongoing work includes installation of street lights and traffic signal power service lines, communication boxes, and fire hydrants to support the imminent street widening work.
- Staff continued working with LADWP and SCE to complete the remaining new power service designs including. Ongoing work includes energizing Traction Power Substations (TPSS), installing meters, pulling cable and installation of new power services.

#### **City of Los Angeles**

In the City of Los Angeles (COLA), schedule critical activities include temporary traffic handling, construction submittal approvals, and on-going relocation of utilities. All of the five civil segments have been approved by the Los Angeles Bureau of Engineering (LABOE). 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. Of particular note is the change in the Bundy Station Metro Parking configuration and related street restriping requested by Los Angeles Department of Transportation (LADOT).

#### **City of Santa Monica**

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. Terminus property condemnation has been filed with the court, the hearing date has not yet been set.

#### **Operations and Maintenance Facility (OMF)**

The current project schedule shows Substantial Completion of the OMF on June 12, 2015, approximately six months late. This latest slip is due to delays in 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 Phase 2 project completion.

#### **Bikeway**

The Santa Monica segment design is approved for construction. The COLA segment has been approved by LABOE and is pending approval by other COLA agencies. Bikeway lighting and power drops will start upon receipt of approvals from the COLA.

#### **Trackwork**

The Skanska/Rados Joint Venture (SRJV) trackwork installation is approximately ten (10) weeks behind the Contract Substantial Completion date due to several factors, which include delayed site turnover to track installation subcontractor, delayed ductbank installation, and vibration mitigation design and construction. The contractor is working on a mitigation plan to eliminate or minimize these delays.



**Systems**

Field installation of the train control equipment and communications equipment is proceeding. The initial local field acceptance testing (LFAT) of train control equipment is scheduled to begin in November 2014. The delivery of Metro provided communications equipment is needed to meet the Contractor required 'need' dates with Metro's commissioning of this equipment scheduled to commence the first quarter of 2015. All of the mainline substations have been delivered and are being commissioned by Metro. The Clarington and Overland substations need to be fully commissioned and energized to support Contractor OCS testing by early December 2014. Shipment of the last substation for the Operations and Maintenance Facility (OMF) is late, but should be here in time to meet the needs of the OMF contractor.



### **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;
  - completed the installation of 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;
  - installed ballasted special trackwork, embedded trackwork (Colorado) and direct fixation trackwork on bridges and heating slabs near Stewart and Barrington;
  - advanced soundwalls;
  - advanced TPSS site work (TPSS3, TPSS4, TPSS5, TPSS6, and TPSS7);
  - advanced street improvements including street lighting and traffic signal installation; and
  - continued train control installation.
- SRJV advanced construction submittals and requests for information; Authority staff reviewed and collaborated to resolve previously rejected submittals.
- 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) continued construction of the roadway widening along the south side of Venice Boulevard and started improvements along the north side of Venice Boulevard.

#### **Operations and Maintenance Facility, Kiewit Building Group (KBG)**

- Site Work: continued installation of dry and wet utilities and OCS foundations.
- Main and Secondary Building:
  - Continued the construction of grade beams, slab on grade, and slab on metal deck;
  - completed structural steel erection and welding at the Secondary Building;
  - continued light gauge framing, sheathing, and rough-in of Mechanical Electrical Plumbing (MEP); and
  - continued CMU installation;
  - continued installation of architectural and metal ponds.
- Wash Building & Cleaning Platform
  - Completed working on the Wash Building footings, UG utilities and trench drain;
  - started structural steel erection and welding at the Wash Building; and
  - started working on the Cleaning Platform footings and structural walls.
- TPSS
  - Completed the installation of conduit stub-ups and backfilled.

#### **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, grading, drainage, and electrical conduit installation 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;
  - complete track floating slab (GERB) at Barrington and Stewart;
  - 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;
  - install guideway lighting;
  - advance canopy poles and station paver installation;
  - advance ballasted special trackwork and embedded trackwork (Colorado);
  - advance Street Improvements;
  - weld rail; and
  - complete the Sepulveda Parking structure.
- SCE, DWP, and communication providers advance facilities relocation and provide service.

### 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 along Westwood and Venice Blvd.

### Operations and Maintenance Facility contractor, Kiewit Building Group

- Continue Construction Safety Certification.
- Complete slab on grade (main building).
- Continue light gauge framing and MEP rough-in.
- Install Metal Panels, Architectural Panels and Glazing.
- Weld structural steel Wash Building.
- Construct footings and walls at the Cleaning Platform.
- Set TPSS.
- Complete Site Utilities/OCS Foundation and Begin Special Trackwork.

### Bikeway

- SRJV obtain COLA approval.
- Right of Way activities.
- Negotiate Metro/City license agreements.

### 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 September 30, 2014**

Expo LRT Phase 2 - September 2014		EXPO2-Monthly Report-FTA CODES		13-Oct-14 09:52								
Activity Name		Start	Finish	2014		2015		2016				
				Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Expo LRT Phase 2 - September 2014</b>		04-Aug-11 A	22-May-16									
<b>Milestones and Key Dates</b>												
<b>Overall</b>		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									
<b>Design/Build Contract SRJV</b>		23-May-15	26-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]			31-Jul-15*									
Design-Build Contract - Punchlist Completion (Substantial Completion + 90)			28-Oct-15									
Design-Build Contract - Final Acceptance (Punchlist Completion + 90)			26-Jan-16*									
<b>Maintenance Facility Contract</b>		28-Aug-15	28-Aug-15									
Maintenance Facility - Final Acceptance			28-Aug-15*									
<b>Bike Path</b>		10-Jul-15	10-Jul-15									
Bike Path - Substantial Completion			10-Jul-15									
<b>Owner Furnished Equipment</b>		19-Aug-13 A	31-Mar-15									
<b>TPSS</b>		08-Sep-14 A	25-Nov-14									
Traction Power Substation # 6 (Cloverfield)			08-Sep-14 A									
Traction Power Substation # 7 (17th)			09-Sep-14 A									
Traction Power Substation # 8 (5th)			03-Oct-14*									
Traction Power Substation # 5 (Yard)			25-Nov-14*									
<b>Artwork</b>		19-Aug-13 A	31-Mar-15									
Owner Furnished Items - artwork		19-Aug-13 A	31-Mar-15									
<b>Design/Build Construction</b>		04-Aug-11 A	10-Oct-14									
<b>Final Design</b>		04-Aug-11 A	10-Oct-14									
<b>SRJV</b>		04-Aug-11 A	10-Oct-14									
Roadway Design Packages		04-Aug-11 A	10-Oct-14									
<b>Construction</b>		01-Dec-11 A	25-Sep-15									
<b>Sitework and Special Conditions</b>		01-Dec-11 A	17-Feb-15									
<b>SRJV</b>		01-Dec-11 A	17-Feb-15									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TO 9TH STREET		21-Jun-12 A	21-Oct-14									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 9TH TO 17TH STREET		29-Mar-12 A	24-Oct-14									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK		01-Dec-11 A	29-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-INITIAL SITEWORK		08-Jun-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	17-Feb-15									
<b>VBU</b>		16-Jun-14 A	30-Dec-14									
VBU - PLAZA CONSTRUCTION		01-Oct-14	17-Dec-14									
VBU - ROADWAY CONSTRUCTION		16-Jun-14 A	30-Dec-14									
<b>Guideway and Track Elements</b>		02-Aug-12 A	13-Nov-14									
<b>SRJV</b>		02-Aug-12 A	13-Nov-14									
SEGMENT 1 - GUIDEWAYS AND TRACKS		04-Sep-12 A	22-Sep-14 A									
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS		06-Sep-12 A	24-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									
<b>Stations</b>		08-Feb-12 A	06-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  
September 2014**

D..	Revision	C..	A..



**Critical Path Schedule Continued**

Expo LRT Phase 2 - September 2014		EXPO2-Monthly Report-FTA CODES		13-Oct-14 09:52										
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	06-May-15												
<b>Support Facilities and Yards</b>	04-Jun-13 A	25-Sep-15												
<b>Rail Operation and Maintenance Facility (OMF)</b>	04-Jun-13 A	25-Sep-15												
Maintenance Facility - Construction	04-Jun-13 A	29-Jun-15												
Maintenance Facility - Commissioning Move In	30-Jun-15	25-Sep-15												
<b>Systems</b>	16-Jun-14 A	09-Apr-15												
SEGMENT 1 - SYSTEMS AND EQUIPMENT	16-Jun-14 A	05-Jan-15												
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUIPMENT	29-Sep-14 A	13-Feb-15												
SEGMENT 2 - SYSTEMS AND EQUIPMENT	14-Nov-14	07-Apr-15												
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	24-Oct-14	09-Apr-15												
<b>Testing</b>	30-Oct-14	22-May-15												
OCS SYTEM INTEGRATED TESTING	11-Mar-15	13-Apr-15												
COMMUNICATIONS LOCAL FIELD ACCEPTANCE TESTING	12-Nov-14	01-May-15												
TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING	30-Oct-14	06-May-15												
COMMUNICATIONS SYSTEM INTEGRATION TESTING	04-May-15	22-May-15												
TRAIN CONTROL INTEGRATED SYSTEM TESTING	19-Jan-15	22-May-15												
<b>Bike Path</b>	30-Sep-13 A	10-Jul-15												
BIKE PATH - FINAL DESIGN	30-Sep-13 A	10-Oct-14												
BIKE PATH - CONSTRUCTION	30-Jul-14 A	10-Jul-15												
<b>Start-Up</b>	25-Dec-15	22-May-16												
Rail Activation	25-Dec-15	22-May-16												
<b>Stress Testing</b>	25-Dec-15	22-Feb-16												
System Integration Testing (60)	25-Dec-15	22-Feb-16												
<b>Pre-Revenue Operations</b>	23-Feb-16	22-May-16												
Revenue Service Date (ROD)	22-May-16*													
Pre-Revenue Operations (90)	23-Feb-16	22-May-16												

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

**EXPO 2 CONTROL SCHEDULE  
September 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	675.1	443.6	759.8	-
R	RIGHT-OF-WAY	265.0	257.6	100.6	99.0	257.6	-
V	VEHICLES	202.1	202.1	202.1	74.1	202.1	-
P	PROFESSIONAL SERVICES	148.2	149.7	105.7	90.8	149.7	-
SC	SPECIAL CONDITIONS	63.6	81.9	65.9	49.4	81.9	-
PR	PROJECT RESERVE	66.0	60.1	-	-	60.1	-
<b>TOTAL</b>		<b>1,511.2</b>	<b>1,511.2</b>	<b>1,149.4</b>	<b>757.0</b>	<b>1,511.2</b>	<b>-</b>

NOTE: Expenditures are Paid-to-Date through 8/31/14

**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 September 30, 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>	
<b>Total Sources:</b>	<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	\$ 386.7	\$ 42.0
Other Construction Elements	\$ 165.4	\$ 122.5	\$ 57.0	\$ 42.8
Right-of-Way	\$ 257.6	\$ 100.6	\$ 99.0	\$ 157.0
Professional Services	\$ 149.7	\$ 105.7	\$ 90.8	\$ 44.0
Special Conditions	\$ 81.9	\$ 65.9	\$ 49.4	\$ 15.9
Project Reserve	\$ 60.1	\$ -	\$ -	\$ 60.1
	<u>\$ 1,309.1</u>	<u>\$ 947.3</u>	<u>\$ 682.9</u>	<u>\$ 361.8</u>
<b>Total Uses:</b>	<u>\$ 1,309.1</u>	<u>\$ 947.3</u>	<u>\$ 682.9</u>	<u>\$ 361.8</u>

Paid-to-Date through 8/31/14



**Project Operating Budget Summary in Millions of Dollars**



**Expo**

Sources & Uses of Funds - Phase 2

Status as of September 30, 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	\$	-
<b>Total Sources:</b>	<b>\$ 202.1</b>	<b>\$ 202.1</b>	<b>\$</b>	<b>-</b>

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

Paid-to-Date through 8/31/14



Project Operating Budget Summary in Millions of Dollars



Expo

Sources & Uses of Funds - Phase 2  
 Status as of September 30, 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	\$ -
<b>Total Sources:</b>	<b>\$ 29.4</b>	<b>\$ 29.4</b>	<b>\$ -</b>

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	\$ -	\$ 2.2
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	\$ 4.4	\$ 2.4
CSM Cont. Release - Jacob Guard Rails, Pavers & Landscaping	\$ 1.8	\$ -	\$ -	\$ 1.8
<b>Total Uses:</b>	<b>\$ 29.4</b>	<b>\$ 20.6</b>	<b>\$ 15.7</b>	<b>\$ 8.8</b>

Paid-to-Date through 8/31/14





**Phase 2 Exposition Metro Line Construction Authority Contract Status**

**Expo Phase 2 Design-Build Contract Status**

<b>Expo Phase 2 Contractor: Skanska/Rados</b>		<b>Contract No.: XP8902-002</b>					
		<b>Status as of: 30-Sep-14</b>					
<b>Progress/Work Completed:</b> See Page 6  <b>Areas of Concern:</b> See Pages 4 and 5		<b>Major Activities (In Progress):</b> See Page 6 and 7  <b>Major Activities Next Period:</b> See Page 6 and 7					
			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
<b><u>Schedule Summary:</u></b>		<b><u>Cost Summary:</u></b>					
		<b><u>\$ In 000's</u></b>					
						<b>Baseline Project</b>	<b>Betterments/ Modifications</b>
Date of Award:	05/13/11	1. Award Value:				541,651.27	5,278.94
Limited Notice to Proceed:	05/19/11	2. Executed Modifications:					45,841.30
Original Contract Duration:	1700	3. Approved Change Orders:				3485.67	
Current Contract Duration:	1700	4. Current Contract Value (1 + 2 + 3):				<b>545,136.93</b>	<b>51,120.24</b>
Elapsed Time from NTP:	1,231	5. Pending Changes:				237.77	4,951.88
		6. Incurred Cost:				406,394.95	40,043.07



**Expo Phase 2 VBU Design-Build Contract Status**

<p><b>Expo Phase 2</b> <b>Contractor: Balfour Beatty Infrastructure, Inc.</b></p>	<p><b>Contract No.: XP8901-828</b> <b>Status as of: 30-Sep-14</b></p>																																				
<p><b>Progress/Work Completed:</b> See Page 6</p> <p><b>Areas of Concern:</b> See Pages 4 and 5</p>	<p><b>Major Activities (In Progress):</b> See Page 6 and 7</p> <p><b>Major Activities Next Period:</b> 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><b><u>Schedule Summary:</u></b></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: 1,126</p>	<p><b><u>Cost Summary:</u></b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;"><b>\$ In 000's</b></th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;"><b>Baseline Project</b></th> <th style="text-align: center;"><b>Betterments/ Modifications</b></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>							<b>\$ In 000's</b>				<b>Baseline Project</b>	<b>Betterments/ Modifications</b>	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
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**Expo Phase 2 OMF Contract Status**

<b>Expo Phase 2 Contractor: Kiewit Building Group O&amp;M Facility</b>		<b>Contract No.: XP8902-016</b>					
		<b>Status as of: 30-Sep-14</b>					
<b>Progress/Work Completed:</b> See Page 6  <b>Areas of Concern:</b> See Pages 4 and 5		<b>Major Activities (In Progress):</b> See Page 6 and 7  <b>Major Activities Next Period:</b> See Page 6 and 7					
			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
		Substantial Completion	11/24/14	158	05/01/15	05/01/15	0
<b><u>Schedule Summary:</u></b>		<b><u>Cost Summary:</u></b>		<b><u>\$ In 000's</u></b>			
				<b>Baseline Project</b>	<b>Betterments/ Modifications</b>		
Date of Award:	05/03/13	1. Award Value:		99,930.56			
Limited Notice to Proceed:	06/03/13	2. Executed Modifications:			(72.55)		
Original Contract Duration:	540	3. Approved Change Orders:		157.84	-		
Current Contract Duration:	540	4. Current Contract Value (1 + 2 + 3):		100,088.40	(72.55)		
Elapsed Time from NTP:	485	5. Pending Changes:		320.05	-		
		6. Incurred Cost:		44,963.94	(107.40)		



**Expo Phase 2 Bikeway Contract Status**

<p><b>Expo Phase 2 Contractor: Skanska/Rados Bikeway Project</b></p>	<p><b>Contract No.: XP8903-01</b> <b>Status as of: 30-Sep-14</b></p>																																				
<p><b>Progress/Work Completed:</b> See Page 6</p> <p><b>Areas of Concern:</b> See Pages 4 and 5</p>	<p><b>Major Activities (In Progress):</b> See Page 6 and 7</p> <p><b>Major Activities Next Period:</b> 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><b><u>Schedule Summary:</u></b></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: 399</p>	<p><b><u>Cost Summary:</u></b></p> <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2" style="text-align: center;"><b>\$ In 000's</b></th> </tr> <tr> <th colspan="2"></th> <th style="text-align: center;"><b>Baseline Project</b></th> <th style="text-align: center;"><b>Betterments/ Modifications</b></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;">25.63</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;">11,565.69</td> <td style="text-align: center;">-</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: right;">473.19</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>							<b>\$ In 000's</b>				<b>Baseline Project</b>	<b>Betterments/ Modifications</b>	1. Award Value:		11,041.06		2. Executed Modifications:		499.00		3. Approved Change Orders:		25.63	-	4. Current Contract Value (1 + 2 + 3):		11,565.69	-	5. Pending Changes:		473.19		6. Incurred Cost:		2,829.47	-
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