

# Phase 2 Exposition Metro Line Project

## Monthly Project Status Report

July 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.

- 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). 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 both Bundy and 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 such as water meters. 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. Civil 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. Expo is proceeding with negotiating with the Contractor to implement.

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

In the City of Santa Monica (CSM), the schedule critical path includes SCE relocations on Colorado and continues with the installation of track work followed by the installation and testing of the overhead catenary power and train control systems. The Colorado intersections at 5<sup>th</sup> Street, Lincoln Boulevard, 11<sup>th</sup> Street, 17<sup>th</sup> Street, 19<sup>th</sup> Street, 20<sup>th</sup> Street, Stewart Street, and 26<sup>th</sup> Street rail crossing installations are complete, SRJV is working on a schedule for remaining trackwork road crossings. 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 project schedule shows Substantial Completion of the OMF on May 1, 2015, approximately five (5) months late. The project slipped due to multiple reasons including differing site conditions, delay in receipt of Traction Power Substation Final Design, and incorporation of vital train control. Negotiations are underway to apportion cost responsibilities between the parties for the delay. The OMF delay does not affect the overall Project Substantial 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. Funding for the Exposition/Centinela intersection betterment costs has been identified by the COLA and the Authority is negotiating with the Contractor on final pricing. Construction (site clearing) started in late April and soil remediation is near completion. 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 approximately six (6) weeks behind the Contract Substantial Completion date due to several factors, which include delayed site turnover, delay in ductbank installation, and vibration mitigation design and construction. The contractor is working on a mitigation plan to eliminate or minimize this delay.



### **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 excavation and 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 guideway ballast curb;
  - installed OCS poles and wire;
  - installed poles for canopies and pavers at stations;
  - ballasted special trackwork (at Military and National) and embedded trackwork (Colorado);
  - advanced TPSS site work (TPSS3, TPSS4, TPSS5, TPSS6, and TPSS7);
  - advanced retaining walls (National to Clarington, Putney to Overland), soundwalls (I-10 to Overland), and MSE walls (Pico West, Bundy East, Bundy to Stewart, Olympic to 20th);
  - advanced bridges (Sepulveda, Pico, Bundy, Olympic);
  - advanced all stations;
- SRJV advanced construction submittals and requests for information; Authority staff reviewed.
- SCE, DWP, and communications providers continued to relocate facilities.

#### **Venice Boulevard Underpass Design-Build contractor**

- The Expo Phase 2 contractor (SRJV) completed the work on the Venice Blvd. median and continued preparing construction submittals for the follow-up roadway widening.

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

- Site Work:
  - Continued installation of dry and wet utilities
  - OCS foundation Installation
  - Weld Rail
- Main and Secondary Building:
  - Pour slab on grade West side Main Bldg
  - Continue grade beam forms and place concrete
  - Continue level 2 metal decking and rebar
  - Continued structural steel erection and welding,
  - Continue light gauge framing
  - Above and below grade MEP installations
  - Truckwash slab on grade
- Wash Building & Cleaning Platform
  - Fill, grade and compact platform pad
  - Form, pour and strip footings
  - MEP installation
  - Install rebar for trench drain & place concrete trench invert

#### **Bikeway**

- SRJV advanced final Bikeway design. Bikeway Contractor working with the COLA to resolve final comments. Right of Way / Lease modifications 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:
  - perform excavation and grading to support guideway construction activities;
  - install track floating slab 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 retaining walls, soundwalls, and MSE walls;
  - advance bridges;
  - advance stations;
  - advance OCS poles and wire installation;
  - advance canopy poles and station paver installation;
  - advance ballasted special trackwork (at Military and National) and embedded trackwork (Colorado);
  - widen roadway;
  - 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

- Design Safety Certification
- Construction Safety Certification
- Complete slab on grade (main building)
- Erect structural steel Secondary Building

### 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 July 31, 2014**

Expo LRT Phase 2 - July 2014		EXPO2-Monthly Report-FTA CODES		11-Aug-14 09:52							
Activity Name	Start	Finish	2014		2015			2016			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4		
<b>Expo LRT Phase 2 - July 2014</b>	04-Aug-11 A	22-May-16									
<b>Milestones and Key Dates</b>	01-Sep-11 A	06-Jan-16									
<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	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*									
<b>Maintenance Facility Contract</b>	02-Jul-15	02-Jul-15									
Maintenance Facility - Final Acceptance		02-Jul-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>	30-Aug-14	27-Oct-14									
Traction Power Substation # 6 (Cloverfield)		30-Aug-14*									
Traction Power Substation # 7 (17th)		08-Sep-14*									
Traction Power Substation # 8 (5th)		03-Oct-14*									
Traction Power Substation # 5 (Yard)		27-Oct-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	12-Aug-14									
<b>Final Design</b>	04-Aug-11 A	12-Aug-14									
<b>SAJV</b>	04-Aug-11 A	12-Aug-14									
Roadway Design Packages	04-Aug-11 A	12-Aug-14									
<b>Construction</b>	01-Dec-11 A	30-Jul-15									
<b>Sitework and Special Conditions</b>	01-Dec-11 A	24-Feb-15									
<b>SAJV</b>	01-Dec-11 A	24-Feb-15									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TO 9TH STREET	21-Jun-12 A	07-Aug-14									
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	08-Jun-12 A	21-Aug-14									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 9TH TO 17TH STREET	29-Mar-12 A	29-Aug-14									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	01-Dec-11 A	09-Sep-14									
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	05-Mar-12 A	07-Nov-14									
SEGMENT 3 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS COLORADO N 4TH TO 9TH	25-Sep-14	02-Dec-14									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	24-Mar-14 A	11-Dec-14									
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	24-Mar-14 A	16-Jan-15									
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	16-Jun-14 A	24-Feb-15									
<b>VBU</b>	16-Jun-14 A	17-Oct-14									
VBU - ROADWAY CONSTRUCTION	16-Jun-14 A	15-Oct-14									
VBU - PLAZA CONSTRUCTION	01-Aug-14	17-Oct-14									
<b>Guideway and Track Elements</b>	02-Aug-12 A	20-Oct-14									
<b>SAJV</b>	02-Aug-12 A	20-Oct-14									
SEGMENT 1 - GUIDEWAYS AND TRACKS	04-Sep-12 A	18-Aug-14									
SEGMENT 2 - GUIDEWAYS AND TRACKS	02-Aug-12 A	06-Oct-14									
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS	06-Sep-12 A	15-Oct-14									
SEGMENT 3 - COLORADO GUIDEWAYS AND TRACKS	13-Aug-13 A	20-Oct-14									
<b>Stations</b>	08-Feb-12 A	06-May-15									
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - STATIONS	10-Apr-13 A	29-Jan-15									
SEGMENT 1 - STATIONS	21-Jan-13 A	30-Jan-15									
SEGMENT 2 - STATIONS AND PARKING	08-Feb-12 A	13-Mar-15									

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

**EXPO 2 CONTROL SCHEDULE**  
**July 2014**

D..	Revision	C..	A..



**Critical Path Schedule Continued**

Expo LRT Phase 2 - July 2014		EXPO2-Monthly Report-FTA CODES		11-Aug-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	[Gantt bars for 2014-2016]										
<b>Support Facilities and Yards</b>													
<i>Rail Operation and Maintenance Facility (OMF)</i>													
Maintenance Facility - Construction	04-Jun-13 A	30-Jul-15	[Gantt bars]										
Maintenance Facility - Commissioning Move In	04-Jun-13 A	01-May-15	[Gantt bars]										
<b>Systems</b>													
SEGMENT 1 - SYSTEMS AND EQUIPMENT	16-Jun-14 A	09-Apr-15	[Gantt bars]										
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUIPMENT	16-Jun-14 A	15-Jan-15	[Gantt bars]										
SEGMENT 2 - SYSTEMS AND EQUIPMENT	24-Sep-14	13-Feb-15	[Gantt bars]										
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	07-Oct-14	07-Apr-15	[Gantt bars]										
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	24-Sep-14	09-Apr-15	[Gantt bars]										
<b>Testing</b>													
OCS SYTEM INTEGRATED TESTING	16-Oct-14	22-May-15	[Gantt bars]										
OCS SYTEM INTEGRATED TESTING	11-Mar-15	13-Apr-15	[Gantt bars]										
COMMUNICATIONS LOCAL FIELD ACCEPTANCE TESTING	12-Nov-14	01-May-15	[Gantt bars]										
TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING	18-Oct-14	06-May-15	[Gantt bars]										
COMMUNICATIONS SYSTEM INTEGRATION TESTING	04-May-15	22-May-15	[Gantt bars]										
TRAIN CONTROL INTEGRATED SYSTEM TESTING	19-Jan-15	22-May-15	[Gantt bars]										
<b>Bike Path</b>													
BIKE PATH - FINAL DESIGN	30-Sep-13 A	10-Jul-15	[Gantt bars]										
BIKE PATH - CONSTRUCTION	30-Sep-13 A	29-Aug-14	[Gantt bars]										
<b>Start-Up</b>													
Rail Activation	25-Dec-15	22-May-16	[Gantt bars]										
<b>Stress Testing</b>													
System Integration Testing (60)	25-Dec-15	22-May-16	[Gantt bars]										
<b>Pre-Revenue Operations</b>													
Revenue Service Date (ROD)	23-Feb-16	22-May-16	[Gantt bars]										
Pre-Revenue Operations (90)	22-May-16*	22-May-16	[Gantt bars]										

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

**EXPO 2 CONTROL SCHEDULE  
July 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	674.1	403.4	759.8	-
R	RIGHT-OF-WAY	265.0	257.6	100.2	98.5	257.6	-
V	VEHICLES	202.1	202.1	202.1	74.1	202.1	-
P	PROFESSIONAL SERVICES	148.2	149.7	104.0	87.0	149.7	-
SC	SPECIAL CONDITIONS	63.6	81.9	64.5	47.7	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>1,144.8</b>	<b>710.8</b>	<b>1,511.2</b>	<b>-</b>

NOTE: Expenditures are Paid-to-Date through 6/30/14

**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 July 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
	\$ 1,309.1	\$ 940.8	\$ 368.3
<b>Total Sources:</b>	<b>\$ 1,309.1</b>	<b>\$ 940.8</b>	<b>\$ 368.3</b>

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Design-Build Corridor	\$ 594.5	\$ 552.4	\$ 362.1	\$ 42.1
Other Construction Elements	\$ 165.4	\$ 121.7	\$ 41.3	\$ 43.7
Right-of-Way	\$ 257.6	\$ 100.2	\$ 98.5	\$ 157.4
Professional Services	\$ 149.7	\$ 104.0	\$ 87.0	\$ 45.7
Special Conditions	\$ 81.9	\$ 64.5	\$ 47.7	\$ 17.3
Project Reserve	\$ 60.1	\$ -	\$ -	\$ 60.1
<b>Total Uses:</b>	<b>\$ 1,309.1</b>	<b>\$ 942.7</b>	<b>\$ 636.6</b>	<b>\$ 366.4</b>

Paid-to-Date through 6/30/14



Project Operating Budget Summary in Millions of Dollars



**Expo**

Sources & Uses of Funds - Phase 2

Status as of July 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	\$ -
<b>Total Sources:</b>	<b>\$ 202.1</b>	<b>\$ 202.1</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 6/30/14



Project Operating Budget Summary in Millions of Dollars



Expo

Sources & Uses of Funds - Phase 2

Status as of July 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	\$ -
<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	\$ 1.5	\$ -	\$ -
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	\$ 6.8	\$ 5.9	\$ 0.9
4th Street Terminus Station P.E.	\$ 0.5	\$ 0.4	\$ 0.4	\$ 0.1
4th Street Terminus Station Construction	\$ 8.0	\$ 5.6	\$ 2.9	\$ 2.4
CSM Cont. Release - Jacob Guard Rails, Pavers & Landscaping	\$ 1.8	\$ -	\$ -	\$ -
<b>Total Uses:</b>	<b>\$ 29.4</b>	<b>\$ 21.7</b>	<b>\$ 14.6</b>	<b>\$ 3.5</b>

Paid-to-Date through 6/30/14





**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: 31-Jul-14</b>				
<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>				
		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>Schedule Summary:</b>		<b>Cost Summary:</b>		<b>\$ In 000's</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:			43,921.15	
Original Contract Duration:	1700	3. Approved Change Orders:		3408.13		
Current Contract Duration:	1700	4. Current Contract Value (1 + 2 + 3):		<b>545,059.39</b>	<b>49,200.09</b>	
Elapsed Time from NTP:	1,170	5. Pending Changes:		271.55	4,612.21	
		6. Incurred Cost:		380,733.96	36,646.81	



**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: 31-Jul-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: 1,065</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</b> <b>Contractor: Kiewit Building Group</b> <b>O&amp;M Facility</b>		<b>Contract No.: XP8902-016</b>  <b>Status as of: 31-Jul-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>Schedule Summary:</b>		<b>Cost Summary:</b>		<b>\$ In 000's</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:	424	5. Pending Changes:		246.50			
		6. Incurred Cost:		34,728.28	(107.40)		



**Expo Phase 2 Bikeway Contract Status**

<b>Expo Phase 2</b> <b>Contractor: Skanska/Rados</b> <b>Bikeway Project</b>		<b>Contract No.: XP8903-01</b>  <b>Status as of: 31-Jul-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
<b>Schedule Summary:</b>		<b>Cost Summary:</b>				<b>\$ In 000's</b>	
				<b>Baseline Project</b>	<b>Lettlements/ Modifications</b>		
Date of Award:	01/27/12	1. Award Value:		11,041.06			
Limited Notice to Proceed:	08/28/13	2. Executed Modifications:		499.00			
Original Contract Duration:	681	3. Approved Change Orders:		12.78	-		
Current Contract Duration:	681	4. Current Contract Value (1 + 2 + 3):		11,552.84	-		
Elapsed Time from NTP:	338	5. Pending Changes:		12.85			
		6. Incurred Cost:		2,605.34	-		