

# Phase 2 Exposition Metro Line Project

## Monthly Project Status Report

May 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 and the Southern California Gas Company (SCG) 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 in conflict with proposed project structures.
- Various agencies continued scheduling and relocating gas meters, 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's contractor installed three steel pole foundations at Sepulveda and one foundation at Bundy. Ongoing SCE work includes installing engineered steel poles, ductbanks, vaults, electrical equipment, pulling new cable, and energizing the new underground distribution and transmission systems. The Authority and SCE are in the process of finalizing the cost share agreement.
- Staff assisted the contractor in resolving utility conflicts encountered during installation of SCE's ductbank at the intersection of Colorado and Lincoln. The SCE ductbank across this intersection is complete and SCE began pulling new power cables. SCE is targeted to complete their relocation work on Colorado at the end of next month.

SCE power line relocations on Colorado are on the Project schedule's critical path. The Authority, the City of Santa Monica, SCE, and the Design-Build contractor continue to collaborate through staff level working meetings, and executive management meetings to recover schedule on Colorado, such as: working with the City to optimize traffic control in order to increase working days and hours, adding crews, increasing SCE inspection staff availability, re-phasing installation of track across multiple at-grade crossings simultaneously, working longer shifts, scheduling multiple power outages simultaneously, and continuous active coordination with SCE and the design-builder's construction activities.



### **City of Los Angeles**

In the City of Los Angeles, schedule near-critical activities include design approvals, and relocation of utilities. Four of the five civil segments have been approved by the Los Angeles Bureau of Engineering. The Authority is collaborating with the City of Los Angeles to approve the final civil segment. Civil construction has started on Bagley, Overland, and Westwood. The City of LA requested an intersection change at Centinela and Exposition Blvd to accommodate the bike path crossing. Funding needs to be identified by the City 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, 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 and train control systems. The Colorado and Lincoln rail crossing installation is complete, SRJV is working on a schedule for remaining trackwork road crossings. The Authority is collaborating with the City of Santa Monica to resolve issues including lighting betterments, terminus station betterments, street running operations, temporary street closures for construction, and bikeway-related details.

### **Venice Boulevard Underpass (VBU)**

The VBU Design-Build contractor completed all bridge work required for substantial completion. Contractor continued working on completion of work and documents required for Final Acceptance.

The Expo Phase 2 contractor (SRJV) was issued a contract modification for the remaining Venice Blvd. roadway work. SRJV began the reconstruction of the Venice Blvd median work this month.

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

The Contractor has submitted a revised schedule which shows Substantial Completion of the OMF on April 30, 2015. This results in approximately five (5) months in delay. The delay is attributable to differing site conditions, delay in receipt of TPSS 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 City of Santa Monica and is approved for construction. Funding for the Exposition/Centinela intersection betterment costs need to be identified by the City of Los Angeles. Contingency funding is insufficient to cover this betterment cost. Construction (clearing) started in late April and full construction in the Los Angeles segment will start upon receipt of all approvals from the City of Los Angeles.



### **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 Colorado);
  - installed CS duct banks/manholes;
  - installed guideway ballast curb;
  - 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 (Palms, Motor, Sepulveda, Pico, Bundy, Centinela, 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**

- Balfour Beatty Infrastructure, Inc. (BBII) completed all bridge construction work including punch list
- The Expo Phase 2 contractor (SRJV) continued work on the Venice Blvd. median and 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
  - Cistern excavation, subgrade, liner and install precast sections; hydro test of installation passed
  - Removed unforeseen ACM pipe, water pipe and concrete footings
- Main and Secondary Building:
  - Continued telecom underground distribution and electrical underground distribution
  - Continued installation of car hoists and elevator; waterproof elevator pit
  - Continued structural steel erection, level 2 metal decking and roof framing

#### **Bikeway**

- SRJV advanced final Bikeway design.
- Final design is in progress –100% plans were submitted to the City of Los Angeles in April and City of Santa Monica in March 2014; City of Santa Monica has granted their approval.
- Right of Way / Lease modifications





## **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 wet utilities and dry utility duct banks/vaults on behalf of SCE;
  - 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;
  - widen roadway;
  - weld rail;
  - complete the Sepulveda Parking structure.
- SCE, DWP, and communications 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 median reconstruction.
- Culver City Station Plaza design is currently being modified to incorporate modifications related to a future development adjacent to the station as requested by Culver City and Metro.

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

- Commence planning for overhead MEPs; track welding; building precast; slab on metal deck
- Finalize SCE primary electrical and begin installation
- Design Safety Certification

### **Bikeway**

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

### **General**

- Continue coordination with the Cities of Los Angeles and Santa Monica, 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 May 31, 2014**

Expo LRT Phase 2 - May 2014		EXPO2-Monthly Report-FTA CODES		16-Jun-14 11:20							
Activity Name	Start	Finish	2014		2015			2016			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Expo LRT Phase 2 - May 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	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>Venice Boulevard Bridge (BBII)</b>	28-Mar-14 A	28-Mar-14 A									
VBU - Design-Build Contract Substantial Completion		28-Mar-14 A									
<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>	18-Jun-14	29-Aug-14									
Traction Power Substation # 4 (Barrington)		18-Jun-14*									
Traction Power Substation # 6 (Cloverfield)		30-Jul-14*									
Traction Power Substation # 5 (Yard)		08-Aug-14*									
Traction Power Substation # 8 (5th)		11-Aug-14*									
Traction Power Substation # 7 (17th)		29-Aug-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	11-Jun-14									
<b>Final Design</b>	04-Aug-11 A	11-Jun-14									
<b>SRJV</b>	04-Aug-11 A	11-Jun-14									
Wet Utilities Design Packages	04-Aug-11 A	11-Jun-14									
Roadway Design Packages	04-Aug-11 A	11-Jun-14									
Traffic Signal Design Packages	08-Aug-11 A	11-Jun-14									
<b>Construction</b>	01-Dec-11 A	30-Jul-15									
<b>Sitework and Special Conditions</b>	01-Dec-11 A	04-Feb-15									
<b>SRJV</b>	01-Dec-11 A	04-Feb-15									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	01-Dec-11 A	13-Jun-14									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 9TH TO 17TH STR...	29-Mar-12 A	13-Jun-14									
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	08-Jun-12 A	20-Jun-14									
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TO 9TH STRE...	21-Jun-12 A	02-Jul-14									
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	05-Mar-12 A	09-Oct-14									
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	24-Mar-14 A	31-Oct-14									
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEM...	24-Mar-14 A	11-Dec-14									
SEGMENT 3 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS COLORADO N 4T...	07-Oct-14	12-Dec-14									
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	02-Jun-14	04-Feb-15									
<b>VBU</b>	02-Jun-14	30-Sep-14									
VBU - PLAZA CONSTRUCTION	02-Jun-14	18-Aug-14									
VBU - ROADWAY CONSTRUCTION	02-Jun-14*	30-Sep-14									
<b>Guideway and Track Elements</b>	02-Aug-12 A	06-Oct-14									
<b>SRJV</b>	02-Aug-12 A	06-Oct-14									
SEGMENT 1 - GUIDEWAYS AND TRACKS	04-Sep-12 A	14-Jul-14									

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

**EXPO 2 CONTROL SCHEDULE  
May 2014**

D..	Revision	C..	A..



**Critical Path Schedule Continued**

Expo LRT Phase 2 - May 2014	EXPO2-Monthly Report-FTA CODES	16-Jun-14 11:20											
Activity Name	Start	Finish	2014			2015				2016			
			Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS	06-Sep-12 A	16-Jul-14											
SEGMENT 2 - GUIDEWAYS AND TRACKS	02-Aug-12 A	04-Sep-14											
SEGMENT 3 - COLORADO GUIDEWAYS AND TRACKS	13-Aug-13 A	08-Oct-14											
<b>Stations</b>	08-Feb-12 A	06-May-15											
SEGMENT 1 - STATIONS	21-Jan-13 A	21-Nov-14											
SEGMENT 2 - STATIONS AND PARKING	08-Feb-12 A	14-Jan-15											
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - STATIONS	10-Apr-13 A	10-Mar-15											
SEGMENT 3 - COLORADO TERMINUS STATION	19-Mar-13 A	06-May-15											
<b>Support Facilities and Yards</b>	04-Jun-13 A	30-Jul-15											
<b>Rail Operation and Maintenance Facility (OMF)</b>	04-Jun-13 A	30-Jul-15											
Maintenance Facility - Construction	04-Jun-13 A	01-May-15											
Maintenance Facility - Commissioning Move In	04-May-15	30-Jul-15											
<b>Systems</b>	02-Jun-14	09-Apr-15											
SEGMENT 2 - SYSTEMS AND EQUIPMENT	26-Jun-14	04-Feb-15											
SEGMENT 1 - SYSTEMS AND EQUIPMENT	02-Jun-14	19-Feb-15											
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUIPMENT	27-Jun-14	31-Mar-15											
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	06-Aug-14	09-Apr-15											
<b>Testing</b>	23-Jul-14	22-May-15											
OCS SYTEM INTEGRATED TESTING	02-Dec-14	27-Feb-15											
TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING	23-Jul-14	28-Apr-15											
COMMUNICATIONS L LOCAL FIELD ACCEPTANCE TESTING	15-Oct-14	01-May-15											
COMMUNICATIONS SYSTEM INTEGRATION TESTING	04-May-15	22-May-15											
TRAIN CONTROL INTEGRATED SYSTEM TESTING	15-Sep-14	22-May-15											
<b>Bike Path</b>	30-Sep-13 A	10-Jul-15											
BIKE PATH - FINAL DESIGN	30-Sep-13 A	30-Jun-14											
BIKE PATH - CONSTRUCTION	01-Jul-14	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  
May 2014**

D..	Revision	C..	A..



**Schedule Narrative**

**Critical and Near-Critical Path Analysis**

With the power relocation on Colorado Avenue in the City of Santa Monica nearing completion, the Critical Path shifts 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 MSE walls followed by guideway grading, OCS foundation and ductbank installation, between Military and Centinela Avenue, are 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	671.7	369.5	759.8	-
R	RIGHT-OF-WAY	265.0	257.6	100.0	98.4	257.6	-
V	VEHICLES	202.1	202.1	202.1	74.1	202.1	-
P	PROFESSIONAL SERVICES	148.2	149.7	102.6	83.6	149.7	-
SC	SPECIAL CONDITIONS	63.6	81.9	59.6	46.1	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>1,136.0</b>	<b>671.7</b>	<b>1,511.2</b>	<b>-</b>

NOTE: Expenditures are Paid-to-Date through 4/30/14

**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 May 31, 2014

**Metro / Expo Baseline Activities**

Sources of Funds (millions)	A	B	C = A - B
Source	Budget	Funding Committed	Uncommitted
Prop A 35%	\$ 238.0	\$ -	\$ 238.0
Prop C 25%	\$ 115.3	\$ 2.6	\$ 112.7
Measure R	\$ 785.4	\$ 631.3	\$ 154.1
Prop 1B Bonds - PTMISEA	\$ 48.9	\$ 48.4	\$ 0.5
Prop 1B Bonds - SLPP	\$ 28.3	\$ 28.4	\$ -
Regional Improvement Program (State)	\$ 47.8	\$ 47.8	\$ 0.0
Local Agency Contribution	\$ 45.3	\$ 45.3	\$ 0.0
	\$ 1,309.1	\$ 803.8	\$ 505.4
<b>Total Sources:</b>	<b>\$ 1,309.1</b>	<b>\$ 803.8</b>	<b>\$ 505.4</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	\$ 338.9	\$ 42.2
Other Construction Elements	\$ 165.4	\$ 119.3	\$ 30.6	\$ 46.1
Right-of-Way	\$ 257.6	\$ 100.0	\$ 98.4	\$ 157.6
Professional Services	\$ 149.7	\$ 102.6	\$ 83.6	\$ 47.0
Special Conditions	\$ 81.9	\$ 59.6	\$ 46.1	\$ 22.3
Project Reserve	\$ 60.1	\$ -	\$ -	\$ 60.1
<b>Total Uses:</b>	<b>\$ 1,309.1</b>	<b>\$ 933.9</b>	<b>\$ 597.6</b>	<b>\$ 375.2</b>

Paid-to-Date through 4/30/14



Project Operating Budget Summary in Millions of Dollars



**Expo**

Sources & Uses of Funds - Phase 2

Status as of May 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	\$ -
	<u>\$ 202.1</u>	<u>\$ 202.1</u>	<u>\$ -</u>
Total Sources:	<u>\$ 202.1</u>	<u>\$ 202.1</u>	<u>\$ -</u>

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:	<u>\$ 202.1</u>	<u>\$ 202.1</u>	<u>\$ 74.1</u>	<u>\$ -</u>

Paid-to-Date through 4/30/14



Project Operating Budget Summary in Millions of Dollars



Expo

Sources & Uses of Funds - Phase 2  
 Status as of May 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	\$ 2.8	\$ -
COLA - Greenway Project Culvert	\$ 0.1	\$ 0.1	\$ -	\$ -
Metro - Various Betterments (Metro Board Approved 4/17/14)	\$ 3.9	\$ 0.9	\$ -	\$ -
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	\$ 1.3	\$ 2.4
CSM Cont. Release - Jacob Guard Rails, Pavers & Landscaping	\$ 1.8	\$ -	\$ -	\$ -
<b>Total Uses:</b>	<b>\$ 29.4</b>	<b>\$ 21.1</b>	<b>\$ 12.2</b>	<b>\$ 3.5</b>

Paid-to-Date through 4/30/14





**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-May-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:				43,907.78	
Original Contract Duration:	1700	3. Approved Change Orders:			3358.92		
Current Contract Duration:	1700	4. Current Contract Value (1 + 2 + 3):			<b>545,010.19</b>	<b>49,186.72</b>	
Elapsed Time from NTP:	1,109	5. Pending Changes:			115.02	3,434.39	
		6. Incurred Cost:			356,378.38	33,725.68	



**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-May-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>Schedule Summary:</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: 1,004</p>	<p><b>Cost Summary:</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;">15,675.00</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td></td> <td style="text-align: right;">1,551.90</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">2,515.32</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;">18,190.32</td> <td style="text-align: right;">1,551.90</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: right;">(1,632.71)</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:			1,551.90	3. Approved Change Orders:		2,515.32	-	4. Current Contract Value (1 + 2 + 3):		18,190.32	1,551.90	5. Pending Changes:		(1,632.71)		6. Incurred Cost:		13,959.41	1,551.90
		<b>\$ In 000's</b>																																			
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6. Incurred Cost:		13,959.41	1,551.90																																		



**Expo Phase 2 OMF Contract Status**

<p><b>Expo Phase 2 Contractor: Kiewit Building Group O&amp;M Facility</b></p>	<p><b>Contract No.: XP8902-016</b> <b>Status as of: 31-May-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>11/24/14</p>	<p>158</p>	<p>05/01/15</p>	<p>05/01/15</p>	<p>0</p>																															
<p><b>Schedule Summary:</b></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: 363</p>	<p><b>Cost Summary:</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;">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;">(606.40)</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">32.31</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;">99,962.87</td> <td style="text-align: right;">(606.40)</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: right;">277.04</td> <td style="text-align: right;">533.84</td> </tr> <tr> <td>6. Incurred Cost:</td> <td></td> <td style="text-align: right;">25,172.66</td> <td style="text-align: right;">(107.40)</td> </tr> </tbody> </table>							<b>\$ In 000's</b>				Baseline Project	Betterments/ Modifications	1. Award Value:		99,930.56		2. Executed Modifications:			(606.40)	3. Approved Change Orders:		32.31	-	4. Current Contract Value (1 + 2 + 3):		99,962.87	(606.40)	5. Pending Changes:		277.04	533.84	6. Incurred Cost:		25,172.66	(107.40)
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**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: 31-May-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: 277</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;">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: center;">-</td> <td></td> </tr> <tr> <td>6. Incurred Cost:</td> <td></td> <td style="text-align: right;">2,483.95</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:		12.78	-	4. Current Contract Value (1 + 2 + 3):		11,552.84	-	5. Pending Changes:		-		6. Incurred Cost:		2,483.95	-
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