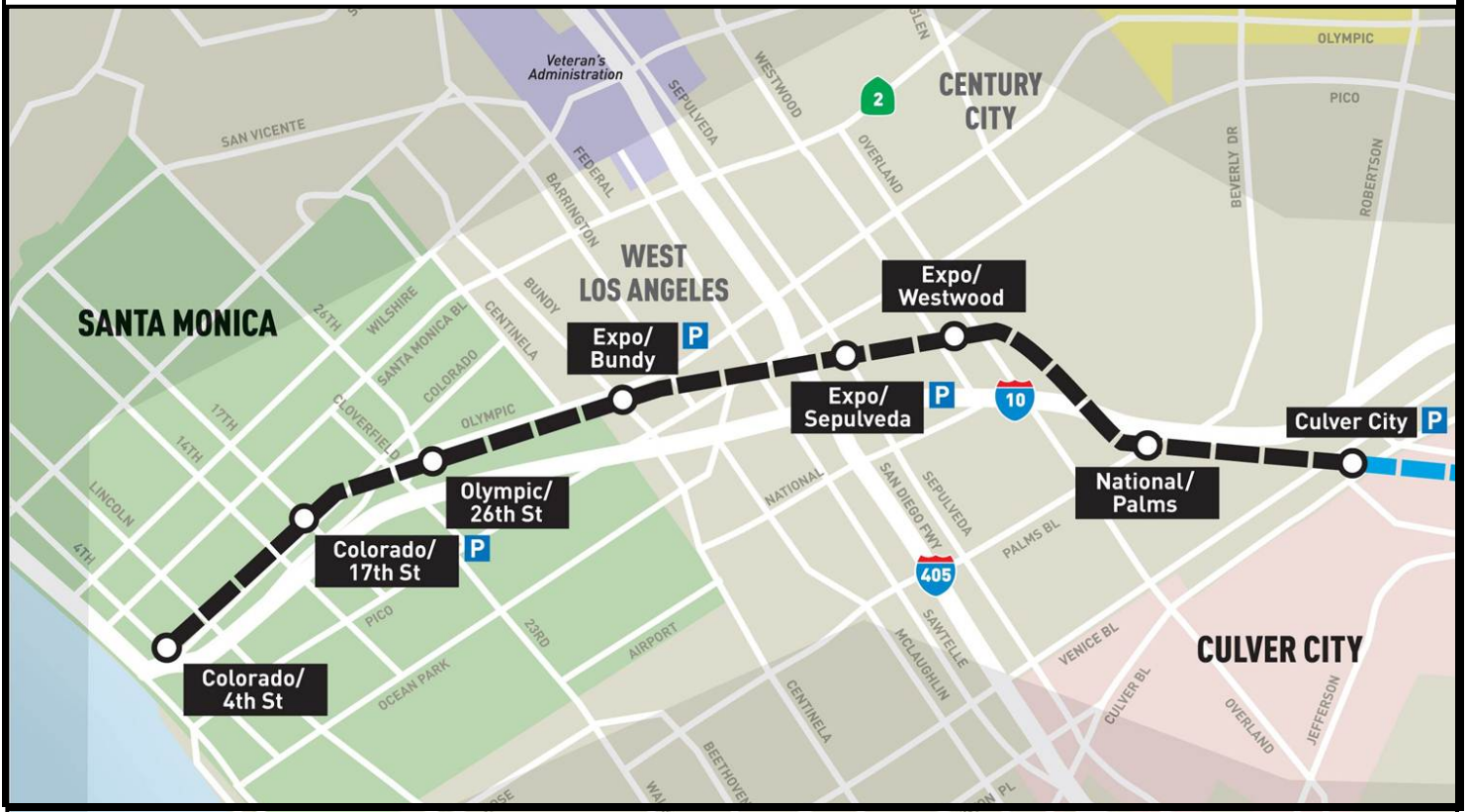


# Phase 2 Exposition Metro Line Project

## Monthly Project Status Report

February 2014







**TABLE OF CONTENTS**

**PHASE 2 EXPO LINE PROJECT STATUS**

<b>TABLE OF CONTENTS.....</b>	<b>2</b>
<b>Phase 2 Exposition Metro Line Construction Authority Project Description.....</b>	<b>3</b>
<b>Phase 2 Exposition Metro Line Construction Authority Culver City to Santa Monica Segment .....</b>	<b>4</b>
<b>Project Management Issues .....</b>	<b>4</b>
<b>Key Activities Completed this Period.....</b>	<b>6</b>
<b>Key Future Activities.....</b>	<b>7</b>
<b>Phase 2 Exposition Metro Line Construction Authority Schedule Status.....</b>	<b>8</b>
<b>Critical Path Schedule .....</b>	<b>8</b>
<b>Schedule Narrative.....</b>	<b>10</b>
<b>Phase 2 Exposition Metro Line Construction Authority Financial Status .....</b>	<b>11</b>
<b>Project Cost Status and Analysis .....</b>	<b>11</b>
<b>Expo Baseline Activities.....</b>	<b>12</b>
<b>Metro Baseline Activities - Vehicles .....</b>	<b>13</b>
<b>Non-Baseline Activities .....</b>	<b>14</b>
<b>Phase 2 Exposition Metro Line Construction Authority Contract Status.....</b>	<b>15</b>
<b>Expo Phase 2 Design-Build Contract Status .....</b>	<b>15</b>
<b>Expo Phase 2 VBU Design-Build Contract Status.....</b>	<b>16</b>
<b>Expo Phase 2 OMF Contract Status .....</b>	<b>17</b>
<b>Expo Phase 2 Bikeway Contract Status .....</b>	<b>18</b>





**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 relocations required to accommodate the Project. The Authority also worked with multiple communications providers, Southern California Gas Company (SCG) and ExxonMobil to advance the relocation of their facilities.

- LADWP crews continued to remove overhead power line conflicts with the proposed project aerial structures; multiple LADWP construction crews continued relocating remaining overhead power lines underground. LADWP continued to finalize new power service designs for traction power substations, 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 and stations.
- LADWP provided water and power service to the Sepulveda parking garage in order to obtain a temporary certificate of occupancy for LADOT parking enforcement vehicles. Telephone service was provided to the garage.
- Various communication providers continued relocating their remaining facilities in conflict with proposed project structures.
- On February 25, 2014, ExxonMobil completed the removal of the idle underground pipeline in conflict with SCE's proposed transmission facilities along the east side of Sepulveda Boulevard. Removal of the abandoned SCG pipeline in conflict with SCE transmission facilities was rescheduled to March 28, 2014.
- Staff continued working with SCE to complete the remaining new power service designs and begin their construction. Ongoing SCE work includes installing engineered steel poles and their foundations, a small amount of remaining duct banks, vaults, electrical equipment, pulling new cable, and energizing the new underground distribution and transmission systems. The Authority and SCE continued discussions regarding cost sharing for SCE betterments.
- Staff is assisting the contractor to resolve utility conflicts encountered during installation of SCE ductbank at Colorado/Lincoln in time to meet the April 2014 track crossing schedule.

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 Partnering sessions, 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 contractor design-builder's construction activities.

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

In the City of Los Angeles, schedule near-critical activities include design approvals, relocation of utilities and removal of the temporary parking lot near Sepulveda structure/station which depend on receiving City approval for temporary occupancy of the new Sepulveda Garage which is imminent; and installation of underground and overhead facilities. Four of the five civil segments have been approved by the Los Angeles Bureau of Engineering with various elements pending final confirmations from the various other City bureaus. The Authority is collaborating with the City of Los Angeles to approve the final civil segment. Authority and the City



are exploring an option to accommodate bikepath reconfiguration requests at the intersection of Exposition and Centinela.

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

In the City of Santa Monica, the schedule critical path includes SCE relocations on Colorado; the critical path continues with the installation of trackwork followed by the installation and testing of the overhead catenary and train control systems. SRJV is working on a schedule for track work road crossings. The Colorado and Lincoln rail crossing installation is scheduled for April 2014. 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 constructing the elements supported on the bridge (standpipe, cable railing, and emergency walkway lighting). Contractor will complete all major work associated with the bridge by March 2014 and is currently working on punch list items. A Substantial Completion request for the bridge work has been received and is being evaluated.

The Venice Boulevard roadway widening work and station Plaza will be eliminated from the VBU contract and completed as an independent construction package. This will allow the Authority to continue to work on securing third party approvals for the revised roadway plans (limits of the widening at National/Venice intersection and modifications at the Venice/Robertson intersection). Construction of the roadway work will only be allowed during the day unless and until a nighttime variance is granted by LAPD.

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

The Authority and Contractor continued with advancement of submittals and RFIs. Executive and General level partnering sessions were held January 28, 2014 wherein the Authority and OMF contractor committed to resolve outstanding contract changes by the end of February 2014. To that end, both parties continued to negotiate cost and schedule impacts for contract changes regarding the TPSS/Generator and Vital Train Control in February. SCE Preliminary design for primary electrical feed in progress and anticipated by March 24, 2014.

#### **Bikeway**

Staff continues to work on bikeway related topics, which include Exposition/Centinela intersection configuration; OMF driveway interface; and the License agreement between City of Los Angeles and Metro. The Authority continued working with CPUC, City of Santa Monica and SRJV to revise the design of bike crossings at 19<sup>th</sup>, 20<sup>th</sup>, and Stewart Streets for CPUC approval. Completing the work within the current budget is a concern given the potential scope growth however staff are monitoring the budget and will continue to do so.



### **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 wet utilities and installed dry utility duct banks/vaults on behalf of SCE (Bundy, Colorado);
  - installed CS duct banks/manholes;
  - installed guideway ballast curb;
  - advanced TPSS site work (TPSS1, TPSS2, TPSS3, TPSS4, TPSS6);
  - advanced retaining walls (National to Clarington, Putney to Overland), soundwalls (I-10 to Overland), and MSE walls (Pico West, Bundy East, Bundy to Centinela, Centinela to Stewart, Olympic to 20th);
  - advanced bridges (Palms, Motor, Sepulveda, Pico, Bundy, Centinela, Olympic);
  - advanced stations (Westwood/Rancho Park, 26<sup>th</sup> St/Bergamot);
  - widened roadway (Colorado 14<sup>th</sup> – 17<sup>th</sup>);
  - Sepulveda Parking structure: Install electrical facilities, elevator and landscaping.
- 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 (BBII)**

- Completed installation and testing of the standpipe, lighting, cable railing, and construction of the 8" water line.
- Culver City Station Plaza design is currently being evaluated for potential modifications that are related to a future development adjacent to the station as requested by Culver City and Metro.
- Roadway work is on hold pending revisions of the design and third party approval.

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

- Commenced track turnout fabrication
- Completed Main Bldg. industrial waste tie-in to offsite MH
- Commenced fire water installation.
- Continued ductbank installation for traction power, electrical, and communication
- Completed concrete slabs on grade for secondary blowdown and Wash Bldg tank and walls
- Continued building spread footings/grade beams and sump pit walls.
- Installed caissons and slurry for vehicle lifts.
- Reviewed steel shop drawings

#### **Bikeway**

- SRJV advanced final Bikeway design.
- Final design is in progress –100% plans will be submitted to the City of Los Angeles and the City of Santa Monica in February/March 2014.
- CPUC coordination and compliance for mid-block bikeway crossings in City of Santa Monica.



## **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 GERB 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;
  - advance the Sepulveda Parking structure.
- SCE, DWP, and communications providers continue to relocate facilities.

### **Venice Boulevard Underpass**

- Balfour Beatty (BBII) to demobilize from job site.
- Processing roadway and Culver City Plaza design revision and obtain third party approval.

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

- Offsite inspection of track turnouts scheduled for 3/13/14
- Commence structural steel erection
- Coordinate conduit stub-up layout and breaker schedule for TPSS

### **Bikeway**

- SRJV advance final Bikeway design and obtain third party review.

### **General**

- Continue coordination with the Cities of Los Angeles and Santa Monica, Metro, and Caltrans.
- Continue coordination with Department of Toxic Substances Control (DTSC) to advance soil management plan.
- Facilitate Partnering derivative sessions regarding systems implementation.
- Facilitate Fire Life Safety Committee meetings/workshops.
- Facilitate Phase 2 Update meetings with the community.
- Continue FEIR mitigation measures.



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

**Critical Path Schedule, Period Ending February 28, 2014**

Expo LRT Phase 2 - February 2014		EXPO2-Monthly Report-FTA CODES			12-Mar-14 10:54											
Activity Name	Orig. Dur.	Start	Finish	2013		2014		2015		2018						
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
<b>Expo LRT Phase 2 - February 2014</b>	1210	04-Aug-11 A	22-May-16													
<b>Milestones and Key Dates</b>	1113	01-Sep-11 A	06-Jan-16													
<b>Overall</b>	1576	01-Sep-11 A	24-Dec-15													
Expo2 Duration to ROD (1520 + 167)	1520	01-Sep-11 A	10-Jul-15													
Schedule Contingency	167	11-Jul-15	24-Dec-15													
<b>Design/Build Contract SRJV</b>	229	23-May-15	06-Jan-16													
Design-Build Contract- 2011 Rain Allowance	0	23-May-15	23-May-15													
Design-Build Contract- 2012 Rain Allowance	0	23-May-15	23-May-15													
Design-Build Contract- 2013 Rain Allowance	0	23-May-15	23-May-15													
Design-Build Contract - 2014 Rain Allowance	28	23-May-15	19-Jun-15													
Design-Build Contract- 2015 Rain Allowance	20	20-Jun-15	09-Jul-15													
Design-Build Contract- Substantial Completion [Day Zero + 1520 ]	0		10-Jul-15*													
Design-Build Contract - Punchlist Completion (Substantial Completion + 90)	0		08-Oct-15													
Design-Build Contract - Final Acceptance (Punchlist Completion + 90)	0		06-Jan-16*													
<b>Venice Boulevard Bridge (BBI)</b>	0	02-Jun-14	02-Jun-14													
VBU - Design-Build Contract Substantial Completion	0		02-Jun-14*													
<b>Maintenance Facility Contract</b>	0	24-Apr-15	24-Apr-15													
Maintenance Facility - Final Acceptance	0		24-Apr-15*													
<b>Bike Path</b>	0	10-Jul-15	10-Jul-15													
Bike Path - Substantial Completion	0		10-Jul-15													
<b>Owner Furnished Equipment</b>	407	19-Aug-13 A	31-Mar-15													
<b>TPSS</b>	98	24-Mar-14	11-Aug-14													
Traction Power Substation # 1 (Clarrington)	0		24-Mar-14*													
Traction Power Substation # 2 (Overland)	0		31-Mar-14*													
Traction Power Substation # 3 (Sepulveda)	0		07-Apr-14*													
Traction Power Substation # 4 (Barrington)	0		21-Apr-14*													
Traction Power Substation # 5 (Yard)	0		16-Jun-14*													
Traction Power Substation # 6 (Cloverfield)	0		30-Jun-14*													
Traction Power Substation # 7 (17th)	0		07-Jul-14*													
Traction Power Substation # 8 (5th)	0		11-Aug-14*													
<b>Artwork</b>	407	19-Aug-13 A	31-Mar-15													
Owner Furnished Items - artwork	407	19-Aug-13 A	31-Mar-15													
<b>Design/Build Construction</b>	5	04-Aug-11 A	28-Mar-14													
<b>Final Design</b>	5	04-Aug-11 A	28-Mar-14													
<b>SRJV</b>	5	04-Aug-11 A	28-Mar-14													
Wet Utilities Design Packages	5	04-Aug-11 A	12-Mar-14													
Roadway Design Packages	5	04-Aug-11 A	12-Mar-14													
Traffic Signal Design Packages	5	08-Aug-11 A	28-Mar-14													
<b>Construction</b>	768	01-Dec-11 A	22-May-15													
<b>Sitework and Special Conditions</b>	689	01-Dec-11 A	02-Feb-15													
<b>SRJV</b>	689	01-Dec-11 A	02-Feb-15													
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	242	01-Dec-11 A	07-Jul-14													
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	383	05-Mar-12 A	19-Aug-14													
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 9TH TC	322	29-Mar-12 A	02-Apr-14													
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-INITIAL SI	388	08-Jun-12 A	16-May-14													
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TC	494	21-Jun-12 A	05-Aug-14													
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS-STREET I	134	03-Mar-14	09-Sep-14													
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	174	03-Mar-14	04-Nov-14													
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	235	03-Mar-14	02-Feb-15													
SEGMENT 3 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS COLO	60	26-Sep-14	19-Dec-14													
<b>VBU</b>	65	03-Mar-14	02-Jun-14													
VBU - PLAZA CONSTRUCTION	55	03-Mar-14	18-May-14													
VBU - ROADWAY CONSTRUCTION	65	03-Mar-14*	02-Jun-14													
<b>Guideway and Track Elements</b>	475	02-Aug-12 A	25-Sep-14													
<b>SRJV</b>	475	02-Aug-12 A	25-Sep-14													
SEGMENT 2 - GUIDEWAYS AND TRACKS	442	02-Aug-12 A	26-Aug-14													
SEGMENT 1 - GUIDEWAYS AND TRACKS	379	04-Sep-12 A	29-Apr-14													

█ Remaining Level of ...  
█ Actual Level of Effort

**EXPO 2 CONTROL SCHEDULE**  
February 2014

D..	Revision	C..	A..

**EXPOSITION METRO LINE  
CONSTRUCTION AUTHORITY**  
Monthly Phase 2 Project Status Report  
Period Ending – February 28, 2014



**Critical Path Schedule Continued**

Expo LRT Phase 2 - February 2014		EXPO2-Monthly Report-FTA CODES			12-Mar-14 10:54												
Activity Name	Orig. Dur.	Start	Finish	2013				2014				2015				2016	
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS	345	06-Sep-12 A	28-May-14	[Gantt bars for 2013-2016]													
SEGMENT 3 - COLORADO GUIDEWAYS AND TRACKS	215	13-Aug-13 A	25-Sep-14	[Gantt bars for 2013-2016]													
<b>Stations</b>	<b>710</b>	<b>08-Feb-12 A</b>	<b>06-May-15</b>	[Gantt bars for 2013-2016]													
SEGMENT 2 - STATIONS AND PARKING	634	08-Feb-12 A	09-Jan-15	[Gantt bars for 2013-2016]													
SEGMENT 1 - STATIONS	207	21-Jan-13 A	13-Oct-14	[Gantt bars for 2013-2016]													
SEGMENT 3 - COLORADO TERMINUS STATION	481	19-Mar-13 A	06-May-15	[Gantt bars for 2013-2016]													
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - STATIONS	335	10-Apr-13 A	25-Feb-15	[Gantt bars for 2013-2016]													
<b>Support Facilities and Yards</b>	<b>470</b>	<b>04-Jun-13 A</b>	<b>24-Apr-15</b>	[Gantt bars for 2013-2016]													
<i><b>Rail Operation and Maintenance Facility (OMF)</b></i>	<i>470</i>	<i>04-Jun-13 A</i>	<i>24-Apr-15</i>	[Gantt bars for 2013-2016]													
Maintenance Facility - Construction	377	04-Jun-13 A	28-Jan-15	[Gantt bars for 2013-2016]													
Maintenance Facility - Commissioning Move In	62	29-Jan-15	24-Apr-15	[Gantt bars for 2013-2016]													
<b>Systems</b>	<b>241</b>	<b>30-Apr-14</b>	<b>09-Apr-15</b>	[Gantt bars for 2013-2016]													
SEGMENT 1 - SYSTEMS AND EQUIPMENT	184	30-Apr-14	20-Jan-15	[Gantt bars for 2013-2016]													
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUIPMENT	193	16-Jun-14	18-Mar-15	[Gantt bars for 2013-2016]													
SEGMENT 2 - SYSTEMS AND EQUIPMENT	155	24-Jun-14	02-Feb-15	[Gantt bars for 2013-2016]													
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	173	06-Aug-14	09-Apr-15	[Gantt bars for 2013-2016]													
<b>Testing</b>	<b>216</b>	<b>21-Jul-14</b>	<b>22-May-15</b>	[Gantt bars for 2013-2016]													
TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING	196	21-Jul-14	24-Apr-15	[Gantt bars for 2013-2016]													
TRAIN CONTROL INTEGRATED SYSTEM TESTING	177	15-Sep-14	22-May-15	[Gantt bars for 2013-2016]													
COMMUNICATIONS L LOCAL FIELD ACCEPTANCE TESTING	140	15-Oct-14	01-May-15	[Gantt bars for 2013-2016]													
OCS SYTEM INTEGRATED TESTING	62	02-Dec-14	27-Feb-15	[Gantt bars for 2013-2016]													
COMMUNICATIONS SYSTEM INTEGRATION TESTING	15	04-May-15	22-May-15	[Gantt bars for 2013-2016]													
<b>Bike Path</b>	<b>429</b>	<b>30-Sep-13 A</b>	<b>10-Jul-15</b>	[Gantt bars for 2013-2016]													
BIKE PATH - FINAL DESIGN	150	30-Sep-13 A	30-Apr-14	[Gantt bars for 2013-2016]													
BIKE PATH - CONSTRUCTION	304	01-May-14	10-Jul-15	[Gantt bars for 2013-2016]													
<b>Start-Up</b>	<b>105</b>	<b>25-Dec-15</b>	<b>22-May-16</b>	[Gantt bars for 2013-2016]													
Rail Activation	102	25-Dec-15	22-May-16	[Gantt bars for 2013-2016]													
<b>Stress Testing</b>	<b>60</b>	<b>25-Dec-15</b>	<b>22-Feb-16</b>	[Gantt bars for 2013-2016]													
System Integration Testing (60)	60	25-Dec-15	22-Feb-16	[Gantt bars for 2013-2016]													
<b>Pre-Revenue Operations</b>	<b>90</b>	<b>23-Feb-16</b>	<b>22-May-18</b>	[Gantt bars for 2013-2016]													
Pre-Revenue Operations (90)	90	23-Feb-16	22-May-16	[Gantt bars for 2013-2016]													
Revenue Service Date (ROD)	0	22-May-16*		[Gantt bars for 2013-2016]													

Remaining Level of ...  
 Actual Level of Effort

**EXPO 2 CONTROL SCHEDULE**  
**February 2014**

D..	Revision	C..	A..



**Schedule Narrative**

**Critical and Near-Critical Path Analysis**

Currently, the Critical Path runs through the power relocations and street improvements on Colorado in the City of Santa Monica and the Terminus Station. The Critical Path continues with the installation of Trackwork followed by the installation and testing of the Overhead Catenary and Train Control Systems. In the City of LA, the Pico bridge is near-critical.

With the current recovery plan and work-around options, the power relocation at most locations does not impact the construction of the substructure and in many cases the superstructure of the bridges. Therefore, the critical need dates for power relocations were improved and potential delays were minimized. At the Terminus, the potential delay is being 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 revised 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	334



**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	666.1	326.2	759.8	-
R	RIGHT-OF-WAY	265.0	257.6	96.9	95.2	257.6	-
V	VEHICLES	202.1	202.1	202.1	65.8	202.1	-
P	PROFESSIONAL SERVICES	148.2	149.7	100.8	77.6	149.7	-
SC	SPECIAL CONDITIONS	63.6	81.9	55.3	41.5	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>1,121.3</b>	<b>606.3</b>	<b>1,511.2</b>	<b>-</b>

NOTE: Expenditures are Paid-to-Date through 1/31/14

**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 February 28, 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	\$ 29.0	\$ 18.8	
Local Agency Contribution	\$ 45.3	\$ 45.3	\$ 0.0	
	\$ 1,309.1	\$ 785.0	\$ 524.2	
<b>Total Sources:</b>	<b>\$ 1,309.1</b>	<b>\$ 785.0</b>	<b>\$ 524.2</b>	

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Design-Build Corridor	\$ 594.5	\$ 549.9	\$ 302.3	\$ 44.7
Other Construction Elements	\$ 165.4	\$ 116.3	\$ 23.9	\$ 49.1
Right-of-Way	\$ 257.6	\$ 96.9	\$ 95.2	\$ 160.7
Professional Services	\$ 149.7	\$ 100.8	\$ 77.6	\$ 48.9
Special Conditions	\$ 81.9	\$ 55.3	\$ 41.5	\$ 26.5
Project Reserve	\$ 60.1	\$ -	\$ -	\$ 60.1
<b>Total Uses:</b>	<b>\$ 1,309.1</b>	<b>\$ 919.2</b>	<b>\$ 540.5</b>	<b>\$ 389.9</b>

Paid-to-Date through 1/31/14



Project Operating Budget Summary in Millions of Dollars



**Expo**

Sources & Uses of Funds - Phase 2

Status as of February 28, 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	\$ 65.8	\$ -
<b>Total Uses:</b>	<b>\$ 202.1</b>	<b>\$ 202.1</b>	<b>\$ 65.8</b>	<b>\$ -</b>

Paid-to-Date through 1/31/14



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



Sources & Uses of Funds - Phase 2  
Status as of February 28, 2014

**Non - Baseline Activities**

Sources of Funds (millions)	A	B	C = A - B	
Source	Budget	Funding Committed	Uncommitted	
Project Revenue: City of LA Betterment	\$ 5.3	\$ 5.3	\$ -	
Project Revenue: City of Santa Monica Betterment	\$ 20.1	\$ 20.1	\$ -	
<b>Total Sources:</b>	<b>\$ 25.4</b>	<b>\$ 25.4</b>	<b>\$ -</b>	

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Design-Build Betterments	\$ -	\$ -	\$ -	\$ -
Sepulveda Blvd Bridge & Aerial Station (Diff.)	\$ 5.3	\$ 5.3	\$ 2.6	\$ -
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	\$ 9.1	\$ 6.6	\$ 3.3	\$ 2.5
4th Street Terminus Station P.E.	\$ 0.5	\$ 0.4	\$ 0.4	\$ 0.1
4th Street Terminus Station Construction	\$ 8.4	\$ 5.6	\$ 1.3	\$ 2.8
<b>Total Uses:</b>	<b>\$ 25.4</b>	<b>\$ 19.9</b>	<b>\$ 9.4</b>	<b>\$ 5.5</b>

Paid-to-Date through 1/31/14



**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: 28-Feb-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>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:				36,795.00	
Original Contract Duration:	1700	3. Approved Change Orders:			2985.25		
Current Contract Duration:	1700	4. Current Contract Value (1 + 2 + 3):			<b>544,636.51</b>	<b>42,073.93</b>	
Elapsed Time from NTP:	1,017	5. Pending Changes:			41.98	628.10	
		6. Incurred Cost:			318,565.68	30,454.50	



**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: 28-Feb-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> <table border="1" data-bbox="646 940 1508 1228"> <thead> <tr> <th></th> <th>Original Contract Dates</th> <th>Time Extension</th> <th>Current Contract</th> <th>Forecast</th> <th>Variance CDs</th> </tr> </thead> <tbody> <tr> <td>Substantial Completion</td> <td>07/12/13</td> <td>116</td> <td>11/05/13</td> <td>11/05/13</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs	Substantial Completion	07/12/13	116	11/05/13	11/05/13	0																		
	Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs																														
Substantial Completion	07/12/13	116	11/05/13	11/05/13	0																														
<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: 912</p>	<p><b>Cost Summary:</b></p> <table border="1" data-bbox="646 1228 1508 1623"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">\$ In 000's</th> </tr> <tr> <th>Baseline Project</th> <th>Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td>1. Award Value:</td> <td>15,675.00</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td>1,551.90</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td>598.92</td> <td>-</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td>16,273.92</td> <td>1,551.90</td> </tr> <tr> <td>5. Pending Changes:</td> <td>8.13</td> <td></td> </tr> <tr> <td>6. Incurred Cost:</td> <td>13,612.94</td> <td>1,551.90</td> </tr> </tbody> </table>						\$ In 000's		Baseline Project	Betterments/ Modifications	1. Award Value:	15,675.00		2. Executed Modifications:		1,551.90	3. Approved Change Orders:	598.92	-	4. Current Contract Value (1 + 2 + 3):	16,273.92	1,551.90	5. Pending Changes:	8.13		6. Incurred Cost:	13,612.94	1,551.90							
	\$ In 000's																																		
	Baseline Project	Betterments/ Modifications																																	
1. Award Value:	15,675.00																																		
2. Executed Modifications:		1,551.90																																	
3. Approved Change Orders:	598.92	-																																	
4. Current Contract Value (1 + 2 + 3):	16,273.92	1,551.90																																	
5. Pending Changes:	8.13																																		
6. Incurred Cost:	13,612.94	1,551.90																																	



**Expo Phase 2 OMF Contract Status**

<p><b>Expo Phase 2</b> <b>Contractor: Kiewit Building Group</b> <b>O&amp;M Facility</b></p>	<p><b>Contract No.: XP8902-016</b> <b>Status as of: 28-Feb-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>0</p>	<p>11/24/14</p>	<p>11/24/14</p>	<p>0</p>																															
<p><b><u>Schedule Summary:</u></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: 271</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;">99,930.56</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td></td> <td style="text-align: right;">(120.47)</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">13.07</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;">99,943.63</td> <td style="text-align: right;">(120.47)</td> </tr> <tr> <td>5. Pending Changes:</td> <td></td> <td style="text-align: center;">-</td> <td style="text-align: right;">(810.56)</td> </tr> <tr> <td>6. Incurred Cost:</td> <td></td> <td style="text-align: right;">14,894.19</td> <td style="text-align: right;">(120.47)</td> </tr> </tbody> </table>							<b>\$ In 000's</b>				<b>Baseline Project</b>	<b>Betterments/ Modifications</b>	1. Award Value:		99,930.56		2. Executed Modifications:			(120.47)	3. Approved Change Orders:		13.07	-	4. Current Contract Value (1 + 2 + 3):		99,943.63	(120.47)	5. Pending Changes:		-	(810.56)	6. Incurred Cost:		14,894.19	(120.47)
		<b>\$ In 000's</b>																																			
		<b>Baseline Project</b>	<b>Betterments/ Modifications</b>																																		
1. Award Value:		99,930.56																																			
2. Executed Modifications:			(120.47)																																		
3. Approved Change Orders:		13.07	-																																		
4. Current Contract Value (1 + 2 + 3):		99,943.63	(120.47)																																		
5. Pending Changes:		-	(810.56)																																		
6. Incurred Cost:		14,894.19	(120.47)																																		



**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: 28-Feb-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> <table border="1" data-bbox="646 945 1510 1230"> <thead> <tr> <th></th> <th>Original Contract Dates</th> <th>Time Extension</th> <th>Current Contract</th> <th>Forecast</th> <th>Variance CDs</th> </tr> </thead> <tbody> <tr> <td>Substantial Completion</td> <td>07/10/15</td> <td>0</td> <td>07/10/15</td> <td>07/10/15</td> <td>0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs	Substantial Completion	07/10/15	0	07/10/15	07/10/15	0																		
	Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs																														
Substantial Completion	07/10/15	0	07/10/15	07/10/15	0																														
<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: 185</p>	<p><b><u>Cost Summary:</u></b></p> <table border="1" data-bbox="646 1239 1510 1627"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">\$ In 000's</th> </tr> <tr> <th>Baseline Project</th> <th>Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td>1. Award Value:</td> <td>11,041.06</td> <td></td> </tr> <tr> <td>2. Executed Modifications:</td> <td></td> <td></td> </tr> <tr> <td>3. Approved Change Orders:</td> <td>56.68</td> <td>-</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td>11,097.74</td> <td>-</td> </tr> <tr> <td>5. Pending Changes:</td> <td>-</td> <td></td> </tr> <tr> <td>6. Incurred Cost:</td> <td>2,229.72</td> <td>-</td> </tr> </tbody> </table>						\$ In 000's		Baseline Project	Betterments/ Modifications	1. Award Value:	11,041.06		2. Executed Modifications:			3. Approved Change Orders:	56.68	-	4. Current Contract Value (1 + 2 + 3):	11,097.74	-	5. Pending Changes:	-		6. Incurred Cost:	2,229.72	-							
	\$ In 000's																																		
	Baseline Project	Betterments/ Modifications																																	
1. Award Value:	11,041.06																																		
2. Executed Modifications:																																			
3. Approved Change Orders:	56.68	-																																	
4. Current Contract Value (1 + 2 + 3):	11,097.74	-																																	
5. Pending Changes:	-																																		
6. Incurred Cost:	2,229.72	-																																	