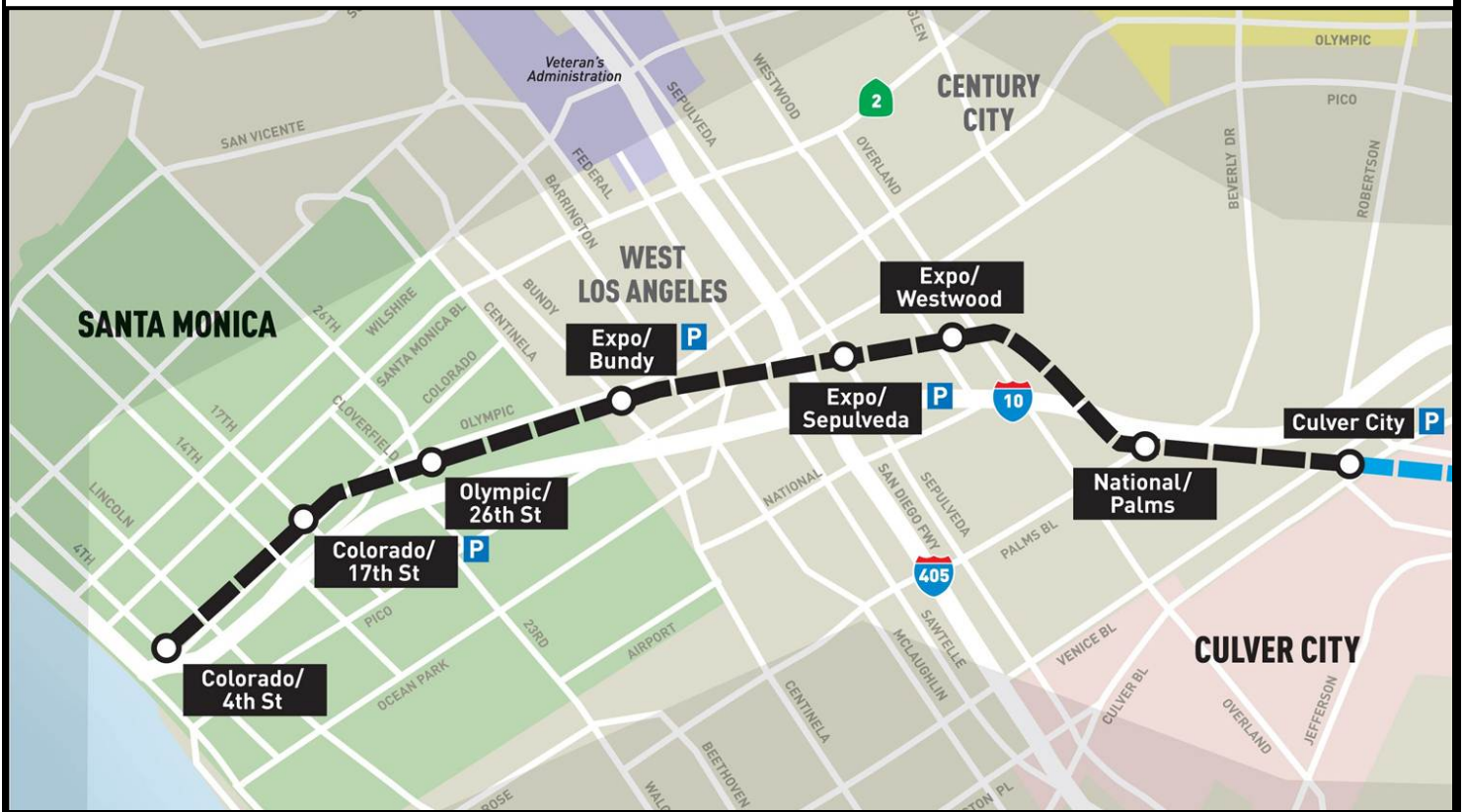


# Phase 2 Exposition Metro Line Project

## Monthly Project Status Report

May 2013





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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**

#### **Appeal on Environmental Document Ruling**

The legal challenge to the Phase 2 CEQA document by the community group, Neighbors for Smart Rail (NFSR), was denied by the California Superior Court in Los Angeles County. NFSR filed an appeal of that ruling. The Court of Appeal affirmed the judgment of the Superior Court. NFSR filed an appeal of that ruling. The State Supreme Court agreed to hear the appeal. On September 26, 2012 NFSR filed a motion with the California Supreme Court to stay the project (stop all construction); in November 2012, the motion to stay was denied. The State Supreme Court heard the appeal on May 8, 2013. We are awaiting the State Supreme Court's decision.

#### **California Public Utilities Commission (CPUC)**

The CPUC issued a resolution on November 10, 2011 granting authorization to construct the project crossings. Neighbors for Smart Rail (NFSR) filed an appeal. The CPUC agreed to a rehearing. A pre-hearing was held on October 5, 2012. The briefing and testimony were submitted in November, and evidentiary hearings took place on December 17, 2012. We are awaiting the ALJ's draft decision.

#### **Utility Relocations**

The Authority worked closely with Los Angeles Department of Water and Power (DWP) and Southern California Edison (SCE) to advance power line relocations required to accommodate the Project. The Authority also worked with Southern California Gas (SCG) and multiple communications providers to advance relocation of their facilities. Progress update:

- DWP construction crews removed overhead power lines that were in conflict with project structures; multiple DWP construction crews are relocating the remaining overhead power lines.
- SCG completed relocation of a large gas line near Colorado/17<sup>th</sup> and continued abandonment of remaining facilities on Colorado.
- Communications providers continued to relocate facilities throughout the corridor.
- Staff continued working with SCE to advance designs, obtain City approvals, procure long lead time items, acquire easements, install duct banks and vaults. The Authority and SCE continued discussions regarding cost sharing for SCE betterments.

SCE power line relocations on Colorado are on the Project schedule critical path. The Authority, SCE, and Design-Build contractor have collaborated through Partnering sessions, staff level working meetings, and executive management meetings to advance schedule recovery actions that include: working with the City to optimize traffic control and to increase working hours, adding extra crews, adding SCE inspection staff, working longer shifts, coordinating SCE and contractor field activities.

#### **Kenter Canyon Storm Drain (KCSD)**

A 10-foot diameter Los Angeles County storm drain built in the 1930s runs along Colorado Avenue in Santa Monica. A significant portion of the storm drain lies beneath the light rail tracks in the street running section of the Project along Colorado Avenue. The Phase 2 Design-Build contractor presented findings of the KCSD structural analysis to Los Angeles County Flood Control District (LACFCD), showing that the KCSD can be left in place. LACFCD took no objection to the analysis, subject to post construction video inspection, video inspection after the first year of operations, and repair of damages if identified in the videos. The Phase 2 Design-Build contractor is currently advancing 100% designs to modify existing manholes that tie into the KCSD and to protect in place an existing sanitary sewer line that crosses the KCSD.



### **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; construction of the structure over Motor Avenue; and installation of underground facilities such as storm drains, the track underdrains, and communication duct banks. The Authority is collaborating with the City of Los Angeles to resolve issues such as the sidewalk gap at Sepulveda, curb and gutter gap closure on Exposition, Standard Urban Storm Water Mitigation Plan (SUSMP) requirements, and the City's maintenance period for landscaping. A path forward to resolving all these items have been identified and design plan approvals are moving forward.

### **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. The Authority is collaborating with the City of Santa Monica to resolve issues such as not to preclude future pedestrian crossings, pedestrian lighting, Caltrans sign overlays, waterline betterments, terminus station betterments, street running operations, video detection, tree relocations, and other bikeway-related details.

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

The VBU structure will bridge Venice Boulevard which is a Caltrans roadway and will impact multiple overhead and underground utilities. Progress update:

- DWP construction crews completed the relocation of overhead power lines to accommodate construction of the VBU structure. Communications providers continued relocation of overhead facilities to a joint underground ductbank.
- The VBU Design-Build contractor continued construction of cast-in-drilled hole piles and columns to support the VBU structure and advanced preparation of construction submittals for roadway construction.

Current projections show the VBU contractual Substantial Completion will be delayed due to delays in the relocation of a sanitary sewer line and relocation of overhead communication lines. Workarounds have been developed to avoid impacts to the overall Phase 2 Project completion date.

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

At the May 3<sup>rd</sup> Board meeting, the Board authorized award to the lowest responsive, responsible bidder, Kiewit Building Group (KBG). The low bid was \$6,000,000.00 over the OMF budget. The Authority and KBG evaluated ways to reduce the OMF cost to the extent possible. In June, the Authority will issue Notice to Proceed and KBG will schedule a construction kick-off meeting. The Authority will continue to work with the contractor and key stakeholders as part of a value engineering process in an effort to bring the project costs within budget.

### **Bikeway**

Staff continues to work on bikeway related topics, which include: Exposition/Centinela intersection configuration; Pico/Gateway intersection configuration; License agreement between City of Los Angeles and Metro; OMF driveway interface; and financing for SUSMP in the City of Santa Monica. The contract award was approved at the April Board meeting and finalization is pending receipt of funding from Metro.



### **Key Activities Completed this Period**

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

- SRJV advanced remaining design elements – civil, landscape, signage, train control, communications, and Downtown Santa Monica station. Staff reviewed design submittals as well as requests for design deviations; worked with SRJV to resolve comments and open issues.
- SRJV continued construction activities –
  - performed excavation and grading to support guideway construction activities;
  - installed wet utilities;
  - installed dry utility duct banks/vaults on behalf of DWP (Sawtelle) and SCE (Colorado);
  - installed CS duct banks/manholes;
  - installed guideway ballast curb;
  - advanced TPSS site work (TPSS1, TPSS2, TPSS3);
  - advanced retaining walls (National to Clarington);
  - advanced soundwalls (I-10 to Overland, Westwood to Military, 19<sup>th</sup> to 17<sup>th</sup>);
  - advanced MSE walls (Pico West, Barrington to Bundy, Bundy to Centinela, Centinela to Stewart, Olympic to 20th);
  - advanced bridges (Palms, Motor, Sepulveda, Pico, Bundy, Olympic);
  - Sepulveda Parking structure: fine grade; construct elevator tower; place slab on grade; construct decks.
- SRJV advanced construction submittals and requests for information; Authority staff reviewed.
- Southern California Gas, SCE, DWP, and communications providers continued to relocate facilities.

#### **Venice Boulevard Underpass Design-Build contractor, Balfour Beatty (BBII)**

- BBII continued construction activities –
  - constructed remaining two of five large diameter cast-in-drilled hole piles;
  - constructed three of five columns;
  - turned over part of the Bagley yard (i.e., interface area) to the Phase 2 Design-Build contractor.
- BBII advanced construction submittals and requests for information; Authority staff reviewed.
- DWP completed relocation of DWP dry utilities near the structure.
- DWP evaluated alternatives to relocate a power pole at the intersection of National and Venice to accommodate roadway widening.
- Communications providers continued to relocate facilities.

#### **Operations and Maintenance Facility**

- Board authorized award to the lowest responsive, responsible bidder, Kiewit Building Group.
- Evaluated ways to reduce the Operations and Maintenance Facility cost to the extent possible.
- Advanced discussion with Maintenance Design Group to provide design support during construction.

#### **Bikeway**

- Bikeway contract finalization pending receipt of funding from Metro.
- Advanced Bikeway license agreement between Metro and City of Santa Monica.
- Advanced project budget agreements between Expo and each City.

#### **General**

- Held derivative Partnering session with SCE on May 23<sup>rd</sup>.
- Held Fire Life Safety Committee meeting on May 9<sup>th</sup>.



### **Key Future Activities**

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

- SRJV advance remaining design elements. Metro-Authority-third party staff 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 wet utilities;
  - install dry utility duct banks/vaults on behalf of DWP and SCE;
  - install CS duct banks/manholes;
  - install guideway ballast curb;
  - install subballast;
  - install track underdrain;
  - advance TPSS site work;
  - advance retaining walls;
  - advance soundwalls;
  - advance MSE walls;
  - advance bridges;
  - advance stations;
  - advance the Sepulveda Parking structure.
- Southern California Gas, SCE, DWP, and communications providers continue to relocate facilities.

#### **Venice Boulevard Underpass Design-Build contractor, Balfour Beatty (BBII)**

- BBII continue construction activities –
  - construct remaining columns;
  - construct structure falsework.
- DWP and communications providers continue to relocate facilities.

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

- Issue Notice to Proceed to Kiewit Building Group.
- Hold construction kick-off meeting.

#### **Bikeway**

- Finalize Bikeway contract, pending receipt of funding from Metro.
- Advance Bikeway license agreement between Metro and City of Los Angeles.

#### **General**

- Continue coordination of contract interface activities with respective contractors.
- Continue coordination with the Cities of Los Angeles and Santa Monica, Metro, and Caltrans.
- Continue coordination with third party utilities to resolve conflicts.
- Hold Partnering session with BBII.
- Continue coordination with Department of Toxic Substances Control (DTSC) to advance soil management plan.
- Hold 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, 2013**

Expo LRT Phase 2 - May 2013		EXPO2-Monthly Report-FTA CODES			10-Jun-13 11:38											
Activity Name	Orig. Dur.	Start	Finish	2013		2014		2015		2016						
				J	J	A	A	J	J	J	J	J	J			
<b>Expo LRT Phase 2 - May 2013</b>				1330	27-Jul-11 A	05-Nov-16										
<b>Milestones and Key Dates</b>				1223	01-Sep-11 A	08-Jun-16										
<b>Overall</b>				1743	01-Sep-11 A	08-Jun-16										
Expo2 Duration to ROD (1520 + 332)				1520	01-Sep-11 A	10-Jul-15										
Schedule Contingency				334	11-Jul-15	08-Jun-16										
<b>Design/Build Contract SRJV</b>				253	29-Apr-15	06-Jan-16										
Design-Build Contract- 2011 Rain Allowance				0	29-Apr-15	29-Apr-15										
Design-Build Contract- 2012 Rain Allowance				0	29-Apr-15	29-Apr-15										
Design-Build Contract- 2013 Rain Allowance				25	29-Apr-15	23-May-15										
Design-Build Contract - 2014 Rain Allowance				28	24-May-15	20-Jun-15										
Design-Build Contract- 2015 Rain Allowance				20	21-Jun-15	10-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 (BBII)</b>				101	20-Dec-13	31-Mar-14										
VBU - Structure Completion and Completion Milestone (Track Ready)				0		20-Dec-13*										
VBU - Design-Build Contract Substantial Completion				0		31-Mar-14*										
<b>Maintenance Facility Contract</b>				630	04-Jun-13	23-Feb-15										
Maintenance Facility - Construction Notice to Proceed				0	04-Jun-13*											
Maintenance Facility - Final Acceptance				0		23-Feb-15*										
<b>Bike Path</b>				527	17-Jun-13	10-Jul-15										
Bike Path- NTP Design-Build				0	17-Jun-13											
Bike Path - Substantial Completion				0		10-Jul-15										
<b>Engineering</b>				225	04-Jun-12 A	14-Jun-13										
<b>Maintenance Facility Engineering</b>				55	12-Feb-13 A	03-Jun-13										
Maintenance Facility - Construction Bid and Award				55	12-Feb-13 A	03-Jun-13										
<b>Bikeway Engineering/Bid Phase</b>				70	04-Jun-12 A	14-Jun-13										
BIKE PATH - Bid and Award				70	04-Jun-12 A	14-Jun-13										
<b>Right of Way</b>				421	23-Apr-12 A	29-Nov-13										
<b>Design-Build ROW</b>				357	23-Jul-12 A	29-Nov-13										
PARTIAL ACQUISITIONS				357	23-Jul-12 A	29-Nov-13										
<b>VBU</b>				407	23-Apr-12 A	15-Oct-13										
VBU - Property Acquisition				407	23-Apr-12 A	15-Oct-13										
<b>Owner Furnished Equipment</b>				190	03-Sep-13	02-Jun-14										
<b>TPSS</b>				190	03-Sep-13	02-Jun-14										
Traction Power Substation # 1				0		03-Sep-13*										
Traction Power Substation # 2				0		01-Oct-13*										
Traction Power Substation # 3				0		01-Nov-13*										
Traction Power Substation # 4				0		02-Jan-14*										
Traction Power Substation # 5				0		30-May-14*										
Traction Power Substation # 6				0		30-May-14*										
Traction Power Substation # 7				0		02-Jun-14*										
<b>Design/Build Construction</b>				298	27-Jul-11 A	06-Dec-13										
<b>Final Design</b>				298	27-Jul-11 A	06-Dec-13										
<b>SRJV</b>				298	27-Jul-11 A	06-Dec-13										
Station Design Packages				5	27-Jul-11 A	07-Jun-13										
Roadway Design Packages				5	04-Aug-11 A	25-Jun-13										
Wet Utilities Design Packages				5	04-Aug-11 A	23-Sep-13										
Overhead Catenary System (OCS) Design Packages				298	05-Aug-11 A	19-Jun-13										
Traffic Signal Design Packages				5	08-Aug-11 A	25-Jun-13										
Communication Design Packages				5	14-Feb-12 A	18-Jul-13										
Train Control Design Packages				80	23-Apr-12 A	06-Dec-13										
<b>Construction</b>				750	01-Dec-11 A	28-Apr-15										
<b>Sitework and Special Conditions</b>				676	01-Dec-11 A	04-Nov-14										
<b>SRJV</b>				676	01-Dec-11 A	04-Nov-14										

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

**EXPO 2 CONTROL SCHEDULE  
MAY 2013**

D..	Revision	C..	A..



**EXPOSITION METRO LINE  
CONSTRUCTION AUTHORITY**  
Monthly Phase 2 Project Status Report  
Period Ending –May 31, 2013



**Critical Path Schedule Continued**

Expo LRT Phase 2 - May 2013		EXPO2-Monthly Report-FTA CODES			10-Jun-13 11:38			
Activity Name	Orig Dur.	Start	Finish	2013	2014	2015	2016	
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	242	01-Dec-11 A	22-Nov-13	■	■	■	■	
SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK	383	05-Mar-12 A	04-Apr-14	■	■	■	■	
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 11TH TO 17TH STRI	322	29-Mar-12 A	05-Aug-13	■	■	■	■	
SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS	388	08-Jun-12 A	17-Oct-13	■	■	■	■	
SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TO 11TH STRE	494	21-Jun-12 A	25-Nov-13	■	■	■	■	
SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS	182	19-Feb-14	04-Nov-14					
<b>VBU</b>	345	05-Nov-12 A	31-Mar-14	■	■	■	■	
VBU - DWP PS RELOCATE OH	112	05-Nov-12 A	07-Jun-13	■				
VBU - EXPO INSTALL COMMUNICATIONS JOINT TRENCH	77	03-Dec-12 A	07-Jun-13	■				
VBU - PLAZA CONSTRUCTION	55	27-Dec-13	14-Mar-14		■			
VBU - ROADWAY CONSTRUCTION	55	14-Jan-14	31-Mar-14		■			
<b>Guideway and Track Elements</b>	476	02-Aug-12 A	04-Aug-14	■	■	■	■	
<b>SRJV</b>	476	02-Aug-12 A	04-Aug-14	■	■	■	■	
SEGMENT 2 - GUIDEWAYS AND TRACKS	442	02-Aug-12 A	27-Jun-14	■	■	■	■	
SEGMENT 1 - GUIDEWAYS AND TRACKS	379	04-Sep-12 A	18-Mar-14	■	■	■	■	
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS	345	06-Sep-12 A	16-Apr-14	■	■	■	■	
SEGMENT 3 - COLORADO GUIDEWAYS AND TRACKS	262	25-Jul-13	04-Aug-14		■	■	■	
<b>VBU</b>	356	05-Oct-12 A	14-Mar-14	■	■	■	■	
VBU - BRIDGE CRITICAL SUBMITTALS/PROCUREMENT	42	05-Oct-12 A	06-Jun-13	■				
VBU - CONSTRUCT BRIDGE SUBSTRUCTURE, ABUTMENTS AND BENTS	77	04-Dec-12 A	07-Jun-13	■				
VBU - CONSTRUCT BRIDGE SUPERSTRUCTURE AND RELEASE FORMWORK	116	10-Jun-13*	20-Nov-13		■			
VBU - BRIDGE SETTLEMENT PERIOD (28 CALENDAR DAYS)	30	21-Nov-13	20-Dec-13		■			
VBU - CONSTRUCT BRIDGE EMERGENCY WALKWAYS, CABLE RAILINGS AND DUCTBANK	79	22-Nov-13	14-Mar-14		■			
<b>Stations</b>	710	08-Feb-12 A	16-Mar-15	■	■	■	■	
SEGMENT 2 - STATIONS AND PARKING	634	08-Feb-12 A	04-Dec-14	■	■	■	■	
SEGMENT 1 - STATIONS	207	21-Jan-13 A	08-Jul-14	■	■	■	■	
SEGMENT 3 - COLORADO TERMINUS STATION	481	19-Mar-13 A	16-Mar-15	■	■	■	■	
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - STATIONS	231	06-Sep-13*	01-Aug-14		■			
<b>Support Facilities and Yards</b>	439	04-Jun-13	23-Feb-15	■	■	■	■	
<b>Rail Operation and Maintenance Facility (OMF)</b>	439	04-Jun-13	23-Feb-15	■	■	■	■	
Maintenance Facility - Construction	377	04-Jun-13	25-Nov-14	■	■	■	■	
Maintenance Facility - Commissioning Move In	62	26-Nov-14	23-Feb-15		■			
<b>Systems</b>	323	09-Dec-13	16-Mar-15	■	■	■	■	
SEGMENT 2 - SYSTEMS AND EQUIPMENT	258	09-Dec-13	12-Dec-14	■	■	■	■	
SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUIPMENT	294	09-Dec-13	03-Feb-15	■	■	■	■	
SEGMENT 1 - SYSTEMS AND EQUIPMENT	184	05-Mar-14	21-Nov-14		■			
SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT	173	11-Jul-14	16-Mar-15		■			
<b>Testing</b>	228	06-Jun-14	28-Apr-15	■	■	■	■	
COMMUNICATIONS LOCAL FIELD ACCEPTANCE TESTING	213	06-Jun-14	07-Apr-15	■	■	■	■	
TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING	196	09-Jun-14	16-Mar-15	■	■	■	■	
OCS SYTEM INTEGRATED TESTING	122	05-Nov-14	28-Apr-15		■			
TRAIN CONTROL INTEGRATED SYSTEM TESTING	105	01-Dec-14	28-Apr-15		■			
COMMUNICATIONS SYSTEM INTEGRATION TESTING	15	08-Apr-15	28-Apr-15		■			
<b>Bike Path</b>	527	17-Jun-13	10-Jul-15	■	■	■	■	
BIKE PATH - FINAL DESIGN	150	17-Jun-13	17-Jan-14	■				
BIKE PATH - CONSTRUCTION	377	20-Jan-14	10-Jul-15		■			
<b>Start-Up</b>	107	09-Jun-16	05-Nov-16				■	
Rail Activation	105	09-Jun-16	05-Nov-16				■	
<b>Stress Testing</b>	60	09-Jun-16	07-Aug-16				■	
System Integration Testing (60)	60	09-Jun-16	07-Aug-16				■	
<b>Pre-Revenue Operations</b>	90	08-Aug-16	05-Nov-16				■	
Pre-Revenue Operations (90)	90	08-Aug-16	05-Nov-16				■	
Revenue Service Date (ROD)	0	05-Nov-16*					■	

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

**EXPO 2 CONTROL SCHEDULE  
MAY 2013**

D..	Revision	C..	A..



## Schedule Narrative

### Critical and Near-Critical Path Analysis

Currently, the Critical Path runs through the power relocations on Colorado in the City of Santa Monica. In the City of LA, the construction of the Sepulveda parking structure and the Motor Bridge is on the Critical Path. The Critical Path continues with the installation of Trackwork followed by the installation and testing of the Overhead Catenary and Train Control Systems.

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. If all Schedule Contingency were needed, the projected Revenue Operation Date would be November 5, 2016.

	Original Duration (days)	Days Released	Current Duration (days)
Schedule Contingency	334	0	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	766.4	766.4	561.1	205.6	766.4	-
R	RIGHT-OF-WAY	265.0	259.1	92.8	91.3	259.1	-
V	VEHICLES	202.1	202.1	26.7	26.7	202.1	-
P	PROFESSIONAL SERVICES	148.2	148.2	98.0	66.4	148.2	-
SC	SPECIAL CONDITIONS	63.6	69.5	50.0	14.5	69.5	-
PR	PROJECT RESERVE	66.0	66.0	-	-	66.0	-
<b>TOTAL</b>		<b>1,511.2</b>	<b>1,511.2</b>	<b>828.6</b>	<b>404.5</b>	<b>1,511.2</b>	<b>-</b>

NOTE: Expenditures are Paid-to-Date through 4/30/13

**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, 2013

**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	\$ 813.7	\$ 377.7	\$ 436.0	
Prop 1B Bonds	\$ 48.9	\$ 15.2	\$ 33.7	
Regional Improvement Program (State)	\$ 47.8	\$ 47.8	\$ 0.0	
Local Agency Contribution	\$ 45.3	\$ 24.9	\$ 20.4	
	\$ 1,309.1	\$ 468.2	\$ 840.9	
<b>Total Sources:</b>	<b>\$ 1,309.1</b>	<b>\$ 468.2</b>	<b>\$ 840.9</b>	

Uses of Funds by Element (millions)				
	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Design-Build Corridor	\$ 606.8	\$ 547.5	\$ 201.0	\$ 59.3
Other Construction Elements	\$ 159.5	\$ 13.6	\$ 4.6	\$ 146.7
Right-of-Way	\$ 259.1	\$ 92.8	\$ 91.3	\$ 166.3
Professional Services	\$ 148.2	\$ 98.0	\$ 66.4	\$ 55.2
Special Conditions	\$ 69.5	\$ 50.0	\$ 14.5	\$ 31.7
Project Reserve	\$ 66.0	\$ -	\$ -	\$ 66.0
<b>Total Uses:</b>	<b>\$ 1,309.1</b>	<b>\$ 801.9</b>	<b>\$ 377.8</b>	<b>\$ 525.3</b>

Paid-to-Date through 4/30/13



Project Operating Budget Summary in Millions of Dollars



**Expo**

Sources & Uses of Funds - Phase 2

Status as of May 31, 2013

**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>\$ -</b>	<b>\$ 202.1</b>	

Uses of Funds by Element (millions)	A	B	C	D = A - B
Element	Budget	Committed	Paid	Uncommitted
Vehicles	\$ 202.1	\$ 26.7	\$ 26.7	\$ 175.4
<b>Total Uses:</b>	<b>\$ 202.1</b>	<b>\$ 26.7</b>	<b>\$ 26.7</b>	<b>\$ 175.4</b>

Paid-to-Date through 4/30/13



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



**Expo**

Sources & Uses of Funds - Phase 2

Status as of May 31, 2013

**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	\$ 18.3	\$ 18.3	\$ -
<b>Total Sources:</b>	<b>\$ 23.6</b>	<b>\$ 23.6</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	\$ 2.0	\$ -
26th Street & 17th Street Station Betterments P.E.	\$ 0.4	\$ 0.4	\$ 0.4	\$ -
26th Street & 17th Street Station Betterments Construction	\$ 9.1	\$ 5.4	\$ 0.3	\$ 3.7
4th Street Terminus Station P.E.	\$ 0.5	\$ 0.4	\$ 0.4	\$ 0.1
4th Street Terminus Station Construction	\$ 8.4	\$ 4.8	\$ -	\$ 3.6
<b>Total Uses:</b>	<b>\$ 23.6</b>	<b>\$ 16.3</b>	<b>\$ 3.1</b>	<b>\$ 7.3</b>

\* All 3rd Party funds have been received by the Authority, but not yet committed for expenditure.  
Paid-to-Date through 4/30/13



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

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

<b>Expo Phase 2</b> <b>Contractor: Skanska/Rados</b>	<b>Contract No.: XP8902-002</b>  <b>Status as of: 31-May-13</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																								
	Contract Completion	01/08/16	0	01/08/16	01/08/16																								
<b><u>Schedule Summary:</u></b>	<b><u>Cost Summary:</u></b> <table style="float:right; margin-left: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align:center; border-bottom: 1px solid black;"><b>\$ In 000's</b></th> </tr> <tr> <th style="text-align:center; border-bottom: 1px solid black;">Baseline Project</th> <th style="text-align:center; border-bottom: 1px solid black;">Betterments/ Modifications</th> </tr> </thead> <tbody> <tr> <td style="text-align:right; padding: 2px;">1. Award Value:</td> <td style="text-align:right; padding: 2px;">541,651.27</td> </tr> <tr> <td style="text-align:right; padding: 2px;">2. Executed Modifications:</td> <td style="text-align:right; padding: 2px;">5,278.94</td> </tr> <tr> <td style="text-align:right; padding: 2px;">3. Approved Change Orders:</td> <td style="text-align:right; padding: 2px;">31,524.58</td> </tr> <tr> <td style="text-align:right; padding: 2px;">4. Current Contract Value (1 + 2 + 3):</td> <td style="text-align:right; padding: 2px; border-top: 1px solid black;">2252.45</td> </tr> <tr> <td style="text-align:right; padding: 2px;">5. Pending Changes:</td> <td style="text-align:right; padding: 2px;">543,903.71</td> </tr> <tr> <td style="text-align:right; padding: 2px;">6. Incurred Cost:</td> <td style="text-align:right; padding: 2px;">36,803.51</td> </tr> <tr> <td></td> <td style="text-align:right; padding: 2px;">-</td> </tr> <tr> <td></td> <td style="text-align:right; padding: 2px;">-</td> </tr> <tr> <td></td> <td style="text-align:right; padding: 2px;">218,143.53</td> </tr> <tr> <td></td> <td style="text-align:right; padding: 2px;">9,158.02</td> </tr> </tbody> </table>					<b>\$ In 000's</b>		Baseline Project	Betterments/ Modifications	1. Award Value:	541,651.27	2. Executed Modifications:	5,278.94	3. Approved Change Orders:	31,524.58	4. Current Contract Value (1 + 2 + 3):	2252.45	5. Pending Changes:	543,903.71	6. Incurred Cost:	36,803.51		-		-		218,143.53		9,158.02
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**Expo Phase 2 VBU Design-Build Contract Status**

<p><b>Expo Phase 2 Contractor: Balfour Beatty Infrastructure, Inc.</b></p>	<p><b>Contract No.: XP8901-828</b> <b>Status as of: 31-May-13</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>																																				
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<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: 680</p> <p>Elapsed Time from NTP: 639</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></td> </tr> <tr> <td>3. Approved Change Orders:</td> <td></td> <td style="text-align: right;">83.60</td> <td style="text-align: right;">1,551.90</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td></td> <td style="text-align: right;">15,758.60</td> <td style="text-align: right;">1,551.90</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;">7,539.41</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:				3. Approved Change Orders:		83.60	1,551.90	4. Current Contract Value (1 + 2 + 3):		15,758.60	1,551.90	5. Pending Changes:		-		6. Incurred Cost:		7,539.41	1,551.90
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