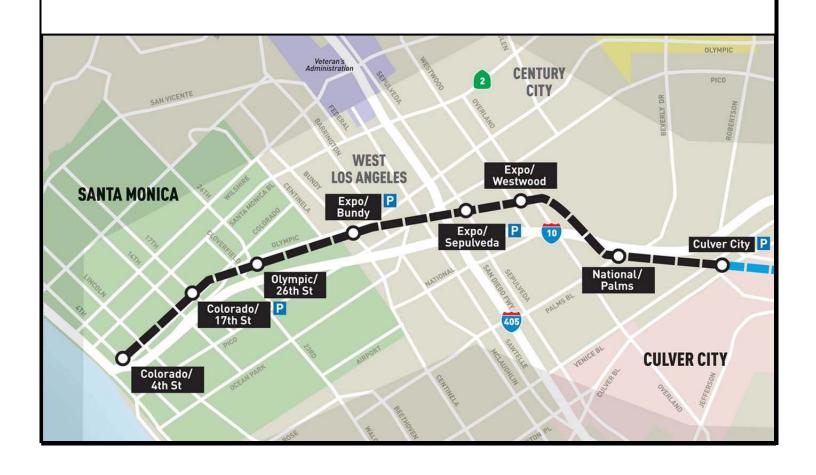
# Phase 2 Exposition Metro Line Project

# Monthly Project Status Report

October/November 2011



# EXPOSITION METRO LINE CONSTRUCTION AUTHORITY Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



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# EXPOSITION METRO LINE CONSTRUCTION AUTHORITY Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



# **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

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



# Phase 2 Exposition Metro Line Construction Authority Culver City to Santa Monica Segment

### **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 in April 2011.

### Santa Monica Project Scope

At the October 6, 2011 Expo Authority Board meeting, the Board approved the Master Cooperative Agreement with the City of Santa Monica for design and construction of the Phase 2 Expo Project.

At the October 25, 2011 City of Santa Monica Council meeting, the Council supported scenario 2 for the Expo Light Rail Maintenance Facility design.

Staff, the City of Santa Monica, and the Authority's Design-Build contractor advanced City funded betterment requests for the 4<sup>th</sup>, 17<sup>th</sup>, and 26<sup>th</sup> Street Stations. The City Council will consider the Design-Builder's betterment cost proposals in December.

# Los Angeles Department of Water and Power (LADWP) and Southern California Edison (SCE) Overhead Power Relocations

The Authority is working closely with both LADWP and SCE to identify overhead power line relocations required to accommodate the Project. Staff is working with the Phase 2 Design-Build contractor and with the Venice Bridge Underpass contractor to prioritize relocations necessary to support construction.

### **Kenter Canyon Storm Drain**

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 current project scope contemplates protecting the system in place if required. The Contractor completed an investigation of the storm drain and is performing a structural analysis to identify any potential impacts to the storm drain.

### I-10 Box Grade Crossing

The Phase 2 alignment passes underneath the I-10 freeway through an existing concrete box. The concrete box previously accommodated a single track freight line and a portion of the existing box dimensions are limited in accommodating a double track LRT alignment. The preliminary alignment was finalized with Metro and the crossing was approved by the CPUC Commission on November 10<sup>th</sup>.

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



# Phase 2 Bike Path

Environmental documents were approved by the City of Los Angeles. Skanska/Rados advanced a cost proposal to provide Preliminary Engineering. Metro and Authority staff coordinated with the Cities of Los Angeles and Santa Monica to advance scope definition and funding agreements.

### I-405 Layover Area

The Metro contract for the I-405 HOV project included a provision for a laydown area in the Exposition LR
right-of-way. The Authority's and Metro's contractors are coordinating their activities in an effort to minimiz
any impacts to either project's schedules.

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



# **Key Activities Completed this Period**

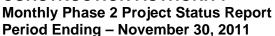
- Phase 2 Design-Build contractor, Skanska/Rados (SRJV), advanced 60% design documents.
- SRJV continued pre-construction activities investigated the Kenter Canyon storm drain and performed structural analysis; installed fence; potholed; and continued pre-construction survey.
- SRJV prepared a Preliminary Engineering cost proposal for a City of Santa Monica funded betterment at the 4<sup>th</sup> Street Station and continued negotiations with the City for betterments at the 17<sup>th</sup> and 26<sup>th</sup> Street Stations.
- Venice Bridge Underpass contractor, Balfour Beatty Infrastructure, Inc. (BBII), advanced 95% bridge and roadway design documents and 100% sewer relocation plans.
- BBII continued pre-construction activities prepared documents to support right of way efforts; and submitted to Caltrans the final project study report.
- Maintenance Facility designer, Maintenance Design Group (MDG), advanced 30% design documents.
- SRJV and BBII continued coordination for contract interface activities. SRJV and MDG continued coordination for contract interface activities.
- Staff advanced right of way term sheets, right of entry agreements, and a draft Board report related to the Sepulveda parking garage.
- Continued coordination with the Cities of Los Angeles and Santa Monica, Metro and Caltrans.
- Continued coordination with LADWP and SCE on overhead power line relocations.
- Held Urban Design Committee meetings.
- Held community meetings and met with affected project stakeholders.

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



# **Key Future Activities**

- Phase 2 Design-Build contractor, Skanska/Rados (SRJV), will submit 60% design documents for Metro-Authority-third party review.
- SRJV will continue pre-construction activities continue structural analysis of the Kenter Canyon storm drain; install fence; pothole; continue pre-construction survey; and abate building hazardous materials.
- SRJV will continue negotiations with the City of Santa Monica for betterments at the 4<sup>th</sup>, 17<sup>th</sup>, and 26<sup>th</sup> Street Stations. It is anticipated that the City Council will consider the Design-Builders betterment cost proposals in December.
- Venice Bridge Underpass contractor, Balfour Beatty (BBII), will advance 95% bridge and roadway design documents and 100% sewer relocation plans.
- BBII will continue pre-construction activities prepare documents to support right of way efforts; and seek Caltrans approval for the final project study report.
- Maintenance Facility designer, Maintenance Design Group (MDG), will submit 30% design documents for Metro-Authority review.
- SRJV and BBII will continue to coordinate contract interface activities. SRJV and MDG will continue to coordinate contract interface activities.
- It is anticipated that the Board will consider the Sepulveda parking garage term sheets / agreements in December.
- Continue coordination with the Cities of Los Angeles and Santa Monica, Metro and Caltrans.
- Continue coordination with LADWP and SCE on overhead power line relocations.
- Hold Urban Design Committee meetings.
- Hold community meetings and meet with affected project stakeholders.

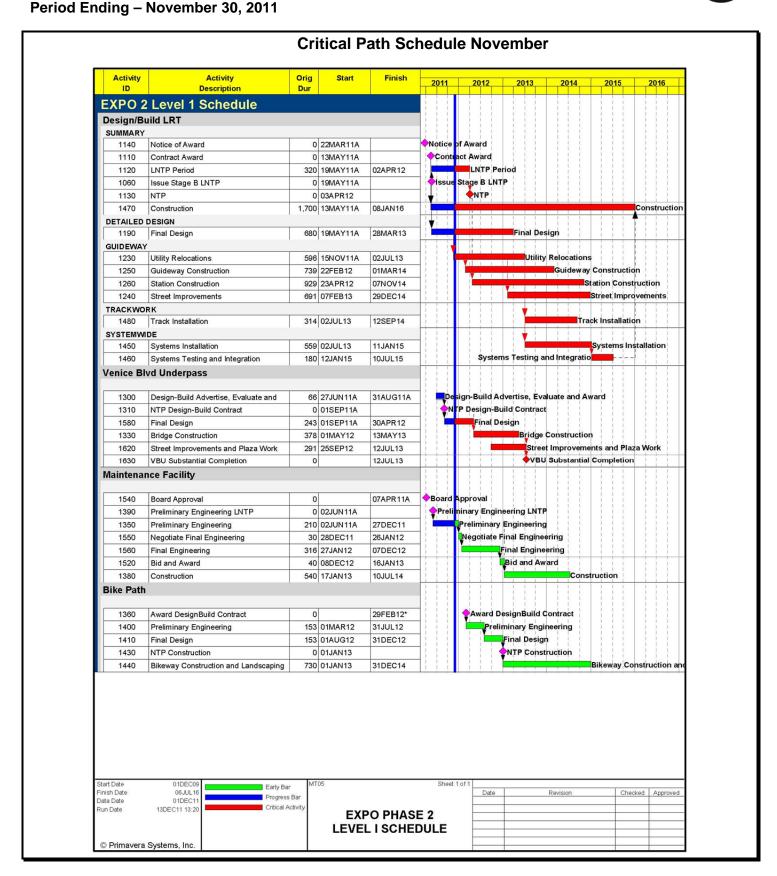




### Phase 2 Exposition Metro Line Construction Authority Schedule Status Critical Path Schedule October Activity Orig Activity 2011 2012 2013 **EXPO 2 Level 1 Schedule** Design/Build LRT SUMMARY 1140 Notice of Award 0 22MAR11A Notic of Award 1110 Contract Award 0 13MAY11A ract Award 1120 LNTP Period 320 19MAY11A 02APR12 LNTP Period 0 19MAY11A Stage B LNTP 1060 Issue Stage B LNTP NTP 1130 NTP 0 03APR12 1470 Construction 1,700 13MAY11A 08JAN16 **DETAILED DESIGN** 1190 Final Design 680 19MAY11A 28MAR13 GUIDEWAY 1230 Utility Relocations 596 15NOV11 02JUL13 Utility Relocations 739 22FEB12 01MAR14 Guideway Construction 1250 Guideway Construction 1260 Station Construction 929 23APR12 07NOV14 Station Construction 691 07FEB13 Street Improvements 29DEC14 1240 Street Improvements TRACKWORK 1480 Track Installation 314 02JUL13 12SEP14 SYSTEMWIDE Systems Installation 559 02JUL13 11JAN15 Systems Installation 180 12JAN15 Systems Testing and Integratio 10JUL15 1460 Systems Testing and Integration Venice Blvd Underpass Design-Build Advertise, Evaluate and 66 27JUN11A 31AUG11A sign-Build Advertise, Evaluate and Award 0 01SEP11A TP Design-Build Contract 1310 NTP Design-Build Contract Final Design 243 01SEP11A 30APR12 Final Design 378 01MAY12 Bridge Construction 1330 Bridge Construction 13MAY13 Street Improvements and Plaza Work 291 25SEP12 12JUL13 Street Improvements and Plaza Work VBU Substantial Completion 1630 VBU Substantial Completion 0 12JUL13 Maintenance Facility 1540 07APR11A Approval Board Approval 1390 Preliminary Engineering LNTP 0 02JUN11A minary Engineering LNTP 210 02JUN11A 27DEC11 Preliminary Engineering Preliminary Engineering Negotiate Final Engineering Negotiate Final Engineering 30 28DEC11 26JAN12 1550 Final Engineering 1560 316 27JAN12 07DEC12 Final Engineering 40 08DEC12 Bid and Award 16JAN13 1520 Bid and Award 1380 Construction 540 17JAN13 10JUL14 **Bike Path** 29FEB12\* Award DesignBuild Contract 1360 Award DesignBuild Contract 1400 Preliminary Engineering 153 01MAR12 31JUL12 Preliminary Engineering Final Design 153 01AUG12 31DEC12 1410 Final Design 1430 NTP Construction 0 01JAN13 NTP Construction 730 01JAN13 31DEC14 Bikeway Construction and Landscaping Bikeway Construction ar 1440 Early Bar Date Checked Approved Revision Progress Bar Data Date 01NOV11 13DEC11 13:16 Critical Activity **EXPO PHASE 2 LEVEL I SCHEDULE** © Primavera Systems, Inc

# Monthly Phase 2 Project Status Report





**Monthly Phase 2 Project Status Report** 

Period Ending - November 30, 2011



# 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></under>
С	CONSTRUCTION	766.4	766.4	560.5	63.1	766.4	¥
R	RIGHT-OF-WAY	265.0	265.0	72.3	72.3	265.0	
V	VEHICLES	202.1	202.1	1E		202.1	
Р	PROFESSIONAL SERVICES	148.2	148.2	76.4	33.1	148.2	
SC	SPECIAL CONDITIONS	63.6	63.6	5.0	0.6	63.6	<b>(F)</b>
PR	PROJECT RESERVE	66.0	66.0	n=	æ	66.0	3
	TOTAL	1,511.2	1,511.2	714.1	169.1	1,511.2	

NOTE: Expenditures are Paid-to-Date through 10/31/11

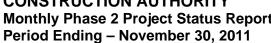
### **Original Budget and Current Budget:**

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 remains the same as the current budget of \$1.511 billion.

**Monthly Phase 2 Project Status Report** 





# **Project Operating Budget Summary in Millions of Dollars** Through November 30, 2011



Sources & Uses of Funds - Phase 2 Status as of November 30, 2011

# Expo Baseline Activities

Sources of Funds (millions)

A

В

C = A - B

	Funding							
Source		Budget		Committed		Uncommitted		
Prop A 35%	\$	238.0	\$	No.	\$	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	\$	12.5	\$	35.3		
Local Agency Contribution	\$	45.3	\$		\$	45.3		
	\$	1,309.1	\$	408.0	\$	901.1		
Total Sources:	\$	1,309.1	\$	408.0	\$	901.1		

Uses of Funds by Element (millions)

A

D = A - B

Element		Budget	Budget Committed Paid			Paid	Uncommitted		
Design-Build Corridor	\$	606.9	\$	546.9	\$	63.1	\$	60.0	
Other Construction Elements	\$	159.5	\$	13.6	\$	~	\$	145.9	
Right-of-Way	\$	265.0	\$	72.3	\$	72.3	\$	192.7	
Professional Services	\$	148.2	\$	76.4	\$	33.1	\$	71.9	
Special Conditions	\$	63.6	\$	5.0	\$	0.6	\$	58.6	
Project Reserve	\$	66.0	\$		\$		\$	66.0	
Total	Jses: \$	1,309.1	\$	714.1	\$	169.1	\$	594.9	

Paid-to-Date through 10/31/11

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



# Project Operating Budget Summary in Millions of Dollars Through November 30, 2011



Sources & Uses of Funds - Phase 2 Status as of November 30, 2011

# Metro Baseline Activities - Vehicles

Sources of Funds (millions) A B C = A - B

Source	Budget	Funding Committed	ι	Jncommitted
RSTP (Federal) for LRVs	\$ 7.7	\$	\$	7.7
CMAQ (Federal) for LRVs	\$ 41.3	\$ 9	\$	41.3
Reg. Imp. Prog. (Federal) for LRVs	\$ 153.1	\$ -	\$	153.1
	\$ 202.1	\$	\$	202.1
Total Sources:	\$ 202.1	\$ -	\$	202.1

Uses of Funds by Element (millions)

A

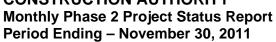
B

C

D = A - B

Element			Committed	Paid		Uncommitted
Vehicles	\$	202.1	\$ (8)	\$	H	\$ 202.1
	Total Uses: \$	202.1	\$ 	\$		\$ 202.0

Paid-to-Date through 10/31/11





# Project Operating Budget Summary in Millions of Dollars Through November 30, 2011



Sources & Uses of Funds - Phase 2 Status as of November 30, 2011

# Non - Baseline Activities

Sources of Funds (millions) A B C = A - B

			Funding		
Source		Budget	Committed	ι	Incommitted
Project Revenue: City of LA Contribution		\$ 5.3	\$ 발	\$	5.3
Project Revenue: City of Santa Monica Contribution		\$ 0.4	\$ 0.4	\$	8.
	Total Sources:	\$ 5.7	\$ 0.4	\$	5.3

Uses of Funds by Element (millions)

A B C D = A - B

Element	E	Budget	9	Committed	Paid		Und	committed
Design-Build Corridor	\$	12	\$	¥1	\$ į	-	\$	ı.
Sepulveda Blvd Bridge & Aeriel Station (Diff.)	\$	5.3	\$	=	\$	-	\$	5.3
26th Street & 17th Street Station Betterments P.E.	\$	0.4	\$	0.4	\$ 1	-	\$	-
Total Uses:	\$	5.7	\$	0.4	\$	-	\$	5.3

Paid-to-Date through 10/31/11

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



Phase 2 Exposition Metro Line Construction Authority Contract Status													
	Expo Phase 2 Design-Build Contract Status  Contract No.: xp8902-002												
Expo Phase 2		Co	ontract No.:	XP8902	2-002								
Contractor: Skanska/Ra	ados	Status as of: 30-Nov-11											
Progress/Work Completed: See Page 6	_	Major Activities (In Progress): - Complete potholing and pre-construction survey activities - Continue final design											
Areas of Concern: See Pages 4 and 5		- Cor - Cor	or Activities Natinue final design natinue Preliminary Entinue field ev aluati	Engineering for	City of Sant		tion Betterments						
		-		Original	Time	Current	I <u>-</u>	Variance					
		Milost	one 1- Contract	Contract Dates	Extension	Contract	Forecast	CDs					
		Compi		01/08/16	0	01/08/16	01/08/16	0					
Sahadula Summanu		60	ot 6				f In 000la						
Schedule Summary:			st Summary:				\$ In 000's						
Date of Award:	05/13/11	1.	Award Value				546,930.00						
Limited Notice to Proceed:	05/19/11	2.	Executed Me				364.72						
Original Contract Duration:	1700	<ul><li>3. Approved Change Orders: 0.00</li><li>4. Current Contract Value (1 + 2 + 3): 547,294.72</li></ul>											
Current Contract Duration:	1700	4.			(1 + 2 +	<b>3)</b> :	547,294.72						
Elapsed Time from NTP:	196	5. 6.	Pending Cha	_			0.00 69,678.12						

Monthly Phase 2 Project Status Report Period Ending – November 30, 2011



### **Expo Phase 2 VBU Design-Build Contract Status Expo Phase 2** Contract No.: xP8901-828 **Contractor: Balfour Beatty** Infrastructure, Inc. Status as of: 30-Nov-11 Progress/Work Completed: Major Activities (In Progress): - Continue Final Design See Page 6 Areas of Concern: Major Activities Next Period: See Pages 4 and 5 - Continue Final Design - Submit Sewer Alignment plans to COLA Original Time Current Variance Contract Forecast Extension Contract CDs Dates Milestone 1- Substantial 07/12/13 07/12/13 07/12/13 Completion **Schedule Summary: Cost Summary:** \$ In 000's 1. Award Value: 15,675.00 Date of Aw ard: 08/04/11 2. Executed Modifications: 0.00 Limited Notice to Proceed: 09/01/11 3. Approved Change Orders: 0.00 Original Contract Duration: 680 4. Current Contract Value (1 + 2 + 3): 15,675.00 **Current Contract Duration:** 680 5. Pending Changes: 0.00 Elapsed Time from NTP: 91 6. Incurred Cost: 0.00