



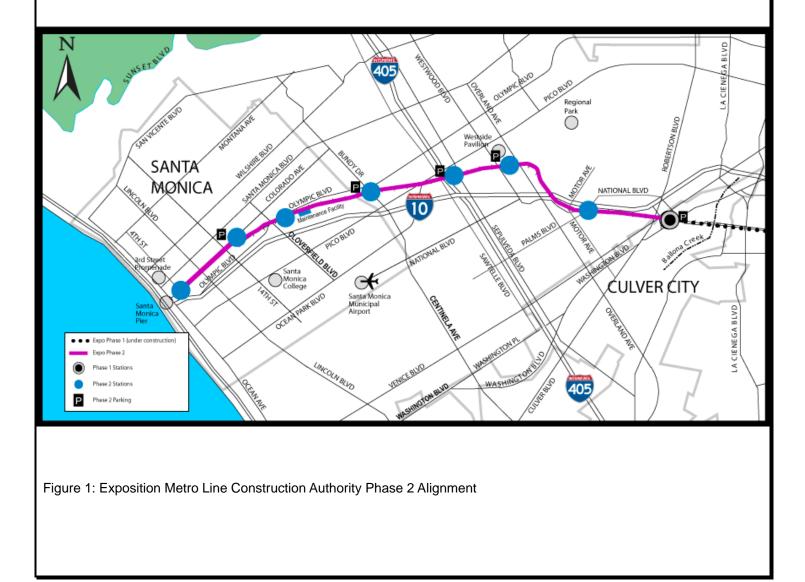
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# Phase 2 Exposition Metro Line Construction Authority Project Description

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.





# 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 of this year. The Authority has issued a Limited Notice to Proceed (LNTP) to the Phase 2 Design-Build contractor, Skanska/Rados, to begin design and limited field activities while the appeal goes through the legal process.

# Santa Monica Project Scope

The Authority is working with the City of Santa Monica to resolve outstanding scope issues that relate to the location of the 4<sup>th</sup> Street terminus station, lane widths along Colorado Boulevard and Betterment requests at the 17<sup>th</sup> and 26<sup>th</sup> Avenue Stations. The City of Santa Monica is expected to take these matters to the City Council in September, 2011.

### 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 their Design-Build contractor to prioritize relocations necessary to support the construction work in the field. The Authority CEO will be meeting with LADWP and SCE management to seek commitments on using an accelerated process to implement the necessary relocations.

# Kenter Canyon Storm Drain

A 10-foot diameter Los Angeles County storm drain built in the 1930s runs along Colorado Boulevard 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 Boulevard. The current project scope contemplates protecting the system in place. The Authority has been working closely with the County to finalize the scope of the structural analysis needed 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 Authority and their Design-Build contractor are working closely with Metro to finalize the alignment. Once the alignment is finalized, the Authority will coordinate their findings with the California Public Utilities Commission (CPUC).



# Phase 2 Bike Path

The Authority is currently awaiting Caltrans approval of environmental documents as well as awaiting Metro funding agreements for the Phase 2 Bike Path. Skanska/Rados is pricing out the cost to do Preliminary Engineering, but Preliminary Engineering cannot proceed without the funding agreement.



# Key Activities Completed this Period

- Issued LNTP to the Phase 2 Design-Build contractor, Skanska/Rados.
- Executed a contract with the Phase 2 Maintenance Facility Design Consultant; Maintenance Design Group (MDG).
- Issued a LNTP to URS for Engineering and Construction Management Services.
- Submitted grade crossing Hazard Analysis as required under General Order 143D of the CPUC code to the CPUC for approval of the Projects grade crossings.
- Continued negotiating Fiscal Year 2012 (FY12) work authorizations with the City of Los Angeles, Caltrans and the City of Santa Monica.
- 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.
- Began Urban Design Committee meetings.
- Held community meetings and met with affected project stakeholders.
- Skanska/Rados began progressing design to the 60% level.
- Skanska/Rados began potholing and pre-construction survey activities.
- Skanska/Rados began Preliminary Engineering for City of Santa Monica funded Betterment at the 17<sup>th</sup> and 26<sup>th</sup> Avenue Stations.
- MDG began Preliminary Engineering of the Maintenance Facility.



# **Key Future Activities**

- Obtain Expo Board authorization for a design-build change order to Balfour Beatty Infrastructure (BBI) to complete the design and construct the Venice Blvd. Underpass.
- BBI begin Final Design of the Venice Blvd. Underpass.
- Submit the final PSR/PR to Caltrans for the Venice Blvd. Underpass.
- Skanska/Rados complete 60% trackwork design submittal.
- Skanska/Rados continue potholing and pre-construction survey activities.
- Skanska/Rados begin field evaluation of the Kenter Canyon Storm Drain.
- Skanska/Rados complete Preliminary Engineering for 17<sup>th</sup> and 26<sup>th</sup> Avenue Stations and provide City of Santa Monica with Betterment construction costs.
- MDG continue Preliminary Engineering of the Maintenance Facility.
- Phase 2 groundbreaking event on September 12, 2011.
- Complete Master Cooperative Agreement with the City of Santa Monica.
- Hold additional community meetings and continue coordination with Project Stakeholders.



Activity	Activity	Orig	Start	Finish	2011	2012	2013	2014	2015	2016
	Description	Dur								
	2 Level 1 Schedule					111		111		
	uild LRT				1111					
UMMARY 1140	Notice of Award	0	22MAR11A	1	Nolice o	f Award	111	111	111	
1110	Contract Award		13MAY11A	-		ct Award				
1120	LNTP Period	320	19MAY11A	02APR12			eriod	111	111	
1060	Issue Stage B LNTP	0	19MAY11A			Stage B LN	TP			
1130	NTP	0	03APR12		•	<b>NTP</b>			111	
1470	Construction	1,694	13MAY11A	08JAN16		10.1				Construction
DETAILED	DESIGN				<b>V</b>					
1190	Final Design	680	19MAY11A	28MAR13			Final De	əsign		
GUIDEWA					- 1 1 1				111	
1230	Utility Relocations		15NOV11	02JUL13	_ [ ] [ ] [	V.1. 1. 1	Utility	y Relocation	I I I I	
1250	Guideway Construction		22FEB12	01MAR14	-1111	1 1 1	1 1	1 1 1	y Construct	1 1 1
1260	Station Construction		23APR12	07NOV14	-1111		Y	1 1 1 1	tation Cons	
1240	Street Improvements	691	07FEB13	29DEC14				1 1 1	Street Impr	overnents
1480	Track Installation	214	02JUL13	12SEP14				Tra	ick Installati	on
SYSTEMW	A second s	514	0230113	1256714	1	++++			ick mstallati	on
1450	Systems Installation	559	02JUL13	11JAN15	-1111	111		111	Systems In	stallation
1460	Systems Testing and Integration		12JAN 15	10JUL15	-11	Systems	s Testing ar	nd Integratio		
	lvd Underpass			1000010						
enice D	iva onderpass					111				
1300	Design-Build Advertise, Evaluate and	66	27JUN11A	31AUG11	Des	ign-Build A	dvertise, E	valuate and	Award	
1310	NTP Design-Build Contract	10.00	01SEP11		- NT	P Design-E	Build Contra	act		
1580	Final Design	243	01SEP11	30APR12	- i i 🍋	Final D	esign			
1330	Bridge Construction	378	01MAY12	13MAY13			Bridge	Constructio	on	
1620	Street Improvements and Plaza Work	291	25SEP12	12JUL13	-1341	11 🖿	Stree	et Improvem	ents and PI	aza Work
1630	VBU Substantial Completion	0		12JUL13			VBL	J Substantia	al Completio	n
laintena	nce Facility					111				
	7					111	111	111	111	1111
1540	Board Approval	0		07APR11A	Beard A	pproval				
1390	Preliminary Engineering LNTP	0	02JUN11A		<b>Prelim</b>	ninary Engi	neering LN	TP		
1350	Preliminary Engineering	210	02JUN 11A	27DEC11		Preliminary	Engineerin	ng		
1550	Negotiate Final Engineering	30	28DEC11	26JAN12		Negotiate	Final Engin	neering		
1560	Final Engineering	316	27JAN 12	07DEC12	111		Final Engin	eering	111	
1520	Bid and Award	40	08DEC12	16JAN13		111	Bid and A	1 1 1	1.1.1	
1380	Construction	540	17JAN 13	10JUL14		111		Cons	truction	
Bike Path	n					111		111		
	1		0.0			111				
1360	NTP Final Design	0		31JUL11*		Final Desi	T 1 1 1	111		
1400	Final Design		01AUG11	31JUL12	-1111	Fina	Design			
1410	Prepare Construction Documents		29NOV12	02APR13		111	1 1 1	Constructio	1. I. I. I. I.	
	Advertise, Evaluate and Award		03APR13	30JUN 13	-11111	111		ntise, Evalu	a management of the second	rd
1420		0		15JUL13	1 1 1	4 1 1	¥N11	P Constructi		1.1.1.1.1.1
1420 1430 1440	NTP Construction Bikeway Construction and Landscaping		16JUL13	30APR14					and the second	ion and Lands



# **Critical Path Float Trend**

# **Critical Path Analysis**

# Primary Critical Path (0 Calendar Days)

Currently, the Critical Path runs through the LRT Design-Build Project and Venice Boulevard Underpass (VBU). More specifics will be provided after the development of the Baseline Schedule for both projects is completed.

# Secondary Critical Path / (545 Calendar Days)

The secondary critical path runs through the design, construction contract procurement and construction of the Maintenance Facility project.

# **Design Build Contract Float (0 Calendar Days)**

The current schedule reflects a forecast completion for Substantial Completion on July 10, 2015 and is on target with the contract completion date of January 8, 2016; therefore the contract float remains unchanged this period.



Expo Phase 2 Contractor: Skanska/Rados		Contract No.: XP8902-002 Status as of: July 31, 2011											
Progress/Work Completed:	LNTP Issued 5/19/11     Mobilization	Major Activities (In Progress): - LNTP Issued 5/19/11.											
Areas of Concern:	- Continue final design - Continue potholing au - Begin Preliminary En	<ul> <li>Major Activities Next Period:</li> <li>Continue final design</li> <li>Continue potholing and pre-construction survey activities</li> <li>Begin Preliminary Engineering for City of Santa Monica Station Betterments</li> <li>Begin field evaluation of the Kenter Canyon Storm Drain</li> </ul>											
		Original Contract Dates	Time Extension	Current Contract	Forecast	Varian o CDs							
	Mile stone 1 - Contract Completion	01/08/16	0	01/08/16	01/08/16	0							
Schedule Summary:	Cost Summar	Cost Summary:											
Date of Award: 05/13/11	1. Award Valu	1. Award Value: 546,930.00											
Limited Notice to Proceed: 05/19/11		2. Executed Modifications: 0.00											
Original Contract Duration: 1700	3. Approved C	-	•	0.00									
Current Contract Duration: 1700													
Elapsed Time from NTP: 19	_	<ul><li>5. Pending Changes:</li><li>6. Incurred Cost:</li></ul>											



<b>B</b> <sub>Expo</sub>					Sources & Uses of Funds - Phase Status as of July 31, 201			
Baseline Activities								
Sources of Funds (millions)		Α		в		C = A - B		
Source		Budget		Funding Committed	ι	Jncom mitted		
Prop A 35%	9		.0 \$		\$	238.0		
Prop C 25%	9		.3 \$			112.7		
Measure R	5	813	7 \$	261.7	\$	552.0		
Prop 1B Bonds	5	48	9 \$	15.2	\$	33.7		
Regional Improvement Program (State)	5	47	.8 \$	12.5	\$	35.3		
RSTP (Federal) for LRVs	S	7	7 \$		\$	7.7		
CMAQ (Federal) for LRVs	\$	41	3 \$	-	\$	41.3		
Reg. Imp. Prog. (Federal) for LRVs	9	153	1 \$	-	\$	153.1		
Local Agency Contribution	3	45	3 \$	-	\$	45.3		
	9	010.00				1,219.2		
	Total Sources:	1,511	.2 \$	292.0	\$	1,219.2		
Uses of Funds by Element (millions)		A		в		с	ı	D = A - B
Element		Budget		Committed		Paid	Un	committed
Design-Build Corridor	S	606	9 \$	546.9	S	44.9	\$	60
Other Construction Elements	\$		5 \$		\$	-	\$	159
Right-of-Way	\$		.0 \$			63.9		201
Vehicles	S	202	1 \$	-	\$	-	\$	202
Professional Services	\$	148	2 \$	38.5	\$	31.5	\$	109
Special Conditions	\$	63	6 \$	4.8	\$	0.1	\$	58
Project Reserve	\$		.0 \$		\$	-	\$	66
	Total Uses: \$	1,511	2 \$	654.1	\$	140.4	\$	857



Expo						S		of Funds - Phase 2 as of July 31, 2011
Non - Baseline Activities Sources of Funds (millions)			A		В		C = A - B	
Source			Budget		Funding Committed	U	Incommitted	
Project Revenue: City of LA Contribution		\$	5.3	\$	-	\$	5.3	
Project Revenue: City of Santa Monica Contribution	- al Sources:	\$		\$ '\$		\$	- 5.3	
Uses of Funds by Element (millions)			A		В		с	D = A - B
Element			Budget		Committed		Paid	Uncommitted
Design-Build Corridor		\$	-3	\$	-	\$	-	\$ -
Sepulveda Blvd Bridge & Aeriel Station (Differential)		\$		\$	-	\$	1	\$ 5.3
26th Street & 17th Street Station Betterments P.E.	- Fotal Uses:	\$		\$ '\$	10 M	\$	15	\$ 0.4 \$ 5.7
ľ		φ	0.7	φ		φ		<u>\$ 0.7</u>
Paid-to-Date through 7/31/11								