Los Angeles County Metropolitan Transportation Authority

MONTHLY PROJECT STATUS REPORT

Metro Gold LineNovember 2007Eastside Extension





METRO GOLD LINE EASTSIDE EXTENSION

:

ļ,

1 i

į

1

21

MONTHLY PROJECT STATUS REPORT

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U. S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND FUNDS FROM THE STATE OF CALIFORNIA.

NOVEMBER 2007

\$

1

1

i.

1

ł

1

TABLE OF CONTENTS

Page No.

Project Overview & Status	1-4
Management Issues	4
Project Status	
Project Scope	5
Schedule	
 Key Milestones Six-Month Lookahead 	6
 Project Master Schedule Critical Path 	7-11
o Critical Path Narrative	12
Project Cost Status	13-14
Financial/Grant Status	15-16
Staffing	17-19
Real Estate	20
Environmental	21
Community Relations	21
Quality Assurance	22
Safety	22
Art Development	22
Third Party	23-24
CPUC Crossing	25
Contract C0802 Status	26
Contract C0803 Status	27
Contract E700051F Status	28
Contract P2550 Status	29
Construction Photographs	30-32
Appendices	33-36

PROJECT OVERVIEW & STATUS

The Metro Gold Line Eastside Extension Project is a six-mile, dual track light rail system with eight new stations and one station modification. The system originates at Union Station in downtown Los Angeles, where it connects with the Pasadena Gold Line, traveling generally east to Pomona and Atlantic Boulevards. The system will bridge State Route 101 Freeway and traverse the existing 1st Street Bridge over the Los Angeles River. The system will travel south on Alameda Street and then east on 1st Street with two stations at Alameda and Utah Streets. East of the Los Angeles River and 1st and Utah Streets, the alignment transitions to tunnel for approximately 1.7 miles, and continues beneath 1st Street to underground stations at 1st Street and Boyle Avenue and 1st Street and Soto Street. The alignment returns to the surface near the intersection of 1st Street and Lorena Streets, then jogs to the south, transitioning to follow 3rd Street with stations at Indiana Street, Ford Boulevard, Mednik Avenue and Pomona and Atlantic Boulevards.

During this period, Advanced Partial Unit Design packages pertaining to Segments 3C and 4B were Issued for Construction (IFC). Segments 3A and 3B IFC design packages are also underway. All Systems Design packages have been completed.

Procurement of the City of Los Angeles 1st Street Bridge Phase III Widening Project continued per plan. Four construction bids were received by the City on November 28, 2007. Bids are under evaluation and contract award is expected in the next reporting period. The Phase III completion may impact the construction of the project guideway/trackwork on the bridge.

Underground construction is proceeding per plan. The C0803 electrical subcontractor this period continued conduit installation in both tunnels between the Soto Station and the East Portal. Also, the electrical subcontractor started the removal of a portion of the installed conduit under the walkway, which will have to be relocated to the embedded track to satisfy Safety Code requirements. The project schedule will not be impacted.

At the Boyle Heights/Mariachi Plaza Station, construction crews completed installation of mezzanine level exterior wall at the bulkhead and the interior walls between grid lines 1-3. The station entrance invert slab construction continued per schedule. The first concrete pour between grid lines 13-15 was completed and rebar and embeds placement started in the next section (grid lines 15-17). Work on the station emergency exit # 1 began with the installation of soldier piles. Also this period, field crews started placement of the shoring system for the construction of the station roof.

At the Soto Station, field crews completed installing the mezzanine slab and started placing additional shoring at the track level, which will support the weight of the mezzanine wall forms and the shoring system for the roof slab concrete pour. The removal of second level struts at the mezzanine level started this period, which allowed the water proofing HDPE membrane installation at exterior walls to begin. Also, construction crews began placing mezzanine slab rebar and embeds at the west end of the station next to the bulkhead.

At the West Portal, construction crews this period completed installation of concrete walkways and began backfilling above the roof section.

PROJECT OVERVIEW & STATUS

At the East Portal, construction of the last portal structural section next to the hammerhead continued per plan. Field crews completed concrete pours for the exterior bulkhead and north walls at track level, and began installing rebar and embeds at the south wall. Also this period the interior walls at track level were completed.

At-grade construction is proceeding according to plan. Construction of the temporary baggage-handling road at Union Station continued per the schedule. Field crews completed the foundation work for the CMU walls and started erecting wall blocks and backfilling in anticipation of placing the light-weight material on top. Along Alameda Street (Segment 1), installation of the Mechanically Stabilized Earth (MSE) wall is nearing completion. The last prefabricated cast panels were erected and construction crews started installation of the wall coping. Also, guideway construction north of the intersection of Alameda and 1st Street began this period.

Along 1st Street between Alameda and Vignes Streets (Segment 2A), construction of the guideway continued per schedule. Field crews completed installation of guideway and trackwork at the intersection of 1st Street and Vignes Street. Also this period, construction of temporary crossings at the intersections of 1st Street with Vigness St. and Mission Rd. were completed. This was necessary to maintain two traffic lanes during construction of guideway and track along a non-widen 1st Street Bridge (Segment 2B). Also, rail welding for the tunnels and underground stations was completed utilizing a mobile rail welding operation.

Construction along 1st Street between Lorena and Indiana Streets in Segment 4A continued per the schedule. The street widening of the south side completed this period, which allowed guideway construction to begin east of Lorena Street. Construction crews completed street demolition and began installing OCS pole foundations. Along Indiana Street (Segment 4B) street improvements began at the north side of the intersections of Indiana Street and 1st and 3rd Streets. Street demolition and installation of temporary traffic signals were completed.

Construction along 3rd Street, between Ditman and Eastern Avenues, in Segment 5 continued according to plan. At the intersection of 3rd Street and Ditman Avenue, field crews started street improvements on the north side of the intersection, where street demolition completed and installation of curb and gutter began. Guideway construction continued between Gage and Rowan Streets, where installation of track and underground train control conduit and foundations continued this period. Between Downey Road and Herbert Avenue, installation of OCS poles continued and at Sunol Road and 3rd Street, construction of TPS-04 substation continued per the schedule. Field crews placed remaining power feed conduit and completed vaults installation at this location.

Between Mednik and Eastern Avenues (Segment 6), guideway construction also continued per plan. Field crews continued installing embedded rail and track plinth between Eastern Avenue and Ford Boulevard, as well as underground conduit and foundations for train control devices and cabinet cases. Installation of OCS poles in this segment completed this period.

PROJECT OVERVIEW & STATUS

At the east end of the alignment along 3rd Street between Atlantic Boulevard and Mednik Street (Segment 7), guideway construction is near completion. Field crews completed fine grading the remaining track segment and the track crossover west of Woods Avenue, in preparation for installation of plinth and rail. At Atlantic Boulevard and Pomona, construction at the TPS-06 site continued this period. Field crews completed installing power feed conduit and vaults at this location.

In other areas of the alignment, at-grade station construction continues according to plan. At the Atlantic Station, construction crews continued erection of steel canopy sections. At the East Los Angeles Civic Center Station, field crews began installation of canopy steel supports. At the Maravilla Station, retaining wall construction started this period. Field crews completed rebar and forms for the north wall and also poured concrete. Also, construction at the Indiana Station continued per the schedule. The TC&C room roof and the station platform deck were completed. And at Pico/Aliso Station, field crews completed excavation of the TC&C room and poured the protection slab.

The City of Los Angeles contractor for the 1st Street Viaduct Bridge Widening Project, Phase II Girder Strengthening, achieved substantial completion on November 14, 2007. Although change work in advance of Phase III construction and contractor demobilization continues, the City of Los Angeles officially turned the bridge over to Metro last period on October 26, 2007.

The Caltrans contractor for the US-101 Freeway LRT Bridge Overcrossing Project (Contract C0802) achieved this period the last milestone "Plant Establishment Period".

The fabrication and delivery of 50 light rail vehicles (LRV's), Contract No. P2550, continues per the revised plan. Ten vehicles are required for the Metro Gold Line Eastside Extension Project. Fabrication of car assemblies is done at the contractor's plant in Italy and final assembly and testing is done at the contractor's facility in California. To date, a total of nine vehicles are going through the pre-acceptance process before entering the final inspection and commissioning phase. There were no deliveries to the commissioning site this period. Three completed vehicles in the final configuration are scheduled for delivery to the commissioning site next period. The current delivery schedule supports the project systems integration testing and pre-revenue phases.

The Universal Fare System (UFS) equipment fabrication is proceeding per the revised plan. The vendor's fabrication schedule is two months and will begin in December 2007. Metro staff has determined that in order to minimize the risk of equipment damage and vandalism, equipment installation will be deferred to the period of Pre-Revenue Operations. Therefore, it will be necessary for the vendor to store the completed equipment at the vendor's facility until the equipment is required for installation.

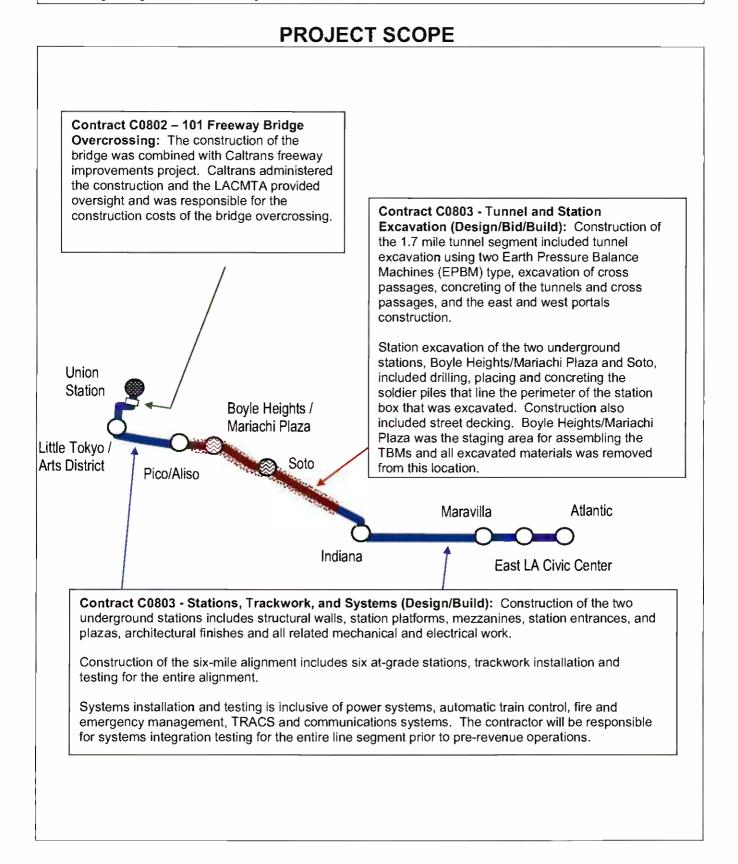
Monthly Project Status Report

PROJECT OVERVIEW & STATUS

The Metro Art Department continued providing technical support and coordination between the C0803 contractor and the artists responsible to provide art pieces for the eight stations. The artists continue to finalize the art design and the development of shop drawings with multiple fabricators. Metro and ELRTC staff this period continued having coordination meetings, where fabrication and installation schedules were discussed.

MANAGEMENT ISSUES

No Management Issues for the period ending November 2007.



5

KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD

	Milestone Date	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08
Completed Mezzanine Slab at Soto Station	11/09/07 *	0					
Completed Mezzanine Level Walls at Boyle Heights / Mariachi Plaza Station	11/29/07 *	0					
Complete MSE Wall From Commercial Street to Alameda Street - Segment 1	12/17/07 *		0				
Deliver the First Traction Power Substation - TPS-06	12/23/07		0				
Complete Delivery of Overhead Catenary System Poles	12/25/07		0				
Start Rail Installation in the Tunnels	12/27/07 *		0				
City of Los Angeles Award First Street Bridge Phase III Widening Contract	12/28/07						
Complete All Design Approved for Construction (AFC)	12/31/07 *		0				
Start Installation of Cable Transmission System - Segment 7 East End of the Alignment	01/02/08 *			0			
Complete Civil Guideway Construction - Segment 7 East End of the Alignment	01/07/08 *			0			
Start Construction of the Boyle Heights/Mariachi Plaza Station Platform	01/08/08			0			
Start Communications Installation - Atlantic Station	01/18/08			0			
City of Los Angeles Issue First Street Bridge Phase III Widening Contract NTP	01/23/08						
Complete Mezzanine Level Walls at Soto Station	02/12/08 *				0		
Complete Temporary Baggage Handling Road at Union Station	02/18/08 *				0		
Complete Construction of the East Portal Structure	03/13/08					0	
Complete Civil Guideway Construction - Segments 2A and 2B	03/18/08 *					0	
Complete At-Grade Stations Canopy Installation	04/17/08 *						0
Complete Installation of Traction Power Substations	04/21/08						0
Complete Entrance Structure at Boyle Heights / Mariachi Plaza Station	04/28/08						0
Start Installation of the Radio System in the Tunnels	04/30/08 *						0
LAC MTA Staff Milestone Eastside	LRT Constructors		A	FTA Approv	/al		
▲ Other Agencies ★ New Date	3	M	Metro	LAC MTA E	loard Appro	val	

Activity	Activity Description	Rem	Early Start	Early Finish	2009 2009
-	Sold Line Eastside Extension (ELRTC)	- COI	Juit	P WALLAR	2009 JASONDJIFIMAMJJASONDJFMAMJJASONC
	- Q & P for C0801 Elements				
the second s	rground Station		_		
Boyle Heights /	/ Mariachi Plaza		-		
Excavation an	d Support				
A3ES BL045	1st Street Roof Backfill	15	19NOV07A	09JUN08	1st Street Roof Backfill
A3ES BL050	Remove Deck Planks Beam/Temp Pave/Backfill	15	10.JUN08	30JUN08	Remove Deck Planks Beam/Temp Pave/Backfill
Concrete / Str	ucture				
A3SC BL210	Plaza Invert Conc	14	260CT07A	21DEC07	Plaza Invert Conc
A3SC BL215	Plaza Lower Ext Walls & Rmv Invert Lev Strut	25	26DEC07	11FEB08	Plaza Lower Ext Walls & Rmv Invert Lev Strut
A3SC BL220	Plaza Mezz Slab	25	12FE808	27MAR08	Plaza Mezz Siab
A3SC BL225	Plaza Upper Ext Walls	15	28MAR08	21APR08	Plaza Upper Ext Walis
A3SC BL230	Plaza Roof Slab	15	22APR08	14MAY08	Plaza Roof Slab
Archt/Finishes	s (Mezzanino Level)				
ASARCEW010	GL 1-6 CMU	10	15JAN08	31JAN08	RGL 1-6 CMU
A3ARCBW045	GL 1-8 Acoustical Finish	10	04FEB08	20FE808	GL 1-6 Acoustical Finish
Archt/Finishes	Plaza/Landing/Emergency Exit				
A3ARC8W075	INSTL Canopy Structure Steel-Plaza (HW)	15	02, JUL 08	23JUL08	NSTL Canopy Structure Steel-Plaza (MW)
Mechanical/Pic	unbing Equip/Metals				
A3MECBW022	GL 1-8 Fire Protection - Mezz Lev	15	21FEB08	19MAR08	GL 1-6 Fire Protection - Mezz Lev
A3MECBW023	GL1-8 HVAC - Mezz Lev	30	20MAR08	07MAY08	GL1-6 HVAC - Mezz Lev
Signals and Lig	ghting				
ASEL BW020	INSTL Traffic Signal/St Lightings/Striping (MW)	30	12NOV08	30DEC08	INSTL Traffic Ślgnal/Śl Lightings/Striping (MW)
Street improve	ment				
A2SR WP050	1ST, Street Restoration Mariachi Station Area	60	22AUG08	18NOV08	Broet Restoration Mariachi Station Area
Electrical/Light	Eng				
A3EL BW095	GL 1-6 Power - Mezz Lev	50	06APR08	20JUN08	GL 1-6 Power - Mezz Lev
A3EL BW105	GL 1-6 Lighting - Mezz Lev	30	30MAY08	15JUL08	GL 1-6 Lighting - Mezz Lev
Landscaping					
A3ARCBW105	Landscaping @ Plaza Level	20	24JUL08	21AUG08	Landscaping @ Plaza Level
and the second s	iachi Plaza Station Area for MS1				
	Preparation Punch List Mariachi Sta for MS#1	20	05JAN09	09FEB09	Preparation Punch List Marlachi Sta for MS#1
Soto Station			100		
Excavation and			-	i)	
A2ES ST065	Remove 2nd Level Struts @Soto Station	8	06MAR07A	13DEC07	Remove 2nd Level Struts @Soto Station
Goncrete / Stru					
A3SC \$5065	Solo Upper Exterior Walls 1-4		04DEC07	17DEC07	Soto Upper Exterior Walls 1-4
A3SC \$\$055	Solo Upper Exterior Walls 4-9	15	18DEC07	15JAN08	Solo Upper Exterior Walls 4-9
Cale h Dale Date Date Primavera (01.00x02 15.0009 010EC07 210EC07 0:08 Systems, Inc.	Bar MZ11	Metro	Gold Line E -26 Critical ent Forecas	Sheet 1 of 5

PROJECT MASTER SCHEDULE

November 2007

Metro Gold Line Eastside Extension Monthly Project Status Report

A3SC SS088 Remove Plaff A3SC SS080 Platform walls A3SC SS090 Platform walls A3SC SS090 Soto Upper Ex A3SC SS095 Platform walls A3SC SS095 Platform walls A3SC SS095 Platform walls A3SC SS080 Entrance Ext A3SC SS080 Entrance Ext A3ARCSS120 EL 1-3 CMU 8 A3ARCSS120 EL 1-3 CMU 8 A3ARCSS120 EL 7-10 CMU A3ARCSS140 EL 7-12 Furnis A3ARCSS140 EL 7-12 Furnis A3ARCSS140 EL 7-12 Furnis A3ARCSS140 TC & C RM Fit A3MECSS140 EL 7-10 Fite P A3MECSS140 EL 7-10 Fite P A3MECSS140 EL 7-10 Fite P	Exterior Walls 9-12 ck (1st Lift) s 2-5 Wall (2nd Lift) evel) & Stab tU J ustical Finish hishings tg/Emargency Exit) @ TC & C RM Metals Fin Protection	5 10 15 15 10 18 20 35 35 10 10 10 10 10 5	17 JAN08 17 JAN08 17 JAN08 17 JAN08 17 JAN08 05FE08 14FE08 14FE08 13MAR08 13MAR08 01MAY08 03JUN08 22DEC08	Finish 15.JAN08 24.JAN08 04FE908 12FE808 12FE808 12FE808 20MAR08 20MAR08 08MAY08 15MAY08 30MAY08 16JUN08 30DEC08	FMAMILASONDJFMAMJASONDJFMAMJASON Entrance Deck Shoring (1st Lift) Remove Platform Lev Re-Shoring Platform walls 5-11 Soto Upper Exterior Walls 9-12 Entrance Deck (1st Lift) Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Shoring GL 1-3 CMU & Slab GL 1-3 CMU & Slab GL 1-3 CMU GL 7-10 CMU GL 7-10 CMU
A3SC SS074 Entrance Deck A3SC SS088 Remove Plaff A3SC SS080 Platform walls A3SC SS090 Platform walls A3SC SS090 Platform walls A3SC SS095 Entrance Deck A3SC SS095 Platform walls A3SC SS095 Platform walls A3SC SS097 Roof Shoring A3SC SS097 Roof Shoring A3ARCSS190 GL 1-3 CMU 8 A3ARCSS190 GL 7-10 CMU A3ARCSS190 GL 7-12 Furnis Archt /Finishes (Plaza/Landing A3ARCSS190 GL 7-10 Fire P A3MECSS190 GL 7-10 Fire P A3MECSS190 GL 7-10 Fire P A3MECSS190 GL 7-10 Fire P A3MECSS190 GL 7-10 Fire P	Norm Lev Re-Shoring is 5-11 Exterior Walls 9-12 ck (1st Lift) is 2-5 Wall (2nd Lift) evel) & Stab tU J ustical Flnish hishings tg/Emargency Exit) @ TC & C RM Metals Fire Protection	5 10 15 15 20 35 35 10 10 10 10 10 5	17 JAN08 17 JAN08 17 JAN08 17 JAN08 17 JAN08 05FE08 14FE08 14FE08 13MAR08 13MAR08 01MAY08 03JUN08 22DEC08	24JAN08 04FE908 12FE908 12FE908 12FE908 12MAR08 20MAR08 08MAY08 15MAY08 30MAY08 15MAY08 16JUR08	Remove Platform Lev Re-Shoring Platform walls 5-11 Soto Upper Exterior Walls 9-12 Entrance Deck (1st Lift) Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Shoring GL 1-3 CMU & Siab GL 10-12 CMU GL 7-10 CMU GL 7-12 Acoustical Finish
A3SC SS089 Remove Plaff A3SC SS090 Platform walls A3SC SS090 Platform walls A3SC SS095 Entrance Ded A3SC SS095 Platform walls A3SC SS095 Platform walls A3SC SS095 Platform walls A3SC SS097 Roof Shoring A3SC SS090 GL 1-3 CMU 8 A3ARCSS120 GL 7-10 CMU A3ARCSS090 GL 7-12 Furnis A3ARCSS140 GL 7-12 Furnis A3ARCSS080 GL 5-6 CMU 0 Mochanical/Plumbing/Equip/M A3MECSS140 TC & C RM Fit A3MECSS140 TC & C RM Fit A3MECSS140 GL 7-10 Fite P A3MECSS140 GL 7-10 Fite P A3MECSS140 GL 7-10 Fite P	Norm Lev Re-Shoring is 5-11 Exterior Walls 9-12 ck (1st Lift) is 2-5 Wall (2nd Lift) evel) & Stab tU J ustical Flnish hishings tg/Emargency Exit) @ TC & C RM Metals Fire Protection	5 10 15 15 20 35 35 10 10 10 10 10 5	17 JAN08 17 JAN08 17 JAN08 17 JAN08 17 JAN08 05FE08 14FE08 14FE08 13MAR08 13MAR08 01MAY08 03JUN08 22DEC08	24JAN08 04FE908 12FE908 12FE908 12FE908 12MAR08 20MAR08 08MAY08 15MAY08 30MAY08 15MAY08 16JUR08	Remove Platform Lev Re-Shoring Platform walls 5-11 Soto Upper Exterior Walls 9-12 Entrance Deck (1st Lift) Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Shoring GL 1-3 CMU & Siab GL 10-12 CMU GL 7-10 CMU GL 7-12 Acoustical Finish
A3SC SS090 Platform walls A3SC SS090 Soto Upper E2 A3SC SS095 Entrance Ded A3SC SS095 Platform walls A3SC SS095 Platform walls A3SC SS090 Entrance E4 A3SC SS097 Roof Shoring A3SC SS097 Roof Shoring A3ARCSS120 GL 10-12 CMI A3ARCSS120 GL 7-10 CMU A3ARCSS140 GL 7-12 Furnis A3ARCSS140 GL 7-12 Furnis A3ARCSS080 GL 5-6 CMU (Mochanical/Plumbing/Equip/M A3MECSS140 TC & C RM Fit A3MECSS140 TC & C RM Fit A3MECSS140 GL 7-10 Fite P A3MECSS100 GL 7-10 Fite P A3MECSS100 GL 7-10 Fite P	s 5-11 Exterior Walls 9-12 ck (1st Lift) s 2-5 Wall (2nd Lift) 8 stab tU J ustical Finish hishings tg/Emergency Exit) @ TC & C RM Metals	10 15 16 10 15 20 35 35 15 10 10 10 10 5	17 JAN08 17 JAN08 17 JAN08 17 JAN08 17 JAN08 14 FE 808 14 FE 808 14 FE 808 13 MAR08 16 APR08 01 MAY08 16 MAY08 03 JUN08 22 DE C06	04FE908 12FE908 12FE908 12FE908 12MAR08 20MAR08 06MAY08 15MAY08 30MAY08 15MAY08 16JUR08	Platform walls 5-11 Soto Upper Exterior Walls 9-12 Entrance Deck (1st Lift) Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Shoring Roof Slab GL 1-3 CMU & Slab GL 10-12 CMU GL 7-10 CMU GL 7-12 Acoustical Finish
A3SC SS060 Soto Upper E2 A3SC SS075 Entrance Ded A3SC SS075 Entrance Ded A3SC SS095 Platform walls A3SC SS080 Entrance E41 A3SC SS0807 Roof Shoring A3SC SS077 Roof Shoring A3SC SS077 Roof Slab Archt/Finishes (Mezzanino Le A3ARCSS045 GL 1-3 CMU 8 A3ARCSS110 GL 7-10 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS140 GL 7-12 Furnis Archt/Finishes (Plaza/Landing A3ARCSS080 GL 5-6 CMU 0 Mochanical/Plumbing/Equip/M A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P	Exterior Walls 9-12 ck (1st Lift) s 2-5 Wall (2nd Lift) evel) & Stab tU J ustical Finish hishings tg/Emargency Exit) @ TC & C RM Metals Fin Protection	15 16 10 15 20 35 35 10 10 10 10 10 5	17.JAN08 17.JAN08 05FE08 14FE08 14FE08 13MAR08 16APR08 01MAY08 15MAY08 03JUN08 22DEC06	12FE808 12FE808 21FE808 12MAR08 20MAR08 08MAY08 15MAY08 30MAY08 16JUR08	Soto Upper Exterior Walls 9-12 Entrance Deck (1st Lift) Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Shoring GL 1-3 CMU & Slab GL 10-12 CMU GL 7-10 CMU GL 7-10 CMU
A3SC S5075 Entrance Ded A3SC S5095 Platform walls A3SC S5080 Entrance Ext 1 A3SC S5080 Entrance Ext 1 A3SC S5087 Roof Shoring A3SC S5077 Roof Shoring A3SC S5077 Roof Shoring A3SC S5077 Roof Shoring A3ARCS5110 GL 10-12 CMU A3ARCS5120 GL 7-10 CMU A3ARCS5120 GL 7-10 CMU A3ARCS5140 GL 7-12 Furnis Archt /Finishes (Plaza/Landing A3ARCS5080 GL 5-6 CMU (Mochanical/Plumbing/Equip/M A3MECS5140 TC & C RM Fit A3MECS5140 TC & C RM Fit A3MECS5140 GL 7-10 Fite P A3MECS5100 GL 7-10 Fite P A3MECS5100 GL 7-10 Fite P A3MECS5100 GL 7-10 Fite P	ck (1st Lift) s 2-5 Wall (2nd Lift) evel) & Stab tU J ustical Finish hishings tg/Emargency Exit) @ TC & C RM Metals Fin Protection	15 10 15 20 35 35 10 10 10 10 5	17,JAN08 05FE808 14FE808 14FE808 14FE808 13MAR08 01MAY08 01MAY08 03JUN08 22DEC08	12FEB08 21FEB08 12MAR08 20MAR08 08MAY08 08MAY08 15MAY08 30MAY08 16JUR08	Entrance Deck (1st Lift) Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Shoring GL 1-3 CMU & Slab GL 10-12 CMU GL 7-10 CMU GL 7-12 Acoustical Finish
A3SC SS095 Platform walls A3SC SS080 Entrance Ext 1 A3SC SS080 Entrance Ext 1 A3SC SS087 Roof Shoring A3SC SS077 Roof Shoring A3SC SS077 Roof Shoring A3SC SS077 Roof Shoring A3SC SS077 Roof Shoring A3ARCSS100 GL 1-3 CMU 8 A3ARCSS110 GL 10-12 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS050 GL 7-12 Furnis Archt /Finishes (Plaza/Landing A3ARCSS080 GL 5-6 CMU 6 Mochanicat/Plumbing/Equip/M A3MECSS130 TC & C RM Fit A3MECSS140 TC & C RM Fit A3MECSS100 GL 7-10 Fite P A3MECSS100 GL 7-10 Fite P A3MECSS100 GL 7-10 Fite P A3MECSS100 GL 7-10 Fite P	s 2-5 Wall (2nd Lift) evel) & Stab tU J ustical Finish hishings sg/Emergency Exit) @ TC & C RM Metals Fin Protection	10 15 20 35 15 10 10 10 5	05FE808 14FE808 14FE808 13MAR08 16APR08 01MAY08 16MAY08 03JUN08 22DEC08	21FEB08 12MAR08 20MAR08 08MAY08 15MAY08 15MAY08 30MAY08 16JUN08	Platform walls 2-5 Entrance Ext Wall (2nd Lift) Roof Sharing GL 1-3 CMU & Slab GL 10-12 CMU GL 7-10 CMU GL 7-10 CMU
A3SC SS080 A3SC SS080 A3SC SS087 Roof Shoring A3SC SS077 Roof Shoring A3SC SS077 Roof Shoring A3C SS077 Roof Shoring A3ARCSS10 GL 1-3 CMU 8 A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS140 GL 7-12 Furnis A3ARCSS080 GL 5-6 CMU 6 Mochanical/Plumbing/Equip/M A3MECSS130 TC & C RM Fit A3MECSS140 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 A3MECSS10 A3MECSS100 A3MECSS100 A3MECSS100 A3MECSS100 A3MECSS	Wall (2nd Lift) evel s Stab tU J ustical Finish nishings rg/Emergency Exit) @ TC & C RM Metals Fin Protection	15 20 35 15 10 10 10 5	14FE808 14FE808 13MAR08 16APR08 01MAY08 16MAY08 03JUN08 22DEC08	12MAR08 20MAR08 06MAY08 08MAY08 15MAY08 30MAY08 16JUN08	Entrance Ext Wall (2nd Lift) Roof Shoring GL 1-3 CMU & Slab GL 10-12 CMU GL 7-10 CMU GL 7-12 Acoustical Finish
A3SC SS067 Roof Shoring A3SC SS077 Roof Shoring A3SC SS077 Roof Slab Archt/Finishes (Mezzanine Le A3ARCSS045 GL 1-3 CMU 8 A3ARCSS110 GL 1-3 CMU 8 A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-12 CMU A3ARCSS060 GL 7-12 Furnis A3ARCSS140 GL 7-12 Furnis A3ARCSS080 GL 5-6 CMU 6 Mochanicat/Plumbing/Equip/M A3MECSS130 TC & C RM Fin A3MECSS140 A3MECSS100 GL 7-10 Fire P	evel) & Stab tU J ustical Finish nishings rg/Emergency Exit) @ TC & C RM Metals Fina Protection	20 35 15 10 10 10 5	14FEB08 13MAR08 16APR08 01MAY08 16MAY08 03JUN08 22DEC08	20MAR08 08MAY08 08MAY08 15MAY08 30MAY08 16JUN08	Roof Sharing Roof Slab GL 1-3 CMU & Slab GL 10-12 CMU GL 7-10 CMU IGL 7-12 Acoustical Finish
ASSC SS077 Roof Stab Archt/Finishes (Mezzanine Le A3ARCSS045 GL 1-3 CMU 8 A3ARCSS110 GL 10-12 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-12 CMU A3ARCSS140 GL 7-12 Furnis A3ARCSS140 GL 7-12 Furnis A3ARCSS140 GL 7-6 CMU 6 Mochanicat/Plumbing/Equip/M A3MECSS130 TC & C RM Fin A3MECSS140 A3MECSS140 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P	evel) & Stab tU J ustical Finish tishings tg/Emergency Exit) @ TC & C RM Metals Fina Protection	35 15 10 10 10 5	13MAR08 16APR08 01MAY08 16MAY08 03JUN08 22DEC08	08MAY08 08MAY08 15MAY08 30MAY08 16JUN08	GL 1-3 CMU & Slab GL 10-12 CMU GL 2-10 CMU GL 7-10 CMU GL 7-12 Acoustical Finish
Archt/Finishes Mezzanino Le A3ARCSS045 GL 1-3 CMU 8 A3ARCSS110 GL 10-12 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-12 CMU A3ARCSS140 GL 7-12 Fumis A3ARCSS140 GL 7-12 Fumis A3ARCSS140 GL 5-6 CMU 6 Mochanicat/Plumbing/Equip/M A3MECSS130 TC & C RM Fit A3MECSS140 A3MECSS140 TC & C RM Fit A3MECSS100 GL 7-10 Fire P	& Stab tU J ustical Finish nishings ng/Emergency Exit) @ TC & C RM Metals Fine Protection	15 10 10 10 5	16APR08 01MAY08 16MAY08 03JUN08 22DEC08	08MAY08 15MAY08 30MAY08 16JUN08	GL 1-3 CMU & Siab GL 10-12 CMU GL 7-10 CMU CL 7-12 Acoustical Finish
A3ARCSS045 GL 1-3 CMU 8 A3ARCSS110 GL 10-12 CMU A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-12 CMU A3ARCSS120 GL 7-12 CMU A3ARCSS140 GL 7-12 Furnis A3ARCSS140 GL 7-12 Furnis A3ARCSS080 GL 5-6 CMU @ Mochanicat/Plumbing/Equip/M A3MECSS130 TC & C RM Fit A3MECSS140 A3MECSS100 GL 10-12 Fire A3MECSS100 GL 7-10 Fire P	& Stab tU J ustical Finish nishings ng/Emergency Exit) @ TC & C RM Metals Fine Protection	10 10 10 5	01MAY08 16MAY08 03JUN08 22DEC08	15MAY08 30MAY08 16JUN08	GL 10-12 CMU GL 7-10 CMU IGL 7-12 Acoustical Finish
A3ARCSS110 GL 10-12 CMI A3ARCSS120 GL 7-10 CMU A3ARCSS120 GL 7-12 CMU A3ARCSS140 GL 7-12 Furnis Archt/Finishes (Plaza/Landing A3ARCSS140 GL 5-6 CMU (Mochanical/Plumbing/Equip/M A3MECSS130 TC & C RM Fini A3MECSS140 GL 10-12 Fire A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 HVAC Electrical/Lighting A3EL SS180 TC & C RM Pc	tU J ustical Finish nishings ng/Emergency Exit) @ TC & C RM Metals Fire Protection	10 10 10 5	01MAY08 16MAY08 03JUN08 22DEC08	15MAY08 30MAY08 16JUN08	GL 10-12 CMU GL 7-10 CMU IGL 7-12 Acoustical Finish
A3ARCSS120 GL 7-10 CMU A3ARCSS060 GL 7-12 Acous A3ARCSS140 GL 7-12 Furnis A3ARCSS140 GL 7-12 Furnis Archt/Finishes (Plaza/Landing A3ARCSS130 GL 5-6 CMU (Mochanical/Plumbing/Equip/M A3MECSS130 TC & C RM Fini A3MECSS140 TC & C RM Fini A3MECSS140 GL 10-12 Fire A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 HVAC Eloctrical/Lighting A3EL SS180 TC & C RM Pc	J ustical Finish ishings ig/Emergency Exit) @ TC & C RM Metals Fina Protection	10 10 5	15MAY08 03JUN08 22DEC08	30MAY08 16JUN08	GL 7-10 CMU IGL 7-12 Acoustical Finish
A3ARCSS060 GL 7-12 Acous A3ARCSS140 GL 7-12 Furnis Archt /Finishes (Plaza/Landing A3ARCSS080 GL 5-6 CMU (Mochanica/Plumbing/Equip/M A3MECSS130 TC & C RM Fin A3MECSS140 TC & C RM Fin A3MECSS140 TC & C RM HV A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P	ustical Finish hishings Ig/Emergency Exit) @ TC & C RM Metals Fini Protection	10 5	03JUN08 22DEC08	16JUN08	GL 7-12 Acoustical Finish
A3ARCSS140 GL 7-12 Furnis Archt /Finishes (Plaza/Landing A3ARCSS080 GL 5-6 CMU (Mochanica/Plumbing/Equip/M A3MECSS130 TC & C RM Fin A3MECSS140 TC & C RM Fin A3MECSS140 TC & C RM HV A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 HVAC Eloctrical/Lighting A3EL SS180 TC & C RM Pc	nishings ng/Emergency Exit) @ TC & C RM Metals Tim Protection	5	22DEC08		
Archt /Finishes (Plaza/Landing A3ARCSS080 GL 5-6 CMU (Mochanical/Plumbing/Equip/M A3MECSS130 TC & C RM Fin A3MECSS140 TC & C RM Fin A3MECSS070 GL 10-12 Fire A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P	Ig/Emergency Exit) @ TC & C RM Metals Tra Protection			2004-000	C1 7 42 Equal phin as
A3ARCSS080 GL 5-6 CMU (Mochanical/Plumbing/Equip/M A3MECSS130 TC & C RM Fit A3MECSS140 TC & C RM Fit A3MECSS070 GL 10-12 Fire A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P	@ TC & C RM Metals Tra Protection	10	-	1	GL 7-12 Furnishings
Mechanica/Plumbing/EquipM A3MECSS130 TC & C RM Fit A3MECSS140 TC & C RM HV A3MECSS070 GL 10-12 Fire A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 HVAC Electrical/Lighting A3EL SS180	Metals Tim Protection		13MAR08	28MAR08	IGL 54 CMU @ TC & C RM
A3MECSS130 TC & C RM Fit A3MECSS140 TC & C RM HV A3MECSS070 GL 10-12 Fire A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 HVAC Electrical/Lighting A3EL SS180	Fire Protection			2010/11/00	
A3MECSS140 TC & C RM HV A3MECSS070 GL 10-12 Fire A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS100 GL 7-10 Fire P A3MECSS180 TC & C RM Po	the second se	5	02APR08	08APR08	TC & C RM Fire Protection
A3MECSS090 GL 7-10 Fire P A3MECSS100 GL 7-10 HVAC Electrical/Lighting A3EL SS180 TC & C RM Po		15	09APR08	29APR08	TC & C RM HVAC
A3MECSS100 GL 7-10 HVAC Electrical/Lighting A3EL SS180 TC & C RM Po	Protection - Mezz Lav	10	17.JUN08	30JUN08	GL 10-12 Fire Protection - Mezz Lev
A3MECSS100 GL 7-10 HVAC Electrical/Lighting A3EL SS180 TC & C RM Po	the second se	10	02,8.8.08	16JUL08	GL 7-10 Fire Protection - Mezz Lov
Electrical/Lighting A3EL SS180 TC & C RM Po		45	17.JUL08	22SEP08	GL 7-10 HVAC - Mezz Lev
A3EL SS180 TC & C RM PO				BLOLI OU	
ABEL SS190 TC & C RM Lig	ower	10.	01MAY08	15MAY08	TC & C RM Power
	iahting		1641AY08	30MAY08	TC & C RM Lighting
A3EL SS140 GL 7-10 Power	·		22AUG08	04NOV08	GL 7-10 Power - Mezz Lov
A3EL SS150 GL 7-10 Lightin	ting - Mezz Lev		05NOV08	19DEC08	GL 7-10 Lighting - Mozz Lev
Installation / Field Tests					
and the second s		10	22DEC08	12JAN09	Elec Test
Punch List Solo Station Area	for MS1				
A3PC1 SS05 Preparation Pu	Punch List Solo Sta Area for MS#1	20	13JAN09	17FEB09	Preparation Punch List Solo Sta Area for MS#1
A3TS SS041 Elec Test Punch List Soto Station Area	runch Liel Solo Sta Area for MS#1 ork	20			

PROJECT MASTER SCHEDULE

Activity ID	Activity Description	Rem Dur	Early Start	Earty Finish	2009 2009 2009
Frack Work				_	
A3TR S3011	SG3 Soto - EB	5	22FEB08	29FEB08	G3 Soto · EB
3TR 53007	SG3 Soto to Mariachi - WB	10	04MAR08	20MAR08	SG3 Soto to Mariachi - WB
3TR 53008	SG3 Mariachi - WB	5	21MAR08	28MAR08	SG3 Mariachi - WB
3TR 53013	SG3 Mariachi - EB	5	02APR08	06APR08	LSG3 Mariachi - EB
3TR \$3009	SG3 Mariachi to WP - WB	10	07APR08	18APR08	SG3 Mariachi to WP - WB
egment 48					
the state of the s	SS Raceways, MHs & Pullboxes)			_	
3UT S4110	INSTL Duct Bank (Indiana b/w 1st & 3rd)	5	27MAR08	04APR08	EINSTL Duct Bank (Indiana b/w 1st & 3rd)
treet Improve					
3ST \$4098	Str Improment - 3rd & Indiana		080CT07A		Str Imprvment - 3rd & Indiana
3ST \$4048	Constr Median (3rd - Indiana)	4 1	290CT07A		Constr Median (3rd - Indiana)
3ST \$4078	Str Widening - 1st/Indiana Int (North)		14NOV07A		Str Widening - 1st/Indiana Int (North)
3ST \$4080	Str Widening - 1st/Indiana Int (South)	20		12MAR08	Str Widening - 1st/Indiana Int (South)
3ST \$4088	Str Imprvment - Indiana	20	13MAR08	15APR08	Str Imprvment - Indiana
overhead Con					V
territory and the second second	INSTL OCS FND (Indiana b/w 1st & 3rd)	3	12NOV07A	26MAR08	INSTL OCS FND (Indiana b/w 1st & 3rd)
rack Work		T _T			
3TR 54007	Ist/Indiana Inters Track	15	08JAN08	04F5808	Istilindiana Inters Track
3TR 54008	Indiana b/w 1st and 3rd Track Work	15	16APR08	06MAY08	Indiana biw 1st and 3rd Track Work
	tact System (OCS)	_	_	_	
insion Section	0.3				
BOCTL3010	Sta 170+90-219+55 WB Install OCS Poles	3	21APR08	23APR08	Sta 170+90-219+55 WB Install OCS Poles
BOCTL3020	Sta 170+90-219+55 WB Del to Site/Install C Arms	4	24APR08	29APR08	Ista 170+90-219+55 WB Del to Sita/Install C Arms
BOCTL3030	Sta 170+90-219+55 WBDei to Site/Insta CAMS	19	01%IAY08	29MAY08	Sta 170-90-219-55 WBDel to Site/Instil CAms
	Sta 170+90-219+55 W8 String Wire		30MAY08	04JUN08	Ista 170+90-219+55 WB String Wire
insion Section		3	JUNNING	GOLITOD	NOW O'N' OUT 137 33 THE OUTIN TIME
instruction			and the second se		
BOCTL4010	Sta 217+32-277+84 WB nstall OCS Poles	1	23APR08	23APR08	Sta 217+32-277+84 WB nstall OCS Poles
80CTL4020	Sta 217+32-277+84 WB Del to Site/instl C Arms	3	DIMAY08	06MAY08	Sta 217+32-277+84 WB Del to Site/Insti C Arms
BOCTL4030	Sta 217+32-277+84 W8Del to Site/Instl SCFT Assy	20	07MAY08	05JUN08	Sta 217+32-277+84 WBDel to Site/Insti SCFT Assy
BOCTL4040		3	06JUN08	10JUN08	Sta 217+32-277+84 WB String Wire
BOCTL4050	Sta 217-32-277-84 WB Insti Sec Insulators/Comp	5	11JUN08	17JUN08	Sta 217+32-277+84 WE Insti Sec Insulators/Comp
BOCTL4085	Sta 217+32-277+84 EB Install OCS Poles	1	26JUL08	28JUL08	Sta 217+32-277+84 EB Install OC\$ Poles
BOCTL4067	Sta 217+32-277+84 EB Del to Site/insti C Arms	3	29JUL08	31JUL08	Sta 217+32-277+84 EB Del to Site/Insti C Arms
BOCTL4070	Sta 217+32-277+84 EBDel to Site/Inst SCFT Assy		04AUG08	29AUG08	Sta 217+32-277+84 E8Del to Site/InstI SCFT Ass
ale Dato are de	01JUN02 15JUL03 01DEC07 21DEC07 09 00 Critical Acto		Metro L1	Gold Line f -26 Critical ent Forecas	Preet 3 of 5 Date Ritrision Caeched Approved 36NOV07 Nevember 2007 Schedule Update AA RW

Metro Gold Line Eastside Extension Monthly Project Status Report

November 2007

	Activity Description	Rem Dur	Earty Start	Early Finish	2007 2008 2009
Construction	Description	Dur	SUIT	Finish J	FMANJJJASONDJEMANJJJASONDJEMANJJASOND
BBOCTL4080	Sta 217+32-277+84 EB String Wire	3	02SEP08	04SEP08	Sta 217+32-277+84 EB String Wire
BBOCTL4090	Sta 217+32-277+84 EB Insti Sec Insulators/Comp	5		12SEP08	Sta 217+32-277+84 EP Inst! Sec Insulators/Complete
BBOCTL4095	CN66.02 Sta 217+32-277+84 EB Insti Sec Insul	13		0200708	
		-			CN66.02 Sta 217+32-277+84 EB Insti Sec Insu
BBOCTL4100	Sta 217+32-277+84 EB Tension Wire	2	0300708	BEOCT08	Sta 217+32-277+84 EB Tension Wire
Tension Sectio	n 5	_			
Construction BBOCTL5010	Sta 274+02-312+41 Install OCS Poles	4	004531/00	4414100	
BBOCTL5010				14MAY08	Sta 274+02-312+41 Install OCS Poles
	Sta 274+02-312+41 Dei to Site/Insti C Arms	20		13JUN08	Sta 274+02-312+41 Del lo Site/Insti C Arms
BBOCTL5030	Sta 274+02-312+41 String Wire	4	16JUN08	19JUN08	Sta 274+02-312+41 String Wire
BBOCTL5040	Sta 274+02-312+41 Insti Sec Insulators/Comp	20	20JUN08	21JUL08	Sta 274+02-312+41 Insti Sec Insulators/Comp
BBOCTL5060	Sta 274+02-312+41 Tension Wire	4	22JUL08	25JUL08	ISta,274+02-312+41 Tension Wire
ommunicatio	n Sudems	_			
Segment 3					
Construction		1			
BBC\$3405	Soto Stn. Activity Install Comms System	130		120EC08	Soto Sin Activity Install Comms System
BBCS3115	Mariachi Plaza Sin Install Comms System	130	09JUN08	18DEC08	Mariachi Plaza Stn Install Comms System
esting					
Submittal				-	
Overhead Con		l ant			Devidement OCT Textiles Cost 4 Textiles Devider
	Rev/Approval OCS Tension Sect 4 Testing Reports	15	05NOV08	25NOV08	Rev/Approval OOS Tension Sect 4 Testing Reportsion
Communicatio	We want to be a set of the set of	arl			Subal Of Column Taxing Day 1
	Submit CS System Testing Reports	25	12JAN09	13FEB09	Submit CS System Testing Reports
Communication		-			
Field Acceptar BBST522	Test Soto Station 221+50	15	15DEC08	12JAN09	
					Test Soto Station 221+50,
BBST518	Test Manache Plaza Station 189+00	15	19DEC08	19JAN09	Test Mariachi Plaza Station 189+00
Integration / Fi		I enl	10111100	1000000	Test Comm. System Inteface Testing - System Wide
DEDETEAA	Test Comm. System Inteface Testing - System Wide	20	12JAN09	16FEB09	rest comm. System interace rosting - System wide
BEST541					
Werbead Cont					
Verbead Cont Functional / In	agration Tests	-	0100700	4100000	
Overbead Cont Functional / In BB\$1780	agration Tests OCS Tension Sec 4 - Functional Test	16	2100708	11NOV08	CCS Tension Sec 4 - Functional Test
Verbead Cont Functional / In BBST780 Acceptance Me	OCS Tension Sec 4 - Functional Test essurement / Visual Inspection				
Verbead Cont Functional / In BBST780 Acceptance Me BBST870	OCS Tension Sec 4 - Functional Test OCS Tension Sec 4 - Functional Test essurement / Visual Inspection OCS TS 4 - Acceptance Measurement/Visual		21OCT08 07OCT08	11NOV08 200CT08	CCS Tension Sec 4 - Functional Test
Overbead Cont Functional / Im BBST780 Acceptance Me BBST870 OCS Electrical	OCS Tension Sec 4 - Functional Test OCS Tension Sec 4 - Functional Test esurement / Visual Inspection OCS TS 4 - Acceptance Measurement/Visual Tests	10	070CT08	2000708	CCS TS 4 - Acceptance Measurement/Visual
Verbead Cont Functional / In BBST780 Acceptance Me BBST870	OCS Tension Sec 4 - Functional Test OCS Tension Sec 4 - Functional Test essurement / Visual Inspection OCS TS 4 - Acceptance Measurement/Visual				

November 2007

10

BBSTP1076 PH II - Gas Detection 2 29JAN09 30JAN09	lon
BBST942 OCS Clearance Test Low and high Speed 10 28NOV/08 12DEC08 Integration Test Integration Test 2 15DEC08 16DEC08 Train Control Cab Signal Reception Test 2 15DEC08 19DEC08 BBSTP1000 Emergency Ventilation Test/EMP Mariachi 5 15DEC08 19DEC08 Emergency Ventilation Tost/EMP Mariachi 5 15DEC08 19DEC08 BBSTP1002 Grade Crossing Activation 5 17DEC08 23DEC08 20DEC08 20DEC08 Emergency Ventilation Tost/EMP Mariachi 5 17DEC08 23DEC08 Emergency Ventilation Tost/EMP Soto 5 24DEC08 06JAN09 Emergency Ventilation Tost/EMP Soto 5 24DEC08 06JAN09 Emergency Ventilation Tost/EMP Mariachi Boster Fans/EMP Integration Test Boster Fans/EMP Integratin test <t< td=""><td></td></t<>	
Integration Tost Integration Tost Integration Tost Integration Tost BBSTP1091 Train Control Cab Signal Reception Test 2 15DEC08 16DEC08 BBSTP1092 Grade Crossing Activation 5 15DEC08 19DEC08 BBSTP1092 Grade Crossing Activation 5 15DEC08 23DEC03 BBSTP1092 Grade Crossing Activation 5 22DEC08 30DEC08 BBSTP1093 TWC Operation Test/EMP Soto 5 24DEC08 06JAN09 BBSTP1094 Boster Fans/EMP Integration Test/EMP Soto 5 05JAN09 12JAN09 BBSTP1094 Safe Braking test 10 07JAN09 23JAN09 Emerg Vent Oper Procedures(EVOPYEMP Mariachi Safe Braking test BBSTP1011 Emerg Vent Oper Procedures(EVOPYEMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOPYEMP Mariachi Safe Braking test BBSTP1012 Emerg Vent Oper Procedures(EVOPYEMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOPYEMP Mariachi Safe Braking test Safe Braking te	
BBSTP1091 Train Control Cab Signal Reception Test 2 15DEC08 16DEC08 BBSTP1000 Emergency Ventilation Test/EMP Mariachi 5 15DEC08 19DEC08 BBSTP1092 Grade Crossing Activation 5 17DEC08 23DEC08 BBSTP1092 Grade Crossing Activation 5 17DEC08 23DEC08 BBSTP1092 Grade Crossing Activation 5 22DEC08 30DEC08 BBSTP1093 TWC Operation Test/EMP Soto 5 24DEC08 06JAN09 BBSTP1093 TWC Operation test 5 04JAN09 12JAN09 13JAN09 BBSTP1011 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 15JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP/EMP Mariachi BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Soto 2 15JAN09 19JAN09 Emerg Vent Oper Procedures(EVOP/EMP EP BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP EP 2 2JAN09 2JAN09 Emerg Vent Oper Procedures(EVOP/EMP EP BBSTP1013 Emerg Vent Oper Procedures(EVOP/EMP EP 2	
BBSTP1000 Emergency Ventilation Test/EMP Mariachi 5 15DEC08 19DEC08 BBSTP1092 Grade Crossing Activation 5 15DEC08 23DEC08 BBSTP1092 Grade Crossing Activation 5 17DEC08 23DEC08 BBSTP1092 Grade Crossing Activation 5 17DEC08 23DEC08 BBSTP1091 Emergency Ventilation Test/EMP Soto 5 22DEC08 30DEC08 BBSTP1093 TWC Operation test 5 24DEC08 06JAN09 BBSTP1092 Booster Fans/EMP Integration Test/EMP Soto 5 04JAN09 12JAN09 BBSTP1092 Safe Braking test 10 07JAN09 23JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Mariachi Baster Inst/EMP Integration Test/EMP Soto Safe Braking test BBSTP1011 Emerg Vent Oper Procedures(EVOP)/EMP Soto 2 15JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP)/EMP EP Safe Braking test BBSTP1012 Emerg Vent Oper Procedures(EVOP)/EMP Soto 2 15JAN09 22JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Soto Safe Braking test BBSTP1013 Emerg Vent Oper Procedures(EVOP)/EMP EP 2 21JAN09 23JAN09 Emer	
BBSTP1092 Grade Crossing Activation 5 17DEC08 23DEC08 BBSTP1092 Emergency Ventilation Test/EMP Soto 5 22DEC08 30DEC08 BBSTP1093 TWC Operation test 5 24DEC08 06JAN09 BBSTP1092 Booster Fans/EMP Integration Test/EMP Soto 5 24DEC08 06JAN09 BBSTP1092 Booster Fans/EMP Integration Test 5 05JAN09 12JAN09 12JAN09 BBSTP1011 Emerg Vent Oper Procedures(EVOP)/EMP Mariachn 2 13JAN09 15JAN09 15JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP)/EMP Mariachn 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Boto 2 15JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Soto 86STP1012 Emerg Vent Oper Procedures(EVOP)/EMP Soto 2 15JAN09 22JAN09 Emerg Vent Oper Procedures(EVOP)/EMP EP 86STP1013 Emerg Vent Oper Procedures(EVOP)/EMP EP Gas Detection Incl EGO Gas Detection Incl EGO Train Control Test Gas Detection Incl EGO Train Control Test Train Control Test Train Control Test PH II - Gas Detection PH II - Gas Detection PH II - Gas Detection	
BBSTP1001 Emergency Ventilation Test/EMP Solo 5 22DEC08 30DEC08 BBSTP1003 TWC Operation test 5 24DEC08 30DEC08 BBSTP1004 Booster Fans/EMP Integration Test/EMP Solo 5 24DEC08 06JAN09 BBSTP1002 Booster Fans/EMP Integration Test 5 05JAN09 12JAN09 BBSTP1004 Safe Braking test 10 07JAN09 23JAN09 BBSTP1011 Emerg Vent Oper Procedures(EVOP/EMP Manachn 2 13JAN09 15JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Manachn 2 15JAN09 15JAN09 BBSTP1013 Emerg Vent Oper Procedures(EVOP/EMP Manachn 2 15JAN09 15JAN09 BBSTP1013 Emerg Vent Oper Procedures(EVOP/EMP Solo 2 15JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Solo BBSTP1013 Emerg Vent Oper Procedures(EVOP)/EMP EP 2 21JAN09 23JAN09 Emerg Vent Oper Procedures(EVOP)/EMP EP 6as Detection Incl EGO BBSTP1075 Gas Detection Incl EGOP 5 21JAN09 26JAN09 Gas Detection Incl EGO BBSTP1076 PH II - Gas Detection 2 20JAN09 30JAN09	
BBSTP1093 TWC Operation test 5 24DEC08 06JAN09 BBSTP1093 TWC Operation test 5 24DEC08 06JAN09 BBSTP1094 Booster Fans/Ell/P Integration Test 5 05JAN09 12JAN09 BBSTP1094 Safe Braking test 10 07JAN09 23JAN09 BBSTP1011 Emerg Vent Oper Procedures(EVOP/EMP Mariaching test 2 13JAN09 15JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariaching test 2 13JAN09 19JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariaching test 2 13JAN09 19JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariaching test 2 13JAN09 19JAN09 BBSTP1013 Emerg Vent Oper Procedures(EVOP/EMP Sotol 2 13JAN09 22JAN09 BBSTP1075 Gas Detection Incl EGOP 5 21JAN09 28JAN09 BBSTP1095 Train Control Test 15 27JAN09 20FEB09 BBSTP1076 PH II - Gas Detection 2 20JAN09 30JAN09	ogration Test
BBSTP1002 Booster Fans/EMP Integration Test 5 05JAN09 12JAN09 BBSTP1003 Safe Braking test 10 07JAN09 23JAN09 Booster Fans/EMP Integration Test Booster Fans/EMP Integration Test BBSTP1011 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP/EMP Mariachi Booster Fans/EMP Integration Test BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP/EMP Mariachi BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Soto 2 15JAN09 19JAN09 Emerg Vent Oper Procedures(EVOP/EMP Soto BBSTP1013 Emerg Vent Oper Procedures(EVOP/EMP EP 2 21JAN09 22JAN09 Emerg Vent Oper Procedures(EVOP/EMP EP BBSTP1075 Gas Detection Incl EGOP \$ 21JAN09 28JAN09 Gas Detection Incl EGO BBSTP1075 Train Control Test 15 27JAN09 20FEB09 Gas Detection Incl EGO BBSTP1076 PH II - Gas Detection 2 20JAN09 30JAN09 JPH II - Gas Detection	ogration Test
BBSTP1094 Safe Braking test 10 07JAN09 23JAN09 23JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Mariachi Safe Braking test BBSTP1011 Emerg Vent Oper Procedures(EVOP)/EMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Mariachi Safe Braking test BBSTP1012 Emerg Vent Oper Procedures(EVOP)/EMP Soto 2 15JAN09 19JAN09 Emerg Vent Oper Procedures(EVOP)/EMP Soto BBSTP1013 BBSTP1013 Emerg Vent Oper Procedures(EVOP)/EMP EP 2 21JAN09 22JAN09 Emerg Vent Oper Procedures(EVOP)/EMP EP BBSTP1075 Gas Detection Incl EGOP \$ 21JAN09 28JAN09 Emerg Vent Oper Procedures(EVOP)/EMP EP BBSTP1095 Train Control Test 15 27JAN09 20FEB09 Gas Detection Incl EGO BBSTP1076 PH II - Gas Detection 2 20JAN09 30JAN09 JPH II - Gas Detection	ogration Test
BBSTP1011 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 15JAN09 19JAN09 BBSTP1013 Emerg Vent Oper Procedures(EVOP/EMP Solo 2 15JAN09 22JAN09 BBSTP1075 Gas Delection Incl EGOP \$ 21JAN09 28JAN09 BBSTP1075 Frain Control Test 15 27JAN09 20FEB09 BBSTP1076 PH II - Gas Delection 2 20JAN09 30JAN09	
BBSTP1011 Emerg Vent Oper Procedures(EVOP/EMP Mariachi 2 13JAN09 15JAN09 Emerg Vent Oper Procedures(EVOP/EMP Mariachi BBSTP1012 Emerg Vent Oper Procedures(EVOP/EMP Soto 2 15JAN09 19JAN09 Emerg Vent Oper Procedures(EVOP/EMP Soto 2 15JAN09 19JAN09 Emerg Vent Oper Procedures(EVOP/EMP Soto 2 15JAN09 22JAN09 Emerg Vent Oper Procedures(EVOP/EMP EP) 2 21JAN09 22JAN09 22JAN09 Emerg Vent Oper Procedures(EVOP)/EMP EP) Gas Detection Incl EG BBSTP1075 Gas Detection Incl EGOP \$ 21JAN09 28JAN09 20FEB09 Gas Detection Incl EG BBSTP1076 PTHII - Gas Detection 2 29JAN09 30JAN09 30JAN09 JPHII - Gas Detection	
BBSTP1013 Emerg Vent Oper Procedures(EVOP)/EMP EP 2 21JAN09 22JAN09 BBSTP1075 Gas Detection Incl EGOP \$ 21JAN09 28JAN09 BBSTP1095 Train Control Test 15 27JAN09 20FEB09 BBSTP1076 PH II - Gas Detection 2 29JAN09 30JAN09	
3BSTP1075 Gas Detection Incl EGOP \$ 21JAN09 28JAN09 3BSTP1095 Train Control Test 15 27JAN09 20FEB09 3BSTP1076 PH II - Gas Detection 2 29JAN09 30JAN09	
BBSTP1095 Train Control Test 15 27JAN09 20FEB09 BBSTP1076 PH II - Gas Detection 2 29JAN09 30JAN09	
BSTP1076 PH II - Gas Detection 2 29JAN09 30JAN09	GOP
IBSTP1081 Train Arrival PA Test 5 29JAN09 06FEB09	,t
BSTP1082 PH II - Train Arrival PA Test 1 09FEB09 09FEB09	PATest
BSTP1085 Remote Valve Positioning Test 1 09FEB09 09FEB09	
BSTP1086 Remote Sprinkler Flow Test 1 10FEB09 10FEB09	
BESTP1087 Remote Smoke Detector Test 5 11FEB09 19FE809	
BSTP1068 Fire Alarm Control Panel (FACP) Test 2 20FEB09 23FEB09 Fire Alarm Control Panel (FACP) Test	
BSTP1149 Train Detailment with Injuries in Tunnel 1 23FEB09 23FEB09 Train Detailment with Injuries in Tunnel	
BSTP1150 Train Collision with Automobile 1 23FEB09 23FEB09	h Automobile
INSTP1145 Train Fire In Tunnel 1 25FEB09 25FEB09	
enéral	
eneral sector and the	
Mostone V	
1MS 0001 Mile Stone #1 Contract Completion (1654 CD) 0 25FEB09 Nile Stone #1 Contract Completion (1654 CD)	

November 2007

1

CRITICAL PATH NARRATIVE

Current Critical Path Analysis

The critical construction of Boyle Heights/Mariachi Plaza Station roof slab and the Soto Station mezzanine level exterior walls is proceeding per plan. Street widening and guideway construction along Segment 4B of the alignment is also on the project critical path. The C0803 contractor continues reporting their overall progress to have been impacted by Segment 4B design and construction changes. The design issues are currently being addressed and Metro feels that opportunities will be available in follow-on activities to make up for impacts to the construction and testing schedule. Once the C0803 contractor presents a mitigation plan that addresses these delays, any remaining schedule impact will be assessed and reported.

The C0803 contractor has expressed concerns that without the completion of Phase III of the 1st Street Bridge Widening Project, construction delays are expected with trackwork and systems installations on the bridge, which may impact the substantial completion of their contract. Metro is addressing these concerns with the City of Los Angeles Staff and several mitigating alternatives were considered this period to minimize the impact. It appears that the temporary full closure of the bridge may be the best alternative.

After the completion of roof construction at Boyle Heights/Mariachi Plaza Station and the mezzanine level exterior walls at Soto Station, the project critical path becomes construction completion of the two underground stations and in a parallel path, construction of Segments 3 and 4B guideway and trackwork. Installation of OCS equipment and local facilities testing are the last stage of the critical path prior to entering the final test stage, where systems integration testing and pre-revenue operations are conducted.

Metro Gold Line Eastside Extension **Monthly Project Status Report**

PROJECT COST STATUS

ELE-	DESCRIPTION	ORIGINAL	CURRENT	BUDGET	COMMIT	MENTS	EXPEND	TURES	CURRENT	FORECAST	BUDGET /
MENT	DESCRIPTION	BUDGET	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TODATE	VARIANCE
С	CONSTRUCTION	633,221	144	651,961	1.6	651,157	10,203	448,591		651,961	÷
S	SPECIAL CONDITIONS	19,494	381	43,948	3,652	42,450	214	29,783	-	43,948	5
R	RIGHT-OF-WAY	40,358	(1	42,299	142	46,182	2	43,676	#8)	42,299	2
Ρ	PROFESSIONAL SERVICES	135,304	1.52	135 841	-1	125,764	1,017	113,381		135 841	5
PC	PROJECT CONTINGENCY	60,254	(e)	14 599	1		183	12		14,599	2
PR	PROJECT REVENUE	(4,617)	12:20	(4 633)	2.42	+	- E.	(44)	-	(4 633)	*
	SUBTOTAL	884,014	1000	884,014	3,653	865,553	11,434	635,386	()	884,014	4
PF	PROJECT F NANCE COST	14,800		14 800	(2.906)	(720)	(2,906)	(720)		14,800	
=8	TOTAL	898,814	242	898,814	747	864,832	8,528	634,665		898,814	201.

PROJECT COST ANALYSIS

Original Budget

The Full Funding Grant Agreement (FFGA) was adopted June 1, 2004 in the amount of \$898.8 million. The Original Budget reflects the adopted FFGA.

Current Budget and Current Forecast

The Current Budget and Forecast remains the same at \$898.8 million.

Commitments

The Commitments increased by a total of \$0.7 million this period. In the Special Conditions element there was an increase of \$3.7 million due to the 3rd Party Master Cooperative Agreements with the City of LA and the Dry Utilities Shared Incentive Program. And in the Project Finance Cost element there was a decrease of \$2.9 million due to the interest income received. The Project Finance Cost reflects a credit amount due to the timing difference on actual interest received and interest paid. Interest earned is received monthly and interest payments are made semi-annually. Interest earnings are not projected to be more than the interest costs. The \$864.8 million in Commitments to date represents 96.2% of the Original Budget.

Expenditures

Expenditures are cumulative through October 2007. The Expenditures increased by \$8.5 million this period primarily due to construction costs associated with Contract C0803 -Tunnel, Stations, Trackwork, and Systems, Metro's Administration, and 3rd Party Master Cooperative Agreements with the City of LA. The October 2007 invoice for Contract C0803 in the amount of \$13.1 million was posted in the Metro's Financial Information System (FIS) on November 12, 2007 and will be reflected in the next reporting period. The \$634.7 million in Expenditures to date represents 70.6% of the Original Budget.

PROJECT COST STATUS

COST REPORT BY ELEMENT CONCURRENT NON-FFGA PROJECT ACTIVITIES

DOLLARS IN THOUSANDS

ELE-	presentinu	ORIGINAL	CURREN	BUDGET	COMMIT	IENTS	EXPEND	TURES	CURRENT	FORECAST	BUDGET
MENT	DESCRIPTION	BUDGET	PERIOD	TODATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	VARIANCE
С	CONSTRUCTION	18,000	/ai.	41,174	407	34,925	57	8,067		41.174	3
s	SPECIAL CONDITIONS		1.00	2,719		1,850	- 1.45 1.45	1,108	=	2,719	8
R	RIGHT-OF-WAY	Ξ	14	(i)	÷2	÷	141	2	23	22	5
P	PROFESSIONAL SERVICES		582	2,280	525	1 333	3	122	5	2 280	
PC	PROJECT CONTINGENCY	÷		(a)	÷.	(2)	16	Q	8	3	1
PR	PROJECT REVENUE	ā	(2 2 3)	(4 087)	(59)	(4,595)		(279)	52 E	(4.087)	
	SUBTOTAL	18,000	743	42,086	873	33,513	61	9,018		42,086	10 × 1
PF	PROJECT FINANCE COST		3.52			=		3	10	17	5
-	TOTAL	18.000		42.086	873	33.513	61	9,018	1	42,086	

PROJECT COST ANALYSIS

Original Budget

The Metro Board adopted the Original Budget of \$18.0 million on March 24, 2005.

Current Budget and Current Forecast

The Current Budget and Forecast remain the same at \$42.1 million.

Commitments

The Commitments increased by a total of \$0.9 million this period. In the Construction element there was an increase of \$0.4 million for mitigation of City caused delays on the 1st Street Bridge. In the Professional Services element there was an increase of \$0.5 million for design services associated with the Pomona/Atlantic Parking Structure. The \$33.5 million in Commitments to date represents 79.6% of the Current Budget.

Expenditures

Expenditures are cumulative through October 2007. The Expenditures increased by \$0.1 million this period due to the traction power sectionalization and Metro's Project Administration costs. The October 2007 invoice for Contract C0803 in the amount of \$0.5 million was posted in the Metro's Financial Information System (FIS) on November 12, 2007 and will be reflected in the next reporting period. The \$9.0 million in Expenditures to date represents 21.4% of the Current Budget.

FINANCIAL/GRANT STATUS - ORIGINAL SCOPE ACTIVITIES

NOVEMBER 2007		STATU	IS OF FUNDS	BY SOURC	E					
SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) COMMIT	(D/B) MENTS	(E) EXPEN	(E/B) DITURE			(F/B) FUNDING E
		ANTICIPATED	AVAILABLE	\$	%	\$	%	\$		%
FEDERAL - SECTION 5309 NEW START	\$490.700	\$490 700	\$255.193	\$472 263	96%	\$307 372	63%	(1) \$307	372	63%
FED - SECTION 5309 FIXED GUIDEWAY	\$23.100	\$12 000	\$12 000	\$12 000	100%	\$12 000	100%	\$12	2 000	100%
FEDERAL - CMAQ	\$10.300	\$10 300	\$10 276	\$10 276	100%	\$10 276	100%	\$10	276	100%
REGIONAL IMPROVEMENT PROG - FED	\$179 600	\$4 600	\$4.600	\$ 4 600	100%	\$4.600	100%	\$4	600	100%
REGIONAL IMP PROG - STATE	\$0 600	\$175 600	\$131 796	\$175 600	100%	\$131 796	75%	\$131	796	75%
STATE TCRP	\$45 000	\$45 000	\$45.000	\$45 000	100%	\$45.000	100%	\$45	6.000	100%
PROP A 35% / PROP C 40%	\$124 614	\$135.714	\$135 714	\$135.714	100%	\$114.242	84%	\$98	8.257	72%
LEASE REVENUES	\$10 100	\$10.100	\$10 100	\$10.100	100%	\$10 100	100%	\$10	100	100%
ACCRUALS										
	\$884.014	\$884 014	\$604 679	\$865 553	98%	\$635 386	72%	\$619		70%
PROP A / PROP C (INTEREST COST)	\$14.800	\$14 800	\$1.980	(\$0 720)	-5%	(\$0 720)	-5%	(\$0	798)	-5%
TOTAL	\$898 814	\$898 814	\$606.659	\$864 833	96%	\$634 666	71%	\$618	603	69%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH OCTOBER 2007

(1) BILLED EXPENDITURES IN EXCESS OF FUNDS AVAILABILITY ARE TEMPORARILY FUNDED THROUGH BRIDGE FINANCING.

STATUS OF FUNDS ANTICIPATED

FEDERAL SECTION 5309 NEW STARTS: LACMTA has received an appropriation of \$100M through FY07.

RIP-STATE: LACMTA submitted an allocation request of \$43.8 to the CTC for consideration at their July 2007 meeting. The request was approved in October 2007 and funds are available for drawdown.

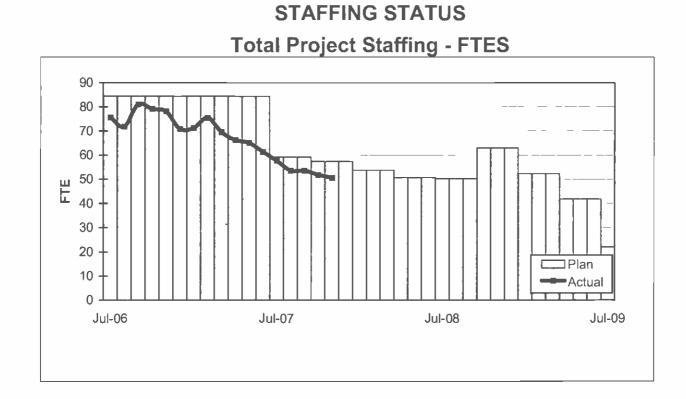
STATE TCRP: On March 2005, LACMTA resubmitted a request for approval of a LONP for \$189.2M for Phase 4 (Construction) to the CTC for consideration at the May 2005 CTC Meeting. The CTC approved the LONP for \$166.9M and recently revised their guidelines to allow for partial LONP reimbursement prior to phase completion. LACMTA has requested to liquidate the LONP, with an allocation request of \$166.9M that was considered by the CTC at their September 2006 meeting. The allocation request was approved in February 2007.

FINANCIAL/GRANT STATUS

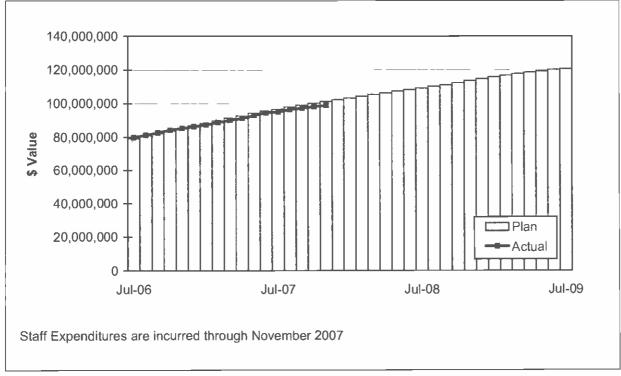
CONCURRENT NON-FFGA PROJECT ACTIVITIES

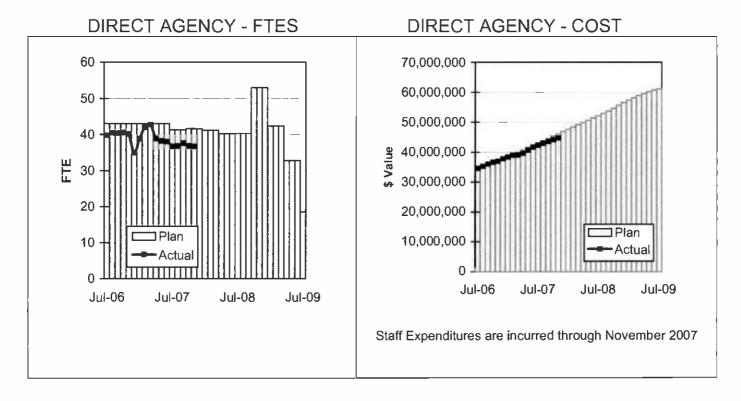
SOURCE	(A) APPRÖVED BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) COMMI	(D/B) ITMENTS	(E) EXPE↑	(E/B) IDITURES	(F) BILLED TO SOURC	
300102	DUDUE	ANTICIPATED (1)	AVAILABLE	\$	%	\$	%	\$	%
PROP C 40%	\$14.000	\$14 000	\$14.000	\$14.000	100%	\$6.278	45%	\$4 935	35%
PROP C 10%	\$4.000	\$4 000	S4 000						
STATE TCR	\$0 000	\$24.086	\$24 086	\$19 513	81%	\$2 740	11%	\$ 2 740	11%
TOTAL	\$18 000	\$42.086	\$42 086	\$33 513	80%	\$9.018	21%	\$7 675	18%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH OCTOBER 2007.

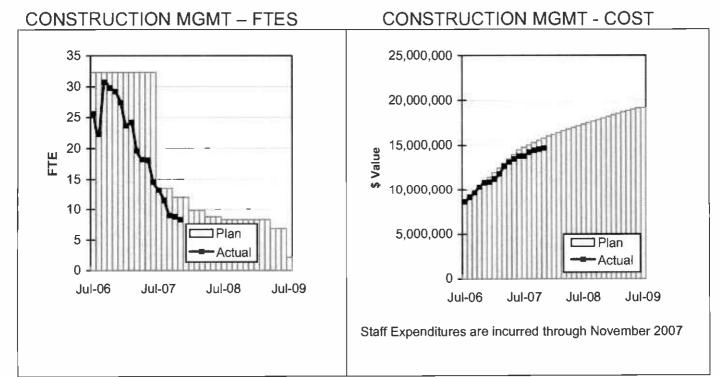


STAFFING STATUS TOTAL PROJECT STAFFING COST

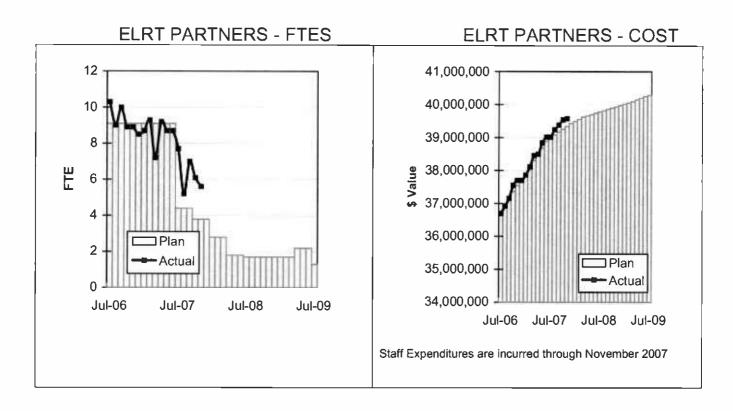




STAFFING STATUS



I



STAFFING STATUS

REAL ESTATE STATUS

- For C0803, the tunnel portion of the alignment, 40 parcels were required for acquisition (11 full takes, 4 partial takes, 20 sub-surface easements/temporary construction easements, 3 sub-surface easements/building protection, and 2 building protections).
- For C0803, the at-grade portion of the alignment, 27 parcels were required for acquisition (17 full takes, 9 partial takes and 1 surface easement). Nine parcels were required for the LAUSD Ramona Opportunity High School site reconfiguration.
- For C0802, 2 parcels were required (1 surface easement and 1 full take parcel).
- Two Encroachment Permits were obtained from Caltrans for the C0803-Tunnel. Three street closures were obtained from the City of LA.

REAL E	STATE AC	QUISTIO	N SCHEDU	LE SUM	MARY
				Behind	Schedule
Number of					Avg.
Parcels					Calendar
	Required	Acquired	On Schedule	Number	Days
This Period	69	69	0	0	0
Last Period	69	69	0	0	0

		ACQUI	SITION PHA	SE			
CONTRACT NO.	Number of Parcels (A+B+C+D+E)	Agreements Signed (A)	Parcels in Condemnation (B)	Under Negotiation (C)	In Appraisal Process (D)	Inactive Parcels (E)	Parceis Available
C0803-Tunnel	40	40	0	0	0	0	4
C0803-At-Grade	27	27	0	0	0	0	2
C0802	2	2	0	0	0	0	
TOTAL	69	69	0	0	0	0	6
LAST PERIOD 69 69 0 0 0 0 0						6	

ENVIRONMENTAL STATUS

- Finalized the burial plan for the Evergreen Cemetery site.
- The Ad-Hoc Subcommittee Meeting discussed the wording for the memorial wall and grave markers.

COMMUNITY RELATIONS STATUS

- Distributed six Construction Notices which reached approximately 22,020 residences/businesses. Activities include: traffic switches, DWP pole removal, tree trimming, and street and sidewalk reconstruction.
- Held monthly Ad-Hoc Sub Committee Meeting, Executive Review Advisory Committee Meeting and Review Advisory Committee Meeting.
- Participated in Hollenbeck Youth Center Christmas Event Planning Meeting and CD14 Bridge Lighting Holiday Planning Meeting.
- Supported 17th Annual Mariachi Festival and Santa Cecilia Festival.
- Met with six residents/business owners to coordinate construction activities.
- Delivered twenty Open During Construction banners.

QUALITY ASSURANCE STATUS

- Quality Management continues to review contractor's monthly Asphalt, Concrete Compressive Strength and Soils Compaction reports areas of concern, if any, are coordinated to resolution with the onsite lab representative.
- The results of field surveillance activities continue to be identified in Weekly Surveillance Reports.
- Fabrication of OCS Poles is complete and poles are currently being installed. Metro is waiting for submittal of final calculations in support of the UT testing results disposition.
- Station canopy fabrication continues and is the subject of additional Metro attention. Areas of concern are being coordinated to resolution.

SAFETY STATUS

- Participated in weekly progress meetings with Construction Managers and ELRTC management personnel to discuss safety related issues and construction schedule.
- Conducted Monthly All Hands Safety Meeting with ELRTC Safety personnel, MTA Security and LAPD representatives.
- Participated in Contractor Readiness Review Meetings.
- Monitored construction activities on a daily basis including weekends to ensure contractor compliance with Contract Specification.
- ELRTC and their subcontractors reported no recordable incidents and 92,569 work hours for the month of November 2007. A total of thirty (32) recordable incidents have occurred Project to Date. Total Project to Date work hours are 2,483,463. Injury Rates for Recordable incidents are 2.5; well below the National Average of 5.6.

ART DEVELOPMENT STATUS

• Coordination meetings with Construction for artwork fabrication/installation schedules for eight stations.

I I

į

i_..

THIRD PARTY AGREEMENT STATUS

· · · · · · · · · · · · · · · · · · ·				
Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
City of Los Angeles	Amendment	Completed	N/A	Executed December 2002.
Los Angeles County	Master	Completed	N/A	Executed April 2003.
Caltrans (All Projects)	Master	Completed	N/A	Executed July 2003.
Caltrans (101)	Design	Completed	N/A	Executed July 2003.
Caltrans (101)	Construction	Completed	N/A	Executed September 2003.
Caltrans (101)	Maintenance	12/08	Project Completion	The initial negotiation meeting was held on 1/9/03. LACMTA received a draft from Caltrans on 1/22/04. LACMTA reviewed and submitted the agreement to Caltrans on 2/10/04. A follow up call was made on 10/20/05 but no response to date.
LADWP (Water/Power)	Amendment	12/07	*6/04	LACMTA Management, County Counsel, and LACMTA Board staff have participated in meetings with DWP to complete negotiations, since the "Deadline and Delay" clause is not acceptable to LADWP. Alternative language was forwarded to LACMTA Management and County Counsel for review on 10/7/05. LACMTA CEO is to speak with LADWP CEO.
So. Cal. Edison Co.	Amendment	N/A	N/A	SCE Executive Legal Branch stated on 2/25/05 they have no intention of signing agreement.
The Gas Company	Amendment	Completed	N/A	Executed May 2005.
SBC/AT & T	Amendment	Completed	N/A	Executed May 2005. SBC has been acquired by AT&T and has formed a new corporation TCM for work in Southern California. A new agreement has been negotiated with Metro and TCM, which was approved by the Metro Board in April. The new agreement mirrors the SBC agreement except for some minor changes in the insurance language.
Adelphia Cable Company	Amendment	12/07	*6/04	LACMTA received a draft from Adelphia for review. LACMTA Management and County Counsel reviewed the amendment and returned the document to Adelphia with comments. Adelphia's Legal Department is reviewing the document and follow-up calls were made on 10/20/05 and 11/16/05.
Calif Wtr Service Co	Master	Completed	N/A	Executed May 2005.
L.A. County Sanitation Districts	N/A	N/A	N/A	In a letter dated 3/26/03, the Sanitation District stated that there is not a need for an agreement since there are no relocations related to their facilities. The Sanitation District will review submittals related to encasements of their facilities on Indiana Street.
MCI Worldcom	Amendment	Completed	N/A	Executed May 2005.

÷. 1

(-1)

1

į.

, - , , |

1

1

; !

L

	THIRD P	PARTY A	GREEMEN	IT STATUS
Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	12/07	*6/04	The revised draft amendment was hand delivered to Verizon on 11/19/03 and an electronic copy was sent to them 2/19/04. Verizon did respond with comments, which were reflected in a revised agreement sent 4/05. Verizon legal is completing final review. Follow up calls were made on 10/20/05 and 11/16/05. Verizon has now joined MCI and once the legal work is complete in late February 2006, LACMTA may be able to use the MCI Agreement for Verizon work. E-mailed MCI Agreement to Verizon Representative for consideration as overall agreement covering Verizon and MCI as the new Verizon.
GST	N/A			Facilities are not impacted by Eastside Construction
Exxon Mobil Oil Company	N/A			Facilities are not impacted by Eastside Construction
Pacific Pipeline Company	N/A			Facilities are not impacted by Eastside Construction
Kinder Morgan Pipeline Company	N/A			Facilities are not impacted by Eastside Construction
Tosco Refining Company	N/A			Facilities are not impacted by Eastside Construction
Equilon Pipeline Company	N/A			Facilities are not impacted by Eastside
Level 3 Communications	N/A			Facilities are not impacted by Eastside Construction
Broadwing Communications	N/A			Facilities are not impacted by Eastside Construction
Eller Media	N/A			Facilities are not impacted by Eastside Construction

THIDD DADTV A TATIC 0

* Work will be performed under the current MCA and will not delay ongoing work.

CPUC CROSSING SUMMARY

Batch	Application Status	Initial Package Submittal to MTA	Field Diagnostic Meeting	Revised Drawings Due to MTA	Draft Write- up to MTA	Draft Package Sumbittal to PUC Local office and Agencies	Final Package Submittal to PUC	CPUC Final Approval
1	Complete	8/5/02	8/12/02	8/26/02	9/6/02	9/6/02	9/6/2002	Approved
2	Complete	10/4/02	10/11/02	10/25/02	11/6/02	11/22/02	11/22/2002	Approved
3	Complete	2/8/03	2/27/03	3/10/03	1/27/03	4/11/02	4/18/2003	Approved
.4	Complete	12/14/02	1/15/03	1/29/03	11/13/02	5/5/03	6/18/2003	Approved
4A	Complete	1/24/03	1/29/03	3/14/03	2/7/03	9/5/03	1/23/2004	Approved
6	Complete	3/19/03	3/26/03	6/20/03	2/7/03	9/5/03	9/12/2003	Approved
7	Complete	12/11/02	12/18/02	3/31/03	2/7/03	5/5/03	7/25/2003	Approved
8	Complete	11/26/02	12/18/02	3/31/03	11/15/02	6/6/03	5/21/2004	Approved
9	Complete	1/20/03	1/29/03	3/31/03	11/22/02	8/29/03	9/12/2003	Approved
10	Complete	12/11/03	12/18/02	3/10/03	11/22/02	5/5/03	8/29/2003	Approved
11	Compiete	2/13/03	2/27/03	4/18/03	12/6/02	6/6/03	8/29/2003	Approved
12	Complete	2/13/03	2/27/03	4/18/03	12/13/02	6/6/03	9/5/2003	Approved
13.	Complete	2/6/03	2/20/03	4/18/03	2/21/03	6/6/03	9/1/2004	Approved
14	Complete	1/8/03	1/15/03	3/14/03	11/12/02	8/29/03	10/30/2003	Approved
15	Complete	2/26/03	N/A	N/A	2/21/03	6/6/03	8/29/2003	Approved
16	Complete	2/26/03	N/A	N/A	2/28/03	6/6/03	8/29/2003	Approved
17	Complete	1/8/03	1/15/03	N/A	2/14/03	5/5/03	6/13/2003	Approved
18	Complete	1/8/03	1/15/03	3/20/03	2/14/03	5/5/03	6/13/2003	Approved
gency Re	esponsible	ELRTP	MTA	ELRP	ELRTP	MTA	MTA	

Batch No. 5 has been removed, as the Midway Yard will be utilized. SHADED AREAS REPRESENTS COMPLETION All applications are approved.

			Batch Descriptions
1	1st / Alameda	10	3rd / Ford
2	Alameda / Temple		3rd / McDonnel
	1st / Hewitt		3rd / Arizona
	Ped Crossings @ 1st / Alameda Station	11	3rd / Mednik
3	1st / Vignes		3rd / Civic Center Drive
4	1st / Lorena		3rd / La Verne
4A	Indiana/1st	12	3rd / Drveways to Sherriff's Station
	Indiana/3rd		3rd / Wood / Via Corona / Pomona / Beverly
	Indiana Pedestrian Crossing	13	3rd / 60 Fwy WB Connector
6	1st / Mission		3rd / 60 Fwy over ELRT
	1st / Anderson		3rd / 710 Fwy SW Connector
	1st / Clarence		3rd / Bridge over 710 Fwy
	1st / Utah		3rd / 710 Fwy SE Connector
	1st/Gless Pedestrian Crossing	14	Union Station Service Road
		15	1st / Santa Fe
7	3rd / Rowan		1st / Myers
8	3rd / Gage	16	1st / MTA
	3rd / 60 Fwy WB Ramps	1	1st / BNSF
	3rd /Downey	l	1st / Union Pacific

CONTRACT C0802 STATUS

Description: 101 Freeway Bri Contractor: Brutoco Enginee	Contract No. Status as of:		ber 30,	2007			
Progress/Work Completed: * Bridge work was completed in March 2007 * Plant Maintenance period achieved Noverr	Major Activities (In Progress): * None						
Areas of Concern: * None	Major Activities Next Period: * None						
Schedule Summary:		1	Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award:	09/07/04	Notice to Proceed	09/22/04	0	09/22/04	09/22/04	0
Notice to Proceed:	09/22/04	Milestone 1 - Complete Abutment No. 10	06/26/06	49	08/14/06	03/15/07	-213
Original Contract Duration:	700 CD	Milestone 2- Complete All Work Without Plant	08/23/06	75	11/06/06	08/06/07	-273
Current Contract Duration:	775 CD	Establishment					
Elapsed Time from NTP:	904 CD *						
* Note: Elapsed time to Milestone # 1 comp	letion						
Physical Percent Complete:	Cost Summary: \$ In millions						
Physical completion ** as of this reporting pe	1. Award Value: 6.42						
	2. Executed Modifications: 0.00						
** Note: Physical completion assessment re and invoice amount shown in Caltrans Mo Expense Report No. 30.	3. Approved Change Orders: 0.00 4. Current Contract Value (1+2+3): 6.42 5. Incurred Cost: 6.42						

2

, –

-

!....

: /

Í

ł

CONTRACT C0803 STATUS

Description: Tunnel, Statio Systems Contractor: Eastside LRT	Contract No. C0803 Status as of: November 30, 2007						
 Progress/Work Completed Poured Mariachi Plaza Station west I mezzanine level and the entrance inv Started Mariachi Plaza Station emerg Completed Soto Station mezzanine of Started Soto Station additional shorir Completed West Portal concrete wal Poured East Portal bulkhead exterior Completed guideway and track at 1si Started guideway work between Lore Installed embedded rail track at Mara Completed I istallation of MSE wall p Completed St.widening (south)-Seg.4 Started canopy installation at East Lor Poured Indiana Station TC&C room r Installed temporary baggage handling Poured CMU wall foundations at the Completed street improvements (south) and Street & Indiana Areas of Concern: The forecast date for milestone # 1 refit the current contractual completion data recovery schedule from the contractor. impact ROD. 	 Major Activities (In Progress): Mariachi Plaza Station roof slab and entrance invert slab Soto Station removal of 2nd level struts and installation of exterior walls at mezzanine level West Portal backfill above the roof East Portal south exterior wall by the hammerhead Fabricate underground stations escalators and elevators Electrical raceway installation in both tunnels Construct Indiana, Maravilla and Pico/Aliso stations MSE wall coping south of the C0802 Bridge OCS pole foundations and duct bank between Lorena & Indiana Guideway construction along the 1st Street Bridge Segments 4A, 5, 6 guideway/track construction Street improvements (north) at 1st Street & Indiana intersection Street improvements (north) at 3rd Street & Indiana intersection Install OCS poles and arm brackets between Atlantic and Indiana Install TPS-06 grounding grid and equipment foundations Train Control underground installation - Segments 4A, 5 and 6 Major Activities Next Period: Mariachi Plaza Station roof concrete slab, emergency exit # 1 and emergency vent fan shaft walls and roof Soto Station Construction of mezzanine exterior walls East Portal roof concrete slab Pico/Aliso Station TC&C room and station platform East Portal roof concrete slab Pico/Aliso Station TC&C room and station platform East Angeles Civic Center and Maravilla Stations canopies Guideway and track installation along the 1st Street Bridge Segments 1, 2B, 3 (tunnels) & 4A guideway/track construction OCS and Train Control equipment installation 						
Schedule Summary:			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award:	06/01/04	Notice to Proceed	07/01/04	0	07/01/04	07/01/04	0
Notice to Proceed: Original Contract Duration: Current Contract Duration:	07/01/04 1795 CD 1800 CD	Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.	12/31/08	9	01/09/09	02/25/09	-47
Elapsed Time from NTP:	1248 CD	Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	5	05/05/08	05/05/08	0
Option D Contract duration	90 CD Complete	Milestone 5 - Vacate all staging areas and turn over to MTA.	05/30/0 9	5	06/04/09	06/04/09	0
		Milestone 6 - Complete design and construction of Option D work.	0 9/ 28/04	0	09/28/04	0 9/ 28/04	0
Physical Percent Complete	Cost Summary: \$ In millions						
Physical completion * as of this reporting		1. Award Value:	-			600.45	
	2. Executed Modif	ications:			9.00		
 Note: Physical completion assessment and work in progress. 	4. Current Contract Value (1+2+3): 609				0.14 609.58 453.03		

1.

 $\frac{1}{1}$

1 - 1

I.

 $\mathbf{r} \in \mathcal{I}$

-

11

; (

CONTRACT E700051F STATUS

Description: 1st Street Bridge Contractor: The Griffith Com	Contract No. E700051F Status as of: November 30, 2007						
Progress/Work Completed: * Bridge turned over to Metro on October 26	Major Activities (In Progress): * Perform additional drilling and remove a Conoco pipe line in anticipation of Phase III work * Contractor demobilization						
		Major Activitio	es Next	Period	:		
Areas of Concern:							
* None							
Schedule Summary:			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance ÇDs
Date of Award: Notice to Proceed:	01/19/07 02/06/07	Notice to Proceed	02/06/07	0	02/06/07	02/06/07	0
Original Contract Duration: Current Contract Duration:	251 CD 281 CD	Milestone 1 - Substantial Completion	10/15/07	30	11/14/07	11/14/07	0
Elapsed Time from NTP:	281 CD						
Physical Percent Complete:		Cost Summar	 ry:		\$ I	n millio	ns
Physical completion as of 11/14/07:	100.00% *	 Award Value: Executed Modifi Approved Changet Current Contract 	ge Orders:			4.26 0.00 0.05 4.31	
 * As reported by the City of Los Angeles, E Contract Administration 	Department of	 Current Contrac Incurred Cost: 	v vaiue (⊺	· <i>z</i> · <i>sj</i> .		4.31 4.31	
		* City of Los Angele	es				

jĪ

11

677 1-1

L I

November 2007

CONTRACT P2550 STATUS

Description: 2550 Rail Ve	Contract No. P2550 Status as of: November 30, 2007						
Description: 2550 Kall Ve Contractor: Ansaldobreda Progress/Work Completed: 1. Project Management has been as: consisting of a new Project Director, a Contract Manager and a new on-site 1 for vehicle testing and acceptance ac 2. Pilot Vehicles 701 & 702 are used vehicles for maintenance staff. Next Pittsburg for upgrade. Schedule TBD. 3. Vehicle final assembly work contin 4. Shipment of foreign and domestic 1 to arrive in Pittsburg, CA. 5. Vehicle shipment from Italy to Pitts Angeles is on hold until quality issues 6. AB Management Team from Italy a Team and discussed addition of new Several Engineering meetings with At progress and to close open items. 7. EMI and TWC/ATP Testing have the Areas of Concern: Several time critical open items have Project Team prior to acceptance of V include, but not limited to, Vehicle Elie (EMI), ATP/TWC Systems and safety coupling issues have been resolved,	Status as of: November 30, 2007 Major Activities (In Progress): 1. Ansaldobreda's manufacturing plants in Pistopia and Naples, Italy continue to prepare carshells and subassemblies for shipment to U.S.A. 2. Shipment by U.S. flag vessels to U.S. in review with MARAD. Potential agreement between AB and U.S. flag shipper in the works. 3. Testing of Vehicles #706 & #708 is ongoing in Los Angeles. Vehicles are also being worked upon to close quality open items. Major Activities Next Period: 1. Several Technical Progress meetings will be held to emphasize the urgency of resolution of critical items identified under Areas of Concern. 2. Several tests are in progress and will continue. These include EMI Testing, Floor Fire Endurance Test, ATP/TWC Signal System Test among others.						
			Original Contract Dates	Quantity	Contract Total Quantity	Balance Due	Transferred from FA to Metro
Schedule Summary:		Notice to Proceed	6/6/2003A				
Date of Award: Notice to Proceed:	04/24/03 06/06/03	Vehicles Assembled		22	50	28	9
Original Contract Duration:	1442 CD	LRV Delivery to Commissioning Site - Metro *		0	50	50	
Elapsed Time from NTP:	1638 CD .	LRV Accepted for Revenue Service by Metro		0	50	50	
Note: Metro and Ansaldobreda agree	ed to Mod No. 4 which	LRV in Revenue Service		0	50	50	
extended the Option One orde 2006 to April 2008, effective M Metro has requested an updat determine the estimated comp However, AB and Metro are co acceptance testing of 2 LRVs expected to be completed by t 2007.	* Delivery is defin immediately comn testing.			and pre	-accepta	nce	
Physical Percent Complet	e:	Cost Summary	/:		\$	In millio	ons
Percent of LRVs assembled =	1. Award Value: Pasadena (Proj. No.: 800151) 126.99 Eastside Ext. (Proj. No.: 800088) 31.75						
Percent Work Product Invoiced	2 Executed Modi 3 Approved Char 4 Current Contra 5 Payments or in	nge Orde ct Value	rs: (1 + 2 +		9 158.74 0.00 0.00 158.74 67.50		



CONSTRUCTION PHOTOGRAPHS

View of Little Tokyo/Arts District Station looking south.

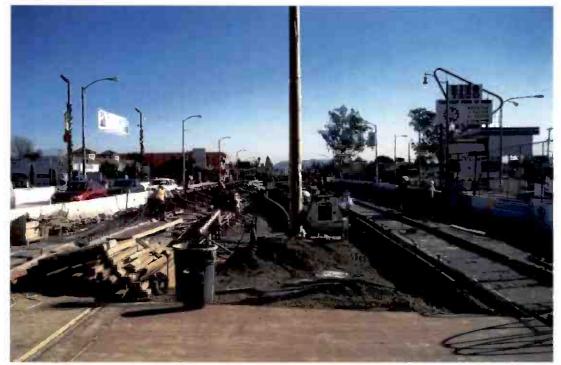


Pico/Aliso Station TCC room construction.

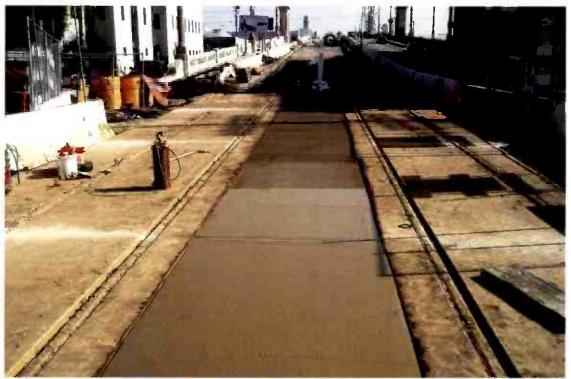


CONSTRUCTION PHOTOGRAPHS

Placement of entrance invert slab concrete at Boyle Heights Mariachi Plaza Station.



Maravilla Station construction.



CONSTRUCTION PHOTOGRAPHS

View of LRT guideway construction looking east towards the 1st Street Bridge.



Atlantic/Pomona Station canopy fabrication.

APPENDIX

COST AND BUDGET TERMINOLOGY

ESTIMATED PROJECT COSTS: Estimated project costs are based upon the current project cost estimates that are produced during the engineering design phase.

COMMITMENTS: The total of actual contract awards, executed change orders or amendments, approved work orders of Master Cooperative Agreements, offers accepted for purchase of real estate, and other LACMTA actions that will result in specific expenditures at a future time.

INCURRED COST: The total value of work performed to date of services received, and acquired materials or properties.

EXPENDITURES: The total dollar amount of checks written by the LACMTA's Accounting department for contractor or consultant invoices, third party invoices, staff salaries, and closing payments for escrow accounts that is reported in the LACMTA's Financial Information System (FIS).

CONSTRUCTION: Includes guideways, yards and shops, systems equipment, stations, and vehicles.

PROFESSIONAL SERVICES: Includes general engineering, construction management services, consultant design support services during construction, legal counsel, and agency (LACMTA staff) costs.

RIGHT-OF-WAY: Includes real estate appraisals, purchase cost of parcels, easements, right-of-entry permits, escrow fees, and tenant relocation.

UTILITY/AGENCY FORCE ACCOUNT: Includes work by outside agencies and utilities in design coordination and review.

CONTINGENCY: A fund established at the beginning of a project to provide for anticipated but unknown additional costs that may arise during the course of the project.

SPECIAL CONDITIONS: Includes utilities relocation, environmental compliance and mitigation, master cooperative agreements, insurance program, artwork, systems integration testing and pre-revenue operations.

.

1

Metro Gold Line Eastside Extension Monthly Project Status Report

APPENDIX

LIST OF ACRONYMS

LACFCDLos Angeles County Flood Control DistrictLACMTALos Angeles County Metropolitan Transportation Authority
LADOT Los Angeles Department of Transportation

1

.

J.

. . . .

1

i :

10

APPENDIX

LIST OF ACRONYMS (Continued)

LADPW LADWP LAUSD LNTP LONP LRT LRTP LRV MIS MPSR N/A NEPA N/A NEPA N/A NEPA NPDES NTE NTP OCIP P3 PC PE PEER PGL PIP PM PMA PMIP PMA PMA PMIP PMA PMOC PMP P&P PR PSR QA QAR QC QPSR RAC RAG RFC RFP ROD ROD ROM	Los Angeles Department of Public Works Los Angeles Department of Water and Power Los Angeles Unified School District Limited Notice To Proceed Letter Of No Prejudice Light Rail Transit Long Range Transportation Plan Light Rail Vehicle Major Investment Study Monthly Project Status Report Not Applicable National Environmental Protection Act National Environmental Protection Act National Pollution Discharge Elimination System Not to Exceed Owner-Controlled Insurance Program Primavera Project Planner® (scheduling software) Project Control Preliminary Engineering Permit Engineering Evaluation Report Pasadena Gold Line Project Implementation Plan Project Management Assistance Project Management Oversight Consultant Project Management Plan (manual) Policies & Procedures Project Report Project Study Report Quality Assurance Quality Assurance Report Review Advisory Committee Rail Activation Group Request For Change Request For Proposal Record Of Decision Revenue Operations Date Rough Order of Magnitude

Ê

÷

1 1

APPENDIX

LIST OF ACRONYMS (Continued)

ROW SCAQMD SCE SCRRA SHA SHPO SIT SOV SOW SP STIP STP TBD TBM TCRP TBD TBM TCRP TPSS TRACS UFS USDOT	Right-Of-Way Southern California Air Quality Management District Southern California Edison Southern California Regional Rail Authority State Highway Account State Historic Preservation Office System Integration Testing Schedule Of Value Statement Of Work Special Provision State Transportation Improvement Program Surface Transportation Program To Be Determined Tunnel Boring Machine Traffic Congestion Relief Program Traction Power Substation Transit Automatic Control System Universal Fare System U.S. Department Of Transportation
USDOT	U.S. Department Of Transportation
VE WBS	Value Engineering Work Breakdown Structure
WP	Work Package

ţ