Los Angeles County Metropolitan Transportation Authority

MONTHLY PROJECT STATUS REPORT

Metro Gold Line Eastside Extension

May 2008





METRO GOLD LINE EASTSIDE EXTENSION

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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.

MAY 2008

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PROJECT OVERVIEW & STATUS

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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, the design package for Segment 3A was Issued for Construction (IFC). ELRTC is continuing to work with third parties agencies to resolve issues with street lighting and street improvement for the remaining civil design packages; Segments 3B and 4B. All Systems Design Packages have been completed.

Metro staff is evaluating ARINC's proposal for the expansion of the existing SCADA system. The contract award is required by mid-summer 2008 in order to support Phase II of the Systems Integration Testing, which is Metro's responsibility. The proposal amount requires LACMTA Board approval. A Board report is in preparation and will be presented to the Board in the July 2008 session.

Underground construction is proceeding per plan. The C0803 contractor continued track installation in both tunnels. Field crews poured all concrete plinth sections on both tunnels from Soto Station to Boyle Heights/Mariachi Plaza Station with the exception of those sections where rail welds are necessary. Also, the rail was placed and fastened to the steel support ties. On the segment from East Portal to Soto Station, closure pours (space between two adjacent plinth sections) were completed. West of the East Portal on the westbound tunnel, construction crews began moving FRE conduit from under the walkway to the new approved location on the opposite side where it will be encased in concrete next period.

At the Boyle Heights/Mariachi Plaza Station, the street restoration at 1st Street and Boyle Avenue was completed on time. Field crews poured curb and gutter, fine graded the road bed, paved with asphalt and striped the road. All CMU walls at the station entrance mezzanine were completed and the light pendant supports for lighting in the platform area were installed this period. The installation of electrical and mechanical equipment throughout the station as well as placement of HVAC ducts and electrical cable tray in the mechanical room continued per plan. Placement of acoustical finish material at the track level continued as well. Construction of upper walls at the station entrance is nearing completion and erection of the shoring system for the station entrance roof began this period. Also, in the ancilliary switch gear area, installation of underground conduit, vaults and grounding grid began.

At the Soto Station, construction crews installed one half of the station entrance roof shoring, placed rebar, embed and forms, and poured the concrete slab. Erection of CMU walls at the mezzanine level was completed at the west end and continued at the east end. Construction

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PROJECT OVERVIEW & STATUS

of upper walls at the station entrance and at the Emergency Exit # 2 continued this period. Field crews began securing and encasing utilities and installing miscellaneous electrical and mechanical equipment. Planning for next month's station deck removal and street restoration is ongoing. At the TPS-02 site, underground conduit and electrical vault installation is proceeding per plan.

At the West Portal, construction crews completed installing the iron picket fence on top of the street barriers and began preparations for track placement.

At the East Portal, construction of the last portal structural section continued per plan. Field crews continued placing rebar, embeds and forms for the shaft structure exterior walls and poured Stair # 1. At the TC&C room, the grounding bus bar was installed and placement of anchorage for HVAC ducts and electrical cable tray supports began. The East Portal is being utilized as a staging and supply site for track installation in the tunnels.

At-grade construction is proceeding according to plan. At Union Station, construction of the temporary baggage-handling road is nearing completion and field crews have completed backfilling and have poured the concrete surface. At the US-101 Freeway LRT Bridge, construction of track plinth and installation of duct bank conduit continued per plan. Along Alameda Street (Segment 1), field crews poured the remaining coping sections on the Mechanically Stabilized Earth (MSE) wall.

Along 1st Street between Vignes Street and the West Portal (Segment 2B), construction of the guideway/track continued per schedule. The track support slab at the Clarence Street crossover was poured and the specialty rail was clipped and fastened as well. Field crews installed rebar and forms for the eastbound track invert slab west of the West Portal.

At the TPS-01 site under the 1st Street Bridge, construction crews completed installation of underground conduit, electrical vaults and the grounding grid. The latter was successfully tested as well.

Guideway construction along 1st Street between Lorena and Indiana Streets in Segment 4A is nearing completion. Street improvements at the south side of the 1st Street and Indiana Street intersection completed this period. Construction crews completed installing track and rail along the segment guideway, which included the curved track portion at the intersection of 1st Street and Indiana Street. Also completed were train control underground conduit and coupler case foundations. At the TPS-03 site at the intersection of 1st Street and Lorena Street, installation of the grounding grid and substation equipment foundations began this period. Also, construction of the guideway south of the Indiana Station (Segment 4B) continued per plan. Track plinth pours and rail placement between Alma and Ditman avenues began as well as curb and gutter installation on the north side of 3rd Street.

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Construction along 3rd Street in Segment 5, between Ditman and Eastern Avenues, continued according to plan. Field crews continued installation of the track crossover at Rowan Avenue, where the track protection and support slabs were poured and underground conduit and foundations for train control devices began. Also, the stringing of OCS wire west of Herbert Avenue continued this period.

Between Mednik and Eastern Avenues (Segment 6), guideway construction also continued per plan. Construction crews continued installation of OCS regulating cable, train control interlocking devices and pulling AC and DC cables. The pulling and terminations of AC and DC cable at the TPS-05 site were completed this period.

At the east end of the alignment along 3rd Street between Atlantic Boulevard and Mednik Street (Segment 7), guideway construction is nearing completion. Field crews continued installation of the OCS regulating cable, train control interlocking devices, and AC and DC wire pulling. At the TPS-06 site on Atlantic Boulevard, construction crews completed AC and DC cable pulling and terminations. Punch list work in this segment is underway.

In other areas of the alignment, at-grade station construction continues according to plan. Construction crews began installation of DC breakers and auxiliary transformers inside the TC&C rooms at Atlantic and East Los Angeles Civic Center Stations and continued installation of junction boxes and cabinets. At the Maravilla Station, erection of steel canopy frames and TC&C room installation of grounding bus, cable tray, ducts and access doors were completed. Construction of walkways at the Indiana Station continued per plan. At the Pico/Aliso Station, field crews completed installation of cable tray supports and miscellaneous metals.

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 thirty-one vehicles have been assembled and of those, eight vehicles are going through the pre-acceptance process before entering the final inspection and commissioning phase. There are some quality issues regarding the vehicle propulsion system that are preventing vehicle deliveries to the commissioning site. The contractor continued resolving these issues and provided Metro with a revised fabrication and delivery schedule this month. Two more vehicles are scheduled for delivery to Metro next period to begin conditional acceptance testing. The revised delivery schedule does not impact the projected Project Revenue Operations Date.

The Universal Fare System (UFS) equipment is in storage at the vendor's facility until the equipment is required for installation. 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. The vendor has requested a six to eight week notice prior to equipment delivery.

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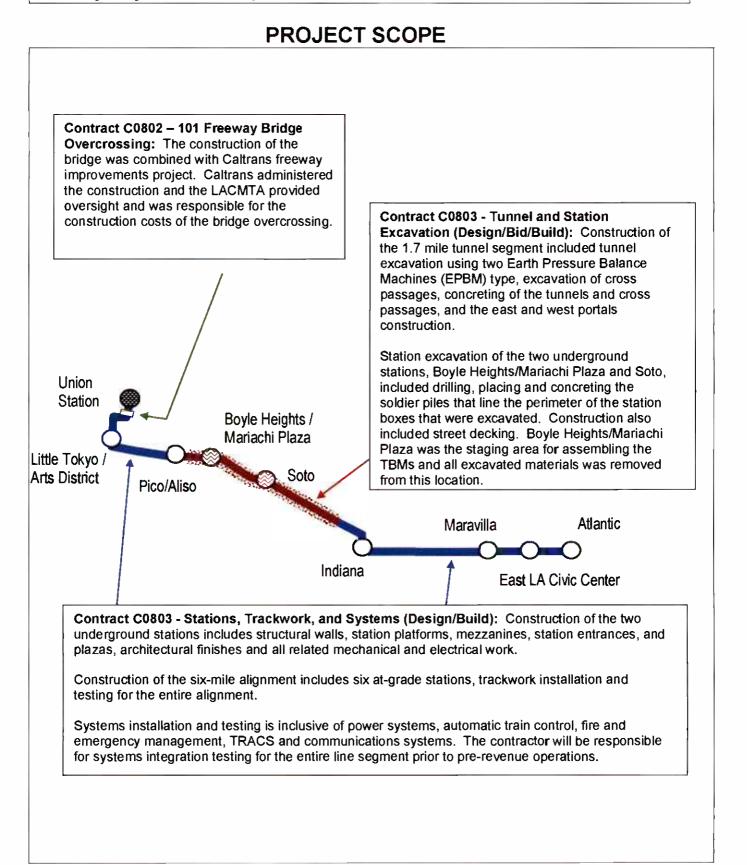
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The Metro Art Department continued providing technical support and coordination between the C0803 contractor and the artists responsible to provide art pieces for the eight stations. This period a bronze sculpture for the Mariachi Plaza Station was completed and delivered to ELRTC. This piece is in storage at the moment. The artists continue developing shop drawings and material sampling with multiple fabricators and providing mounting details to the C0803 contractor. Metro and ELRTC are continuing with coordination meetings, where fabrication and installation issues are discussed.

MANAGEMENT ISSUES

No Management Issues for the period ending May 2008.



KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD

	Milestone Date	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08
Started Installation of Train Control Express Cable	05/07/08	0					
Start Installation of the 34.5 KV Power Feeder Cable	06/03/08 *		0				
Complete Civil Guideway Construction - Segment 7 East End of the Alignment	06/04/08 *		0				
Start Installation of Cable Transmission System - Segment 7 East End of the Alignment	06/09/08 *		0				
Complete MSE Wall From Commercial Street to Alameda Street - Segment 1	06/09/08 *		0				
Complete Civil Guideway & Track Construction in the Tunnels - Segment 3	06/20/08 *		0				
Start Communications Installation - Atlantic Station	06/23/08 *		0				
Complete Baggage Handling Road at Union Station	06/23/08 *		0				
Complete Civil GuidewayConstruction - Segments 2A and 2B	06/30/08 *		0				
Complete Entrance Structure at Boyle Heights/Mariachi Plaza Station	07/03/08 *			0			
Remove Temporary Deck and Complete Street Restoration at Soto Station	07/03/08			0			
Complete Entrance Structure at Soto Station	07/08/08	_		0			
Start Installation of the Radio System in the Tunnels	07/23/08 *			0			
Complete Construction of the East Portal Structure	07/24/08 *			0			
Award SCADA System Upgrade Contract to ARINC	08/01/08				0		
Begin Delivery of Fans and Dampers for Underground Stations	08/08/08		_		0		
Complete Street Improvements Throughtout the Alignment	08/18/08 *				0		
Start Installation of Elevators and Escalators at Underground Stations	08/08/08 *				0		
Complete Installation of Traction Power Substations	09/29/08					0	
Complete At-Grade Stations Canopy Installation	10/20/08 *						0
Complete Installation of Cable Transmission System	10/27/08						0
LAC MTA Staff Milestone Eastside Other Agencies * New Da	ELRT Constructo		A Metro	FTA Appr	oval Board Appr	ovai	

Six-month lookahead schedule for Contract C0803 reflects the contractor's current CPM schedule.

•	tivity Ren cription Dur		Early Finish	2007 2008 2009
803 Metro Gold Line Eastside Exte	the second se	Jan	1 1011317	JEMAM JJASONDJEMAM JJASONDJEMAM JJASON
chedule A3 - Q & P for C0801 Elen	A REAL PROPERTY OF A REAL PROPER	COLOR IN COLOR		
ortal & Underground Station	764164			
Soto Station				
Archt/Finishes (Plaza/Landing/Emergency	Exit			
ASARCESOSO GL 5-6 CMU @ TC & C RM	Configuration of the Configura	22APR08A	03JUN08	GL 5-6 CMU @ TC & C RM
Mechanical/Plumbing/Equip/Metals		-		
A3MECSS130 TC & C RM Fire Protection		5 04JUN08	10JUN08	TC & C RM Fire Protection
A3MECSS140 TC & C RM HVAC	1	5 04JUN08	24JUN08	TC & C RM HVAC
A3MECSS221 INSTL Escalator #2 (GL 3-	Platform) 6.	15SEP08	10DEC08	INSTL Escalator #2 (GL 3-4 Pfatform)
A3MECSS255 Test Escalator #2	1	11DEC08	24DEC08	Test Escalator #2
A3MECSS265 Test Escalator #3	11	29DEC08	15.JAN09	Test Escalator #3
Electrical/Lighting				
A3EL SS180 TC & C RM Power	21	25JUN08	24JUL08	TC & C RM Power
Installation / Field Tests	=	4		
A3TS SS011 Mechanical Test	11	19JAN09	04FEB09	Mechanical Test
unnels				
Archit/Mech/Elec. Work				
Electrical/Lighting				
A2ELC TL25 Procure TNNL, Xpassage E	lec 3	19JUN08A	15JUL08	Procure TNNL, Xpassage Elec
A2ELC TL18 Procure Tunnel Surface Co	nduit 34	14MAY07A	14JUL08	Procure Tunnel Surface Conduit
A2ELC TL35 Xpassages Elec	40	16JUL08	12SEP08	passages Elec
A2ELC TL45 Tunnel Wire	5(15\$EP08	24100/08	Tunnel Wire
A2ELC TL55 Tunnel Lighting	41	25NOV08	30JAN09	Tunnel Lighting
Punch List				
A2ELC TL30 Prep. Punch List TNNL Ele	c/Mech/Instrumentation 38	03FE809	27MAR09	Prep. Punch List TNNL El c/Mech/Instrumentation
lainline Guideway Civil Work				
legment 1				
MSE Wall and Embankment		-		
A3MSES1045 MSE Wall South with fabric		08JAN07A	09JUN08	MSE Wall South with fabrication
Duct Bank (TPSS Raceways, MHs & Pulibe				
A3UT \$1105 INSTL Duct Bank (South M		26NOV07A	-	INSTL Duct Bank (South MSE Wall to Temple)
A3UT \$1115 INSTL Duct Bank (101 Brdg	\$) · · · · · · · · · · · · · · · · · · ·	10MAR08A	03.JUN08	N\$TL Duct Bank (101 Brdg)
Street Improvement				
A3ST S1056 Str Impryment-Ducommun	10 1 51 2	11JUN07A	80NUL60	Str imprvment-Ducommun to 1st
Overhead Contact System A3OCSS1010 INSTL OCS FND (South MI	C Mulling Transite	05 11 11 15	ALC: N IN LOCK	
DUTERSTOND INCLUCED CAR IN CARD IN	se wall to Temple)	05JUN08	05JUN08	👘 👘 👘 👘 👘 👘 👘 👘 👘 👘 👘 👘 👘

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PROJECT MASTER SCHEDULE

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Activity	Activity	Rem	Early	Early	2009 DJFMAMJJASONDJEMAMJJASOND
ID Track Work	Description	Dur	Start	Finish	OJIF MLA MIJJAISION DJIFIMIA MIJJAISION D
A3TR S1020	101 Brdg DF Track Work	5	04MAR08A	69JUN08	101 Brdg DF Track Work
A3TR S1006	South MSE Wall Track		10JUN08	30JUN08	South MSE Wall Track
	Soder MiSE Wall Hack	15	1030100	30301000	
egment 2B Track Work					
ASTR S2005	Utah to Clarence Crossover Track work	10	20MAR08A	16JUN08	Utah to Clarence Crossover Track work
A3TE S2015	Mission to WP Track Work Incl. Int	-	24MAROBA		Mission to WP Track Work Incl Int
	MISSINITIO WY TRACK WORK WCT TK	10	2-1M/W NUSIT	1020100	
legment 3					
Track Work A3TR S3028	OSHA to issue cermit	1 21	24MAROSA	02JUN08	OSHA to issue permit
A3TR S3023	Place Conc (225+31 to WP) - WB	· · · · · · · · · · · · · · · · · ·	30APR08A	20111108	Place Conc (225+31 to WP) - WB
A3TR 53025	Install FRE Conduit	12		18JUN08	estall FRE Conduit
			03,4,1108		Weld Rail after CHSA Permit
A3TR \$3035	Weld Rail after OHSA Permit	14	03JUN08	2010/08	Weid Ran aner UNSA Permit.
Segment 4A		_			
Street Improve	*	1	26NOV07A	03JUN08	Constr Median (1st/Indiana to EP)
A3ST S4058	Constr Median (1st/indiana to EP)	I I	ZONOVUTA	USJUNU8	Constrainedian (Isonitiana to Er)
Track Work	Anthonis on an ED Torola Internal	T .I	02JAN08A	03JUN08	1st/Indiana to EP Track Work
A3TR \$4015	1st/Indiana to EP Track Work	1. 11	UZJANUBA	USJUNU8	
iegment 48 DWP Power		_			
A3UZ S4100	DWP G Pole Relocation	1	03JUN08	03JUN08	DWP G Pole Relocation
Southern Cal I		- 1	0555400	0000000	
	SCE Pole Removal	4	03JUN08	03JUN08	SCE Pole Removal
	SS Raceways, MHs & Pullboxes)		03001100	0000000	
A3UT S4100	INSTL Duct Bank (Xover @Dilman to Indiana)	41.	17MAR08A	03JUN08	INSTI, Duct Bank (Xover @Ditman to Indiana)
Street Improve	the second s			00001100	
A3ST S4088	Str Impryment - Indiana	2	28JAN08A	04.JUN08	Str Impryment - Indiana
Track Work		*		01001100	
A3TR S4007	1st/indiana Inters Track	3	21FE808A	03JUN08	1st/Indiana Inters Track
A3TR 54006	Dirman Xover to 3rd/Indiana Inters Track		24MAR08A		Ditman Xover to 3rd/Indiana Inters Track
A3TR 54008	Indiana b/w 1st and 3rd Track Work		05MAY08A		Indiana b/w 1st and 3rd Track Work
					MOD 10.0 SG 4 Urban Dgn & Landscape -Track Work
43TR S4025	MOD 10.0 SG 4 Urban Dgn & Landscape +Track Work	, 1	03JUN08	03JUNIOB	mou for SG + Groat ugn & Canoscape -Hack Work
egment 5					
Retaining Wall A3RW S5005	SG 5 Construct Retaining Wall		14DEC06A	DA IEMON	SG 5 Construct Retaining Wall
	SG 5 Construct Retaining wait	2	14DELCODA	04101400	Sig 5 Gonsaber (Graining Har

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Activity	Activity Description	Rem Dur	Early Start	Early Finish	2007 2008 2009
	tact System (OCS)	COL	QUIT	1	JFMAMJJASONDJFMAMJJASONDJFMAMJJASOND
Tension Section					
Construction		-	_		
880CTL2040	Sta 134+80.95-172+31 Instl Sec Insulators/Comp	15	28AUG08	19SEP08	Sta 134+80.95-172+31 Insti Sec Insulators/Comp
880CTL2050	Sta 134+80.95-172+31 Tension Wire	4	225EP08	25SEP08	Sta 134+80.95-172+31 Tension Wire
Tension Section	13				
Construction					₩
BBOCTL3010	Sta 170+90-219 55 WB Install OCS Brackets	3	19JUN08	23JUN08	ISta 170+90-219+55 WB Install OCS Brackets
BBOCTL3020	Sta 170+90-219+55 W8 Install C Arms	4	27JUN08	03JUL08	Ista 170+90-219+55 WB Install C Arms
BBOCTL3030	Sta 170+90-219+55 WB Instl SCFT Assys	20	07JUL08	04AUG08	Sta 170+90-219+55 WB Insti SCFT Assys
BBOCTL3040	Sta 170+90-219+55 WB String Wire	3	02\$EP08	04SEP08	Sta 170+90-219+55 WB String Wire
BBOC713065	Sta 170+90-219+55 EB Install OCS Brackets	3	11SEP08	15SEP08	Ista 170+90-219+55 EB Install OCS Brackets
BBOCTL3050	Sta 170+90-219+55 WB Instl Sec Insulators/Comp	10	26SEP08	1000008	Sta 170+90-219+55 WB Insti Sec insulators/Complete
BBOCTL3060	Sta 170+90-219+55 WB Tension Wire	2	1300768	14OCT08	ISta 170+90-219+55 WB Tension Wire
BBOCTL3067	Sta 170+90-219+55 install C Arms	4	17OCT08	2200008	Ista 170+90-219+55 Install C Arms
BBOCTL3070	Sta 170+90-219+55 EB Insti SCFT Assys	20	23OCT08	19NOV08	Sta 170+90-219+55 EB Insti SCFT Assys
BSOCTL3080	Sta 170+90-219+55 EB String Wire	2	20NOV08	21NOV08	Sta 170+90-219+55 EB String Wire
BBOCTL3090	Sta 170+90-219+55 EB Insti Sec insulators/Comp	10	24NOV08	05DEC08	Sta 170+90-219+55 EB Insti Sed Insulators/Comp
BBOCTL3100	Sta 170+90-219+55 EB Tension Wire	2	6003G80	09DEC08	*Ista 170+90-219+55 E8 Tension Wire
Tension Section	14				
Construction					W
BBOCTL4010	Sta 217-32-277+84 WB install OCS Brackets	1	18JUN08	18JUN08	Sta 217+32-277+84 WB install QC\$ Brackets
BBOCTL4020	Sia 217+32-277+84 WB Insil C Amas	3	24JUN08	26JUN08	ISta 217+32-277+84 WB insti C Arms
880CTL4030	Sta 217+32-277+84 WB Instil SCFT Assy	19	05AUG08	29AUG08	Sta 217+32-277+84 WB Inst SCFT Assy
BBOCTL4040	Sta 217+32-277+84 WB String Wite	3	05SEP08	10SEP08	Sta 217+32-277+B4 WB String Wire
BBOCTL4065	Sta 217+32-277+84 E8 Install OCS Brackets	1	16SEP08	16SEP08	JSta 217+32-277+84 EB Install OCS Brackets
BBOCTL4067	Sta 217+32-277+84 EB Insti C Arms	3	17SEP08	19SEP08	Sta 217+32-277+84 EB Insti C Ams
BBOCTL4070	Sta 217+32-277+84 EB Instl SCFT Assy	15	22 SEP08	130CT08	Sta 217+32-277+84 EB InstI SCFT Assy
BBOCTL4080	Sta 217+32-277+84 EB String Wire	3	14OCT08	160CT08	Sta 217+32-277+84 EB String Wire
BBOCTL4050	Sta 217+32-277+84 WB Inst Sec Insulators Comp	5	150CT08	2100708	Sta 217+32-277+84 WB Insti Sec insulators/Comp
BBOCTL4060	Sta 217+32-277+84 WB Tension Wire	2	2200708	230CT08	Sta 217+32-277+84 WB Tension Wire
BBOC fL4090	Sla 217+32-277+84 EB Inst Sec insulators/Comp	5	2400708	30OCT08	Sta 217+32-277+84 EB Insti Sec In adators/Compl
BBOCTL4095	CN66.02 Sta 217+32-277+84 EB Insti Sec Insul	13	3100708	18NOV08	CN66.02 Sta 217+32-277+84 EE Insti Sec Insulat
BBOCTL4100	Sta 217+32-277+84 EB Tension Wire	2	19NOV08	20NOV08	Ista 217+32-277+84 EB Tonsion Wire
ension Section	15				
Construction					
	Sta 274+02-312-41 Install OCS Poles	4	06JUN08	11.JUN08	Sta 274+02-312+41 Install OCS Poles

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1D	Activity Description	Rem Der	Early Start	Early Finish	2007 2009 JEMAMJJASONDJEMAMJJASONDJEMAMJJASOND
Construction					
BBOCTL5020	Sta 274+02-312+41 Del io Sitellinsti C Arms	20	12JUN08	11JUL08	Sta 274+02-312+41 Dei to Site/Instl C Arms
BBOCTL5030	Sta 274+02-312+41 String Wire	12	14JUL08	29JUL08	Sta 274+02-312+41 String Wire
BEOCTL5040	Sta 274+02-312-41 Insti Sec Insulators/Comp	16	30JUL.08	21AUG08	Sta 274+02-312+41 Insti Sec Insulators/Comp
BOCTL5050	Sta 274+02-312+11 Tension Wire	4	22AUG08	27AUG08	ISta 274+02-312+41 Tension Wire
ommunicatio	n Systems				
ieament 28					
Construction					
BBCS2110	Pico/Alise Stn Pull Local Cable to all device Lo	15	25SEP08	1500708	Pico/Aliso Stn Puli Local Cable to all device Lo
BBCS2100	Pico/Aliso Stn Install Racks & UPS System	6	16OCT08	23OCT08	Pico/Aliso Stn Install Racks & UPS System
BBCS2120	Pico/Aliso Stn Install Cameras	5	2400708	30OCT08	Pico/Aliso SIn Install Cameras
BBCS2130	Pico/Alise Stn Install Speakers & VMS signs	10	31OCT08	13NOV08	Pico/Allso Stn Install Speake s & VMS signs
BBCS2150	Pico/Akso Stri Install Telephones (ail)	8	14NOV08	26NOV08	Pico/Aliso Stn Install Telephones (all)
BBCS2160	Pico/Aliso Stri Install Intrusion Detect Devices	6	28NOV08	050EC08	Pico/Aliso Stn Install Intrusion Detect Devices
8BCS2170	Pico/Aliso Stn Install Fire Detection Devices	3	08DEC08	100EC08	Pico/Aliso Stn Install Fire Detection Devices
88CS2180	Pico/Aliso Sto Install Universal Fare Dev	7	1105008	190EC08	Pico/Aliso Stn Install Universal Fare Dev
BBCS2190	Pico/Aliso Sin Splice Fibre Optic Cable	3	220FC08	24DEC08	Pico/Aliso Stn Splice Fibre Optic Cable
	Pico/Aliso Stn Term/Conn All Devices	11	26DEC08	12JAN0/9	Pico/Aliso Stn Term/Conn All Devices
BBCS2200		1			
	Pico/Aliso Stn Local Testino	15	13JAN09	02FEB09	Pico/Allso Stn Local Testing
BBCS2200 BBCS2202	Pico/Aliso Stn Local Testing	15	13JAN09	02FEB09	Pico/Allso Stn Local Tosting
-	Pico/Alise Stn Local Testing	15	13JAN09	02FEB09	Pico/Aliso Stn Local Tosting
BBCS2202 egment 3 Construction	Pico/Aliso Stn Local Testing Solo Stn Install Rocks and UPS Systems	15	13JAN09 25JUL08	02FEB09 06AUG08	Soto Stn Install Racks and UPS Systems
BBCS2202 egment 3 Construction BBCS3410					
BBCS2202 egment 3 Construction BBCS3410 BBCS3420	Solo Stn Install Rocks and UPS Systems	9	25JUL08	06AUG08	Soto Stn Install Racks and UPS Systems
BBCS2202 legment 3	Solo Stn Install Rocks and UPS Systems Solo Stn Pull Local Cable to all device Loctns	9	25JUL08 07AUG08	06AUG08 04SEP08	Soto Stn Install Racks and UPS Systems
BBCS2202 legment 3 Construction BBCS3410 BBCS3420 BBCS3430	Solo Sin Install Rocks and UPS Systems Solo Sin Pull Local Cable to all device Locins Solo Sin Install Cameras	9 20 7	25JUL08 07AUG08 05SEP08	06AUG08 04SEP08 15SEP08	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras
BBCS2202 Argment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3710	Soto Stn Install Rocks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device	9 20 7 12	25JUL08 07AUG08 05SEP08 09SEP08	06AUG08 04SEP08 15SEP08 24SEP08	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device
BBCS2202 Agment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3710 BBCS3440	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs	9 20 7 12	25JUL08 07AUG08 05SEP08 09SEP08 16 SE P08	06AUG08 04SEP08 15SEP08 24SEP08 06OCT08	Soto Stn. Install Racks and UPS Systems Soto Stn. Pull Local Cable to all device Loctns Soto Stn. Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn. Install Speakers and VMS Signs
BBCS2202 Agment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3440 BBCS3450 BBCS3450	Solo Sin Install Rocks and UPS Systems Solo Sin Pull Local Cable to all device Loctns Solo Sin Install Cameras ETS at E. Portal Pull Local Cable to device Solo Sin Install Speakers and VMS Signs Solo Sin Install Seismic Devices	9 20 7 12 15 7	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08	06AUG08 04SEP08 15SEP08 24SEP08 06OCT08 15OCT08	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Seismic Devices
BBCS2202 Agment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3430 BBCS3440 BBCS3450 BBCS3450 BBCS3450	Sofo Sin Install Rocks and UPS Systems Soto Sin Pull Local Cable to all device Locins Soto Sin Install Cameras ETS at E. Portal Pull Local Cable to device Soto Sin Install Speakers and VMS Signs Soto Sin Install Seismic Devices Soto Sin Install Scada Devices Soto Sin Install Gas Detect Devices	9 20 7 12 15 7 7	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08	06AUG08 04SEP08 15SEP08 24SEP08 06OCT08 15OCT08 24OCT08	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Selsmic Devices Soto Stn Install Selsmic Devices
BBCS2202 Lagment 3 Construction BBCS3410 BBCS3430 BBCS3430 BBCS3430 BBCS3440 BBCS3450	Sofo Sin Install Rocks and UPS Systems Sofo Sin Pull Local Cable to all device Loctns Sofo Sin Install Cameras ETS at E. Portal Pull Local Cable to device Sofo Sin Install Speakers and VMS Signs Sofo Sin Install Seismic Devices Sofo Sin Install Scada Devices Sofo Sin Install Cable Devices Sofo Sin Install Telephones (All)	9 20 7 12 15 7 7 1	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08 27OCT08 31OCT08	06AUG08 04SEP08 15SEP08 24SEP08 060CT08 150CT08 24OCT08 30OCT08 30OCT08 12NOVD8	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Selsmic Devices Soto Stn Install Scada Devices Soto Stn Install Scada Devices
BBCS2202 Lagment 3 Construction BBCS3410 BBCS3430 BBCS3430 BBCS3430 BBCS3440 BBCS3450 BBCS3450 BBCS3460 BBCS3460 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480	Sofo Str. Install Rocks and UPS Systems Soto Str. Pull Local Cable to all device Loctns Soto Str. Install Cameras ETS at E. Portal Pull Local Cable to device Soto Str. Install Speakers and VMS Signs Soto Str. Install Seismic Devices Soto Str. Install Scada Devices Soto Str. Install Cas Detect Devices Soto Str. Install Telephones (All) Soto Str. Install Intrusion Detect Devices	9 20 7 12 15 7 7 1 9	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08 27OCT08 31QCT08 13NOV08	06AUG08 04SEP08 15SEP08 24SEP08 06OCT08 15OCT08 24OCT08 30OCT08 12NOVD8 18NOVD8	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Seismic Devices Soto Stn Install Scada Devices Soto Stn Install Scada Devices Soto Stn Install Cable to Devices Soto Stn Install Telephones (All)
BBCS2202 Lagment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3430 BBCS3440 BBCS3450 BBCS3460 BBCS3460 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3490 BBCS3500	Solo Str. Install Rocks and UPS Systems Solo Str. Pull Local Cable to all device Loctns Solo Str. Install Cameras ETS at E. Portal Pull Local Cable to device Solo Str. Install Speakers and VMS Signs Solo Str. Install Seismic Devices Solo Str. Install Scada Devices Solo Str. Install Cas Detect Devices Solo Str. Install Cas Detect Devices Solo Str. Install Telephones (All) Solo Str. Install Fire Detect Devices	9 20 7 12 15 7 7 7 4 9 4 9	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08 27OCT08 31OCT08 13NOV08 19NOV08	06AUG08 04SEP08 15SEP08 24SEP08 060CT08 150CT08 24OCT08 300CT08 12NOV08 18NOV08 18NOV08 02DEC08	Soto Stn. Install Racks and UPS Systems Soto Stn. Pull Local Cable to all device Loctns Soto Stn. Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn. Install Speakers and VMS Signs Soto Stn. Install Seismic Devices Soto Stn. Install Seismic Devices Soto Stn. Install Scada Devices Soto Stn. Install Scada Devices Soto Stn. Install Gas Detect Devices Soto Stn. Install Gas Detect Devices Soto Stn. Install Telephones (All) Loto Stn. Install Intrusion Detect Devices
BBCS2202 legment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3430 BBCS3440 BBCS3450 BBCS3450 BBCS3460 BBCS3450 BBCS3460 BBCS3460 BBCS3450 BBCS3460 BBCS3450 BBCS3450 BBCS3450 BBCS3450 BBCS3450 BBCS3450 BBCS3450 BBCS3500 BBCS3510	Solo Str. Install Rocks and UPS Systems Soto Str. Pull Local Cable to all device Loctns Soto Str. Install Cameras ETS at E. Portal Pull Local Cable to device Soto Str. Install Speakers and VMS Signs Soto Str. Install Seismic Devices Soto Str. Install Scada Devices Soto Str. Install Cable to devices Soto Str. Install Scada Devices Soto Str. Install Cable Devices Soto Str. Install Cable Devices Soto Str. Install Telephones (All) Soto Str. Install Intrusion Detect Devices Soto Str. Install Fire Detect Devices Soto Str. Install Fire Detect Devices	9 20 7 12 15 7 7 7 4 9 4	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08 16OCT08 31OCT08 13NOV08 19NOV08 03DEC08	06AUG08 04SEP08 15SEP08 24SEP08 06OCT08 15OCT08 15OCT08 24OCT08 30OCT08 12NOV08 18NOV08 18NOV08 18NOV08 18DEC08	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Seismic Devices Soto Stn Install Seismic Devices Soto Stn Install Sea Detect Devices Soto Stn Install Gas Detect Devices Soto Stn Install Telephones (All) Soto Stn Install Fire Detect Devices Soto Stn Install Fire Detect Devices
BBCS2202 egment 3 Construction BBCS3410 BBCS3420 BBCS3430 BBCS3430 BBCS3440 BBCS3450 BBCS3460 BBCS3480 BBCS3500 BBCS3510 BBCS3520	Solo Str. Install Rocks and UPS Systems Soto Str. Pull Local Cable to all device Loctns Soto Str. Install Cameras ETS at E. Portal Pull Local Cable to device Soto Str. Install Speakers and VMS Signs Soto Str. Install Seasmic Devices Soto Str. Install Scada Devices Soto Str. Install Scada Devices Soto Str. Install Cas Detect Devices Soto Str. Install Telephones (All) Soto Str. Install Fire Detect Devices Soto Str. Splice Fiber Optic Cable	9 20 7 12 15 7 7 7 4 9 4 9 10 4	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08 16OCT08 31OCT08 31OCT08 13NOV08 19NOV08 03DEC08 17DEC08	06AUG08 04SEP08 1SSEP08 24SEP08 06OCT08 1SOCT08 1SOCT08 24OCT08 30OCT08 12NOV08 18NOV08 18NOV08 02DEC08 18DEC08 22DEC05	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Seismic Devices Soto Stn Install Seismic Devices Soto Stn Install Seismic Devices Soto Stn Install Gas Detect Devices Soto Stn Install Telephones (All) Soto Stn Install Fire Detect Devices Soto Stn Install Fire Detect Devices Soto Stn Install Fire Detect Devices Soto Stn Install Fire Detect Devices
BBCS2202 Lagment 3 Construction BBCS3410 BBCS3430 BBCS3430 BBCS3430 BBCS3440 BBCS3450 BBCS3450 BBCS3460 BBCS3460 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480 BBCS3480	Solo Str. Install Rocks and UPS Systems Soto Str. Pull Local Cable to all device Loctns Soto Str. Install Cameras ETS at E. Portal Pull Local Cable to device Soto Str. Install Speakers and VMS Signs Soto Str. Install Seismic Devices Soto Str. Install Scada Devices Soto Str. Install Cable to devices Soto Str. Install Scada Devices Soto Str. Install Cable Devices Soto Str. Install Cable Devices Soto Str. Install Telephones (All) Soto Str. Install Intrusion Detect Devices Soto Str. Install Fire Detect Devices Soto Str. Install Fire Detect Devices	9 20 7 12 15 7 7 4 9 4 9 10	25JUL08 07AUG08 05SEP08 09SEP08 16SEP08 07OCT08 16OCT08 16OCT08 31OCT08 13NOV08 19NOV08 03DEC08	06AUG08 04SEP08 15SEP08 24SEP08 06OCT08 15OCT08 15OCT08 24OCT08 30OCT08 12NOV08 18NOV08 18NOV08 18NOV08 18DEC08	Soto Stn Install Racks and UPS Systems Soto Stn Pull Local Cable to all device Loctns Soto Stn Install Cameras ETS at E. Portal Pull Local Cable to device Soto Stn Install Speakers and VMS Signs Soto Stn Install Seismic Devices Soto Stn Install Seismic Devices Soto Stn Install Sea Detect Devices Soto Stn Install Gas Detect Devices Soto Stn Install Telephones (All) Soto Stn Install Fire Detect Devices Soto Stn Install Fire Detect Devices

Activity		Rem i Dur	Early Start	Early Finish	2008 2007 2008 2008 2008 2008 2008 2008
Construction					
BBCS3450	Soto Stn. Install Seismic Devices	7	11SEP08	19SEP08	Soto Str. Install Seismic Devices
BBC\$3460	Soto Stn. Install Scada Devices	7	22SEP08	305EP08	Soto Str. Install Scada Davices
BBCS3255	Tunnel Cross-passages Install ETS System	90	22SEP08	10FE809	Tunnel Cross-passages Install ETS System
BBCS3470	Solo Stn. Install Gas Detect Devices	4	02OCT08	0700708	Soto Stn Install Gas Detect Devices
BBCS3480	Soto Stn. Install Telephones (All)	9	080CT08	200CT08	Soto Str. Install Telephones (All)
BBCS3490	Sato Stn. Install Intrusion Detect Devices	4	210CT08	24OCT08	Soto Str. Install Intrusion Detect Devices
BBCS3500	Soto Stn. Install Fire Detect Devices	g,	27OCT08	06NOV08	Soto Str. Install Fire Detect Devices
BBCS3510	Soto Stn. Wire Universal Fare collect Devices	10	07NOV08	20NOV08	Spto, Stn. Wire Universal Fire collect Devices
BBCS3520	Soto Stn Splice Fiber Optic Cable	4	21NOV08	26NOV08	Soto Stn Splice Fiber Optic Cable
88CS3530	Soto Still Term/Conn all Devices	16	27NOV08	18DEC08	Soto Stn Term/Conn all Devices
BBC\$3532	Soto Stn Local lesting	9	1908008	07JAN09	Solo Stn Local testing
Segment 4A	فأناها والمتعادية والمتعادية والمتعادية				
Construction					
BBC54020	Indiana Ave Stn Install Racks and UPS Systems		158EP08	255EP08	Indiana Ave Stn Install Racks and UPS Systems
BBC54015	Indiana Ave Stri Install Comms System	90*	15SEP08	30JAN09	Indiana Ave Stri Install Comms System
BBCS4030	Indiana Ave Stn Pull Local Cable to all device L	18	26SEP08	22OCT06	Indiana Ave Stn Pull Local Cable to all dovice L
BBCS4040	Indiana Ave Stn Install Cameras	5	230CT08	290CT08	Indiana Ave Stn Install Cameras
BBCS4050	Indiana Ave Stn Install Speakers and VMS Signs	15	300CT08	19NOV08	Indiana Ave Stn Install Speakers and VMS Signs
88CS4070	Indiana Ave Stn Install Telephones (All)	9	20NOV08	02DEC08	Indiana Ave Stn Install Telephones (All)
B8CS4080	Indiana Ave Stn Install Intrusion Detect Devices	6	D3DEC08	10DEC08	Indiana Ave Stn Instail Intrusion Detect Devices
BBCS4090	Indiana Ave Stn Install Fire Detect Devices	2	11DEC08	120EC08	Indiana Ave Stn Install Fire Detect Devices
88CS4100	Indiana Ave Stn Wire Universal Fare collect D	7	15DEC08	23DEC08	Indiana Ave Stn Wire Universal Fare collect D
8BCS4110	Indiana Ave Stn Splice Fiber Optic Cable	2	24DEC08	29DEC08	Indiana Ave Stn Splice Fiber Optic Cable
BBCS4120	Indiana Ave Stn Term/Conn all Devices	11	30DEC08	21JAN09	Indiana Ave Sta Term/Conn all Devices
BBCS4122	Indiana Ave Local Testing	6	22.JAN09	90JAN09	Indiana Ave Local Testing
iegment ti		-			
Construction					Maravilla Sto Install Racks and UPS Systems
BBCS6020	Maravilla Stn. Install Racks and UPS Systems		06JUN08	18JUN08	
BBCS6015	Maravilla Stn. Install Comms System		06JUIN08	170СТ08	Maravilla Stn. Install Comms System
BBCS6030	Maravilla Stn. Pull Local Cable to all device Lo		19JUN08	16.JLL08	Maravilla Sta Pull Local Cable to all device Lo
BBCS6040	Maravilla Stn Install Cameras		17JUL08	23JUL08	Maravilla Str. Instali Cameras
88CS6050	Maraviila Stn. Install Speakers and VMS Signs		24JUL08	14AUG08	Maravilla Str. Install Speakers and VMS Signs
BBCS6070	Maravilla Stn. Install Telephones (All)		15AUG08	27AUG08	Maravilla Str. Install Telephones (All)
BBC 56080	Maravilla Stn. Install Intrusion Detect Devices		28AUG08	05SEP08	tharavilla Str. Install Intrusion Detect Devices
BBCS6090	Maravilla Stn Install Fire Detect Devices		09SEP08	11SEP08	Maravilla Stn. Install Fire Detect Devices
BBCS6100	Maravita Str. Wire Universal Fore collect De	7	12SEP08	22SEP08	Maravilla Str Wire Universal Fare collect De

PROJECT MASTER SCHEDULE





ID Integration Te:	Activity	Rem	Early	Early	2007 2008 2009
Integration (e)	Description	Dur	Start	Finish	JEMAMJJASONDJEMAMJJASONDJEMAMJJASON
			6 (55 5 6 6	0	Train Control Cab Signal Reception Test
885TP1091	Train Control Cab Signal Reception Test	2	24FEB09	25FEB09	
66STP1092	Grade Crossing Activation	6	26FEB09	04MAR09	Grade Crossing Activation
BESTP1046	Telephone System / SCADA	5	03MAR09	09MAR09	Talephone System / SCAD
BBSTP1051	PA7VMS	5	03MAR09	09MAR09	PAIVMS
BBSTP1093	TWC Operation test	5	05MAR09	11MAR09	TWC Operation test
BBSTP 1055	CCTV	5	10MAR09	16MAR09	JCCTV
BBSTP1095	Train Control Integration Test	15	12MAR09	01APR09	Tain Control Integration Test
BBSTP1081	Train Arrival PA Test	5	17MAR09	23MAR09	Train Arrival PA Test
BBSTP1144	PH1 - Traction Power simulaneous Pullaway Test	1	23MAR09	23MAR09	PHI - Traction Power simutaneous Pullaway Test
88STP1131	SCADA Tests not covered elsewhere	4	24MAR09	27MAR09	SCADA Tests not covered elsewhere
88STP1142	Traction Power Ph Untegration Testing		24MAR09	08APR09	Traction Power Ph Entegration Testing
eneral					
Ganaral					
Milestone		1 1.7.	Redit P		
A1MS 0001	Mile Stone #1 Contract Completion (1652 CD)	0		01APR09	Mile Stone #1 Contract Completion (1652 CD)
tro Doll Star	rtup Operations				
Systems Integr SIT Phase II (M	ation Phase II Testing by Metro letro				
BBSTP1143	PILI - Traction Power	8	09APR09	20APR09	PH II - Traction Power
BBSTP1096	PHIL- I rain Control test	6	21APR09	29APR09	PH II - Train Control t
88STP1097	PHIL - Train Routing from ROC	2	30APR09	01MAY09	PH II - Train Routing from ROC
8BSTP1042	PHII - CTS / SCADA Test	4	01MAY09	01MAY09	PH II - CTS / SCADA 1
	PH II - Train Arrivel PA Test	4	05MAY09	05MAY09	PH II - Train Arrival PA Test
BBSTP1082	PH II Telephone / SCADA	-	D6MAY09	05MAY09	PH II Telephone / SCADA
BBSTP1047		1	07MAY09	D7MAY09	JPH II - PA/ VMS
BBSTP1047 B6STP1052	PH I - PA / VMS		07MAY09 08MAY09	07MAY09	PH II - PA / VMS PH II - CTV / CCTV Central Control Test
BBSTP1047 BBSTP1052 BBSTP1056	PH II - PA / VMS PH II - CCTV / CCTV Central Control Test		07MAY09 08MAY09	07MAY09 14MAY09	
BBSTP1047 BBSTP1052 BBSTP1056 Start Up Operat	PH II - PA / VMS PH II - CCTV / CCTV Central Control Test ions by Metro				
BBSTP1047 BBSTP1052 BBSTP1056 Start Up Operat Pre-Rovenue O	PH II - PA / VMS PH II - CCTV / CCTV Central Control Test	5			
BBSTP1082 BBSTP1047 BBSTP1052 BBSTP1056 Start Up Operat Pre-Revenue O MTCC216	PH II - PA / VMS PH II - CCTV / CCTV Central Control Test ions by Metro perations (Metro)	5	DBMAY09	14MAY09	PH II - CCTV / CCTV Central Control Test

CRITICAL PATH NARRATIVE

Current Critical Path Analysis

The C0803 contractor (ELRTC) is reporting to be on schedule to achieve substantial completion by April 1, 2009. Although the contractor has not officially received clearance from OSHA to weld rail in the tunnels, track plinth and rail installation in this critical area is proceeding per plan. ELRTC is developing a plan to minimize potential delays in the event the OSHA clearance does not arrive by the middle of June 2008.

There are two parallel critical paths in the current schedule. One is through track and OCS installation from Union Station to Segment 4B; the other is communications installation at the Soto and Pico/Aliso Stations. 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.

PROJECT COST STATUS

B.5-	DESCRIPTION	ORIGINAL	CURREN	TBUDGET	CONNIT	MENTS	EXPEND	TURES	CURRENT	FORECAST	BUDGET FORECAS
MENT	DESCRIPTION	BUDGET	PERIOD	TO DATE	PERIOD	TODATE	PERIOD	TODATE	PERIOD	TO DATE	VARIANC
С	CONSTRUCTION	633,221	9	651,961	265	653,729	11.526	515,230	Si.	651,961	
s	SPECIAL CONDITIONS	19,494	(3	43 948	1 094	45,652	1,720	33 325		43,948	-
R	RIGHT-OF-WAY	40,358	12	42,299		43,004	Ш.	42,288	53	42,299	2
Ρ	PROFESSIONAL SERVICES	135,304	3	135,841	*	125,767	970	119,024	(B)	135,841	5
PC	PROJECT CONTINGENCY	60,254	14	14,599	2			-	\$\$.	14,599	9
PR	PROJECT REVENUE	(4,617)	15	(4,633)		(±);	5	(44)	**	(4,633)	
	SUBTOTAL	884,014	1. 18	884,014	1,359	868,153	14,216	709,823	÷i	884,014	
PF	PROJECT FINANCE COST	14 800		14,800	(304)	3,864	(304)	3,864	<u>.</u>	14,800	2
8	TOTAL	898,814	121 2	898,814	1,055	872,017	13,912	713,687		898,814	

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 \$1.1 million this period. In the Construction element there was an increase of \$0.3 million due to executed modifications associated with Contract C0803 – Tunnel, Stations, Trackwork and Systems. In the Special Conditions element there was an increase of \$1.1 million due to the Dry Utilities Shared Incentive Program. And in the Project Finance Cost element there was a decrease of \$0.3 million due to an interest income received. Interest eamed is received monthly and interest payments are made semi-annually. Interest eamings are not projected to be more than the interest costs. The \$872.0 million in Commitments to date represents 97.0% of the Original Budget.

Expenditures

Expenditures are cumulative through April 2008. The Expenditures increased by a total of \$13.9 million this period. In the Construction element there was an increase of \$11.5 million primarily due to costs associated with Contract C0803 – Tunnel, Stations, Trackwork and Systems and universal fare system. In the Special Conditions element there was an increase of \$1.7 million primarily for costs associated with the 3rd Party Master Cooperative Agreements with the City of Los Angeles and the Dry Utilities Shared Incentive Program. In the Professional Services element there was an increase of \$1.0 million for costs associated with Metro Project Administration, Design Support During Construction and Construction Management services. And in the Project Finance Cost element there was a decrease of \$0.3 million due to an interest income received. The April 2008 invoice for Contract C0803 in the amount of \$7.3 million was posted in the Metro's Financial Information System (FIS) on May 16, 2008 and will be reflected in the next reporting period. The \$713.7 million in Expenditures to date represents 79.4% of the Original Budget.

PROJECT COST STATUS

COST REPORT BY ELEMENT CONCURRENT NON-FFGA PROJECT ACTIVITIES

DOLLARS IN THOUSANDS

ELE-			CURRENT	BUDGET	COMMITMENTS		EXPENDITURES		CURRENT	BUDGET / FORECAST	
HENT	DESCRIPTION	BUDGET	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	VARIANCE
С	CONSTRUCTION	18,000	á)	41,174	1.45	35,360	1,011	18 187		41,174	\$
s	SPECIAL CONDITIONS		5	2,719	640	2,535	475	1,631		2,719	2
R	RIGHT-OF-WAY		80			(+)			۲		
Р	PROFESSIONAL SERVICES		÷1	2,280		1,393	98	586	2	2,280	23
PC	PROJECT CONTINGENCY		÷.		0.6		18	-8		3	*
PR	PROJECT REVENUE			(4 087)		(4,655)		(279)	8	(4 087)	\$2
	SUBTOTAL	18,000		42,086	640	34,633	1,584	20,125		42,086	
PF	PROJECT FINANCE COST		*		1.00	94) 			*		
	TOTAL	18,000		42,086	640	34,633	1,584	20,125	÷	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 \$0.6 million this period to reflect the Board approved action for the purchase of a re-interment site at Evergreen Cemetery and a contract with Felipe Bagues Mortuary, Inc. for the re-interment services. The \$34.6 million in Commitments to date represents 82.3% of the Current Budget.

Expenditures

Expenditures are cumulative through April 2008. The Expenditures increased by \$1.6 million this period primarily for costs associated with the traction power sectionalization, revision of TPSS #3 site plan, universal fare system, urban design elements, purchase of the re-interment site at Evergreen Cemetery, Metro Project Administration costs, and Design Support During Construction. The April 2008 invoice for Contract C0803 in the amount of \$0.6 million was posted in the Metro's Financial Information System (FIS) on May 16, 2008 and will be reflected in the next reporting period. The \$20.1 million in Expenditures to date represents 47.8% of the Current Budget.

FINANCIAL/GRANT STATUS - ORIGINAL SCOPE ACTIVITIES

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) СОММП	(D/B) TMENTS	(E) EXPEN	(E/B) (DITURES	(F) BILLED TO SOURC	
		ANTICIPATED	AVAILABLE	\$	%	\$	%	\$	%
FEDERAL - SECTION 5309 NEW START	\$490,700	\$490.700	\$255.193	\$474.863	97%	\$360 337	73%	(1) \$334.959	68%
FED - SECTION 5309 FIXED GUIDEWAY	\$23,100	\$12,000	\$12.000	\$12,000	100%	\$12 000	100%	\$12,000	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%	\$45.000	100%
PROP A 35% / PROP C 40%	\$124.614	\$135 714	\$135 714	\$135.714	100%	\$135 714	100%	\$135.714	100%
LEASE REVENUES	\$10.100	\$10 100	\$10 100	\$10.100	100%	\$10,100	100%	\$10,100	100%
ACCRUALS									
SUB-TOTAL PROP A / PROP C (INTEREST COST)	\$884.014 \$14.800	\$884.014 \$14 800	\$604 679 \$1,980	\$868.153 \$3 864	98% 26%	\$709.823 \$3.864	80% 26%	\$684 445 \$3.313	77% 22%
TOTAL	\$898.814	\$898.814	\$606.659	\$872.017	97%	\$713 687	79%	\$687.758	77%

STATUS OF FUNDS ANTICIPATED

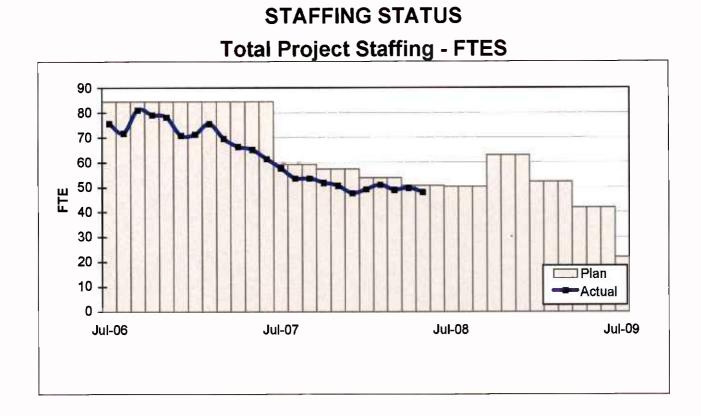
FEDERAL SECTION 5309 NEW STARTS: LACMTA has received an appropriation of \$237.9M through FY07. LACMTA submitted a grant application for \$78.4 M in March 2008. Approval is expected in June 2008.

RIP-STATE: LACMTA submitted an allocation request of \$43.8 to the CTC for consideration for their upcoming July 2008 meeting.

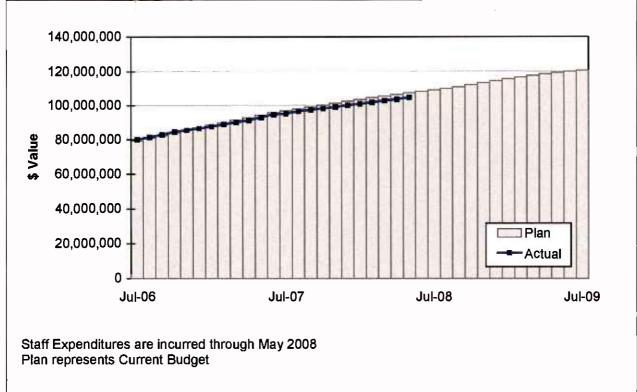
FINANCIAL/GRANT STATUS CONCURRENT NON-FFGA PROJECT ACTIVITIES

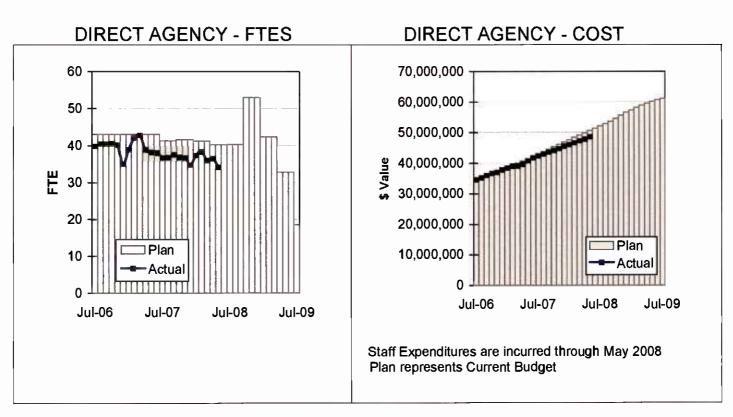
	(A) APPROVED	(B) TOTAL	(C) TOTAL	(D) COMMI	(D/B) TMENTS	(E) EXPEN	(E/B) DITURES	(F) BILLED TO	
SOURCE	BUDGET	FUNDS ANTICIPATED (1)	FUNDS AVAILABLE	\$	%	\$	%	SOURC \$	± %
PROP C 40%	\$14 000	\$14.000	\$14.000	\$14.000	100%	\$6 902	49%	\$5.038	36%
PROP C 10%	\$4 000	\$4 000	\$4.000						
STATETCR	\$0.000	\$24.086	\$24 086	\$20 633	86%	\$13 223	55%	\$13 223	55%
TOTAL	\$18.000	\$42.086	\$42 086	\$34 633	82%	\$20 125	48%	\$18 261	43%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH APRIL 2008.

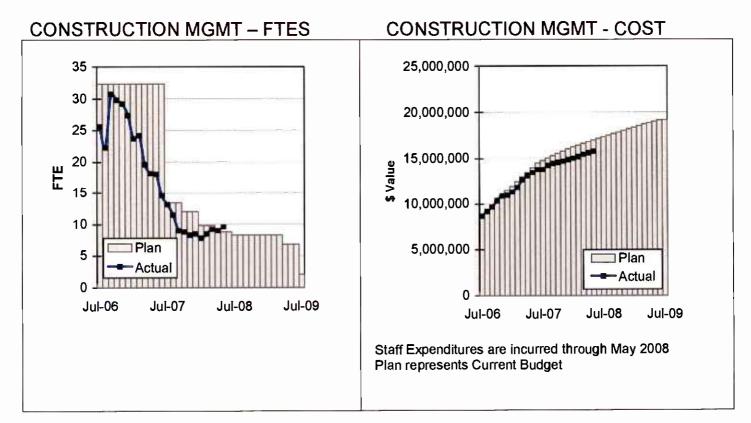


STAFFING STATUS TOTAL PROJECT STAFFING COST

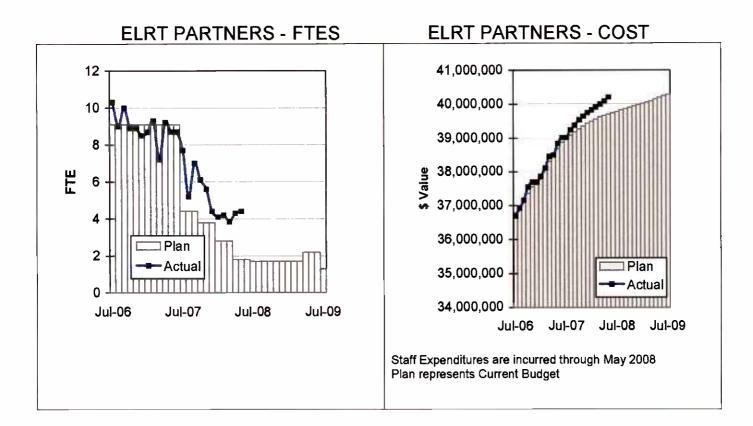




STAFFING STATUS



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 ES	STATE AC	QUISTIO	N SCHEDU	LE SUM	MARY	
				Behind Schedule		
Number of Parcels	Required	Acquired	On Schedule	Number	Avg. Calendar Days	
This Period	69	69	011 0011000010	0	0	
Last Period	69	69	0	0	0	

REAL ESTATE STATUS TO DATE BY CONTRACT ACQUISITION PHASE

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)	Parcels Available
C0803-Tunnel	40	40	0	0	0	0	40
C0803-At-Grade	27	27	0	0	0	0	27
C0802	2	2	0	0	0	0	2
TOTAL	69	69	0	0	0	0	69
	69	69	0	0	0	0	69

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ENVIRONMENTAL STATUS

- Discussions continue with Cal State University Los Angeles to discuss proposed research projects on the remains and artifacts retrieved from the Los Angeles Crematorium site.
- Evergreen Cemetery is proceeding with the removal of the dirt stockpiles from the maintenance yard site adjacent to the reburial plots.
- Received a proposal from Cal State University Los Angeles containing thirteen research projects that could be completed on the human remains and artifacts recovered from the Los Angeles Crematorium site.
- Funding is being awarded to Archeo Paleo Associates to complete the curation of artifacts discovered along the alignment during excavation activities.

COMMUNITY RELATIONS STATUS

- Distributed thirteen Construction Notices which reached approximately 20,500 residences/businesses. Activities included deck removal for Phase III, canopy placement, concrete pours, track installation, street lighting installation and civil improvements.
- Met with one hundred eighty-nine residents/business owners to coordinate construction activities.
- Delivered four Open During Construction banners and thirty-six banners promoting the Project.
- Held monthly Executive Review Advisory Committee Meeting and Review Advisory Committee Meeting.
- Supported the 20th Annual Homeboy Industries Lo Maximo Awards Dinner, Roosevelt High School MESA Club, Sai Tan San Basketball Tournament in Little Tokyo, American Legion Post 804 and Hollenbeck Police Activities League.

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QUALITY ASSURANCE STATUS

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- Quality Management continues to review contractor's monthly Asphalt, Concrete Compressive Strength and Soils Compaction reports areas of concern are coordinated to resolution with the onsite lab representative.
- The results of field surveillance activities continue to be identified in Weekly Surveillance Reports including color digital pictures identifying sites of surveillance and issues of concern.
- Mainline Ductbank damage caused by follow-on concrete forming work was addressed by the contractor in a nonconformance report. Metro is reviewing the corrective action to be taken.

SAFETY STATUS

- Participated in weekly progress meetings with Construction Managers and ELRTC management personnel to discuss safety related issues and construction schedule.
- Participated in Contractor Readiness Review Meetings and Rail Activation Meetings.
- Monitored construction activities on a daily basis, including weekends, to ensure contractor compliance with Contract Specification.
- ELRTC and their subcontractors reported one recordable incidents and 97,282 work hours for the month of May 2008. A total of thirty-eight (39) recordable incidents have occurred Project to Date. Total Project to Date work hours are 3,155,199. Injury Rates for Recordable incidents are 2.4; well below the published incident rate of 5.3.

ART DEVELOPMENT STATUS

 Coordination meetings with Metro Construction and ELRTC for artwork fabrication/installation schedules for eight stations.

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THIRD PARTY AGREEMENT STATUS

	I 1			
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	6/08	*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	6/08	*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.
Metropolitan Wtr Dist	Amendment	Completed	N/A	Executed May 2003.

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THIRD PARTY AGREEMENT STATUS

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	6/08	*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 Pipelíne 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 Construction
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

* 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
	Complete	8/5/02	8/12/02	8/26/02	9/6/02	8/6/02	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	2/6/03	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	Complete	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 R	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		1st / BNSF
	3rd /Downey		1st / Union Pacific

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CONTRACT C0802 STATUS

		-						
Description: 101 Freeway B Contractor: Brutoco Engine	• •	Contract No. C0802 Status as of: May 30, 2008						
	Status as or.	may oo	, 2000					
Progress/Work Completed:		Major Activities (In Progress):						
* Bridge work was completed in March 200 * Plant Maintenance period achieved Nove		* None						
Areas of Concern:		Major Activities Next Period:						
* None								
1								
		1						
Schedule Summary:			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	Establishmen t	002000	10		50,00101	2.10	
Elapsed Time from NTP:	904 CD *							
* Note: Elapsed time to Milestone # 1 cor	npletion					_		
Physical Percent Complete:	Cost Summary: \$ In millions							
Physical completion ** as of this reporting	period is: 100.00%	1. Award Value:				6.42		
		2. Executed Modifi				0.00		
** Note: Physical completion assessment reflects work completed		3. Approved Chan	-			0.00		
and invoice amount shown in Caltrans Monthly Progress/ Expense Report No. 30.		4. Current Contract Value (1+2+3): 6.42 5. Incurred Cost; 6.42						
		5. Incurred Cost:				0.42		
		1						

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CONTRACT C0803 STATUS

Description: Tunnel, Stat Systems	ions, Trackwork &	Contract No. C0803					
Contractor: Eastside LR	Status as of: May 30, 2008						
Progress/Work Complete * Poured Mariachi Plaza Station (MP and completed CMU walls at the st * Completed street restoration at 1st * Installed light pendant supports (pla * MPS Aux. Switch Gear undergroun * Poured one half of the Soto Statior entrance interior walls and emerged * Erected mezzanine rooms CMU wa * Install underground conduit and ele * Install underground conduit and ele * Poured stair # 1 at East Portal mez * Poured MSE wall coping south of t * Poured Baggage Handling Road st * Poured Gross-over rail track suppor installed underground conduit and * Completed 1st Street/Indiana inters * Installed curved track at 1st Street/ specialized rail track sections at the * Completed OCS pole foundations at * Installed Train Control interlocking Areas of Concern: Metro approved the rebaseline sche- subcontractor coordination for the re- utilization of resources. The current ROD.	Major Activiti * Entrance upper ex * Placement of acou * Install mechanical * Soto Station entra * Install CMU walls, * Install CMU walls, * Install exhaust ver * Construct track at * Fab. underground * Civil construction * Place cabinets an * Track installation * Segments 2B, 4B * Pull AC and DC w * String OCS wire a * Train Control equi Major Activiti * Mariachi Plaza Sta * Mechanical and el * Soto Station plata * Soto Station plata * Soto Station plata * Soto Station can * C&C rooms equi * TPS-01, 02 and 00 * OCS equipment a * Install Train Contr	terior walk ustical mat //electrical fire protect //electrical fire protect //electrical fire protect //electrical stations e at Indiana d junts Port stations e at Indiana d junts 101 and 5 guid fire along S ind place "(pipment inst es Next a. entrance exterior form deck a lectrical inst alete F.A.I. a stallation the inopy erect ipment inst 3 and Anci ind wire inst	s at Mariac erial at MF equipment nd emerge tion pipe a equipment ucture and al and Mar merg. fans and Pico/A oxes in A/Q Bridge Ov leway/traci Segments 6 C" arms in allation - S t Perioc or walls an nd CMU w and exhaus nroughout tion allation thr lliary Switc stallation-S	hi Plaza S PS mezzan at Mariach ncy exit # : nd acousti at Soto St cable tray riachi Plaza , escalator Ulso stations ercrossing k construct 5 and 7 Segments 1 I Iariachi Pla d roof slab alls at mea st concrete the alignm roughout al ch Gear co regments 2	ine in Plaza Sta 2 roof c finish at : ation at E. Porta a Station s & elevato s & elevato aza & Soto zz. level structure ent Il stations nstruction B, 3, 4A at	SS al ors ms inels d 6 Sta.	
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	04/01/09	-82
Elapsed Time from NTP:	1430 CD	Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	5	05/05 /08	01/05/09	-245
Option D Contract duration	90 CD Complete	Mitestone 5 - Vacate all staging areas and turn over to MTA.	05/30/ 0 9	5	06/04/09	08/25/09	-82
		Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0
Physical Percent Comple	Cost Summary: \$ In million				ons		
Physical completion * as of this repo		1. Award Value:	-			600.45	
		2. Executed Modifications: 10.64					
* Note: Physical completion assessment reflects work completed and work in progress.		3. Approved Change Orders: 0.80 4. Current Contract Value (1+2+3): 611.89 5. Incurred Cost: 508.36					

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CONTRACT E700051F STATUS

Description: 1st Street Bridge Strenghtening Contractor: The Griffith Company	Contract No. Status as of:					
Progress/Work Completed: * Bridge turned over to Metro on October 26, 2007	Major Activiti * None	es (In P	rogres	s):		
Areas of Concern: * None	Major Activiti * None	es Next	: Period	:		•
Schedule Summary:		Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award: 01/19/07 Notice to Proceed: 02/06/07	Notice to Proceed	02/06/07	0	02/06/07	02/06/07	0
Original Contract Duration:251 CDCurrent Contract Duration: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: Physical completion as of 11/14/07: 100.00% * * As reported by the City of Los Angeles, Department of Contract Administration	Cost Summal 1. Award Value: 2. Executed Modif 3. Approved Chan 4. Current Contract 5. Incurred Cost: * City of Los Angel	* ications: ge Orders: t Value (1-		\$ I	n millio 4.26 0.00 0.05 4.31 4.31	

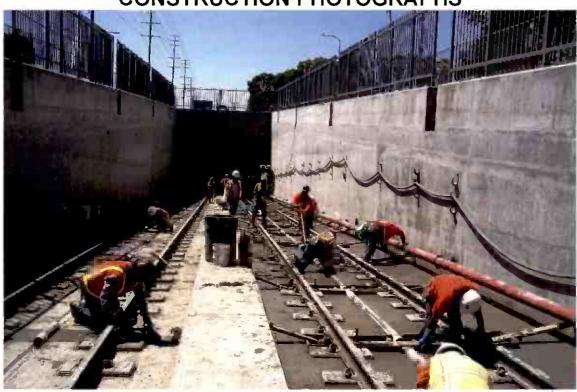
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CONTRACT P2550 STATUS

Description: 2550 Rail Ve	Contract No. P2550						
Contractor: Ansaldobred	a, Italy (AB)	Status as of: May 30, 2008					
 Progress/Work Completed: 1. As of June 6, vehicles 711 and 71 and are undergoing testing for accept 702 will be returned to Pittsburgh with from Pittsburg to Los Angeles. 2. Vehicle final assembly work contin 3. Shipment of foreign and domestic to arrive in Pittsburg, CA. 4. Vehicle shipment from Pittsburg to delivery of vehicle 711 on May 30th. to Pittsburg is ongoing. 5. Several Engineering meetings with progress and to close open items, ind 6. Vehicle 705 and 708 have been in since March 2008. 7. Vehicle No. 710 and 704 are the reflection of Concern: Since Vehicles 706 and 708 have been have experienced propulsion problem vehicles and interim corrective action 	 Major Activities (in Progress): Ansaldobreda's manufacturing plants in Pistopia and Naples, Italy continue to prepare carshells and subassemblies for shipment to U.S.A Pittsburg plant continues vehicle assembly work. Testing of Vehicles 710 & 704 is ongoing in Los Angeles for next vehicle acceptance. Pittsburg plant continues vehicle assembly work. A four day Project Meeting in Los Angeles with Ansaldobreda scheduled for May 6-9 has been held. Weekty project conference calls with Italy are ongoing to close open items. Major Activities Next Period: Several Technical Progress meetings will be held to emphasize the urgency of resolution of remaining critical items for final acceptance of vehicles. Cars 710 and 704 will continue final testing for Conditional Acceptance. AB to continue working propolusion issues and implement final corrective software and hardware. 						
			Quantity	Contract Total Quantity	Balance Due		
Schedule Summary:		Notice to Proceed 6/6/2003A					
Date of Award: Notice to Proceed:	04/24/03 06/06/03	Vehicles Assembled	31	50	19		
Original Contract Duration:	1442 CD	LRV Shipment to Commissioning Site - Note 2 Metro	11	50	1 39		
Elapsed Time from NTP:	1756 CD	LRV Accepted for Revenue Service by Note 1 Metro	2	50	48		
Note: Metro and Ansaldobreda agre		LRV in Revenue Service	2	50	48		
extended the Options ordering October 2008, A schedule of vehicle delivery which reflects vehicle shipmed December 2009.	* Note 1 - Vehicles No. 706 and 708 were conditionally accepted for Meto Gold Line operation only.						
Physical Percent Complet	te:	Cost Summary: 1. Award Value:		\$ In n	nillions		
Percent of LRVs assembled = 31/50 = 62%		1. Award Value: Pasadena (Proj. No.: 800151) Eastside Ext. (Proj. No.: 800088)					
Percent Work Product Invoice	Total Award Value 2 Executed Modifications 3 Approved Change Orders: 4 Current Contract Value (1 + 2 + 3): 5 Payments or invoices in process:			158.74 0.00 0.00 158.74 74.53			

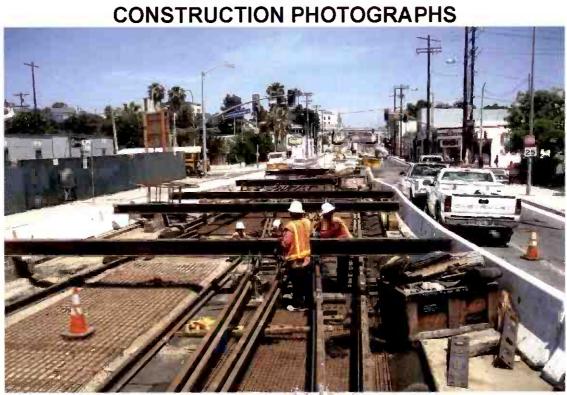


CONSTRUCTION PHOTOGRAPHS

Concrete placement for the WB track at the East Portal.



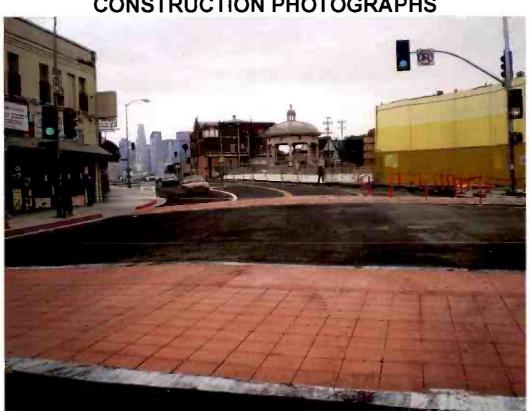
Pedestrian crosswalk at Pico/Aliso Station.



Construction of Segment 2B track crossover.



View of TPS-1 equipment foundations.



CONSTRUCTION PHOTOGRAPHS

Street restoration at Boyle Heights/Mariachi Plaza Station.



Emergency exit at Soto Station.



CONSTRUCTION PHOTOGRAPHS

View of Train Control Room at Atlantic Station.

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.

APPENDIX

LIST OF ACRONYMS

	Authorization For Francistan
AFE	Authorization For Expenditure
ATC	Automatic Train Control
	Computer Aided Drafting and Design
	California Department of Transportation
CD	Calendar Day
CM CMAQ	Construction Manager
	Congestion Mitigation Air Quality Change Notice
	Change Order
CNFPA	Concurrent Non-FFGA Project Activities
	Critical Path Method
CPUC	California Public Utilities Commission
	Camera Ready
CTC	California Transportation Commission
	Contract Unit Description
DB	Design/Build
DBB	Design/Bid/Build
DD	Design Development
DOT	Department of Transportation
DWP	Department of Water and Power
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPBM	Earth Pressure Balance Machine
ESP	Eastside LRT Partners
FAR	Federal Acquisition Regulation
FD	Final Design
FEIS	Final Environmental Impact Statement
FEIR	Final Environmental Impact Report
FFGA	Full Funding Grant Agreement
FIS	Financial Information System
FSEIR	Final Supplemental Environmental Impact Report
FSEIS	Final Supplemental Environmental Impact Statement
	Federal Transit Administration
FTE GDSR	Full Time Equivalent
IFB	Geotechnical Design Summary Report
IPO	Integrated Project Office
JV	Joint Venture
LA	Los Angeles
LABOE	Los Angeles Bureau of Engineering
LACFCD	Los Angeles County Flood Control District
LACMTA	Los Angeles County Metropolitan Transportation Authority
LADOT	Los Angeles Department of Transportation
	Leevingelee Department of manopolitation

May 2008

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APPENDIX

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LIST OF ACRONYMS (Continued)

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

APPENDIX

LIST OF ACRONYMS (Continued)

ROWRight-Of-WaySCAQMDSouthern California Air Quality Management DistrictSCESouthern California EdisonSCRRASouthern California Regional Rail AuthoritySHAState Highway AccountSHPOState Historic Preservation OfficeSITSystem Integration TestingSOVSchedule Of ValueSOWStatement Of WorkSPSpecial ProvisionSTIPState Transportation Improvement ProgramSTPSurface Transportation ProgramTBDTo Be DeterminedTBMTunnel Boring MachineTCRPTraction Power SubstationTRACSTransit Automatic Control SystemUFSUniversal Fare SystemUSDOTU.S. Department Of TransportationVEValue EngineeringWBSWork Breakdown StructureWPWork Package

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