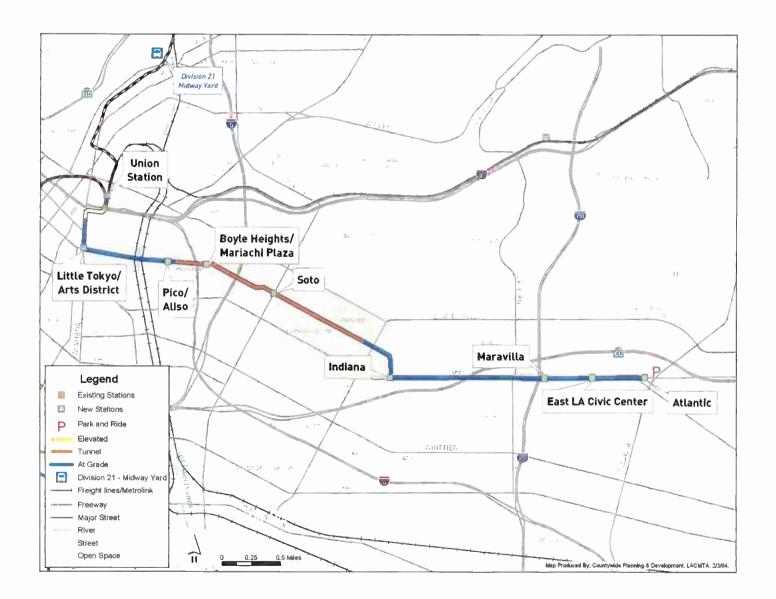
Los Angeles County Metropolitan Transportation Authority

MONTHLY PROJECT STATUS REPORT

# Metro Gold Line Eastside Extension

# May 2006





# 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 2006** 

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

# PROJECT OVERVIEW

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 1<sup>st</sup> Street Bridge over the Los Angeles River. The system will travel south on Alameda Street and then east on 1<sup>st</sup> Street with two stations at Alameda and Utah Streets. East of the Los Angeles River and 1<sup>st</sup> and Utah Streets, the alignment transitions to tunnel for approximately 1.7 miles, and continues beneath 1<sup>st</sup> Street to underground stations at 1<sup>st</sup> Street and Boyle Avenue and 1<sup>st</sup> Street and Soto Street. The alignment returns to the surface near the intersection of 1<sup>st</sup> Street and Lorena Streets, then jogs to the south, transitioning to follow 3<sup>rd</sup> Street with stations at Indiana Street, Ford Boulevard, Mednik Avenue and Pomona and Atlantic Boulevards.

As of the end of this reporting period, the Approved for Construction (AFC) drawings for Boyle Heights/Mariachi Plaza, Little Tokyo/Arts District and Pico/Aliso Stations were issued. The 100% final design packages for Soto, Little Tokyo/Arts District and Pico/Aliso Stations were reviewed and approved. Likewise, the 85% design package for Segment 3B was reviewed and approved. Also, the 85% Train Control design package was submitted for review. Trackway/Guideway, Traction Power, Overhead Contact System, Communications and the Train Control System are in the 100% final design phase. The Approved for Construction packages are underway for the following stations: Soto, Maravilla and Atlantic. Segments 2B, 4A, 6 and 7 are also in the Approved for Construction phase. The East L.A. Civic Center Station is in the 85% design phase and Segments 3A, 3B, 4B and 5 are in the 100% design phase.

The City of Los Angeles 1<sup>st</sup> Street Bridge Widening Project is in the final design and construction stage. There are three phases to the project; Phase I – Street Restoration, Phase II – Bridge Girder Strengthening, and Phase III – Bridge Widening. Phase I construction is well underway by the C0803 contractor. The remaining two phases are the responsibility of the City of Los Angeles. The Phase II construction bid documents are being assembled for issuance for bids in early July 2006. Phase III design is 90% complete and the process of securing all the necessary permits is underway.

The eastbound tunnel excavation is in the fourth month of operation and has progressed to 1,470 feet as of June 2, 2006. The westbound tunnel excavation has completed 439 feet during the first month of operation. Although progress has been slower than planned, the tunneling contractor expects the mining production rates and muck removal to increase once a rail switch is installed at the Boyle Heights/Mariachi Plaza Station. The increase in production should mitigate the tunneling delays experienced to date. Permeation grouting of the tunnel cross-passages are underway and proceeding to plan.

At the West Portal, the structural excavation and shoring is nearing completion. Placement of the mud mat and invert slab sections has begun.

At the Soto Station, concrete placement of the sub-invert and invert slabs has completed. This work is a predecessor for the tunnel boring machines to move through the station box for the continuation of tunnel mining.

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# PROJECT OVERVIEW

At the East Portal, the structural excavation and shoring are underway with an expected finish by mid-July 2006. The construction of the new Los Angeles County Crematorium access road has completed. The street widening at the north side of 1<sup>st</sup> Street is continuing.

The widening of the south side of 1<sup>st</sup> Street is underway between Alameda and Vignes Streets. Also, the north side of 3<sup>rd</sup> Street is being widened between Mednik and LaVerne Streets.

Various utility relocations are continuing along 1<sup>st</sup> Street, Lorena Street, Indiana Street and 3<sup>rd</sup> Street.

For Contract C0802 – US 101 Freeway Bridge Overcrossing Project, the Caltrans contractor is continuing with concrete placement on the middle section of the LRT bridge structure. Repairs for Bent No. 3 completed mid-May 2006, which allowed the column to be formed and poured. Also, false work started on the LRT bridge structure section towards Union Station.

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# MANAGEMENT ISSUES

**Issue No. 1:** City of Los Angeles 1<sup>st</sup> Street Bridge and Street Widening Project

<u>Status</u> Due to the lack of available funds and the lack of progress on their project, The City of Los Angeles has re-sequenced the construction work into four phases to eliminate schedule impacts to the Metro Gold Line Eastside Extension Project. The first phase will be street restoration, followed by girder strengthening, and then track installation and bridge widening.

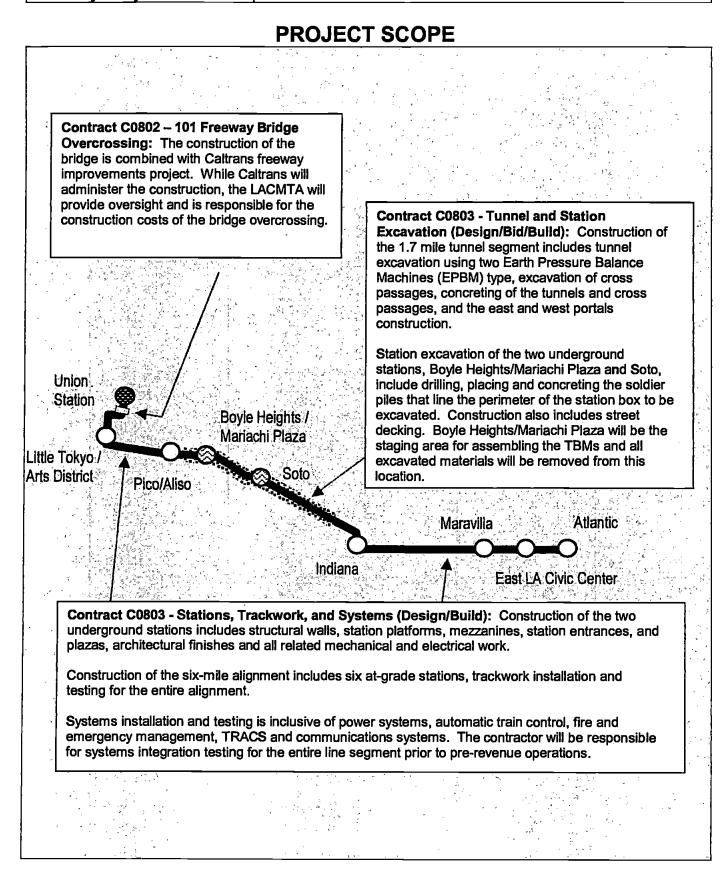
<u>Action</u> The street restoration began in April 2006 per the schedule. The City of Los Angeles is forecasting an early bridge turnover date to Metro for track installation by Metro's C0803 Contractor. Although the City has slipped the release of the girder strengthening bid documents to early July 2006, the early turnover date remains achievable.

Issue No. 2: Ramona Opportunity High School and Indiana Station

<u>Status</u> In September and December 2005, the Metro Board of Directors authorized funding to perform preliminary engineering and an environmental analysis to study the possible relocation of the Indiana Station to avoid or minimize impacts to the Ramona Opportunity High School site. While the studies are ongoing, Metro and the Los Angeles Unified School District (LAUSD) are continuing negotiations on the Land Exchange Agreement that will allow the construction of the Indiana Station on a portion of the school site. The earliest that the land exchange will occur is November 2006, six months beyond the access date for Metro's C0803 Contractor. The late access to the school property will not impact the Revenue Operations Date. Metro is continuing to work with the C0803 Contractor to minimize both design and construction impacts.

<u>Action</u> On May 3, 2006, the Metro Board of Directors approved a funding plan between Metro and LAUSD that will allow for the re-building of Ramona Opportunity High School and keep the Indiana Station at the location on Indiana Street, as approved in the FSIS/FSEIR Locally Preferred Alignment. Metro and LAUSD are drafting the Land Exchange Agreement, which includes the terms and conditions of the funding plan and cost sharing arrangements. On June 13, 2006, The Board of Education will consider LAUSD's staff recommendation for the Land Exchange/Funding Agreement. The Land Exchange/Funding Agreement requires approval by both parties.

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



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# **KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD**

	······································	S (0.53)	میں بیک انسان راہ ان	alle alle alle			29
	Milestone Date	May-06	Jun-06	Jul-06	Aug-06	<b>Sep-06</b>	Oct-06
Submitted Train Control 85% Design	05/26/06 *	Ó					
Completed Soto Station Invert/Sub-Invert and Removed Struts at Level 4	06/02/06 *		0				
Submit Trackway/Guideway 100% Design	06/15/06 *		0				
Submit Overhead Contact System 100% Design	06/15/06		0				
Complete West Portal Excavation	06/21/06 *		0				20 20 20 20 20 20 20 20 20 20 20 20 20 2
Complete Seg. 2A 1st Street widening (south side) between Alameda and Vignes Streets	06/23/06 *		0				a da da Antaria
Submit Segment 3B Civil 100% Design for Review	06/26/06		0				1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
City of Los Angeles Issue for Bid First Street Bridge Phase II Strenghtening Contract	07/01/06 *			$\boldsymbol{\mathbb{A}}$			2 2 2
Submit Traction Power 100% Design	07/14/06 *			0			ي الم الم الم
Complete East Portal Excavation	07/15/06 *			0			
Submit Communications 100% Design for Review	07/21/06			Ö			·
Eastbound EPBM Break Through at Soto Station	07/24/06 *			0			9 5 8 8
Caltrans Contractor to Complete Abutments and Bents 101 Freeway Bridge Overcrossing	08/01/06 *				$\boldsymbol{\triangle}$		
Complete 3rd Street Widening (North) between Mednik and La Verne Avenues	08/02/06				0		
Complete West Portal Invert Slab	08/03/06				0		
Submit Segment 5 Civil 100% Design	08/15/06 *				0		87 17 17
Westbound EPBM Break Through at Soto Station	08/21/06 *				0		v Santaria Santaria Santaria Santaria
Install Cross-over Switch at Soto Station	08/22/06 *				0		a faire and a second
Start Delivery of Track Rail to the Welding Yard	09/22/06					0	2000 S.
Complete East Portal Invert Slab	10/11/06						0
Start Tunnel Cross-Passage Work	10/16/06				_		0
LACMTA Staff Milestone      Eastside	e LRT Constructor	5		FTA	FTA A	pproval	1997 1997 1997
▲ Other Agencies ★ New Data	ite			Metro		TA Board A	pproval

Activity ID	Activity Description	Rem Dur	Early Start	Early 2005	2807 2800 2800
	Gold Line Eastside Extension	001			
		-	-		
	- Q & P for C0800 Elements				
lunnels	Contraction of the local division of the loc		-		
Construction					
Site Work	Domaus Da la Olla Espilitat	66 0	3JAN07	03MAY07	Remove Boyle Site Facilities
the second s	Remove Boyle Site Facilities	05 0	C.SPUILOT	USING TUT	A control of the random of the
East Bound Tu		-	-		
TKTEB040	Unnel Excavation and Lining Mine 750' - CP#1 ST200+00.00 - CP#2 ST207+50.00	8 12	ABOYAM	OBJUNOS	Mine 750' - CP#1 ST200+00.00 - CP#2 ST207+50.00
TKTEB165	MTA Directed Additional Probe Holes for EB		1JUN08	080CT08	MTA Directed Additional Probe Holes for EB
TKTEB045	Stop drive-install switches @ Mariachi Plaza Stn		SONDS	20JUN06	Stop drive-install switches @ Mariachi Plaza Stn
TKTEB050	Mine 870' CP#2 ST207+50.00- ST216+20.22 (EB)		1JUN06	12,101.06	Mine 870' CP#2 ST207+50.00- ST216+20.22 (EB)
TKTEB000	Mine 346' - ST216+20.22 - ST219+66.25(EB)		3.3.4.1.05	21JUL06	Mine 346' - ST216+20.22 - ST219+66.25(EB)
TKTBU230	Prep Soto for TBM Break In		3JUL06	26,101.06	Prep Soto for TBM Break In
TKTEB070	Walk 342' - TBM thru 1st/Soto Station (EB)		24JUL06	28JUL06	Walk 342' - TBM thru 1st/Soto Station (EB)
TKTEB080	Cutterhead/Inspect/Repair at 1st/Soto (EB)	-	JJUL06	04AUG05	Cutterhead/Inspect/Repair at 1st/Soto (EB)
TKTEB085	BREAK IN AT SOTO		7AUG06		BREAK IN AT SOTO
TKTEBOOD	Mine 250'- 1st/Soto ST223+07.75- ST225+57.75(EB)		7AUG08	14AUG08	Mine 250'- 1st/Soto ST223+07.75- ST225+57.75(EB)
TKTEB100	Mine 617'- ST225+57.75 -CP#3 ST231+75.00 (EB)		SAUG08	28AUG08	Mine 617'- ST225+57.75 -CP#3 ST231+75.00 (EB)
TKTEB110	Mine 750'-CP#3 ST231+75.00 -CP#4 ST239+25.00(EB)		9AUG06	15SEP06	Mine 750 -CP#3 ST231+75.00 -CP#4 ST239+25.00(EB)
TKTEB120	Mine 628 -CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)	11 1	8SEP06	0200706	Mine 628'-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)
TKTEB130	Mine 122'- SP#2 ST245+53.49 CP#5 ST246+75.00(EB)		300708	05OCT08	Mine 122- SP#2 ST245+53.49-CP#5 ST246+75.00(EB)
TKTEB140	Mine 725- CP#5.ST246+75.00 -ML ST254+00 (EB)	12 0	6OCT08	23OCT06	Mine 725'- CP#5 ST246+75.00 - ML ST254+00 (EB)
TKTEB150	Mine 600'- ML ST254+00 - Fresno ST260+00 (EB)	10 24	400706	06NOV06	Mine 600'- ML ST254+00 - Fresno ST260+00 (EB)
TKTEB160	Mine 433'- Fresno ST260+00 - ST264+33.2 (EB)	7 0	7NOV06	15NOV08	Mine 433'- Fresno ST260+00 - ST264+33.2 (EB)
TKTEB170	MINING EB TUNNEL COMPLETE	0		15NOV06	MINING EB TUNNEL COMPLETE
TKTEB180	Remove EB TBM/BU at East Portal	15 10	6NOV08	12DEC08	Remove EB TBM/BU at East Portal
TKTBU210	Remove Shaft Trackwork & Facilities at Mariachi	5 0	JAN07	10JAN07	Remove Shaft Trackwork & Facilities at Mariachi
East Bound Tr	unnel Invert				
TK CSE000	Order Manufacture & Deliver Invert formwork	60 0	7AUG08	30OCT08	Order Manufacture & Deliver invert formwork
TK CSE001	MOBILIZE SOTO SITE	0 0	6DEC06		MOBILIZE SOTO SITE
TK CSE003	Setup Concrete Facilities @ Soto Station	10 0	8DEC08	21DEC06	Concrete Facilities @ Soto Station
TK CSE005	Install Conc. Lines & Hoppers in Shaft	5 1	3DEC08	19DEC06	Install Conc. Lines & Hoppers in Shaft
TK CSE010	Lift Rail & Clean Invert (Heavy) (EB)	12 2	ODEC06	DBJAN07	Rall & Clean Invert (Heavy) (EB)
TK CSE020	Assemble/Install Invert Form (EB).	5 0	4JAN07	10JAN07	Mesemble/Install Invert Form (EB)
TK CSE040	Place/Finish Invert Concrete (EB)	32 1	1JAN07	26FEB07	Place/Finish Invert Concrete (EB)
TKCEE023	Move Concrete Operation to East Portal	10 20	6MAR07	06APR07	Concrete Operation to East Portal
TKCEE025	SOTO STATION TURNOVER BY TFK	0		08APR07	BOTO STATION TURNOVER BY TFK
TKCEE030	Final Invert Cleaning for Concrete (EB,SS-EP)	40 0	9APR07	01.JUN07	Final Invert Cleaning for Concrete (EB,SS-EP)
TKCEE040	Place/Finish Invert Concrete (EB,SS-EP)	46 0	9APR07	11JUN07	Place/Finish Invert Concrete (EB,SS-EP)
TKCEE090	Final Tunnel Cleaning for Turnover (EB)	15 1	6AUG07	06SEP07	Final Tunnel Cleaning for Turnover (EB)
rt Date ish Date	01JUN02 15JUL09 Progress Ba	M605	Metro	o Gold Line Eastside Extens	Sheet 1 of 6 Sion Date Revision Checked Approved
a Date 1 Date	20JUN06 14:02		L	T-26 Critical Path Schedule Current Forecast	01JUN06 May 2006 Schedule Update AA

PROJECT MASTER SCHEDULE

Activity	Activity	Rem	Early	Earty	2005		200	A CONTRACTOR OF THE
ID	Description	Dur	Start	Finish				
	Assemble/Install Walkway Form (EB)	1 3	25JAN07	29JAN07		Assemble/Install Wal	kway Form (EB)	
TK CSE060		33	30JAN07	16MAR07		Place/Finish Walk		
TK CSE080	Place/Finish Walkway Concrete (EB)	- 33	23APR07	26APR07			II Walkway Form (EB,S!	6 6 8
IKCEE060	Assemble/Install Walkway Form (EB,SS-EP)		30APR07	05JUL07			sh Walkway Concrete (E	
KCEE080	Place/Finlsh Walkway Concrete (EB,SS-EP)	48		05JUL07				
IKCEE070	Strip/Move/Set Walkway Form (EB,SS-EP)	45	03MAY07	0650007		Suiprinove	e/Set Walkway Form (EB	1,33-CT)
lest Bound Tu	unnel Iunnel Excavation and Uning		-					
KTBU180	Remove Thrust Frame & Bracing - WB TBM	1	15MAY06A	02JUN06	Remove	Thrust Frame & Bracing - Wi	BTBM	
IKTWB030	Mine 607' -ST194+17.55 - CP#1 ST200+24.22 (W8)		26MAY08A	30JUN06		07' -ST194+17.55 . CP#1 ST2		
IKTWB030	Mine 746' -CP#1 ST200+24.22-CP#2 ST207+70.40	12	03JUL06	19JUL06		746' -CP#1 ST200+24.22-CP#		
IKTWB050	Mine 849' -CP#2 ST207+70.40 - ST216+19.11 (W8)	15	20JUL06	0BAUG05		e 849' -CP#2 ST207+70.40 - S		
IKTWB050	Mine 347 - ST216+19.11 - ST219+66.25 (WB)	7	10AUG06	18AUG06	and the second se	e 347 - ST216+19.11 - ST219		
IKTWB000	Walk 342' - TBM thru 1st/Soto Station (WB)	5	21AUG08	25AUG08		lk 342' - TBM thru 1st/Soto S		
IKTWB070	Cutterhead/Inspect/Repair at 1st/Solo (WB)	5	28AUG08	01SEP06	1.1.1	Itterhead/Inspect/Repair at 1		
IKTWB085	BREAK IN AT SOTO (WB)	0	05SEP08	UTUETOU		REAK IN AT SOTO (WB)		
IKTWB085	Mine 250'-1st/Soto ST223+07.75 -ST225+57.75 (WB)	5	05SEP08	118EP08		ine 250'-1st/Soto ST223+07.7	5 -ST225+57.75 (WR)	
KTWB090	Mine 618' -ST225+57.75 - CP #3 ST231+76.18 (WB)	10	12SEP08	25SEP06		Aine 618' -ST225+57.75 - CP #		
IKTWB100	Mine 750'-CP#3ST231+76.18 -CP#4 ST239+26.18	12	26SEP08	110000		Mine 750'-CP#3ST231+76.18	the second s	8)
TCTWB120	Mine 628'-CP#4 ST239+26.18-SP#2 ST245+54.67	12	120CT08	2700706		Mine 628'-CP#4 ST239+26.1		
KTWB120	Mine 122'-SP#2 245+54.67- CP#5 ST246+76.18(WB)	2	300CT08	310CT08		Mine 122'-SP#2 245+54,67-		
	Mine 722-SP#2 245+54.07- CF#5 S1240-10.16(WB) Mine 724'-CP#5 ST246+76.18 - ML ST254+00 (WB)	12	01NOV06	16NOV06	A DESCRIPTION OF A DESC	Mine 724'-CP#5 ST246+76		
TKTWB140	Mine 600'-ML ST254+00 - Fresho ST260+00 (WB)	10		01DEC06		Mine 600'-ML ST254+00 -		
		6	04DEC08	11DEC06		Mine 433'-at Fresno ST2		4
TKTWB160	Mine 433'-at Fresho ST260+00 - ST264+33.2 (WB)	0	UNDECOD	11DEC08		MINING WB TUNNEL C		1
	MINING WB TUNNEL COMPLETE	13	12DEC06	02JAN07		Remove WB TBM/BU a		
TKTWB180	Remove WB TBM/BU at East Portal	0		UZJANUT			TION TURNOVER BY TH	EW.
IKTWB190	MARACHI PLAZA STATION TURNOVER BY TFK	U	USJANUT			THARAGEN PLACA 31A	ITON TORNOVER BT TR	<b>N</b>
West Bound 1		12	20DEC06	COLIANO7		I Ift Rail & Clean Invert	(Hama) (MB)	
TK CSW040	Lift Rail & Clean Invert (Heavy) (WB)	5		11JAN07		semble/Install Inver		
TK CSW050	Assemble/Install Invert Form (WB)			20FEB07		Final Invert Cleanin		
TK CSW080	Final Invert Cleaning for Concrete (WB)	27	12JAN07	20FEB07		Place/Finish Invert	-	
TK CSW070	Place/Finish Invert Concrete (WB)	32	12399007 18JAN07	05MAR07		rip/Move/Set Inve		
TK CSW080	Stnp/Move/Set Invert Form (WB)	32	TOTAINOL	VOWIARQY		the strand and a set that		
	Funnel Walkway	3	26JAN07	30JAN07		Assemble/Instali Wal	way Form (MB)	
TK CSW090	Assemble/install Walkway Form (WB)		20.JP007	15MAR07		Strip/Move/Set Wa		
TK CSW100	Strip/Move/Set Walkway Form (WB)	31		15MAR07 23MAR07		Place/Finish Wall		
TK CSW110	Place/Finish Walkway Concrete (WB)	33	07FEB07	COMPTON A		- Pracey Linizh Mali	way Couciers (AAD)	
rcht./Mech./E								
	Jumbing/Equip/Metals	00	OSJUL07	03ALIG07		Install In	et Standpipe @ 200'/Day	(FR Soto FR
TK09WEE10	Install Wet Standpipe @ 2001/Day (EB, Soto-EP)	21		10AUG07		7	alkway Handrail @ 300'	
TK11WEE20	INSTL Walkway Handrall @ 300'/Day (EB, Soto-EP)		24JUL07	1040/307			raikway nanujali @ 300	roay (co, 5010-cP)
Date	01JUN02	MG			Sheet 2 of 6		Develop	Charling America
Date	15JUIL09 01JUN06				stside Extension	01JUN05 May 2006 Schedule U	Revision	Checked Approved AA
Date	20JUN06 14:02	trvity		Current				

# Metro Gold Line Eastside Extension Monthly Project Status Report

May 2006

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Activity	Activity	Rem	Earty	Earty	2006 2000
ID TK10WEE30	Description Test Wet Standpipe (EB, Soto-EP)	Dur 3	Start 13AUG07	Finish 15AUG07	A Test Wet Standpipe (EB, Soto-EP)
		-	1340301	1340007	stor the only phe (ED, SOLAE)
Electrical/Ligh	ting Electrical Work Mariachi Plaza to Soto Station	20	07SEP07	04OCT07	Electrical Work Mariachl Plaza to Soto Station
A2ELC TL05			07SEP07 05OCT07	290CT07	Electrical Work Soto Station to East Portal
A2ELC TL10	Electrical Work Solo Station to East Portal	17	0500107	2800107	CRECITCAL WORK SOLD Station to Cast Portal
	- Q & P for C0801 Elements				
	rground Station	-	_	-	
, ,	Marlachi Plaza	_	_		
Excavation and		4.0	0.144407		BINETI C Dilas (ODiras Ana (004)
A2ES BL005	INSTL S Piles @Plaza Area (801)	15		30JAN07	INSTL S Piles @Plaza Area (801)
A2ES BL018	INSTL S Piles Stair No.7,8/Vent Area/Exits(801)	15		27FEB07	INSTL S Piles Stair No.7,8/Vent Area/Exits(801)
A2ES BL010	INSTL Temp. Deck System Plaza area (801)	20	31JAN07	06MAR07	INSTL Temp. Deck System Plaza area (801)
A2ES BL020	INSTL Temp. Deck System Stair/Vent/Exit (801)	20	28FE807	05APR07	INSTL Temp. Deck System Stair/Vent/Exit (801)
A2ES BL015	Structure Exca/Support Plaza area (801)	30	13MAR07	26APR07	Structure Exca/Support Plaza area (801)
A2ES BL022	Struct Exca/Support Stalr No.7,8/Vent/Exits(801)	15	06APR07	26APR07	Struct Exca/Support Stair No.7,8/Vent/Exits(801)
Concrete / Stri					
A3SC BL025	Mariachi Sta Lower Ext. Walls 12 to 9 & End Wall	20		29MAY07	Mariachi Sta Lower Ext. Walls 12 to 9 & End Wall
A3SC BL055	Mariachi Sta Plaza Area / Exhaust Plenum #3 Slab	20	30MAY07	27JUN07	Mariachi Sta Plaza Area / Exhaust Plenum #3 Slab
A3SC BL085	Mar Plaza Upper Ext. / Exhaust Plenum #3 Wall	20	26JUN07	27JUL07	Mar Plaza Upper Ext. / Exhaust Plenum #3 Wall
A3SC BL105	Mar Plaza Landing Slab / Roof 16-13 / Exhausi #3	20	30JUL.07	27AUG07	Mar Plaza Landing Slab / Roof 16-13 / Exhaust #3
A3SC BL160	Mariachi Sta Plaza / Exhaust #3 Ext. Upper Wall	20	28AUG07	26SEP07	Mariachi Sta Plaza / Exhaust #3 Ext. Upper Wall
A3SC BL170	Elevator/Skylight Shaft/F.A.I, #3 / Exhaust Wall	20	27SEP07	25OCT07	Elevator/Skylight Shaft/F.A.t. #3 / Exhaust Wall
A3SC BL175	Mariachi Sta Emergency V. Shaft #3 Wall	15	260CT07	15NOV07	Mariachi Sta Emergency V. Shaft #3 Wall
A3SC BL180	Mariachi Sta Plaza Sloping Roof and Top Roof	15	16NOV07	110EC07	Mariachi Sta Plaza Sloping Roof and Top Roof
A3SC BL220	Mariachi Sta Plaza Stairway #2	15	12DEC07	OSJANOS	Mariachi Sta Plaza Stairway #2
A3SC BL225	Mariachi Sta Plaza Stairway #1	15	09JAN08	05FEB08	Mariachi Sta Pjaza Stairway #1
Archt/Finishe	s (Mezzanine Level)				
A3ARCBW050	INSTL Mezzanine Floor Pavement/Stair (MW)	20	06FEB08	13MAR08	INSTL Mezzanine Floor Pavement/Stair (MW)
A3ARCBW060	INSTL Doors/Hand Rails/Painting-Mezzanine (MW)	20	14MAR08	16APR08	INISTL Doors/Hand Rails/Painting-Mezzanine (MW)
ASARCBW065	INSTL Furnishing/Signs-Mezzanine (MW)	20	17APR08	16MAY08	INSTL Furnishing/Signs-Mezzanine (MW)
Electrical/Ligh	ling				
A3EL BW015	Rough Electrical (Conduit, Boxes, Wining) MW	100	17APR08	15DEC08	Rough Electrical (Condult, Boxes, Wiring) MW
A3EL BW025	Erec. Finish (Fixtures/Switches/Switch Panel) MW	160	19MAY08	22JAN09	Enc. Finish (Fixtures/Switches/Switch Panel) MW
Punch List Ma	riachi Plaza Station Area for MS1				
	Preparation Punch List Mariachi Sta for MS#1	20	23JAN09	27FEB09	Preparation Punch List Mariachi Sta for MS#1
Soto Station	the second s	-			
Excavation an	d Support		-		
AZES STO60	Remove Lowest Level Struts @Soto Station	2	15MAY06A	05JUN06	Remove Lowest Level Struts @Soto Station
AZES ST020	Install S Piles Plaza & Plenum (SS, 801)	15	09APR07	30APR07	Install S Piles Plaza & Plenum (SS, 801)
AZES STO22	Place Temp Deck System @ SS (801)	15	02MAY07	22MAY07	Place Temp Deck System @ SS (801)
A2ES ST050	Struct Exca/Support Plaza&Plenum @Soto Sta (801)	20	23MAY07	21JUN07	Struct Exca/Support Plaza&Plenum @Soto Sta (801)
	Contraction of the second	20			
Dale	01JUN02	IMGO	5		Sheet 3 of 6
h Date	15JUL09			o Gold Line I	Extension Date Revision Chacked Approved
Date	01JUN06 Progress	Dal		T-26 Critical	

PROJECT MASTER SCHEDULE

Activity ID	Activity Description	Rem Dur	Early Start	Early Finish	2005 200	•	2007	2008	2000
Concrete / Stru		UUI	Start	( MASH					
3SC SS015	Soto Sta Place, Exterior Walls 4-9	20	09APR07	08MAY07			Soto Sta Pla	ce, Exterior Walls 4-9	
3SC SS010	Solo Sla Place Sump Pit Invert Conc Hammer Heads	20	09APR07	08MAY07			Soto Sta Pla	ice Sump Pit Invert Con	c Hammer Heads
3SC SS030	Lower interior walls 11-12	20	09MAY07	07JUN07				erlor walls 11-12	
3SC SS020	Soto Sta Place Exterior Walls 9-12, End Wall	20	09MAY07	07.JUN07			P 1 4	Place Exterior Walls 9-1	2. End Wall
3SC \$5040	Soto Sta Place Mezzanine Slab 4-9, Entrance Slab	30	09MAY07	21.JUN07			¥	Place Mezzanine Slab 4	
3SC SS025	Soto Sta Place Exterior Walls 1-4. End Wall	20	08JUN07	09JUL07			474	Place Exterior Walls 1	
3SC SS045	Soto Sta Place Mezzanine Slab 9-12	30	22JUN07	07AUG07			<b>T</b>	Sta Place Mezzanine Sla	
3SC SS055	Soto Upper Exterior Walls 4-9 Entrance Wall	30	22JUN07	07AUG07			V Contraction	Upper Exterior Walls 4-9	
3SC SS035	Lower interior walls 1-2	15	10JUL07	30JUL07				interior wails 1-2	
3SC SS050	Soto Sta Place Mezzanine Slab 1-4, Entrance Slab	30	08AUG07	20SEP07					Slab 1-4, Entrance Slab
3SC SS060	Soto Upper Exterior Walls 9-12 /Air Plenum/ Exil	30	08AUG07	20SEP07			the second se	to Upper Exterior Walls	
3SC \$5000	Soto Sta Place Roof for 4-9 Entrance Roof	30	08AUG07	20SEP07				to Sta Place Roof for 4-	
3SC SS075	Soto Upper Exterior Walls 1-4 /Entrance Wall	30	21SEP07	02NOV07				Soto Upper Exterior Wa	
		30	21SEP07	02NOV07				Soto Sta Place Roof for	
3SC SS080	Soto Sta Place Roof for 9-12 /Air Plenum/ Exit	30	213EP07	19DEC07	Contraction of the			Soto Sta Place Roof	
3SC SS085		20	18FEB08	25MAR08				Platform walls	
3SC SS090	Platform walls 5-11	20	26MAR08	24APR08				Platform wa	
3SC \$\$095	Platform walls 1-5	+ +						Platform sia	
3SC SS100	Platform slab 5-11	20	26MAR08	24APR08					
3SC SS105	Platform slab 1-5	20	25APR08	27MAY08		Stal-ways/East	sister Clasing Inc	Platform :	Slad 1-9
3SC SS120	Stairways/Escalator Sloping Invert (Platform)	17	28MAY08	20JUN08		Stairy/ays/Esca	alator Sloping Inv	ert (Fattorn)	
	s (Platform Level)								
BARCSS005		30	20DEC07	15FEB08				7 8.10	Wetal Ceiling (SS)
3ARCSS010		17	28MAY08	20JUN08			D		latform Edge Pavement (SS)
3ARCSS015		20	23JUN08	22JUL08	PN:			air Granite (SS)	
3ARCSS020		20	23JUL08	20AUG08				ing-Platform (SS)	
3ARC\$S025	INSTL Bench/Furnishing/Signs-Platform (SS)	20	23JUL08	20AUG08		INSTL Ben	ch/Furnishing/Si	gns-Platform (SS)	
vcht./Finishes	s (Mezzanine Level)								
JARCSS040		30		15FEB08				NSTL Mezzanin	e Metal Celling (SS)
3ARCSS045	INSTL Mezzanine Floor Pavement/Stair Granite(SS)	20	11APR08	12MAY08			Pavement/Stair G	3 . 4 4	
3ARCSS055	INSTL Doors/Hand Rails/Painting-Mezzanine (SS)	20	13MAY08	11JUN08	ILST		Rails/Painting-Me		
3ARCSS060	INSTL Furnishing/Signs-Mezzanine (SS)	15	21AUG08	12SEP08		INS	TL Furnishing/Sig	ns-Mezzanine (SS)	
Aechanical/Pli	umbing/Equip/Metals								
3MECSS020	INSTL Fire Protection - Mezzanine Level	30	18FEB08	10APR08				INSTL Fire P	rotection - Mezzanine Level
3MECSS010	INSTL HVAC/Plumbing · Mezzanine Level	60	18FEB08	27MAY08	IN	STL HVAC/Plun	nbing - Mezzanin	e Level	
3MECSS015	INSTL Fire Protection - Platform Level	30	11MAR08	25APR08					Protection - Platform Level
3MECSS005	INSTL HVAC/Plumbing - Platform Level	60	11MAR08	12JUN08	and the second s	INSTL HVAC/F	Plumbing - Platfor	m Level	
lectrical/Ligh	ting								
SEL SS030	Erec. Finish (Fixtures/Switches/Switch Panel) SS	85	21AUG08	29DEC08		Erec. Finish (	(Fixtures/Switche	s/Switch Panel) SS	
SEL SS015	Rough Electrical (Conduit, Boxes, Wiring) (SS)	95	21AUG08	19JAN09		Rough Ele	ctrical (Conduit,	Boxes, Wiring) (SS)	
				۹L,	1 0.0				
Date	01JUN02	MIGO				at 4 of 6	_	Revision	Checked Approved
Date	15JUL09 01JUN06				astside Extension	Date 01JUN06	May 2006 Schedul		Checked Approved AA
ate	20JUN06 14:02	WIN .		T-26 Critical Current	Path Schedule				

Activity ID	Activity Description	Rem Dur	Early Start	Early Finish	2005 20		2067	2006	
Punch List S	oto Station Area for MS1								Ý
A3PC1 SS05	Preparation Punch List Solo Sta Area for MS#1	20	21JAN09	25FEB09			Preparation Punch L	ist Soto Sta Are	a for MS#1
verhead Co	ntact System (OCS)								
Tension Sectio	on 4								
Construction				_					
OCTL4010	Sta 217+32-277+84 Install OCS Poles	- 1	23APR08	23APR08				Sta 21	7+32-277+84 Install OCS Poles
OCTL4020	Sla 217+32-277+84 Del to Site/Instl C Arms	3	24APR08	28APR08		Sta 217+32-2	77+84 Del to Site/Instl	C Arms	
ension Section	on 5								
Construction								V	
OCTL5020	Sta 274+02-312+41 Del to Site/Instl C Arms	29	01MAY08	13JUN08		Sta 274+02-3	312+41 Del to Site/Inst	I C Arms	
OCTL5030	Sta 274+02-312+41 String Wire	- 4	16JUN08	19JUN08					274+02-312+41 String Wire
OCTL5040	Sta 274+02-312+41 Instl Sec Insulators/Comp	30	20JUN08	05AUG08		Sta 274+02-	312+41 Insti Sec Insul	ators/Comp	
OCTL5050	Sta 274+02-312+41 Tension Wire	4	06AUG08	11AUG08					Sta 274+02-312+41 Tension V
raction Powe	er System		_						
raction Powe	r Station TPS-03								
Construction									
A3TP P3005	TP-03 Clear & Grade Site	10	27MAR08	11APR08				1	lear & Grade Site
A3TP P3020	TP-03 Excavate & Install Duct Banks w/in Site	10	14APR08	25APR08	TP	P-03 Excavate &	& Install Duct Banks w	/In Sitel	
A3TP P3015	TP-03 Install Ground Grid & Test	10	28APR08	13MAY08					Install Ground Grid & Test
ASTP P3030	TP-03 Construct Foundations/Fence	20	14MAY08	12JUN08				TP-	03 Construct Foundations/Fen
A3TP P3060	INSTL Emergency Generator	20	13JUN08	14JUL08					ISTL Emergency Generator
A3TP P3055	TP-03 - Cabling and Termination w/in site	10	15JUL08	28JUL08		TP-03	- Cabling and Termina	ation w/in site	
esting									
Communicatio	on System								
Field Accepta	ince Tests								
ST538	Test CTS System	18	25AUG08	19SEP06					Test CTS System
ST534	Test Civic Center Station 385+00	10	12SEP08	25SEP08			Test Civic Cente	er Station 385+	
ST535	Test Atlantic Station 405+00	10	16SEP08	29SEP08					Test Atlantic Station 405+0
Integration / F	Field Tests		1.00						Ý
ST541	Test Comm System Integration Test System Wide	30	308EP06	11NOV08		Test Com	m. System Integration	Test System W	ide de la companya de
rain Control									
Field Accepta		-							
ST110	Test Soto Station Train Control Room 221+00	3	23JUN08	25JUN08		Test Soto Si	tation Train Control Re	oom 221+00	
	/ Acceptance Tests				Constraints.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
ST285	Train Ctrl - ATP Dynamic / Acceptance Test	20	26JUN08	25JUL08		Train Ctrl	- ATP Dynamic / Acce	ptance Tester	
Integration / F									
ST280	Train Control System Integration Test	40	28JUL08	24SEP08		TI	rain Control System In	tegration Test	
EMI Tests									
ST290	Test Train Control EMI Test System Wide	20	12NOV08	12DEC08			Test Train Control E	MI Test System	Wide
	Reliability Demonstration Test		1.1						Y
ST300	Test Train Control Reliability Test System Wide	20	15DEC08	21JAN09			est Train Control Relia	bility Test Syste	em Wide
Date	01JUN02 Early Bar	MGO				el 5 of 6			1 Photos I in
Date Date	15JUL09 D1JUN06 Progress Ba				Eastside Extension Path Schedule	Date 01JUN08		Revision	Checked Approv
Date	20JUN06 14:02 Critical Activ			1-20 CHUCA	radi schedble		and the second sec		

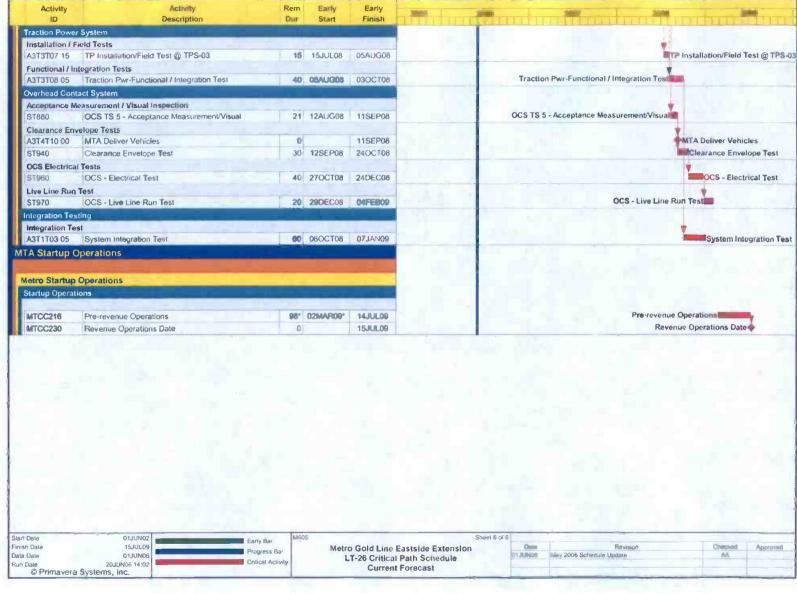
# Metro Gold Line Eastside Extension Monthly Project Status Report

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May 2006

Monthly Project Status Report	Metro Gold Line Eastside Extension
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# PROJECT MASTER SCHEDULE CRITICAL PATH (6 of 6)



# **CRITICAL PATH NARRATIVE & PROJECT STATUS**

#### **Current Critical Path Analysis**

The eastbound tunnel excavation is now in the fourth month of operation and although progress has been slower than planned, tunneling production rates are expected to increase, since personnel training has been completed and the westbound tunnel excavation is well under way. Mitigation plans to build a rail switch at the Boyle Heights/Mariachi Plaza Station to improve muck removal may be implemented as early as next period. Metro and the C0803 contractor will continue to reevaluate the overall schedule, including the latest projected production rates as provided by the tunneling contractor. Metro remains confident that any delay in schedule can be mitigated without impacting any of the project completion milestones, including the Revenue Operations Date

The excavation of both tunnels, the construction of the tunnel invert and walkway are on the critical path. After tunnel excavation completes, the critical path becomes the construction of Mariachi Plaza Station, construction of Soto Station, and the installation of the overhead contact system for the underground alignment. System equipment installation such as overhead contact system, traction power, 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.

#### Design

During this reporting period, the Approved for Construction (AFC) drawings for Boyle Heights/Mariachi Plaza, Little Tokyo/Arts District and Pico/Aliso Stations were issued. The 100% final design packages for Soto, Little Tokyo/Arts District and Pico/Aliso Stations were reviewed and approved. Likewise, the 85% design package for Segment 3B was reviewed and approved. Also during the reporting period, the 85% Train Control design package was submitted for review. The following facility design packages and the system design packages are in progress:

- Facility Design Packages:
  - 1. Soto Station, Maravilla Station and Atlantic Station AFC packages,
  - 2. East L.A. Civic Center Station 85% design,
  - 3. Indiana Station 85% design,
  - 4. Segments 2B, 4A, 6 and 7 AFC packages,
  - 5. Segments 3A, 4B and 5 100% civil design, and
  - 6. Segment 3B 100% civil design.
- System Design Packages:
  - 1. Trackway/Guideway 100% design,
  - 2. Traction Power and Overhead Contact System 100% designs,
  - 3. Communication Systems 100% design, and
  - 4. Train Control System 100% design.

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# **CRITICAL PATH NARRATIVE & PROJECT STATUS**

This reporting period, the Metro Board approved a funding plan for the Ramona Opportunity High School Re-build that allowed the recommencement of design of all work in the Segment 4B, including the Indiana Station which will be located on a portion of the school site that is yet to be acquired.

The City of Los Angeles 1<sup>st</sup> Street Bridge Widening Project is in the final design and construction stage. There are three phases to the project: Phase I – Street Restoration, Phase II – Bridge Girder Strengthening, and Phase III – Bridge Widening. The C0803 contractor is progressing with Phase I construction according to plan. The remaining two phases are the responsibility of the City of Los Angeles. The Phase II construction bid documents are being assembled for issuance for bids in early July 2006. Phase III design is 90% complete and the process of securing all necessary permits continues per schedule.

## Construction

The eastbound tunnel excavation has progressed to 1,470 feet and the westbound tunnel excavation progressed 439 feet, as of the end of this reporting period. Permeation grouting of the tunnel cross-passages is proceeding per schedule. The tunnel subcontractor started planning the installation of a rail switch in the Boyle Heights/Mariachi Plaza Station, which will improve mining production rates.

At the Soto Station, concrete placement for the sub-invert and invert slabs was completed, which allowed for the removal of lower level struts and walers. This work is a predecessor for the EPBM's to move through the station box structure and to continue with tunneling.

At the West Portal, the structural excavation and shoring is nearing completion. Placement of mud mat and invert sections started this reporting period.

At the East Portal, the structural excavation and shoring is well under way with an expected completion by mid-July 2006. The construction of the Los Angeles County Crematorium access road was completed this reporting period and the widening of 1<sup>st</sup> Street at the north side is continuing.

The widening of the south side of 1<sup>st</sup> Street between Alameda and Vignes Streets is proceeding per schedule. Also, the north side of 3<sup>rd</sup> Street is being widen between Mednik and La Verne Streets.

Along Alameda Street, construction is proceeding per schedule. The CMU wall outside the LADWP Yard was demolished and the 36" RCP storm drain line was completed this reporting period. Also, sewer lines at several intersections are being constructed.

Various utility relocations are continuing along 1<sup>st</sup> Street, Lorena Street, Indiana Street and 3<sup>rd</sup> Street.

# **CRITICAL PATH NARRATIVE & PROJECT STATUS**

The C0803 contractor continued Phase 1 (Street Restoration) construction of the City of Los Angeles 1<sup>st</sup> Street Bridge Widening Project.

For Contract C0802 – US 101 Freeway Bridge Overcrossing Project, the Caltrans contractor is continuing with concrete placement on the middle section of the LRT bridge structure. Repairs for Bent No. 3 footing were completed mid-May 2006, which allowed for the column to be formed and poured. Also, false work started on the LRT bridge structure section towards Union Station.

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

# **PROJECT COST STATUS**

ELE-	ATTERNITION .	ORIGINAL	CURREN	T BUDGET	COMMIT	ENTS	EXPEND	TURES	CURRENT	FORECAST	BUDGET
MENT	DESCRIPTION	BUDGET	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TODATE	PERIOD	TO DATE	FORECAST
С	CONSTRUCTION	633,221	-	662,391	55	642,483	6,419	256,954	-	662,391	-
8	SPECIAL CONDITIONS	19,494		20,329	· · /	15,486	215	15,267	-	20,329	•
R	RIGHT-OF-WAY	40,358	•	41,742	•	41,563	253	37,535	•	41,742	
P	PROFESSIONAL SERVICES	135,304	-	135,936		97,677	1,522	88,023	•	135,936	
PC	PROJECT CONTINGENCY	60,254		28,249	•		•	•		28,249	•
PR	PROJECT REVENUE	(4,617)	•	(4,533)	•		(2)	(41)	-	(4,633)	-
	SUBTOTAL	884,014		884,014	55	797,210	8,407	397,738		884,014	
PF	PROJECT FINANCE COST	14,800	· ·	14,800	(478)	(2,708)	(478)	(2,708)		14,800	•
ME 11	TOTAL	898,814	24 S	898,814	(423)	794,501	7,929	395,030		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 decreased by \$0.4 million this period due to interest income received associated with the Project Finance Cost. 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 \$794.5 million in Commitments to date represents 88.4% of the Original Budget.

#### Expenditures

Expenditures are cumulative through April 2006. The Expenditures increased by \$7.9 million this period primarily due to construction costs associated with Contract C0803 – Tunnel, Stations, Trackwork, and Systems. The \$395.0 million in Expenditures to date represents 44.0% of the Original Budget.

# **PROJECT COST STATUS**

ELE-		ORIGINAL	CURRENT	T BUDGET	COMMIT	NENTS	EXPEND	EXPENDITURES		FORECAST	BUDGET /
MENT	DESCRIPTION	BUDGET	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TODATE	FORECAST
C	CONSTRUCTION	18,000	•	18,000	55	8,083	241	1,340	•	18,020	20
S	SPECIAL CONDITIONS			-		-	•	· · ·			•
R	RIGHT-OF-WAY	•		-	•	- 1	•	•	-	-	•
P	PROFESSIONAL SERVICES		-		-	-	-	-	•	•	•
PC	PROJECT CONTINGENCY			-		8	-	-	*		•
PR	PROJECT REVENUE	-	-	-	-	(20)	•	-	•	(20)	(21
•	SUBTOTAL	18,000	•	18,000	55	8,063	241	1,340	•	18,000	
PF	PROJECT FINANCE COST	-	-	-	-	-		-	-	-	-
11. C	TOTAL	18.000	1000	18,000	55	8,063	241	1,340	A NOTE	18,000	en lle.

# **PROJECT COST ANALYSIS**

#### **Original Budget**

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

#### **Current Budget and Current Forecast**

The Current Budget and Forecast remains the same at \$18.0 million.

#### **Commitments**

The Commitments increased by \$0.1 million this period due to executed contract modifications for Traction Power Sectionalization. The Commitments to date are \$8.0 million and represent 44.8% of the Original Budget.

#### Expenditures

The Expenditures increased by \$0.2 million this period due to work performed on Phase 1 of the City of Los Angeles 1s Street Bridge Widening project and urban design elements. The \$1.3 million in Expenditures to date represents 7.4% of the Original Budget.

#### FINANCIAL/GRANT STATUS - ORIGINAL SCOPE ACTIVITIES

MAY 2006		STAT	US OF FUNI	DS BY SO	URCE			n \$ million	5
SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) COMMITM	(D/B) MENTS	(E) EXPENDI	(E/B)	(F) BILLED to SOUR	(F/B) FUNDING
		ANTICIPATED	AVAILABLE	\$	%	\$	%	\$	%
EDERAL - SECTION 5309 NEW START (1)	490.7	490.7	155.2	403.9	82%	172.7	35%	172.7	35%
ED - SECTION 5309 FIXED GUIDEWAY	23.1	12.0	12.0	12.0	100%	12.0	100%	12.0	100%
EDERAL - CMAQ	10.3	10.3	10.3	10.3	100%	10.3	100%	10.3	100%
EGIONAL IMPROVMNT PROG-FED	179.6	4.6	4.6	4.6	100%	4.6	100%	4.6	100%
EGIONAL IMPROVM PROG-STATE	0.6	175.6	44.2	175.8	100%	44.2	25%	44.2	25%
TATE TCRP	45.0	45.0	45.0	45.0	100%	45.0	100%	45.0	100%
ROP A 35% / PROP C 40%	124.6	135.7	135,7	135.7	100%	98.9	73%	76.7	57%
EASE REVENUES	10.1	10.1	10.1	10.1	100%	10.1	100%	10.1	100%
CCRUALS									
UB-TOTAL	884.0	884.0	417.1	797.2	90%	397.7	45%	375.6	42%
ROP A/PROP C (INTEREST COST)	14.8	14.8	2.0	-2.7	-18%	-2.7	-18%	-2.2	-15%
OTAL	898.8	898.8	419.1	794.5	88%	395.0	44%	373.3	42%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH APRIL 2006.

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

#### STATUS OF FUNDS ANTICIPATED

**FEDERAL SECTION 5309 NEW STARTS:** LACMTA received an appropriation of \$59.5M for FY05. Grants have been executed and funds are available for drawdown. FTA revised the FY06 apportionments showing the FY06 allocation for the Eastside Extension will be \$78,408,000. LACMTA submitted the FTA grant application in the Transportation Electronic Award and Management (TEAM) System on March 7,2006. The Grant was approved by FTA on April 17, 2006 and funds are available for drawdown.

**RIP-STATE:** LACMTA submitted a request for an AB 3090 reimbursement allocation of \$43.8 M in STIP funds to the CTC for consideration at their July 2006 meeting.

**STATE TCRP:** On April 3, 2003 the California Transportation Commission approved LACMTA's request to amend the STIP to convert \$191M of unallocated TCRP funds to STIP funds. On August 25, 2003, LACMTA submitted a request for AB1335 Letter of No Prejudice (LONP) authority for Phase 4 construction activities. In 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 reimbursements prior to phase completion. LACMTA is requesting to liquidate the LONP with an allocation request of \$166.9M to be considered by the CTC at their July 2006 meeting.

#### FINANCIAL/GRANT STATUS

#### **CONCURRENT NON-FFGA PROJECT ACTIVITIES**

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) COMMITM	(D/B) IENTS	(E) EXPENDIT	(E/B)	In \$ million (F) BILLED to SOUR	(F/B) FUNDING
		ANTICIPATED (1)	AVAILABLE	S	%	\$	%	\$	%
EDERAL - CMAQ	14.0	0.0							
ROP C 40%	0.0	14.0	14.0	8.0	57%	1.3	10%	1.1	8%
ROP C 10%	4.0	4.0	4.0		0%		0%		0%
CCRUALS				7				a 14	~ 1
DTAL	18.0	18.0	18.0	8.0	44%	1.3	7%	1.1	6%

(1) Based on March 2005 Board Report

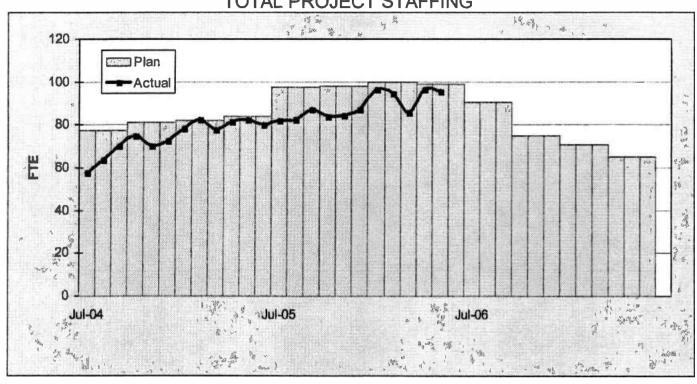
NOTE: EXPENDITURES ARE CUMULATIVE THROUGH APRIL 2008.

# STATUS OF FUNDS ANTICIPATED

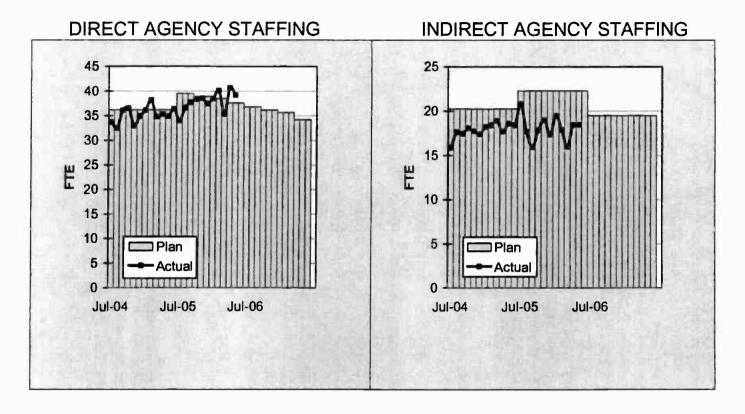
**FEDERAL CMAQ:** LACMTA submitted a grant application to the FTA in June 2005 for \$9.9M. FTA is questioning the use of federal funds on this project. LACMTA will replace Federal – CMAQ with Proposition C 10% and 40% funds.

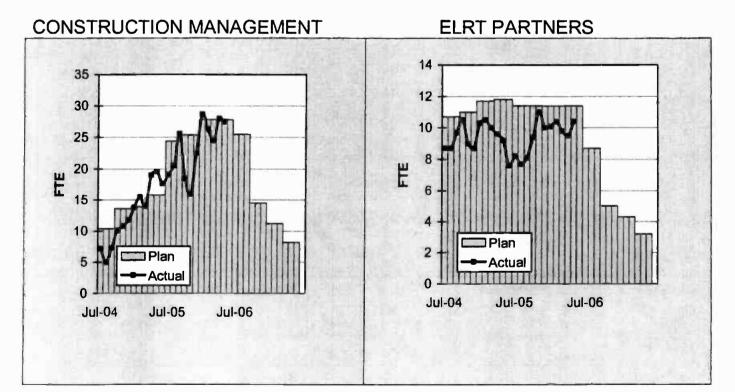
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# **STAFFING STATUS**



## TOTAL PROJECT STAFFING





# **STAFFING STATUS**

## **REAL ESTATE STATUS**

- For C0803, the tunnel portion of the alignment, 40 parcels are 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 are required for acquisition (17 full takes, 9 partial takes and 1 surface easement). Nine parcels have been identified for the proposed Ramona High School site reconfiguration.
- For C0802, 2 parcels are required (1 surface easement and 1 full take parcel).
- Sixty-nine parcels have been certified, 40 for C0803-Tunnel, 27 for C0803-At-Grade and 2 for C0802. Offers have been made to 68 property owners. A total of 64 parcels are available (40 under C0803-Tunnel, 22 under C0803-At-Grade, and 2 under C0802). Four of the remaining properties are needed for the Ramona High School reconfiguration. One parcel, ES-654, is in condemnation and trial has been changed to August 2006.
- Third Party Administration has obtained two Encroachment Permits from Caltrans for C0803-Tunnel. All three (3) street closures have been obtained from the City of LA.

REAL E	STATE AC	QUISTIO	N SCHEDU	LE SUM	MARY
				Behind	Schedule
Number of Parcels					Avg. Calendar
	Required	Acquired	On Schedule	Number	Days
This Period	69	64	5	0	C
Last Period	69	61	8	0	C

REAL ESTATE STATUS TO DATE BY CONTRACT ACQUISITION PHASE							
CONTRACT NO.	Number of Parcels (A+B+C+D+E)	Agreements Signed (A)	Parcels in Condermation (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	22	1	3**	0	1**	22
C0802	2	2	0	0	0	0	2
TOTAL	69	64	1	3	0	1	64
LAST PERIOD	69	60	5	3	0	1	61

\* Parcel ES-604 Ramona High School (portion to be acquired)

\*\* Remaining Alma parcels under negotiation or in escrow

# **ENVIRONMENTAL STATUS**

- Held RAC Ad Hoc Subcommittee at Boyle Heights Senior Center to discuss the reinterment of human remains.
- A draft addendum to the existing MOU with SHPO was submitted to FTA for review.

# COMMUNITY RELATIONS STATUS

- Held project briefing for the Executive Review Advisory Executive Committee, the Review Advisory Committee and the Ad-Hoc Sub Committee.
- Participated in Homeboy Industries annual Lo Maximo Event.
- Provided a construction update to Elected Officials staff.
- Authorized and distributed construction notices.

# QUALITY ASSURANCE STATUS

- Continued to coordinate with Metro Engineering and Traylor-Shea-Ghazi to resolve the issue of tunnel precast segments with deficiencies.
- Reviewed audit identified deficiencies for closure.

# SAFETY STATUS

- Participated in weekly progress meetings with construction management and ELRTC personnel to discuss safety related issues and construction schedule.
- Conducted Safety Orientation training for Third Party personnel.
- Conducted All Hands Safety Meeting with ELRTC's Safety personnel, Metro Transit Security, LAPD and LA Fire representatives.
- Monitored construction activities on a daily basis to ensure safety compliance.
- Conducted safety audits for Contract C0803. Audits were accepted.
- ELRTC reported zero recordable incidents and 52,573 work hours for the month of May 2006. Project to date work hours 920,573. A total of 14 recordable incidents to date. Statistical rate for recordable incidents is 3.0 below the National Average of 5.6.

# ART DEVELOPMENT STATUS

Little Tokyo/Arts District Station

• Design review of 100% construction documents.

**Pico Aliso Staion** 

• Design review of 100% construction documents.

Boyle Heights/Mariachi Plaza Station

• Design review of 100% construction documents.

Soto Station

• Design review of 100% construction documents.

Indiana Station

• Pre-Design review with Contractors.

Maravilla Station

• 100% construction document comments review.

East Los Angeles Civic Center Station

• 100% construction document comments review.

Atlantic Station

• 100% construction document comments review.

# THIRD PARTY AGREEMENT STATUS

LADWP       Amendment       6/06       *5/04       LACMTA Management, County Counsel, and LACMTA Bacard staff have participated in meetings with DWP to complete in meetings with DWP and Bacard Staff have participated in meetings with DWP to complete in meetings with DWP and magement and County Counsel for review on 107/05. LACMTA Management and County Counsel if for review on 107/05. LACMTA Management and Supresented at the Meeting in January 2006 for approval; however, the Board requested different Deadline and Delay Rugage. DWP Board weap resented with the new language. DWP Board was presented with the new language but did not want Deedlines and Delays. Watting on Metro Management and County andet premeting the document of signing agreement.				Γ	
Los Angeles County       Master       Completed       N/A       Executed July 2003.         Caltrans (101)       Design       Completed       N/A       Executed July 2003.         Caltrans (101)       Construction       Completed       N/A       Executed July 2003.         Caltrans (101)       Construction       Completed       N/A       Executed September 2003.         Caltrans (101)       Maintenance       12/08       Project       The initial negoliation meeting was held on 19/03. LACMTA reviewed and submitted the agreement to Caltrans on 21/004. A follow up call was made on 10/20/05 but no response to date.         LADWP       Amendment       6/06       *6/04       LACMTA Management and County Counsel, and LACMTA Management. County Counsel, and LACMTA Management and County Counsel, and LACMTA Management and County Counsel to negotiations, since the "Deadline and Deley inguage.         LADWP       Amendment       6/06       *6/04       LACMTA Management and County Counsel, and LACMTA Management and County Counsel to Incertify and agreement was proved final language and agreement was proved final language.         LACMTA Management and County Counsel to an Use y language.       DWP Board was presented with the new language. DWP Board was presented with the new language. DWP Board was presented with the new language.         So. Cal. Edison Co.       Amendment       N/A       N/A       ScE Executive Legal Branch stated on 2/2/2005 (brancement) is greement.	Third Party		Execution		
Los Angeles County       Master       Completed       N/A       Executed July 2003.         Caltrans (101)       Design       Completed       N/A       Executed July 2003.         Caltrans (101)       Construction       Completed       N/A       Executed July 2003.         Caltrans (101)       Construction       Completed       N/A       Executed September 2003.         Caltrans (101)       Maintenance       12/08       Project       The initial negoliation meeting was held on 19/03. LACMTA reviewed and submitted the agreement to Caltrans on 21/004. A follow up call was made on 10/20/05 but no response to date.         LADWP       Amendment       6/06       *6/04       LACMTA Management and County Counsel, and LACMTA Management. County Counsel, and LACMTA Management and County Counsel, and LACMTA Management and County Counsel to negotiations, since the "Deadline and Deley inguage.         LADWP       Amendment       6/06       *6/04       LACMTA Management and County Counsel, and LACMTA Management and County Counsel to Incertify and agreement was proved final language and agreement was proved final language.         LACMTA Management and County Counsel to an Use y language.       DWP Board was presented with the new language. DWP Board was presented with the new language. DWP Board was presented with the new language.         So. Cal. Edison Co.       Amendment       N/A       N/A       ScE Executive Legal Branch stated on 2/2/2005 (brancement) is greement.	City of Los Angeles	Amendment	Completed		Executed December 2002
Caltrans (AI) Projects)         Master         Completed         N/A         Executed July 2003.           Caltrans (101)         Construction         Completed         N/A         Executed July 2003.           Caltrans (101)         Construction         Completed         N/A         Executed July 2003.           Caltrans (101)         Maintenance         12/08         Project         The initial negotiation meeting was held on 19/03.           Caltrans (101)         Maintenance         12/08         Project         The initial negotiation meeting was held on 19/03.           Caltrans (101)         Maintenance         12/08         Project         The initial negotiation meeting was held on 19/03.           IADWP         Amendment         6/06         *6/04         LACMTA Management. County Counsel, and LACMTA Bard staff have participated in meeting with DWP to complete negotiations, since the "Deadline and Delay" clause is not acceptable to LADWP.         Attentative language was forwarded to LACMTA Management and County Counsel for review on 107/05. LACMTA           LACMTA Management has approved final language.         DWP to complete meeting in January 2006 for approval; however, the Board requested different Deadline and Delays.           So. Cal. Edison Co.         Amendment         N/A         N/A         SCE Executive Legal Branch stated on 225/05 they have no intention of signing agreement.           So. Cal. Edison Co.         Amendment <td></td> <td></td> <td></td> <td></td> <td></td>					
Caltrans (101)         Design         Completed         N/A         Executed Juj 2003.           Caltrans (101)         Construction         Completed         N/A         Executed September 2003.           Caltrans (101)         Maintenance         12/08         Project         The initial negotiation meeting was held on 19/03. LACMTA reviewed a draft from Caltrans on 1/22/04. LACMTA reviewed and submitted the agreement to Caltrans on 10/22/05 but no response to date.           LADWP         Amendment         6/06         *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. Atternative language was forwarded to LACMTA Management and County Counsel, for review on 10/7/05. LACMTA           Mainterin Power)         Amendment         N/A         N/A         N/A         Secure 2005					
Califrans (101)         Construction         Completed         N/A         Executed September 2003.           Califrans (101)         Maintenance         12/08         Project         The initial negotiation meeting was held on 17/03. LACMTA received a draft from Califrans on 1/22/04. LACMTA reviewed and submitted the agreement to Califrans on 21/10/04. A follow up call was made on 10/22/05 but no response to date.           LADWP         Amendment         6/06         *6/04         LACMTA Management. County Counsel, and LACMTA Management. County Counsel, and LACMTA Management county Counsel, and LACMTA Management and Delay targe was forwarded to LADWP. Alternative language was forwarded to LACMTA Management and Dougy call was made on 10/2/05. LACMTA Management and Dougy call was made on 10/2/05. LACMTA Management and Dougy call was presented at the Metro Board Meeting in January 2006 for approval, however, the Board requested different Deadline and Delay submitted the agreement was presented at the Metro Board weeting in January 2006 for approval, however, the Board requested different Deadline and Delay Submitted the averagement with the new language. DWP Board will be presented with the new language. DWP Board will be presented with the new language. DWP Board will be presented with the new language. DWP Board will be presented with the new language. DWP Board will be presented with the new language. DWP Board will be presented with the new language. DWP Board weigness withing on Metro Management direction.           So. Cal. Edison Co.         Amendment         N/A         N/A         SCE Executive Legal Branch stated on 22/25/05 they have no intention of signing agreement.           SBC         Amendment         Completed<	· · · · · · · · · · · · · · · · · · ·				-
Califrans (101)         Maintenance         12/08         Project Completion         The initial negotiation meeting was held on 1/9/03. LACMTA received a draft from Califrans on 1/22/04. LACMTA reviewed and submitted the agreement to Califrans on 2/10/04. A follow up cali was made on 10/20/05 but no response to date.           LADWP (Water/Power)         Amendment         6/06         *6/04         LACMTA Management, County Counsel, and LACMTA Management, County Counsel, and LACMTA Management, County Counsel, and LACMTA Management, and Delay' clause is not acceptable to LADWP.           Atternative language was forwarded to LACMTA Management and County Counsel, and agreement as approved final language and agreement as approved final language and agreement as approved final language.           So. Cal. Edison Co.         Amendment         N/A         N/A         SC E Executive Legal Branch stated on 2/25/05 they have no intention of signing agreement.           So. Cal. Edison Co.         Amendment         N/A         N/A         SC E Executive Legal Branch stated on 2/25/05 they have no intention of signing agreement.           SBC         Amendment         Completed         N/A         Executed May 2005.           SBC         Amendment         G/06         *6/04         LACMTA received a draft from Adelphia for review.           Completed         N/A         Executed May 2005.         Calif Wtr Service Co         Amendment           Amendment         Completed         N/A         Executed May 2005.	· · · · · · · · · · · · · · · · · · ·				
Completion         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 10/22/05 but no response to date.           LADWP (Water/Power)         Amendment         6/06         *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.           Atternative language was forwarded to LACMTA Management and County Counsel, in meetings with DWP to complete negotiations, since the 'Deadline and Delay' clause is not acceptable to LADWP.           Atternative language was forwarded to LACMTA Management and County Counsel for review on 10/7/05. LACMTA Management has approved final language and agreement was presented with the new language but did not want Deadlines and Delay. Waiting on Metro Management direction.           So. Cal. Edison Co.         Amendment         N/A         N/A         SCE Executive Legel Branch stated on 2/25/05 they have no intention of signing agreement.           So. Cal. Edison Co.         Amendment         N/A         N/A         SCE Executive Legel Branch stated on 2/25/05 they have no intention of signing agreement.           SBC         Amendment         Completed         N/A         Executed May 2005.           SBC         Amendment         6/06         *6/04         LACMTA management and County Counsel reviewed the amendment and county counsel reviewed the adobphia with comments. Adelphia's Legal Department i					
LADWP (Water/Power)Amendment6/06*6/04LACMTA Management, County Counsel, and LACMTA Management, County Counsel, and LACMTA Management and County Counsel, 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 107/105. LACMTA Management was presented at the Metro Board Meeting in January 2006 for approval. however, the Board requested different Deadline and Delay language. DWP Board will be presented with the new language but did not want Deadlines and Delays. Waiting on Metro Management direction.So. Cal. Edison Co.AmendmentN/AN/ASCE Executive Legal Branch stated on 2/25/05 they have no intention of signing agreement. Esecuted May 2005.SBCAmendmentCompletedN/AExecuted May 2005.Adelphia Cable CompanyAmendment6/06*6/04LACMTA Management and County of review. LACMTA Management and County agreement.Counsel requested for provals adelphia Cable CompanyAmendmentCompletedN/AExecuted May 2005.Calif Wtr Service Co LA. County Sanitation DistrictsMasterCompletedN/AExecuted May 2005.N/AN/AN/AIn a letter dated 3/28/03, the Sanitation District stated that there is not a need for a agreement since there are no relocations review usbmittats related to orcesements of their facilities on indiane agreement since there are no relocations related to their facilities. The Sanitation District will review usbmittats related to orcesements of their facilities on indiane Street.		Wantenance	12100		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
The Gas CompanyAmendmentCompletedN/AExecuted May 2005.SBCAmendmentCompletedN/AExecuted May 2005.Adelphia CableAmendment6/06*6/04LACMTA 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. A follow up calls were made on 10/20/05 and 11/16/05.Calif Wtr Service CoMasterCompletedN/AExecuted May 2005.L.A. County SanitationN/AN/AN/AIn 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 WorldcomAmendmentCompletedN/AExecuted May 2005.	LADWP (Water/Power) So. Cal. Edison Co.				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 Management has approved final language and agreement was presented at the Metro Board Meeting in January 2006 for approval; however, the Board requested different Deadline and Delay language. DWP Board will be presented with the new language. DWP Board was presented with the new language but did not want Deadlines and Delays. Waiting on Metro Management direction.
The Gas CompanyAmendmentCompletedN/AExecuted May 2005.SBCAmendmentCompletedN/AExecuted May 2005.Adelphia Cable CompanyAmendment6/06*6/04LACMTA 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. A follow up calls were made on 10/20/05 and 11/16/05.Calif Wtr Service CoMasterCompletedN/AExecuted May 2005.L.A. County Sanitation DistrictsN/AN/AIn 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 WorldcomAmendmentCompletedN/AExecuted May 2005.					
SBC         Amendment         Completed         N/A         Executed May 2005.           Adelphia Cable         Amendment         6/06         *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. A 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         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.	The Gas Company	Amendment	Completed	N/A	
Adelphia Cable CompanyAmendment6/06*6/04LACMTA 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. A follow up calls were made on 10/20/05 and 11/16/05.Calif Wtr Service CoMasterCompletedN/AExecuted May 2005.L.A. County Sanitation DistrictsN/AN/AN/AIn 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 WorldcomAmendmentCompletedN/AExecuted May 2005.					
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Districts       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.	Calif Wtr Service Co		Completed		Executed May 2005.
MCI Worldcom Amendment Completed N/A Executed May 2005.	L.A. County Sanitation Districts				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
	MCI Worldcom	Amendment	Completed	N/A	
	Metropolitan Wtr Dist	Amendment	Completed	N/A	Executed May 2003.

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# THIRD PARTY AGREEMENT STATUS (Continued)

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	6/06	*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.
AT&T Local Services	Amendment	6/06	*6/04	LACMTA County Counsel reviewed the existing agreement and recommended revisions. A revised amendment was sent to AT&T. AT&T Legal is completing final review for execution. Follow up calls were made on 10/20/05 and 11/16/05. Since AT&T and SBC have joined AT&T was asked if they could adopt SBC Agreement on 11/16/05. No response to date. AT&T has now joined SBC and when all legal transactions are complete in March 2006, LACMTA may be able to use SBC Agreement for AT&T work. E-mailed the SBC Agreement to the AT&T legal council for consideration as the overall agreement covering the new AT&T.
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 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
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	2/6/03	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	On-hold pending Land Exchange Agreement between LAUSD and Metro. Should the agreement fail, and Indiana Alternative alignment will be implemented, Metro will nee to resubmit 4 new crossing applications.
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
jency 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

41 applications approved.

An additional application is planned to be submitted after further analysis. The location is 3rd and Ditman.

Extensions are being submitted as approvals surpass their 3 year life span.

			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
7	3rd / Ditman	15	1st / Santa Fe
	3rd / Rowan		1st / Myers
8	3rd / Gage	16	1st / MTA
	3rd / 60 Fwy WB Ramps		1st / BNSF
	3rd /Downey		1st / Union Pacific

Metro Gold Line Eastside Extension Monthly Project Status Report

(<sup>---</sup>)

CONTRACT C	0802 STA	rus					
Description: 101 Freeway Bridge Overcrossing	Contract No.	C0802					
Contractor: Brutoco Engineering & Construction	Status as of: June 2, 2006						
Progress/Work Completed:	Major Activiti	ies (In F	rogres	s):			
<ul> <li>Completed pile repair @ Bent No. 3 footing</li> <li>Poured Bent No. 3 column and removed forms</li> <li>Completed design of pile repair for Bent No. 9 footing</li> <li>Completed Bridge-2 (middle section) deck rebar installation</li> </ul>	* Erection of Bridge	<ul> <li>Procurement of OCS pole foundation anchor bolts</li> <li>Erection of Bridge-1 (closest to Union Station) false work</li> <li>Commercial Street curb, gutter and sidewalks construction</li> </ul>					
Areas of Concern:	Major Activiti	es Nex	t Perioc	<b>i</b> :			
	* Start Bridge-1 sof * Complete erection * Complete permea * Start Installation of	<ul> <li>Bridge-2 deck concrete work and pre-stressing</li> <li>Start Bridge-1 soffit and stems</li> <li>Complete erection of Bridge-1 false work</li> <li>Complete permeation grouting @ Bent No. 9 footing</li> <li>Start Installation of 2 supplemental piles @ Bent No. 9</li> <li>Commercial Street grade base and asphalt placement</li> </ul>					
Schedule Summary:		Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs	
Date of Award: 09/07/04	Notice to Proceed	09/22/04	o	09/22/04	09/22/04	0	
Notice to Proceed: 09/22/04	Milestone 1 - Complete Abutment No. 10	06/26/06	37	08/02/06	12/06/06	-125	
Original Contract Duration:700 CDCurrent Contract Duration:737 CD	Milestone 2- Complete All Work	08/23/06	37	09/29/06	03/01/07	-153	
Elapsed Time from NTP: 619 CD							
Physical Percent Complete:	Cost Summa	r <b>y</b> :		\$1	n millic	ns	
Physical completion * as of this reporting period is: 53.10%	1. Award Value:				6.42		
	2. Executed Modifi	•			0.00		
* Note: Physical completion assessment reflects work completed	3. Approved Chang	-			0.00		
and invoice amount shown in Caltrans Monthly Progress/ Expense Report No. 20.	4. Current Contrac 5. Incurred Cost:	t Value (1 <sup>.</sup>	+2+3):		6.42 4.00		
					4.00		

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#### **CONTRACT C0803 STATUS Description: Tunnel, Stations, Trackwork &** Contract No. C0803 Systems Contractor: Eastside LRT Constructors Status as of: June 2, 2006 Major Activities (In Progress): Progress/Work Completed: \* Tunnel mining between Mariachi Plaza and Soto Stations \* Continue 3rd Street north side widening - Segment 7 \* Completed mining 881 feet in the east bound tunnel for a to date \* Continue Installing 24\* RCP pipe from Atlantic Bi. to Woods St. total of 1470 feet \* Continue West Portai placement of mud mat and invert sections \* Completed mining 439 feet in the west bound tunnel \* Completed Soto Station subinvert and invert concrete - middle \* Continue East Portai excavation and installation of the backs. \* Continue sewer and storm drain work - Segment 1 section \* Continue right hand turn pocket at 1st & Vignes Streets-Seg. 2A Removed level 4 struts & walers @ Soto Station in preparation \* Continue relocation of utilities through out the alignment for EPBMs pass through \* AFC package for Segments 2B, 4A, 6 and 7 \* Completed the East Portal LA County Crematorium access road \* AFC packages for Mariachi Plaza, Little Tokyo/Arts District and and side walk **Pico/Aliso Stations** \* Demolished existing CMU wall @ DWP Yard - Segment 1 \* Installed sewer line @ Banning Street - Segment 1 \* 100% civil design for Segments 3A and 4B \* 100% design packages for Trackway/Guideway, Traction \* Completed review of 100% design package for Soto Station Power, Communications and Overhead Contact System \* Submitted and completed review of 100% design packages for Little Tokyo/Arts District and Pico/Aliso Stations Major Activities Next Period: \* Submitted for review 85% design package for Train Control \* Eastbound and westbound tunnel mining \* Completed review of 85% civil design package for Segment 3B \* install a rall switch @ Mariachi Plaza Station \* Place invert concrete slab @ West Portal \* Complete East Portal and West Portal excavations \* Segment 1- install 36" storm drain line Areas of Concern: \* Segment 2A - complete 1st Street south side widening \* Segment 2A - start 1st Street north side widening None \* Segments 6 & 7 - continue 3rd Street widening-north side only \* Complete 24" RCP installation from Atlantic Bivd. to Woods St. Original Variance Time Current Schedule Summary: Forecast Contract Extension Contract CDs Dates

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	7	01/07/09	01/07/09	0
Elapsed Time from NTP:	703 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.	05/30/09	5	06/04/09	06/04/09	0
		Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0
<b>Physical Percent Complete:</b>		Cost Summa	ry:		\$ I	n millio	ons
Physical completion * as of this reporting	period is: 28.86%	1. Award Value:				600.45	
		2. Executed Modifi	ications:			1.55	
* Note: Physical completion assessment	reflects work completed	3. Approved Chan	ge Orders:			0.08	
and work in progress.		4. Current Contrac	t Value (1+	+2+3):		602.08	
		5. incurred Cost:				253.55	

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# **CONTRACT P2550 STATUS**

Description: 2550 Rail Veh	Contract No. P2550 Status as of: June 2, 2006						
Contractor: Ansaldobre		Status as or: J	une 2,	2000			
<ul> <li>Progress/Work Complete</li> <li>Proof of Design Testing and Prel two (early delivery) 2550 LRV's. The on all Metro Lines and succesfully of MBL/MGL connector.</li> <li>The Contractor's Pittsburg, Califor carshells shipped from Pistoia, Italy, and vehicle assembly have started.</li> <li>A container, with 28 pailets of LR CA May 17, 2006. Subsequent ship defined in the Contract Documents.</li> <li>Areas of Concern: <ol> <li>Documentation submittals are pr approval.</li> <li>Metro's contract cashflow consur- steps are in process to bring consup- remedies.</li> <li>In accordance with the latest Ans- unapproved) car shell deliveries to F are arriving monthly.</li> </ol> </li> </ul>	liminary Testing continued for the the two LRV's successfully operated almbed the 7% grade of the comia plant has begun to receive . Staffing at the Plant has begun RV components arrived in Pittsburg, coments scheduled to follow as rogressing and pending Metro mption is less than anticipated, ption up to date through escrow saldobreda schedule (currently	Major Activities 1. Ansaldobreda is pro- shipment to Pittsburgi 2. The contractor corr 9A, , 11A, 12A, 13A, 3. Ansaldobreda is pro- manufacture. Car 701 Major Activities 1. LRV Prototype Car manufacture. 2. During this period ti expedite where necess production and suppo 3. Weekly teleconfern Issues. 4. Shipments of car sl Pittsburgh plant contin 5. LRV car shell produ 6. MTA initiated a Mid Findings would allow of obligations should the content will be in com 7. Assembly process in	aparing LR h final asso tinues to w continues Next Pe 702 will be he IPT will sary, all so rt of the P2 ance meeting hells and so hells and so action contract of Contractor y be neces pliance.	V carshell ambly plan ork toward V 702 for s in final test oriod: a sent to P continue t cheduled a 2550 rall vo ings will co ystem con e. inues in Itz Buy Amer to make c asary. It is	It. shipment i sting of sig ittsburgh, i o closely r ctivities in ehicle proj ontinue to r nponents f aly. ica" due d corrections anticipate	ion of Miles to Pittsburg nal system CA for re- nonitor and volved in th ect. monitor des rom Italy to iligence au to contract d that dom	stones Jh for re- Is. J Isign Sign Jo the Idit. Lual
			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Schedule Summary:		Notice to Proceed	08/06/03	o	06/06/03A	06/08/03A	D
Date of Award: Notice to Proceed:	04/24/03 06/06/03	Milestone 5A - Appr.dwgs, per Sect.1.13.1Tech Specs	05/07/04	0	05/07/04	06/28/06	752
Original Contract Duration:	1460 CD	Milestone 6A - Appr.of Operator Cab Mockup	06/04/04	0	06/04/04	06/28/06	724
Current Contract Duration: Elapsed Time from NTP:	1460 CD 1092 CD	Milestone 7A - Traction Motors Perf. Tests	11/05/04	0	11/05/04	<i>5</i> /31/06A	492
Option 1 & 2 Contract duration ** after starting options 1 & 2	1460 CD**	Milestone BA - Appr.of Stress Analysis & C.T. Report	11/05/04	0	11/05/04	06/28/06	492
Note: MTA issued Modification No. 1	I to Ansaldobreda, Modification No.	Milestone 9A - Appr.of 1st Artci & Final Op. Hazard Analysis	02/04/05	0	02/04/05	06/28/06	479
1 is a zero-cost, miscellaneous admi modification. MTA completed Modifi	inIstrative and technical clarification ication No. 2 that reflects the	Milestone 10A - Deliver Draft Op.Maint.H. Repair Manuals Milestone 11A - Appr.of Ops.	02/11/05	0	02/11/05	06/23/06	442
recently granted Callfornia Board Of Sales Tax on the Light Rail Vehicles. MTA and Ansaldobreda agreed to Me		Maint, & Training Program Lesson Plans	04/08/05	0	04/08/05	06/28/06	446
Option One ordering period from Apr March 14, 2006.		Milestone 12A -Appr.of Oper., Maint. & Heavy Repair Manual	09/23/05	0	09/23/05	07/28/06	309
Physical Percent Comple	te:	Cost Summary	<u>':</u>		\$1	n millio	ns
Physical Work completion* as of	May 2006 is 71.96%	1. Award Value: Pasadena (Proj. Eastside Ext. (Pr				126.99 31.75	
Percent Work Product Invoiced** thro	ough May 2006 is 27.71%		1	Total Awa	ard Value	158.74	
<ul> <li>Note: Physical Work completion completed and work in progress.</li> </ul>	2 Executed Modificat 3 Approved Change ( 4 Current Contract V 5 Incurred Cost:	Orders: (N	-		0.00 0.00 158.74 56.83		
**Reflects percent of Contract pri	ce invoiced and paid to date.	s meenee even				55.00	



Soto Station invert slab.



Segment 1 waterline relocation.



Segment 7 utility relocations.



Segment 2A new curb and gutter.



View of eastbound tunneling operations.



US-101 Freeway LRT Bridge overcrossing structure.

# 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.

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# May 2006

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# **APPENDIX**

# LIST OF ACRONYMS

CADDComputer Aided Drafting and DesignCALTRANSCalifornia Department of TransportationCDCalendar Day	
CD Calendar Day	
CM Construction Manager	
CMAC Congestion Mitigation Air Quality	
CN Change Notice	
CO Change Order CNFPA Concurrent Non-FFGA Project Activities	
CPM Critical Path Method	
CPUC California Public Utilities Commission	
CR Camera Ready	
CTC California Transportation Commission	
CUD Contract Unit Description	
DB Design/Build	
DBBDesign/Bid/BuildDDDesign Development	
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	<b>_</b> ,
FSEIS Final Supplemental Environmental Impact Statem	
FTA Federal Transit Administration	
FTE Full Time Equivalent	
GDSR Geotechnical Design Summary Report	
IFB Invitation for Bid	
IPO Integrated Project Office JV Joint Venture	
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	Authoritv
LADOT Los Angeles Department of Transportation	

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# **APPENDIX**

# LIST OF ACRONYMS (Continued)

LADPW LADWP LAUSD LNTP LONP LRT LRTP LRV MIS MPSR N/A NEPA NPDES NTE NTP OCIP P3 PC PE PEER PGL PIP PM PMA PMIP PMA PMIP PMA PMIP PMA PMIP PMA PMIP PMA PMIP PMA PMIP PSR QA QAR QC QPSR RAC RAG RFC RFP ROD	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 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 Manager Project Management Assistance Project Management Oversight Consultant Project Management Plan (manual) Policies & Procedures Project Report Project Study Report Quality Assurance Report Quality Assurance Report Quality Assurance Report Review Advisory Committee Rail Activation Group Request For Change
ROD	Record Of Decision
ROD	Revenue Operations Date
ROM	Rough Order of Magnitude

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# 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 VE WBS WP	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 Value Engineering Work Breakdown Structure Work Package
WBS	Work Breakdown Structure

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