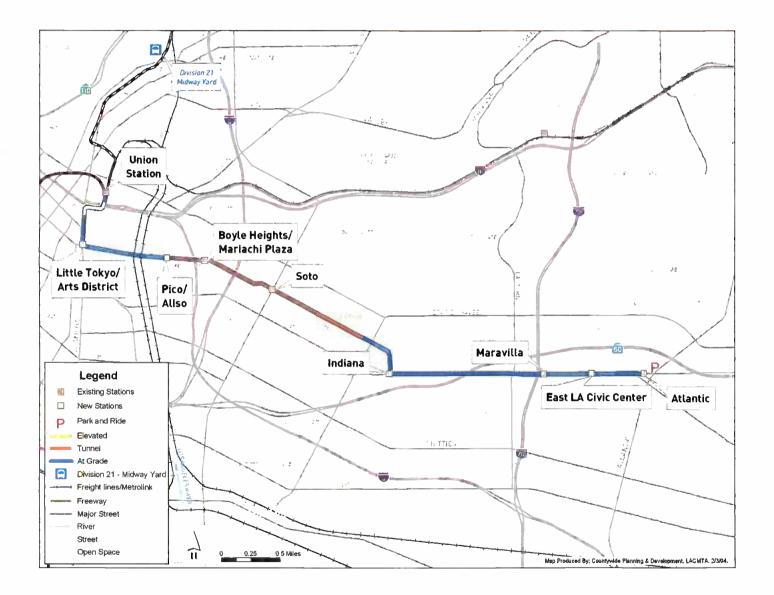
Los Angeles County Metropolitan Transportation Authority

MONTHLY PROJECT STATUS REPORT

# Metro Gold Line Eastside Extension

# February 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.

**FEBRUARY 2006** 

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#### **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 100% final design packages were issued for review for the Little Tokyo/Arts District Station, the Boyle Heights/Mariachi Plaza Station, the Pico/Aliso Station, and for Civil Segments 2B and 4A. Also, the Civil Segment 3A 85% final design package was submitted for review. The 100% final design packages are underway for the Soto Station and Civil Segments 4B, 5, 6 and 7. The 85% final design packages are underway for the East L.A. Civic Station and Civil Segment 3B. The 85% final design packages for train control and communications systems are also in progress. Trackwork is in the 100% final design phase.

At the Boyle Heights/Mariachi Plaza Station, the eastbound tunnel mining began on February 23, 2006. The final assembly of the westbound Earth Pressure Balance Machine (EPBM) is continuing and is anticipated to complete in late March 2006. Permeation grouting of the tunnel crosspassages is underway.

At the Soto Station, the level-5 structural excavation is continuing and is anticipated to finish by mid-March 2006.

At the West Portal, structural excavation and shoring is ongoing and will continue into early April 2006.

At the East Portal, the new crematorium retaining wall is anticipated to finish in mid-March 2006. The completion of the new crematorium retaining wall will allow for the continuation of street widening at the north side of 1<sup>st</sup> Street.

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

The Caltrans contractor for Contract C0802 – 101 Freeway Bridge Overcrossing completed the falsework for one section of the bridge superstructure. The placement of formwork and rebar is nearing completion. Concrete placement for the bridge structure is anticipated to occur in mid-March 2006. Portions of the Commercial Street retaining wall were completed during the month.

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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> Although The City of Los Angeles had received the Record of Decision later than planned (February 2006), the street restoration and girder strengthening design documents were advanced to the 95% completion level. The advancement of design will allow the street restoration work to begin on April 1<sup>st</sup> 2006 with no schedule impacts.

The City of Los Angeles is forecasting an early bridge turnover date to Metro for track installation by Metro's C0803 Contractor. The City's turnover date is predicated on awarding the girder strengthening construction contract by August 2006.

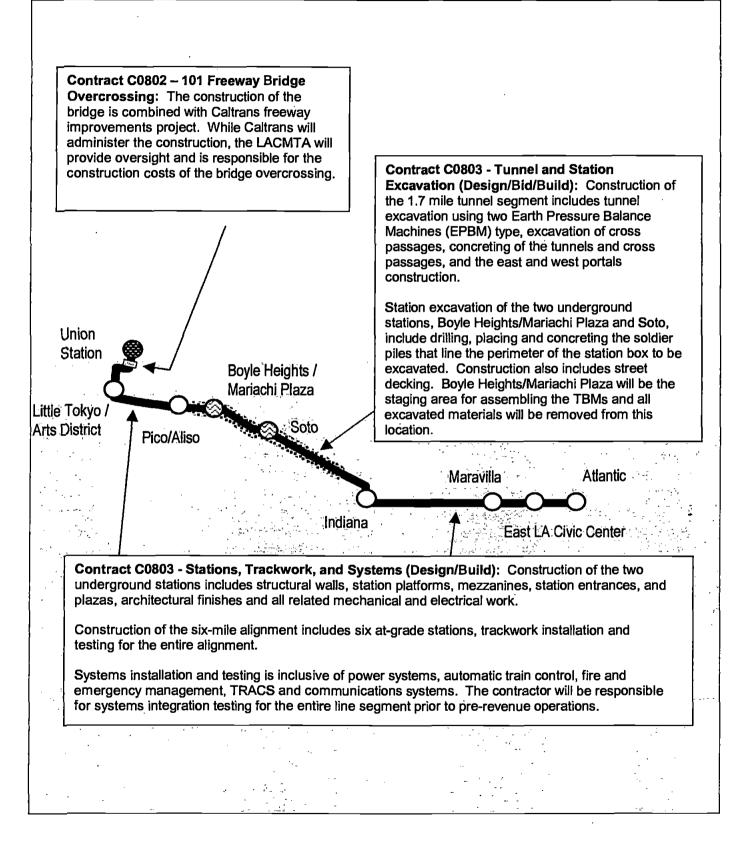
Issue No. 2: Ramona Opportunity High School and Indiana Station

<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 August 2006, three 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 will try to secure a Right-of-Entry to the school site earlier, while continuing to work with the C0803 Contractor to minimize both design and construction impacts.

<u>Action</u> Metro and LAUSD must reach an agreement on the scope and costs related to the impacts to Ramona Opportunity High School. In March 2006, Metro staff is planning to provide a report to the Metro Board of Directors outlining the details of the proposed land exchange agreement, funding plan, schedule and alternatives analysis.

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

### PROJECT SCOPE



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# KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD

	Milestone Date	Feb-06	Mar-06	Apr-06	May-06	Jun-06	Jul-06
Complete Muck Bins Installation	02/07/06 *	0					
Completed EPBM Testing & Commenced Tunnel Mining (Eastbound)	02/23/06 *	0					
Submitted 100% Station Design - Little Tokyo and Pico/Aliso Stations	02/23/06 *	0					
Submit 100% Civil/Utilities Design-Segments 2B & 4A	02/28/06 *	0					
Submitted 85% Civil Design-Segments 3A	02/28/06 *	0					
Submit Boyle Heights/Mariachi Plaza Station 100% Design	02/28/06 *	0					
Complete New Crematorium Retaining Wall at East Portal	03/10/06 *		0				
Complete Soto Station Structural Excavation	03/14/06 *		0				
Submit 100% Civil/Utilities Design-Segments 6 & 7	03/20/06 *		0				
Complete West Portal Excavation	03/23/06 *		0				
Submit Soto Station 100% Design	03/24/06 *		0				
Submit 100% Station Design - Atlantic and Maravilla Stations	03/27/06 *		0				
Submitted 85% Civil Design-Segments 3B	03/27/06 *		0	_			
Commence Tunnel Mining (Westbound)	03/30/06 *		0				
Submit Communications 85% Design	03/31/06		0				•
Submit Trackwork 100% Design	04/04/06 *			0			
Complete East Portal Excavation	04/20/06 *			0			
Submit Train Control 85% Design	04/28/06 *	_		0			
Complete Soto Station Sub-Invert Concrete	05/04/06 *				0		
Eastbound EPBM Break in at Soto Station	07/03/06 *						0
LACMTA Staff Milestone Eastsid	e LRT Constructo	rs		FTA	FTA A	pproval	
△ Other Agencies ★ New Data	ate			Metr	LACM	TA Board A	\pproval
Six-month lookahead schedule for Contract C0803 r	eflects the cor	<b>itračtor's</b>	current C	CPM sche	dule.		

Activity	Activity Description	Rem Dur	Early Start	Early Finish	2006 2007 2009 2009
10	Gold Line Eastside Extension	Dur	Start	P II HERAI	
		-	_		
	- Q & P for C0800 Elements				
and the second se	rground Station	-	-	-	
Soto Station					
Excevation and A2ES ST045	Structure Exc Level 5 (EL 250.1 - SG)		16FEB06A	14MAR06	Bitructure Exc Level 5 (EL 250.1 - SG)
A2ES ST055	Soto Station Sub-Invert Concrete	-	12APR06	04MAY06	Boto Station Sub-Invert Concrete
A2ES ST056	a la construcción de la construc		12APR06	04MAY06	Boto Sta Aggregate for Sub-Invert
	Soto Sta Aggregate for Sub-Invert	19	12APROD	0410174100	
funnels	Name and Address of the Owner, where the	-	-	No. of Concession, Name	
Construction		_			
Site Work	Furnish and Deliver of Shaft Elevator	E	01NOV04A	COMAROS	Furnish and Doliver of Shaft Elevator
TKTBS250	Remove Boyle Site Facilities		08DEC06	11APR07	Finish and Dollor of Share Elevator
		00	COLEMO	TIMPRO/	Antimar polite one Lafiting
East Bound Tur				-	
TKTEB010	Mine 50' - Bury TBM ST191+17.73-ST191+67.73(EB)		23FEB06A	15MAR06	Burne 50' - Bury TBM ST191+17.73-ST191+67.73(EB)
TKTEB020	Mine 20' - Bury IBM ST191+17.73-ST191+07.73(EB) Mine 250' - ST191+67.73 - ST194+17.73 (EB)		16MAR06	04APR06	Mine 250' - ST191+67.73 - ST194+17.73 (EB)
TKTBU190	Remove Thrust Frame & Bracing - EB TBM	4		10APR06	Remove Thrust Frame & Bracing - EB TBM
TKTEB030	Mine 582' - ST194+17.73 - CP#1 ST200+00.00 (EB)		05APR05	20APR05	Bine 582' - ST194+17.73 - CP#1 ST200+00.00 (EB)
TKTEB040	Mine 750' - CP#1 ST200+00.00 - CP#2 ST207+50.00	16		12MAY05	Mine 750' - CP#1 ST200+00.00 - CP#2 ST207+50.00
TKTEB050	Mine 870' CP#2 ST207+50.00- ST216+20.22 (EB)	18	15MAY05	07,JUN06	me 870' CP#2 ST207+50.00- ST216+20.22 (EB)
TICTEBOOO	Mine 346' - ST216+20.22 - ST219+66.25(EB)	7		16JUN08	Mine 346' - ST216+20.22 - ST219+66.25(EB)
TKTEU230	Prep Soto for TBM Break In	10		21.JUN08	Prep Soto for TBM Break In
TKTEB070	Walk 342' - TBM thru 1st/Soto Station (EB)		19JUN06	23JUN08	Walk 342' - TBM thru 1st/Solo Station (EB)
TKTEB080	Cutterhead/Inspect/Repair at 1st/Soto (EB)	5	26JUN06	30,1,1,106	Cutterhead/Inspect/Repair at 1st/Soto (EB)
TKTEB085	BREAK IN AT SOTO	0		JUSUROU	BREAK IN AT SOTO
TKTEB000	Mine 250'- 1st/Soto ST223+07.75- ST225+57.75(EB)	10		17,8,8,08	Mine 250'- 1st/Soto ST223+07.75- ST225+57.75(EB)
TKTEB100	Mine 617- ST225+57.75 -CP#3 ST231+75 00 (EB)	13		03AUG05	Mine 817 - ST225+57.75 -CP#3 ST231+75.00 (EB)
TKTEB110	Mine 750'-CP#3 ST231+75.00 -CP#4 ST239+25.00(EB)		04AUG06	25AUG06	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)		28AUG06	15SEP06	Mine 628'-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)
TKTEB120	Mine 020-CP#4 \$1239+25.00-SP#2 \$1249+53.49 (EB) Mine 122- SP#2 \$T245+53.49-CP#5 \$T246+75.00(EB)	3		209EP06	Mine 122'- SP#2 ST245+53.49-CP#5 ST246+75.00(EB)
TKTEB140		3		20SEP06	Mine 725'- CP#5 ST246+75.00 - ML ST254+00 (EB)
TKTEB140	Mine 725- CP#5 ST246+75.00 - ML ST254+00 (EB)		120CT08	3000108	Mine 600'- ML \$7254+00 - Fresno \$7260+00 (EB)
TKTEB160	Mine 600'- ML ST254+00 - Fresno ST260+00 (EB) Mine 433'- Fresno ST260+00 - ST264+33.2 (EB)	13		10NOV06	Mine 433'- Fresno ST260+00 - ST264+33.2 (EB)
TKTEB160	MINE 433- Fresho ST260+00 - ST264+33.2 (EB) MINING EB TUNNEL COMPLETE	0		10NOV06	MINING EB TUNNEL COMPLETE
TKTEB180	Remove EB TBM/BU al East Portal	15		06DEC06	Bannove EB TBM/BU at East Portal
			08DEC06	15DEC06	Remove Shaft Trackwork & Facilities at Mariachi
TKTBU210	Remove Shaft Trackwork & Facilities at Mariachi	5	UODEC00	TODECOO	Teniove Shan trackwork o racijiles at manacili
East Bound Tu			0505000		MOBILIZE SOTO SITE
	MOBILIZE SOTO SITE Setup Concrete Facilities @ Soto Station	-	05DEC08	4805/002	
TK CSE001 TK CSE003			A STALL BOOK TARKS	18DEC08	Betup Concrete Facilities @ Soto Station

PROJECT MASTER SCHEDULE

Activity ID	Activity Description	Rem	Early Start	Earty Finish	2006 3000 2007 2000 2000 2000
TK CSE005	Iristall Conc. Lines & Hoppers in Shaft	5	08DEC06	14DEC06	Anstall Conc. Lines & Hoppers in Shaft
TK CSE010	Lift Rall & Clean Invert (Heavy) (EB)	12	15DEC06	03JAN07	Lift Rall & Clean Invert (Heavy) (EB)
TK CSE020	Assemble/Install Invert Form (EB)	5	29DEC06	05JAN07	Assemble/Install Invert Form (EB)
TK CSE040	Place/Finish Invert Concrete (EB)	32	08JAN07	21FEB07	Place/Finish Invert Concrete (EB)
TKCEE023	Move Concrete Operation to East Portal	10	21MAR07	03APR07	Vove Concrete Operation to East Portal
TKCEE025	SOTO STATION TURNOVER BY TFK	0		03APR07	SOTO STATION TURNOVER BY TEK
TKCEE030	Final Invert Cleaning for Concrete (EB.SS-EP)	40	04APR07	29MAY07	Final Invert Cleaning for Concrete (EB,SS-EP)
TKCEE040	Place/Finish Invert Concrete (EB.SS-EP)	46	04APR07	06JUN07	Place/Finish Invert Concrete (EB,SS-EP)
TKCEE090	Final Tunnel Cleaning for Turnover (EB)	15	13AUG07	31AUG07	Final Tunnel Cleaning for Turnover (EB)
East Bound T	unnel Walkway				
TK CSE080	Assemble/Install Walkway Form (EB)	3	22.JAN07	24JAN07	Assemble/Install Walkway Form (EB)
TK CSE080	Place/Finish Walkway Concrete (EB)	33	25JAN07	13MAR07	Place/Finish Walkway Concrete (EB)
TKCEE060	Assemble/Install Walkway Form (EB,SS-EP)	4	18APR07	23APR07	Assemble/Install Walkway Form (EB.SS-EP)
TKCEE080	Place/Finish Walkway Concrèle (EB,SS-EP)	48	25APR07	29.JUN07	Place/Finish Walkway Concrete (EB,SS-EP)
TKCEE070	Strip/Move/Set Walkway Form (EB,SS-EP)	45	30APR07	29JUN07	Strip/Move/Set Walkway Form (EB,SS-EP)
West Bound Te	unnel	1		and the second second second	
	unnel Excavation and Lining				
TKTBU120	Test WB TBM	15	13FEBO6A	29MAR08	Test WB TBM
TKTWB010	Mine 50" -Bury TBM ST191+17.55 -ST191+67.55 (WB)	7	30MAR05	07APR08	IMine 50' -Bury TBM ST191+17.55 -ST191+67.55 (WB)
TKTWB015	Mine 100'-ST191+67.55 - ST192+67.55 (WB)	6	10APR08	17APR06	Mine 100' -ST191+67.55 - ST192+67.55 (WB)
TKTWB020	Mine 150' - ST192+67.55 - ST194+17.55 (WB)	9	18APR05	28APR08	Mine 150' - ST192+67.55 - ST194+17.55 (WB)
TKTWB030	Mine 607' -ST194+17.55 - CP#1 ST200+24.22 (WB)	13	01MAY06	17MAY08	Mine 607" -ST194+17.55 - CP#1 ST200+24.22 (WB)
TKTBU180	Remove Thrust Frame & Bracing - WB TBM	4	02MAY06	05MAY08	Remove Thrust Frame & Bracing - WB TBM
TKTWB040	Mine 746' -CP#1 ST200+24.22-CP#2 ST207+70.40	16	18MAY06	OBJUNOS	Mine 746' -CP#1 ST200+24.22-CP#2 ST207+70.40
TKTW8050	Mine 849' -CP#2 ST207+70.40 - ST216+19.11 (WB)	18	09JUN06	05JUL08	Mine 849' -CP#2 ST207+70.40 - ST216+19.11 (WB)
TKTWB060	Mine 347' - ST216+19.11 - ST219+66.25 (WB)	7	06JUL06	14JUL08	Mine 347 - ST216+19.11 - ST219+66.25 (WB)
TKTWB070	Walk 342 - TBM thru 1st/Solo Station (WB)	5	17JUL06	21JUL06	Walk 342' - TBM thru 1st/Soto Station (WB)
TKTWB080	Cutterhead/Inspect/Repair at 1st/Sotp (WB)	5	24JUL06	28JUL06	Cutterhead/Inspect/Repair at 1st/Soto (WB)
TKTWB085	BREAK IN AT SOTO (WB)	0	31JUL06		BREAK IN AT SOTO (WB)
TKTWB090	Mine 250'-1st/Soto \$T223+07.75 -\$T225+57.75 (WB)	10	31JUL08	11AUG06	Mine 250'-1st/Soto ST223+07.75 -ST225+57.75 (WB)
TKTWB100	Mine 618 - ST225+57:75 - CP #3 ST231+76.18 (WB)	13	14AUG06	30AUG08	Mine 618' -ST225+57.75 - CP #3 ST231+76.18 (WB)
TKTWB110	Mine 750-CP#3ST231+76.18 -CP#4 ST239+26.18	16	31AUG06	22SEP08	Mine 750'-CP#3ST231+76.18 -CP#4 ST239+26.18 (WB)
TKTWB120	Mine 628-CP#4 ST239+26.18-SP#2"ST245+54.67	13	25SEP06	1100708	Mine 628'-CP#4 ST239+26.18-SP#2 ST245+54.67 (WB)
TKTWB130	Mine 122-SP#2 245+54.67- CP#5 ST246+76.18(WB)	3	120CT05	1800708	Mine 122"-SP#2 245+54.67- CP#5 ST246+76.18(WB)
TKTWB140	Mine 724-CP#5 ST246+76.18 - ML ST254+00 (WB)	15	17OCT06	06NOV06	Mine 724-CP#5 ST248+76.18 - ML ST254+00 (WB)
TKTWB150	Mine 600'-ML ST254+00 - Fresno ST260+00 (WB)	14	07NOV06	27NOV06	10 - ML \$7254+00 - Fresno ST260+00 (WB)
TKTWB160	Mine 433'-at Fresno ST260+00 - ST264+33.2 (WB)	8	28NOV06	07DEC06	
TKTWB170	MINING WB TUNNEL COMPLETE	0		07DEC08	MINING WB TUNNEL COMPLETE
TKTWB190	MARACHI PLAZA STATION TURNOVER BY TEK	0	08DEC06		MARACHI PLAZA STATION TURNOVER BY TEK
West Bound 1	funnel lovert	1 74			
TK CSW040	Lift Rail & Clean Invert (Heavy) (WB)	12	15DEC08	03JAN07	www.
Date	ar where I	M60			Sheet 2 of 5
h Date	15.H ILO9			Gold Line F	steel 2 or 5 Date Revision Checked Approve
Date	01MAR05 Progress B				ath Schedule 01MAR06 February 2005 Schedule Update
Date	20MAR06 10:49 Critical Act	Auk		Current	orecast

PROJECT MASTER SCHEDULE

**CRITICAL PATH (2 of 5)** 

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Activity ID	Activity Description	Rem Dur	Early Start	Early Finish		П		2007 2008 2008
K CSW050	Assemble/Install Invert Form (WB)	5	02JAN07	08JAN07		14		Assemble/Install Invert Form (WB)
K CSW070	Place/Finish Invert Concrete (WB)	32	09JAN07	22FEB07			11.1	Place/Finish Invert Concrete (WB)
K CSW080	Strip/Move/Set Invert Form (WB)	32	15JAN07	28FEB07				Striphlove/Set Invert Form (WB)
KCEW050	Final Invert Cleaning for Concrete (WB,SS-EP)	40	04APR07	29MAY07				Inal Invert Cleaning for Concrete (WB.SS-EP)
KCEW060	Piace/Finish Invert Concrete (WB,SS-EP)	46	04APR07	06JUN07				Finish Invert Concrete (WB,SS-EP)
KCEW110	Final Tunnel Cleaning for Turnover (WB)	15	06AUG07	24AUG07				Final Tunnel Cleaning for Turnover (WB)
Vest Bound T	unnel Walkway					FT	11.1	
K CSW090	Assemble/install Walkway Form (WB)	3	23JAN07	25JAN07				Assemble/Install Walkway Form (WB)
K CSW100	Strip/Move/Set Walkway Form (WB)	30	26JAN07	09MAR07				Strip/Move/Set Walkway Form (WB)
K CSW110	Place/Finish Walkway Concrete (WB)	33	02FEB07	20MAR07				Pjace/Finish Walkway Concrete (WB)
KCEW000	Assemble/Install Walkway Form (WB,SS-EP)	4	18APR07	23APR07			1 14 1	Assemble/Install Walkway Form (WB.SS-EP)
KCEW100	Place/Finish Walkway Concrete (WB,SS-EP)	43	25APR07	22JUN07			11.6	Place/Flnish Walkway Concrete (WB,SS-EP)
KCEW000	Strip/Move/Set Walkway Form (WB,SS-EP)	40	30APR07	22JUN07			0.7	Strip/Move/Set Walkway Form (WB,SS-EP)
rcht/Mech./El	ec. Work	-					10.1	
lechanical/Pl	umbing/Equip/Metals							
	install Wet Standpipe @ 2007/Day(WB, Soto-EP)	21	25JUN07	24JUL07				Install Wet Standpipe @ 2001/Day(WB, Soto-EP)
KO9WEE10	Install Wet Standpipe @ 2007Day (EB, Soto-EP)	21	02JUL07	31JUL07				Install Wet Standpipe @ 200'/Day (EB, Soto-EP)
K14WEW020	Install Walkway Handrail @ 300'/Day (WB, Soto-EP	14	12JUL07	31JUL07				Install Walkway Handrall @ 300'/Day (WB, Soto-EP
K11WEE20	INSTL Walkway Handrail @ 300'/Day (EB, Solo-EP)	14	19JUL07	07AUG07				NSTL Walkway Handrail @ 300'/Day (EB, Soto-EP)
K13WEW030	Test Wet Standpipe (WB, Soto-EP)	3	01AUG07	03AUG07				Test Wet Standpipe (WB, Soto-EP)
K10WEE30	Test Wet Standpipe (EB, Soto-EP)	3	08AUG07	10AUG07				Test Wet Standpipe (EB, Soto-EP)
ectrical/Ligh	ting						1 14	
	Grounding and Bonding Work @ Solo Sta	20	15MAR08	11APR05		G	roundin	ing and Bonding Work @ Soto Sta
hedule A3	- Q & P for C0801 Elements	-						
rtal & Unde	raround Station						110	
the second se	Mariachi Plaza							
Excavation an								
ZES BLOOS	INSTL S Piles @Plaza Area (801)	15	OBDEC08	03JAN07				NSTL S Plies @Plaza Area (801)
ZES BL018	INSTL S Piles Stair No.7,8/Vent Area/Exits(801)	15	04JAN07	31JAN07			1 15 1	INSTL S Plies Stair No.7,8/Vent Area/Exits(801)
ZES BLO10	INSTL Temp. Deck System Plaza area (801)	20	04JAN07	09FE807			1.11	INSTL Temp. Deck System Plaza area (801)
ZES BLO20	INSTIL Temp. Deck System Stair/Vent/Exit (801)	20	01FEB07	13MAR07				INSTL Temp. Deck System Stair/Vent/Exit (801)
ZES BL015	Structure Exca/Support Plaza area (801)	30	12FEB07	06APR07				Structure Exca/Support Plaza area (801)
ZES BLO22	Struct Exca/Support Stair No.7,8/Vent/Exits(801)	15	14MAR07	06APR07			197	Struct Exca/Support Stair No.7,8/Vent/Exits(801)
Concrete / Str							180	
3SC BL025	Mariachi Sta Lower Ext. Walls 12 to 9 & End Wall	20	09APR07	08MAY07			16-5	Mariachi Sta Lower Ext. Walls 12 to 9 & End Wall
3SC BL055	Mariachi Sta Plaza Area / Exhaust Plenum #3 Slab	20	09MAY07	07JUN07			111	Mariachi Sta Plaza Area / Exhaust Plenum #3 Slab
SSC BL085	Mar Plaza Upper Ext. / Exhaust Plenum #3 Wali	20	08JUN07	09JUL07			1 30%	Mar Plaza Upper Ext. / Exhaust Plenum #3 Wall
SC BL105	Mar Plaza Landing Slab / Roof 16-13 / Exhaust #3	20		07AUG07			11.1	Mar Plaza Landing Slab / Roof 16-13 / Exhaust #3
3SC BL 160	Mariachi Sta Plaza / Exhaust #3 Ext. Upper Wali	20		06SEP07			H H H	Mariachi Sta Plaza / Exhaust #3 Ext. Upper Wall
SC BL170	Elevator/Skylight Shaft/F.A.I. #3 / Exhaust Wall	20	07SEP07	05OCT07			14.1	Elevator/Skylight Shaft/F.A.I. #3 / Exhaust Wall
3SC BL175	Mariachi Sta Emergency V. Shaft #3 Wall	15		280CT07				Mariachi Sta Emergency V. Shaft #3 Wall
Jaie	AL HADAST	IMEG				# <u>1</u>	Sheel 3	
Date	15JUL09			o Gold Line I	astside Exter	nslor	1	Dete Revision Checked Approved
Date	01MAB06							01MAR06 February 2008 Schedule Update

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Activity	Activity	Rom	Early	Early	2009 2009
ID	Description	Dur	Start	Finiah	<u>zze otne o o z trozzi prozzi z po po zaje na przez skate je z du p</u>
SSC BL180	Manachi Sta Plaza Sloping Roof and Top Roof	15	2900107	16NOV07	Mariachi Sta Plaza Sloping Roof and Top Roof
3SC BL220	Mariachi Sta Plaza Stairway #2	15	19NOV07	\$2DEC07	Mariachi Sta Plaza Slairway #2
ASC BL225	Mariachi Sta Plaza Starway #1	15	13DEC07	09JAN08	Mariachi Sta Plaza Stairway #1
	(Mozzanine Lovel)				
3ARCBW050	INSTL Mezzanine Floor Pavement/Stair (MW)	20	11JAN08	15FEB08	NSTL Mezzanine Floor Pavement/Stair (MW)
JARCBW060	INSTL Doors/Hand Rails/Painting-Mezzanine (MW)	20	18FEB08	14MAR08	Hitt. Doors/Hand Rails/Painting-Mezzanine (MW)
JARCBW065	INSTL Furnishing/Signs-Mezzanine (MW)	20	17MAR08	11APR08	BINSTL Furnishing/Signs-Mezzanine (MW)
tectrical/Light	ting				
SEL BW025	Erec. Finish (Fixtures/Switches/Switch Panel) MW	160	14APR08	25NOV08	Erec. Finish (Fixtures/Switches/Switch Panel) MW
unch List Mar	tachi Plaza Station Area for MS1				
SPC1 BW05	Preparation Punch List Mariachi Sta for MS#1	21	20NOV08	OBJANOS	Preparation Punch List Mariachi Sta for MS#1
oto Station					
xcavation and	t Support				
2ES ST060	Remove Lowest Level Struts @Soto Station	15	12MAY06	05JUN06	Remove Lowest Level Struts @Solo Station
Concrete / Stru	icture	, ,			
3SC 85005	Solo Sta Place Invert Conc Middle Section	20	12APR06	11MAY06	Soto Sta Place Invert Conc Middle Section
3SC \$5015	Soto Sta Place, Exterior Walls 4-9	20	04APR07	03MAY07	Soto Sta Place, Exterior Walls 4-9
3SC 55030	Lower interior walls 11-12	20	OHMAY07	04JUN07	Lower interior walls 11-12
3SC SS040	Soto Sta Place Mezzanine Slab 4-9, Entrance Slab	30	04MAY07	18JUN07	Soto Sta Piace Mezzanine Slab 4-9, Entrance Slab
3SC SS045	Solo Sta Place Mezzanine Slab 9-12	30	19JUN07	02AUG07	Solo Sta Place Mezzanine Slab 9-12
ASC SS055	Soto Upper Exterior Walls 4-9 Entrance Wall	30	19JUN07	02AUG07	Soto Upper Exterior Walls 4-9 Entrance Wall
39C SS050	Soto Sta Place Mezzanine Slab 1-4, Entrance Slab	30	03AUG07	17SEP07	Soto Sta Piace Mezzanine Stab 1-4, Entrance Stab
3SC SS080	Soto Upper Exterior Walls 9-12 /Air Plenum/ Exit	30	03AUG07	17SEP07	Soto Upper Exterior Walls 9-12 /Air Plenum/ Exit
3SC 88075	Soto Sia Place Roof for 4-9 Entrance Rool	30	03AUG07	17SEP07	Soto Sta Place Roof for 4-9 Entrance Roof
3SC \$5065	Soto Upper Exterior Walls 1-4 /Entrance Wall	30	18SEP07	30OCT07	Soto Upper Exterior Walls 1-4 /Entrance Wall
3SC 55080	Soto Sta Place Roof for 9-12 /Air Plenum/ Exit	30	185EP07	300CT07	Soto Sta Place Roof for 9-12 /Air Plenum/ Exit
3SC SS085	Solo Sta Place Roof for 1-4 / Entrance Roof	30	310CT07	14DEC07	Soto Sta Place Roof for 14 / Entrance Roof
		30	3100107	HADECOT	Solo Sta Place Root for 1-47 Enhance Root
	(Mezzanine Level)	30	1705 007	4455000	and the second sec
	INSTL Mezzanine Metal Ceiling (SS)		17DEC07	11FEB08 23APR08	INSTL Mezzanine Floor Pavement/Stair Granite(SS)
	INSTL Mezzanine Floor Pavement/Stair Granite(SS)	20	25MAR08	ZJAPRUS	Lo P mettaining Linni Lanamanh 2 mil Arguita 20
	imbing/Equip/Metals				
	INSTL Fire Protection - Mezzanine Level	30	12FEB06	24MAR08	INSTL Fire Protection - Mezzanine Level
	INSTL HVAC/Plumbing - Mezzanine Level	60	12FEB08	05MAY08	INSTL HVAC/Plumbing - Mezzanine Level
action Power	r System	_	_		
action Power	Construction				
Permanent Pov	Ner				
3T3 PW 15	Permanent Pwr drop(DWP) @TPS-03	180	04SEP07	15MAY08	Permanent Pwr drop(DWP) @TPS-03
sting					
action Power	System				
nstallation / FI		-			
3T3T07 15	TP Instaliation/Field Test @ TPS-03	15	15MAY08	04JUN08	TP Installation/Field Tesl @ TPS-03
late	Ac an and a second s	1460			Sheet 4 of 5
Date	15 NH 20			o Gold Line E	side Extension Dale Revision Checked Approved
late	01MAR06			T-26 Critical I	
ate	20MAR06 10.49 Critical Act Systems, Inc.	n Auf A		Current I	ecast

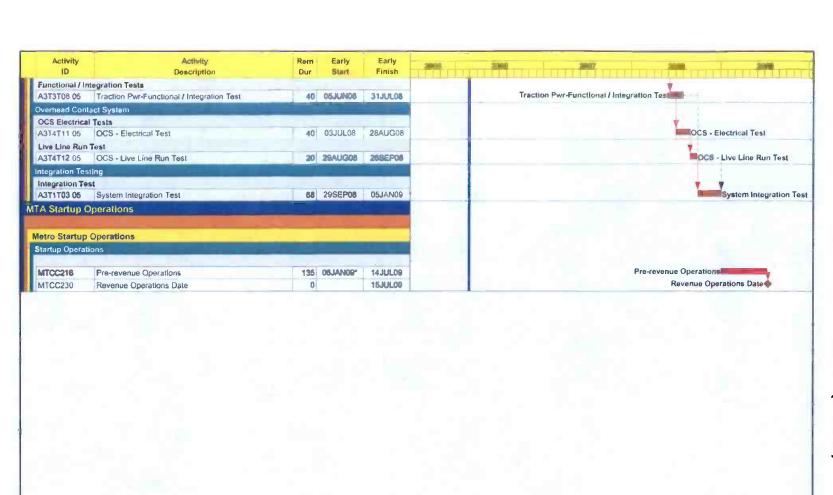
# Metro Gold Line Eastside Extension Monthly Project Status Report

February 2006

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# PROJECT MASTER SCHEDULE CRITICAL PATH (5 of 5)

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Start Date	01JUN02	Early Bar	1602	Sheet 5	of 5			_
Finish Date	15JUL09	Progress Bar		Metro Gold Line Eastside Extension	Dele 01MAR06	Revision	Checked	Approves
Data Date	01MAR06			LT-26 Critical Path Schedule	01MAR06	February 2006 Schedule Update		
Run Date © Primavera S	20MAR06 10:49	Critical Activity		Current Forecast	_			-
e Frillavera 3	yatoma, the.	and the second se					An and a second se	

#### CRITICAL PATH NARRATIVE & PROJECT STATUS

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

The eastbound tunnel excavation commenced on February 23, 2006. Although this is later than what had been initially planned, Metro is confident that this delay in schedule can be mitigated without impacting any of the project completion milestones, including the Revenue Operations Date. Metro and the C0803 Contractor are reevaluating the overall schedule, including revised tunneling rates as provided by the tunneling contractor. The revised tunneling rates will aid in mitigating some of the loss schedule time.

The critical path continues with the excavation of both tunnels, the excavation of tunnel cross passages and the construction of the tunnel invert. The critical path then becomes the construction of Boyle Heights/Mariachi Plaza and Soto Stations, and the installation of trackwork and the overhead contact system for the underground alignment. Systems equipment installation such as overhead contact system, train control, 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

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During this reporting period, the 100% final design packages were issued for review for the Little Tokyo/Arts District Station, the Pico/Aliso Station, the Boyle Heights/Mariachi Plaza Station, and Segments 2B and 4A. Also, the Segment 3A 85% civil 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 100% design,
  - 2. East L. A. Civic Center 85% station design,
  - 3. Indiana Station remaining schematic design,
  - 4. Segments 3B 85% civil design, and
  - 5. Segments 4B, 5, 6 and 7 100% civil designs.
- System Design Packages:
  - 1. Trackwork 100% design,
  - 2. Train control system 85% design, and
  - 3. Communication systems 85% design.

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

## **PROJECT COST STATUS**

ORI	ST REPORT BY ELEMEN GINAL SCOPE ACTIVITIES ARS IN THOUSANDS	Г									
	DESCRIPTION	ORIGINAL				TO DATE &		ATURES	CURRENT		EUDGET/A
С	CONSTRUCTION	633,221	-	· 662,391	690	642,410	16,599	232,413	-	662,391	-
S	SPECIAL CONDITIONS	19,494	-	20,329		15,349	548	11,587	-	20,329	-
R	RIGHT-OF-WAY	40,358	-	41,742	-	41,563	95	37,106	-	41,742	-
P	PROFESSIONAL SERVICES	135,304		135,936	10	97,550	1,664	84,125	•	135,936	-
PC	PROJECT CONTINGENCY	60,254	-	28,249		-	-	-	-	28,249	•
PR	PROJECT REVENUE	(4,617)	•	(4,633)	-	-	-	(16)	-	(4,633)	
S.	SUBTOTAL	884(014		084,014	700	<b>11</b> , 796,871	18,905	AS \$385.214		884014	
PF	PROJECT FINANCE COST	14,800	-	14,800	(422)	(1,124)		· (1,124)	•	14,800	•
		91 898 814	<b>Maker</b>	(*) 898 874	- <b></b>	795747	(H.M. 18/483)	81 364,090		447 898 814	1.004
	: EXPENDITURES ARE CUMULATIVE		ANUARY 2006		<u> </u>						

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

#### Commitments

The Commitments increased by \$0.3 million this period due to executed modifications. The \$795,7 million in Commitments to date represents 88.5% of the Original Budget.

#### Expenditures

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Expenditures are cumulative through January 2006. The Expenditures increased by \$18.5 million this period primarily due to construction costs associated with Contract C0803 – Tunnel, Stations, Trackwork, and Systems. The expenditures for this period are higher than usual due to the posting of both the December 2005 and January 2006 invoices for Contract C0803 in Metro's Financial Information System (FIS). The \$364.1 million in Expenditures to date represents 40.5% of the Original Budget.

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## **PROJECT COST STATUS**

CO	ST REPORT BY ELEMENT	Г									
COI	NCURRENT NON-FFGA PRO.	JECT ACTI	VITIES								
	LARS IN THOUSANDS			And work to be and the second of the							
	PERMIT	-ORGINAL BUDGET	CURREN	reudger / p			EXPEN	DTURES	CURRENT	FORECASTL	EBUDGET IN A
		BUDGET	PERIOD .	TO DATE :	PERIOD	onto DATE	PERIOD	TODATE	PERIOD P	TO DATE ?!	VARIANCE
C	CONSTRUCTION	18,000	-	18,000	215	6,610	80	986	-	18,000	-
S	SPECIAL CONDITIONS	-		-	-	-	-	-	-	-	-
R	RIGHT-OF-WAY	-	-	-	-	-	-	-	-	-	-
P	PROFESSIONAL SERVICES	-	-	-	· -	-	-	-	-	-	<u>:</u>
PC	PROJECT CONTINGENCY	-	-	-	-	-	-	-	-	-	-
PR	PROJECT REVENUE	-	-	-	(20)	(20)	-	-	-	-	-
	SUBTOTAL	19:000		18,000	195	. <b>19</b> 6,590.	20 T 100			16,000	
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
	AN TOTAL	18,000		18,000	24 2 d95	5 m 6 590	Sec. 101 180	A		18.000	
NOT	E: EXPENDITURES ARE CUMULATIVE	THROUGH JA	NUARY 2006	-							

### **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 \$0.2 million this period due to executed contract modifications for street restoration work and the Mangrove site utilities design. The Mangrove site utilities are considered betterments, with reimbursement from the City of Los Angeles. The Project Revenue item represents the initial commitment of funds from the City. The Commitments to date of \$6.6 million represents 36.7% of the Original Budget.

#### Expenditures

The Expenditures increased by \$0.1 million this period. The Expenditures to date of \$1.0 million represents 5.5% of the Original Budget.

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

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) COMMITN	(D/B) MENTS	(E) EXPENDI	(E/B) rures	(F) BILLED to SOUR	(F/B) FUNDING
		ANTICIPATED	AVAILABLE	\$	%	\$	%	\$	%
DERAL - SECTION 5309 NEW START (1)	490.7	490.7	76.8	403.6	82%	103.3	21%	85.2	17%
ED - SECTION 5309 FIXED GUIDEWAY	23.1	12.D	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	175.6	100%	44.2	25%	44.2	25%
ATE 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%	135.7	100%	110.5	81%
ASE REVENUES	10.1	. 10.1	10.1	10.1	100%	10.1	100%	10.1	100%
CCRUALS									
IB-TOTAL	884.0	684.0	338.7	796.9	80%	365.2	41%	321.9	36%
OP A/PROP C (INTEREST COST)	· 14.8	14.8	2.0	-1.1	•8%	-1.1	-7%	-1.1	-8%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JANUARY 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. In February 2006, LACMTA prepared the FTA grant application for submittal to the Transportation Electronic Award and Management (TEAM) System in March 2006.

RIP-STATE: LACMTA submitted a request for an AB 3090 reimbursement allocation of \$43.6 M in STP funds to the CTC for consideration at their July 2005 meeting. The CTC approved the request and supplemental agreements were executed on July 26, 2005. Funds are available for drawdown.

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. On March 2005, LACMTA resubmitted a request for approval of a LONP for \$189.2M for Phase 4 (Construction) to the CTC for consideration at the May 2005 CTC Meeting. The CTC approved the LONP for \$166.9M. TCRP funds will not be available for drawdown until Phase 4 (Construction) is completed.

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#### **FINANCIAL/GRANT STATUS**

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

		an a						in \$ millior	15	
SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANT/CIPATED	(C) TOTAL FUNDS AVAILABLE	(D) COMMITI \$	(D/B) MENTS %	(E) EXPENDI		SOUR		
FEDERAL - CMAQ		(1) 0.0			70	\$	%	\$	%	
PROP C 40%	0.0	14.0	14.0	6.6	47%	1.0	7%	0.9	7%	
PROP C 10%	4.0	4.0	4.0		0%		0%		0%	
TOTAL	18.0	18.0	18.0	6.6	37%	1.0	5%	0.9	5%	
(1) Based on March 2005 Bo NOTE: EXPENDITURES AR	ard Report. E CUMULATIVE THRC	UGH JANUAF	RY 2006.							

### 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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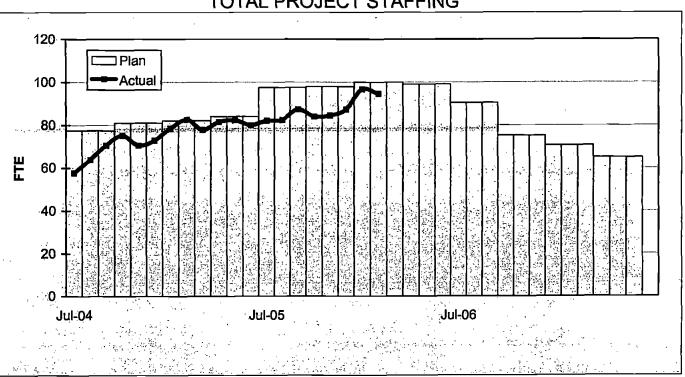
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#### **STAFFING STATUS**



#### TOTAL PROJECT STAFFING

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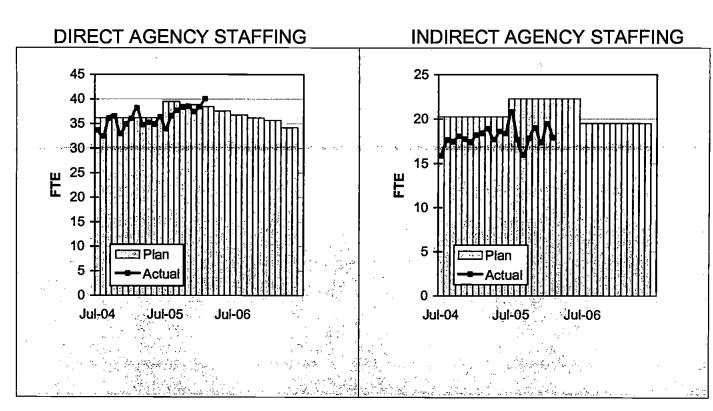
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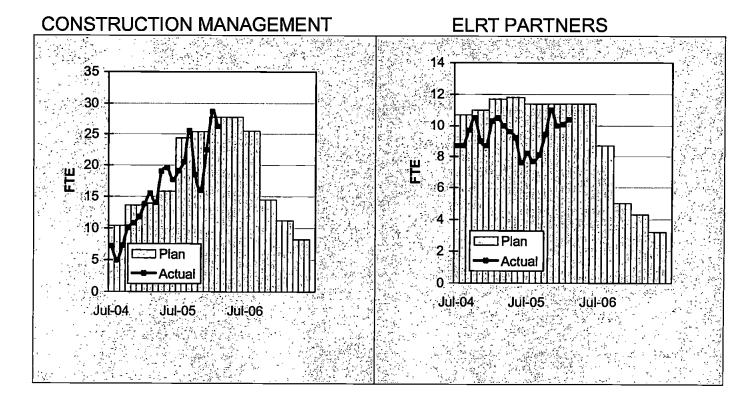
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## **STAFFING STATUS**

#### **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 67 property owners. A total of 61 parcels are available (40 under C0803-Tunnel, 19 under C0803-At-Grade, and 2 under C0802). The remaining properties are needed for the Ramona High School reconfiguration.
- 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.

			N SCHEDU		
				Behind	Schedule
Number of Parcels	Required	Acquired	Remaining Parceis to be Acquired	Number	Avg. Calendar Days
This Period	69	61	8	0	0
Last Period	69	60	9	0	0

REA	<b>LESTAT</b>		<b>JS TO DA</b> SITION PHA				· . · ·	•
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	36	4	0	0	0	40*	
C0803-At-Grade	27	22	1	3**	0	1**	19	
C0802	2	2	0	0	0	0	2	
TOTAL	69	60	5	3	0	1	61	
LAST PERIOD	69	59	5	4	0	1	60	

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

\*\* Remaining Alma parcels under negotiation

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#### **ENVIRONMENTAL STATUS**

- Cogstone prepared an inventory of all artifacts found at the Crematorium site.
- Cogstone completed the laboratory analysis of 80% of the remains removed from the Crematorium.
- The Chinese Historical Society is assisting Cogstone in the identification of remains.
- Met with Water Board regarding C0801 sump pump design.

#### **COMMUNITY RELATIONS STATUS**

- Held project briefing for the Executive Review Advisory Committee and Review Advisory Committee.
- Convened first Ad-Hoc Sub-Committee.
- Represented the Eastside Project at the Eastside Chambers luncheon featuring Senator Diane Feinstein.
- Completed coordination of settlement markers installation.
- Participated in the 11<sup>th</sup> Annual Community Job Fair.

# **QUALITY ASSURANCE STATUS**

- Coordinated with Metro Engineering and Traylor-Shea-Ghazi to resolve the issue of tunnel precast segments with deficiencies.
- Performed field inspection of tunnel segments to be repaired or scrapped.

# 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.
- Met with Metro Transit Security to discuss and resolve security issues.
- Conducted security audit with Metro Transit personnel. The audit was accepted.
- Monitored construction activities on a daily basis to ensure safety compliance.
- Conducted Tunnel Safety Awareness Training.
- ELRTC reported two recordable incidents for the month of February 2006. Project to date work-hours: 756,810. A total of 13 recordable incidents to date. Statistical rate for recordable incidents is 3.1 below the National Average of 5.6.

### ART DEVELOPMENT STATUS

Pico/Aliso Station

• Design review with Artist and Metro Art.

Soto Station

• Conference call between Artist, Contractor and Metro Art.

Maravilla Station

• Design review with Contractor and Metro Art.

Little Tokyo Station

• Design review with Contractor and Metro Art.

East Los Angeles Civic Center

• Design review with Contractor and Metro Art.

Atlantic Station

• Design review with Contractor and Metro Art.

Mariachi Plaza Station

• Design review with Contractor and Metro Art.

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# THIRD PARTY AGREEMENT STATUS

	Type of	Forecast	Required	Status/
Third Party	Agreement	Execution Date	Need Date	Comments
City of Los Angeles	Amendment	Completed	N/A	Executed December 2002.
Los Angeles County	Master	Completed		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	3/06	*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. 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.
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	Amendment	Completed	N/A	Executed May 2005.
Adelphia Cable Company	Amendment	3/06	*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.
California Water Service Company	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 Water District	Amendment	Completed	N/A	Executed May 2003.

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# THIRD PARTY AGREEMENT STATUS (Continued)

	r			///
Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	3/06	*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.
AT&T Local Services	Amendment	3/06	*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.
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	Additional application (3rd/Ditman) to be submitted. On-hold until Indiana St. alignment resolved. Should indiana Alternative alignment be Implemented, Metro will need 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
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

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
9	3rd / Marianna	17	US 101 Fwy Overcrossing
	3rd / Eastern	18	Commercial Street Overcrossing

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	CONTRACT C						
Description: 101 Freewa		Contract No. C0802 n Status as of: February 24, 2006					
Contractor: Brutoco Eng	gineering & Construction						
Progress/Work Complete	ed:	Major Activiti	es (In F	Progres	s):		
<ul> <li>Commenced concrete wing walls at</li> <li>Completed Bent No.4 formwork</li> </ul>	* Pile repair for Ben * Bridge-2 formwork * Commercial Stree * Roadway construct	c and reba t retaining	r				
Areas of Concern:		Major Activiti	os Nov	t Perior	4.		
None		* Bridge-2 concrete * Abutment No. 1 w * Bent Nos. 3 and 4 * Pile repair and ins * Commercial Stree	work ing wall co column co pection fo	onstruction oncrete r Bent No.			
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	09/15/06	-44
Original Contract Duration:	700 CD	Milestone 2- Complete All	08/23/06	37	09/29/06	01/16/07	-109
Current Contract Duration:	737 CD	Work					
Elapsed Time from NTP:	525 CD						
Physical Percent Comple	Cost Summary: \$ In millions					ons	
Physical completion * as of this report	1. Award Value: 6.42						
	2. Executed Modifications: 0.00						
* Note: Physical completion assessm	3. Approved Change Orders: 0.00						
and invoice amount shown in Caltra Expense Report No. 17.	ins Monthly Progress/	4. Current Contract Value (1+2+3):         6.42           5. Incurred Cost:         3.80					
						0.00	

# **CONTRACT C0802 STATUS**

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Description: Tunnel, Sta	tions, Trackwork &	Contract No.	C0803				
Systems Contractor: Eastside LRT Constructors		Status as of: February 24, 2006					
				-			
Progress/Work Complet	ed:	Major Activit	ies (In F	rogres	is):		
<ul> <li>Commenced eastbound tunnel mining</li> <li>Submitted Segment 3A 85% civil design package</li> <li>Submitted Segments 2B and 4A 100% civil design package</li> <li>Submitted 100% final design packages for Little Tokyo Station, Boyle/Mariachi Plaza Station, and Pico/Aliso Station</li> </ul>		<ul> <li>Eastbound tunnel mining</li> <li>Westbound EPBM testing</li> <li>Precast tunnel liner segments manufacturing</li> <li>Soto Station level-5 excavation</li> <li>East Portal crematorium retaining wall</li> <li>East Portal and West Portal Excavations</li> <li>100% station design for Soto, Maravilla, and Atlantic Stations</li> <li>85% station design for East L.A. Civic Center Station</li> <li>100% civil design for Segments 4B, 5, 6 and 7</li> <li>85% civil design for Segment 3B</li> <li>85% design for TC/Communications Systems</li> </ul>					
Areas of Concern:		* Eastbound tunne	l mi <b>nin</b> g				
None		Westbound EPBI     Soto Station leve     East Portal crema     East Portal excav     West Portal excav	I-5 excavat atorium reta vation				
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:	07/01/04 1795 CD	Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.	12/31/08	5	01/05/09	01/05/09	0
Current Contract Duration: Elapsed Time from NTP:	1800 CD 609 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
Physical Percent Comple	ete:	Cost Summa	ry:		\$1	n millio	ns
Physical completion * as of this reporting period is: 23.84%		1. Award Value:				600.45	
		2. Executed Modif	ications:			1.43	
<ul> <li>Note: Physical completion assessment reflects work completed and invoice amount.</li> </ul>		3. Approved Change Orders: 0.13					
		4. Current Contract Value (1+2+3):         602           5. Incurred Cost:         226					

#### **CONTRACT C0803 STATUS**

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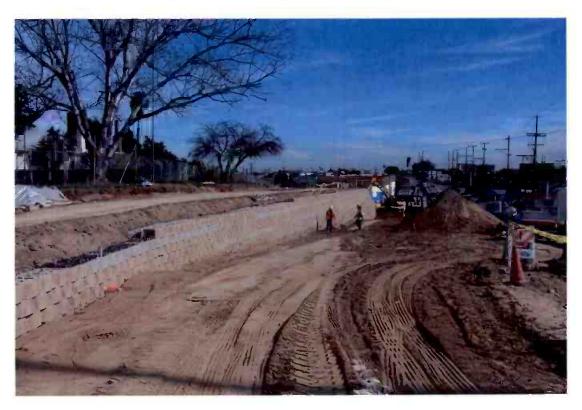
# **CONTRACT P2550 STATUS**

Description: 2550 Rail Vehicle Program	Contract No. P2550					
Contractor: Ansaldobreda, Italy	Status as of: February 24, 2006					
<ul> <li>Progress/Work Completed: <ol> <li>Proof of Design Testing and Preliminary Testing continued for the two (early delivery) 2550 LRV's. The two LRV's successfully operated on all Metro Lines and succesfully climbed the 7% grade of the MBL/MGL connector.</li> <li>The Contractor's Pittsburg, California plant is set to receive the first carshells shipped from Pistoia, Italy. Staffing at the Plant has begun and vehicle assembly should start by April 2006.</li> <li>A container, with 28 pallets of LRV components, is currenly in router from Italy. Arrival in Pittsburg, CA is scheduled for late April 2006.</li> <li>Subsequent shipments are scheduled to follow as defined in the Contract Documents.</li> </ol> </li> <li>Areas of Concern: <ol> <li>Documentation submittals are almost complete and ready for Metro approval.</li> <li>Metro's cashflow forecast for this contract are behind schedule ad steps are being taken to ease the scheduling difficulities involved in the funding process.</li> <li>Tha latest Ansaldobreda schedule (currently unapproved) indicates that car shell deliveries to Pittsburg will begin March 06 or later. This delay to the approved Contract Schedule will not affect operations.</li> </ol></li></ul>	<ul> <li>Major Activities (In Progress):</li> <li>1. Ansaldobreda is preparing LRV carshells and subassemblies for shipment to Pittsburgh final assembly plant, following shipment of car 702 from L.A. to Pittsburg.</li> <li>2. The contractor continues to work towards completion of Milestones 9A, 10A, 11A, 12A, 13A,</li> <li>3. Ansaldobreda is preparing LRV Prototype Cars 701 &amp; 702 for shipment to Pittsburgh for re-manufacture.</li> <li>Major Activities Next Period:</li> <li>1. LRV Prototype Car 702 will be sent to Pittsburgh, CA for re-manufacture.</li> <li>2. During this period the IPT will continue closely monitoring and expediting where necessary for all scheduled activities involved in constructing and supporting the P2550 rail vehicle production.</li> <li>3. Weekly teleconference meetings will continue to monitor design issues.</li> </ul>					
		Original Contract Dates	Time Extension	Current Contract	Forecast	Varlance CDs
Schedule Summary:	Notice to Proceed	06/06/03	0	06/08/03A	06/06/03A	0
Date of Award:04/24/03Notice to Proceed:06/06/03	Milestone 5A - Appr.dwgs, per Sect.1.13.1Tech Specs	05/07/04	0	05/07/04	05/29/06	752
Original Contract Duration: 1460 CD	Milestone 6A - Appr.of Operator Cab Mockup	06/04/04	0	06/04/04	05/26/06	724
Current Contract Duration:1460 CDElapsed Time from NTP:973 CD	Milestone 7A - Traction Motors Perf. Tests	11/05/04	0	11/05/04	03/10/06	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	04/28/06	492
Note: MTA issued Modification No. 1 to Ansaldobreda. Modification No.	Milestone 9A - Appr.of 1st Artcl & Final Op. Hazard Analysis	02/04/05	0	02/04/05	05/28/06	479
1 is a zero-cost, miscellaneous administrative and technical clarification modification. MTA completed Modification No. 2 that reflects the	Milestone 10A - Deliver Draft Op.Maint.H. Repair Manuals	02/11/05	0	02/11/05	04/28/06	442
recently granted California Board Of Equalization exemption for State Sales Tax on the Light Rail Vehicles.	Milestone 11A - Appr.of Ops Maint, & Training Program Lesson Plans	04/08/05	0	04/08/05	06/28/06	446
MTA and Ansaldobreda agreed to Mod No. 3 which extended the Option One ordering period from April 2006 to April 2007, effective 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 Complete:	Cost Summary	/:		\$1	n miilio	ns
Physical Work completion* as of February 2006 is 68%	1. Award Value: Pasadena (Proj. Eastside Ext. (Pr				126.99 31.75	
Percent Work Product Invoiced** through February 2006 is 24.85%			Total Awa	ard Value	158.74	
* Note: Physical Work completion assessment reflects work completed and work in progress. **Reflects percent of Contract price invoiced and paid to date.	2 Executed Modificat 3 Approved Change 4 Current Contract V. 5 Pending Changes: 6 Incurred Cost:	Orders: (N alue (1 + 2	•		0.00 0.00 158.74 0.00 52.68	



#### **CONSTRUCTION PHOTOGRAPHS**

Soto Station structural excavation.



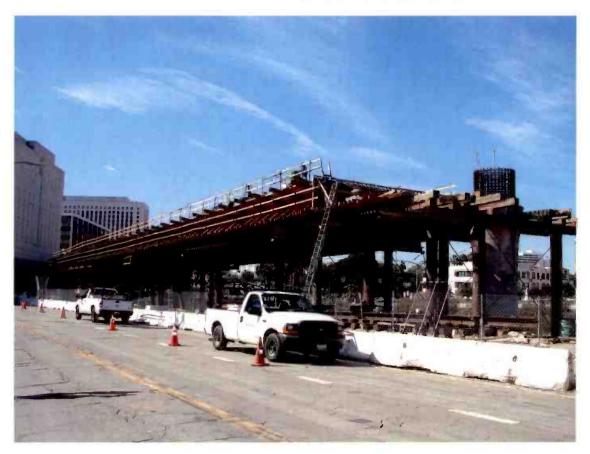
Los Angeles County Crematorium retaining wall at the East Portal.

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

## **CONSTRUCTION PHOTOGRAPHS**



Eastbound Tunnel Boring Machine in operation.



US 101 Bridge structure construction.

#### 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.

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

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# APPENDIX

# LIST OF ACRONYMS

AFE	Authorization For Expenditure
ATC	Automatic Train Control
	Computer Aided Drafting and Design
CALTRANS	California Department of Transportation
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
DBB	Design/Bid/Build
DD	Design Development
	Department of Transportation
	Department of Water and Power
EIR EIS	Environmental Impact Report 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
FTA	Federal Transit Administration
FTE	Full Time Equivalent
GDSR	Geotechnical Design Summary Report
IFB	Invitation for Bid
IPO	Integrated Project Office
JV	Joint Venture
LA	Los Angeles
LABOE	Los Angeles Bureau of Engineering
LACFCD	Los Angeles County Flood Control District
	Los Angeles County Metropolitan Transportation Authority
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 PE PEER PGL PIP PM PMA PMIP PMA PMP PMA PMP PR PSR QA QA QAR QC QPSR RAC RAG RFC RFP POD	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 Notice To Proceed 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 Manager Project Management Assistance Project Management Oversight Consultant Project Management Plan (manual) Policies & Procedures Project Study Report Quality Assurance Report Quality Assurance Report Quality Assurance Report Review Advisory Committee Rail Activation Group Request For Change Request For Propseal Bacord Of Dacision
RAG	Rail Activation Group
	• •
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	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
VE WBS	• •
WP	Work Package

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