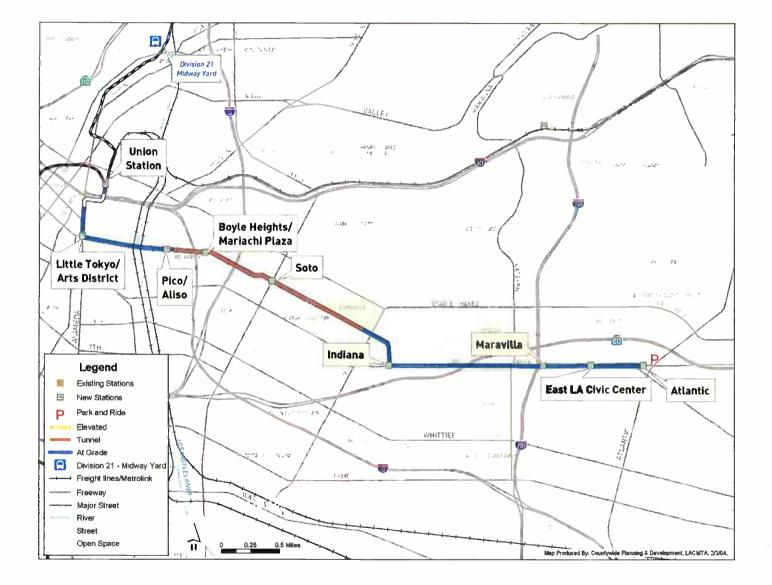
los Angeles County Metropolitan Transportation Authority

MONTHLY PROJECT STATUS REPORT

# October 2005

# Metro Gold Line Eastside Extension





# 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.

OCTOBER 2005

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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.

The 100% final design packages are underway for the Boyle Heights/Mariachi Plaza Station, Soto Station, Little Tokyo/Arts District Station, and the Pico/Aliso Station. The 85% final design packages are underway for the Maravilla Station, East L.A. Civic Station and the Atlantic Station. Civil Segments 1, 2A, 6 and 7 100% designs, and the 85% civil designs for Segments 2B, 3A, 4 and 5 are in progress. The 85% final designs for traction power, overhead contact, 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 full invert concrete slab between grid lines 1.1 and 10 was completed in October 2005 and is ready for the assembly of the Earth Pressure Balance Machines (EPBM's).

At Soto Station, the level-2 station structural excavation began in October 2005. The level-3 station structural excavation is anticipated to begin in November 2005.

The West Portal soldier pile installation has completed and was followed by the temporary street decking. The installation of the temporary street decking was completed in late October 2005. The structural excavation is planned to begin in early November 2005.

At the East Portal crematorium site, the excavation behind the existing crematorium retaining wall is nearing completion. A new retaining wall is to be constructed, that will allow street widening to continue on the north side of 1<sup>st</sup> Street. The new wall will be constructed once SBC relocates their ductbank.

Utility relocations are continuing along 3rd Street.

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The Caltrans contractor for Contract C0802 – 101 Freeway Bridge Overcrossing completed pile repairs at two locations. Placement of bridge columns is well underway. Freeway roadway construction is in progress.

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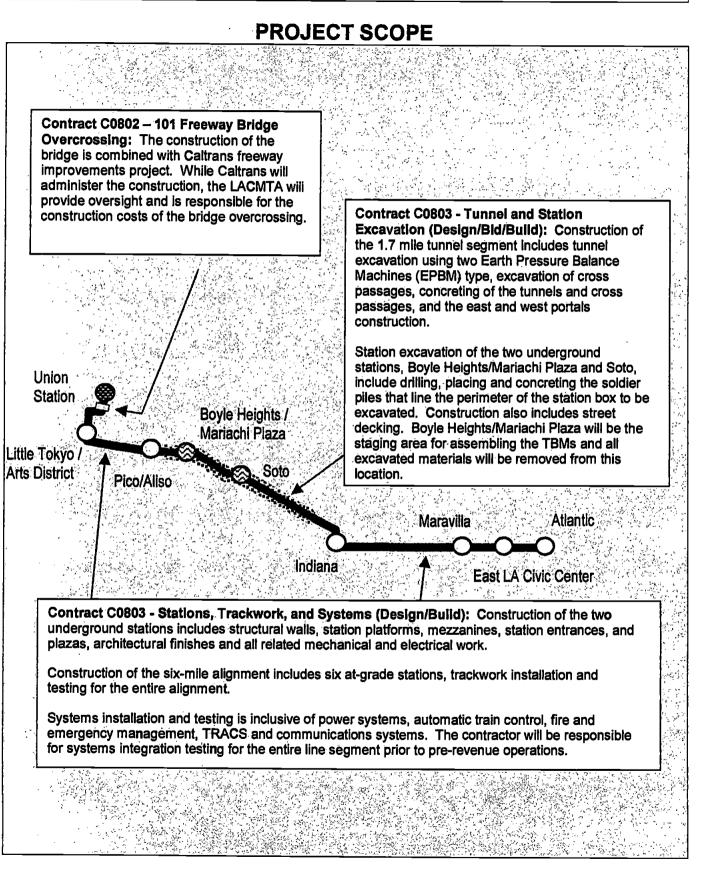
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#### MANAGEMENT ISSUES

No Management Issues for the period ending October 2005.



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

	Milestone Date	Oct-05		Dec-05			
Completed West Portal Soldier Pile Installation (including area under US-101 Freway)	10/7/05 *	0					
Commence West Portal Excavation	10/15/05 *	0					
Completed Boyle Station Full-Invert Concrete Slab Grid Line 1.1-10	10/21/05 *	0					
Demolished East Portal Existing Retaining Wall	10/21/05 *	0					
Commenced East Portal SBC Ductbank	10/24/05 *	0					
Completed West Portal Temporary Street Decking	10/24/05 *	0					
Commence Assembly of EPBM No. 1 (Eastbound Tunnel)	11/7/05 *		0				
Commence Testing of EPBM No. 1	11/21/05 *		0				
Submit 85% Civil Design-Segments 2B, 3A, 4 & 5	11/22/05		0				
Submit Boyle Station 100% Design	11/22/05		0				
Commence Assembly of EPBM No. 2 (Westbound Tunnel)	12/1/05 *			0			
Commence East Portal Temporary Street Decking	12/1/05			0			
Submit OCS & Traction Power 85% Design	12/15/05			0			
Submit 100% Civil Design-Segments 1, 2A, 6 & 7	12/22/05			0			
Commence Tunnel Mining (Eastbound)	1/12/06 *				0		
Submit Soto Station 100% Design	1/13/06				0		
Complete Soto Station Structural Excavation	2/16/06 *					0	
Submit Trackwork 100% Design	2/19/06					0	
Commence Tunnel Mining (Westbound)	2/21/06					0	
Submit Train Control & Communications 85% Design	3/15/06 *						0
LACMTA Staff Milestone Eastside Other Agencies * New Data	e LRT Constructor	 rs			1401	pproval TA Board /	Approval

Activity			art Finish	2004 2095 2006 2067 2666						
D		Dur St	art rensh							
1803 Metro	o Gold Line Eastside Extension	_	_							
chedule A2	- Q & P for C0800 Elements									
ortal & Und	erground Station									
Vest Portal 8	Mariachi Plaza Station									
Excavation an	d Support									
A2ES WB111	Remove Lowest Level Struts @Mariachi Station	5 2400	CT05A 07NOV0	Remove Lowest Level Struts @Marlachi Station						
Soto Station										
Excavation an	d Support									
A2ES ST033	Remainder of Structure Exc Level 2 @Soto Station	4 2000	CTOSA DANOVOS	Terminder of Structure Exc Level 2 @Soto Station						
A2ES ST034	Structure Support Level 2 @Soto Station	10 07N	OV05 18NOV0	Birucium Support Level 2 @Soto Station						
A2ES ST035	Structure Exc Level 3 @Soto Station	10 21N		Structure Exc Level 3 @Soto Station						
A2ES ST037	Structure Support Level 3 @Solo Station	10 07D	EC05 22DEC0	Structure Support Level 3 @Soto Station						
A2ES ST040	Structure Exc Level 4 @Solo Sta	10 27D			Structure Exc Level 4 @Soto Sta					
A2ES ST043	Structure Support Level 4 @Soto Station	10 11J/		Structure Support Level 4 @Soto Station						
A2ES ST045	Structure Exc Level 5 @Soto Sta		ANOS 16FEBO	Structure Exc Level 5 @Soto Sta						
A2ES ST053	Structure Support Level 5 @Soto Station		EB06 08MARO	Structure Support Level 5 @Soto Station						
A2ES ST054	Install Soto Station Sub-Invert Reinforcement		AR06 05APR06	Install Soto Station Sub-Invert Reinforcement						
A2ES ST055	Soto Station Sub-Invert Concrete		PR06 26APR06	Soto Station Sub-Invert Concrete						
A2ES ST056	Soto Sta Aggregate for Sub-Invert	15 08A	PROS 25APRO	Soto Sta Aggregate for Sub-Invert						
unnels		-								
Construction										
Site Work										
Site Work TK TBU060	Install Shaft Flooring & TBM Cradles	11 01N	OV05 15NOV0	Install Shaft Flooring & TBM Cradles						
and a second second	Install Shaft Flooring & TBM Cradles Remove Boyle Site Facilities	11 01N 68 15D		Install Shaft Flooring & TBM Cradles	\$					
TK TBUOGO	Remove Boyle Site Facilities				\$					
TK TBU060 TKTBS250 East Bound T	Remove Boyle Site Facilities			Remove Boyle Site Facilities	\$					
TK TBU060 TKTBS250 East Bound T	Remove Boyle Site Facilities	68 15D	EC08 17APR0	Remove Boyle Site Facilities	\$					
TK TBU060 TKTBS250 East Bound T East Bound Tr	Remove Boyle Site Facilities	68 15D 15 08N 7 11M	EC08 17APR0 0V05 30NOV0 IAY06 19MAY0	Unioad & Assemble EB TBM Mine 346' - \$T216+20.22 - \$T219+66.25(EB)	5					
TK TBU060 TKTBS250 ast Bound T East Bound Tr TKTBU090	Remove Boyle Site Facilities funnel unnel Excavation and Lining Unload & Assemble EB TBM	68 15D 15 08N 7 11M	CV05 30NOV0 AY06 19MAY0 AY06 26MAY0	Unicad & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Walk 342' - TBM thru 1st/Soto Station (EB)	5					
TK TBU060 TKTBS250 ast Bound T East Bound Tr TKTBU090 TKTEB060	Remove Boyle Site Facilities Unnel Unnel Excavation and Lining Unload & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB)	68 150 15 08N 7 11M 5 22M	EC08 17APR0 0V05 30NOV0 IAY06 19MAY0	IUnioad & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Walk 342' - TBM thru 1st/Soto Station (EB) Cutterhead/Inspect/Repair at 1st/Soto (EB)	5					
TK TBU060 TKTBS250 East Bound T East Bound Tr East Bound Tr TKTBU090 TKTEB060 TKTEB070	Remove Boyle Site Facilities	68 15D 15 08N 7 11M 5 22M 5 29M	EC08 17APR0 0V05 30NOV0 IAY08 19MAY0 IAY08 26MAY0	Remove Boyle Site Facilities IUnicad & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Nalk 342' - TBM thru 1st/Soto Station (EB) Cutterhead/Inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO						
TK TBL080 TKTBS250 ast Bound T East Bound T TKTBU090 TKTEB060 TKTEB070 TKTEB080	Remove Boyle Site Facilities	68 15D 15 06N 7 11M 5 22M 5 29M 0 05J	EC08 17APR0 OV05 30NOVO IAY08 19MAY0 IAY08 26MAY0 IAY08 02JUN00 UN05 16JUN0	Remove Boyle Site Facilities IUnicad & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Nalk 342' - TBM thru 1st/Soto Station (EB) Cutterhead/Inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO Mine 250'- 1st/Soto ST223+07.75- ST225+57.	75(EB)					
TK TBL060 TKTBS250 East Bound T East Bound T TKTBU090 TKTEB060 TKTEB070 TKTEB080 TKTEB085	Remove Boyle Site Facilities	68 150 15 06N 7 11M 5 22M 5 29M 0 05JI 10 05JI 13 19JI	EC08 17APR0 OV05 30NOVO IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN00 UN05 16JUN00 UN05 06JUL08	Remove Boyle Site Facilities IUnicad & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Nalk 342' - TBM thru 1st/Soto Station (EB) Cutterhead/Inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO Mine 250'- 1st/Soto ST223+07.75- ST225+57. Mine 617'- ST225+57.75 -CP#3 ST231+75.00	75(EB) 0 ( <b>EB</b> )					
TK TBU060 TK TBS250 East Bound T East Bound T TKTBU090 TKTEB060 TKTEB070 TKTEB080 TKTEB085 TKTEB090	Remove Boyle Site Facilities         funnel         unload & Assemble EB TBM         Mine 346' - ST216+20.22 - ST219+66.25(EB)         Walk 342' - TBM thru 1st/Soto Station (EB)         Cutterhead/Inspect/Repair at 1st/Soto (EB)         BREAK IN AT SOTO         Mine 250'- 1st/Soto ST223+07.75- ST225+57.75(EB)	68 15D 15 08N 7 11M 5 22M 5 29M 0 05JI 10 05J	EC08 17APR0 OV05 30NOVO IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN00 UN05 16JUN00 UN05 06JUL08	Remove Boyle Site Facilities Unload & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Nalk 342' - TBM thru 1st/Soto Station (EB) Cutterhead/Inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO Mine 250' - 1st/Soto ST223+07.75-ST225+57. Mine 617' - ST225+57.75 - CP#3 ST231+75.00 Mine 750'-CP#3 ST231+75.00 - CP#4 ST239	75(EB) 0 (EB) → 25.00(EB)					
TK TBL060 TK TBS250 East Bound T East Bound T TKTBU090 TKTEB060 TKTEB070 TKTEB080 TKTEB085 TKTEB090 TKTEB100	Remove Boyle Site Facilities         Unnel         Unload & Assemble EB TBM         Mine 346' - ST216+20.22 - ST219+66.25(EB)         Walk 342' - TBM thru 1st/Soto Station (EB)         Cutterhead/Inspect/Repair at 1st/Soto (EB)         BREAK IN AT SOTO         Mine 250'- 1st/Soto ST223+07.75- ST225+57.75(EB)         Mine 617'- ST225+57.75 -CP#3 ST231+75.00 (EB)	68 150 15 06N 7 11M 5 22M 5 29M 0 05JI 10 05JI 13 19JI	EC08 17APR0 CV05 30NOVO IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN00 UN06 02JUN00 UN06 08JUL00 UL06 28JUL00 UL06 17AUG0	Remove Boyle Site Facilities Unload & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Walk 342' - TBM thru 1st/Soto Station (EB) Cutturhead/Inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO Mine 250' - 1st/Soto ST223+07.75 - ST225+57. Mine 617' - ST225+57.75 - CP#3 ST231+75.00 Mine 750'-CP#3 ST231+75.00 - CP#4 ST239 Mine 628'-CP#4 ST239+25.00-SP#2 ST245	75(EB) 0 (EB) ↦25.00(EB) 5+53.49 (EB)					
TK TBL060 TK TBS250 East Bound T East Bound T TKTBU090 TKTEB060 TKTEB060 TKTEB080 TKTEB085 TKTEB080 TKTEB100 TKTEB110	Remove Boyle Site Facilities         Unnel         Unload & Assemble EB TBM         Mine 346' - ST216+20.22 - ST219+66.25(EB)         Walk 342' - TBM thru 1st/Soto Station (EB)         Cutterhead/Inspect/Repair at 1st/Soto (EB)         BREAK IN AT SOTO         Mine 617'- ST225+57.75 -CP#3 ST231+75.00 (EB)         Mine 750'-CP#3 ST231+75.00 -CP#4 ST239+25.00(EB)	68 150 15 06N 7 11M 5 22M 0 05JI 10 05JI 13 19JI 16 07J	EC08 17APR0 OV05 30NOVO IAY08 19MAY0 IAY08 26MAY0 IAY08 02JUN00 UN06 02JUN00 UN06 16JUN00 UN06 08JUL00 UL06 28JUL00 UL06 17AUG0	Remove Boyle Site Facilities Unload & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Walk 342' - TBM thru 1st/Soto Station (EB) Cutturhead/Inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO Mine 250'- 1st/Soto ST223+07.75- ST225+57. Mine 617'- ST225+57.75 -CP#3 ST231+75.00 Mine 750'-CP#3 ST231+75.00 -CP#4 ST239 Mine 628'-CP#4 ST239+25.00-SP#2 ST245 Mine 122'- SP#2 ST245+53.49-CP#5 ST245	75(EB) 0 (EB) 0+25.00(EB) 5+53.49 (EB) 16+75.00(EB)					
TK TBU060 TKTBS250 ast Bound T East Bound T TKTEB060 TKTEB060 TKTEB060 TKTEB080 TKTEB080 TKTEB000 TKTEB100 TKTEB110 TKTEB120	Remove Boyle Site Facilities           Cunnel           Unload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 617'- ST225+57.75 -CP#3 ST231+75.00 (EB)           Mine 750'-CP#3 ST231+75.00 -CP#4 ST239+25.00(EB)           Mine 628'-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)	68 150 15 08N 7 11M 5 22M 5 29M 0 05J 10 05J 10 05J 13 19J 16 07J 14 31J	EC08 17APR0 OV05 30NOVO IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN00 UN06 02JUN00 UN06 16JUN00 UN08 08JUL08 UL08 28JUL08 UL08 17AUG0 UG06 22AUG0	Remove Boyle Site Facilities           IUnload & Assemble EB TBM           Mine 346' - \$T216+20.22 - \$T219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/inspect/Repair at 1st/Soto (EB)           PBREAK IN AT SOTO           Table 250'- 1st/Soto ST223+97.75- \$T225+57.           Mine 621'- \$T225+57.75 - CP#3 \$T231+75.00           Mine 628'-CP#4 \$T239+25.00 - CP#4 \$T239           Mine 122'- \$P#2 \$T245+53.49-CP#5 \$T244           Mine 725'- CP#5 \$T246+75.00 - ML \$T25	75(EB) 0 (EB) 0+25.00(EB) 6+53.49 (EB) 16+75.00(EB) 54+00 (EB)					
TK TBU060 TKTBS250 East Bound T East Bound T TKTEB060 TKTEB070 TKTEB070 TKTEB085 TKTEB085 TKTEB090 TKTEB100 TKTEB110 TKTEB120 TKTEB130	Remove Boyle Site Facilities           Curnel           unnel Excavation and Lining           Unload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 750'-CP#3 ST231+75.00 (EB)           Mine 628'-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)           Mine 628'-CP#4 ST239+25.00-SP#2 ST246+75.00(EB)	68 15D 15 08N 7 11M 5 22M 0 05J 10 05J 10 05J 11 31J 16 07J 14 31J 3 18A	EC08 17APR0 OV05 30NOV0 IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN08 UN06 08JUL08 UN06 08JUL08 UL06 28JUL08 UL06 17AUG0 UL06 17APR0 ISON INFORMATION	Remove Boyle Site Facilities           IUnload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           PBREAK IN AT SOTO           Mine 250'- 1st/Soto ST223+97.75- ST225+57.           Mine 626'-CP#4 ST231+75.00           Mine 628'-CP#4 ST231+75.00 -CP#4 ST231           Mine 725'- CP#5 ST246+75.00 - ML ST25           Mine 600'- ML ST254+00 - Fresno ST26	75(EB) 0 (EB) ++25.00(EB) 5+53.49 (EB) 16+75.00(EB) 54+00 (EB) 50+00 (EB)					
TK TBL060 TKTBS250 East Bound T East Bound T TKTEB060 TKTEB070 TKTEB080 TKTEB080 TKTEB080 TKTEB100 TKTEB110 TKTEB120 TKTEB130 TKTEB140	Remove Boyle Site Facilities           Curnel           Curnel Excavation and Lining           Unload & Assemble EB TBM           Mine 346* - ST216+20.22 - ST219+66.25(EB)           Walk 342* - TBM thru 1st/Soto Station (EB)           Culterhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 250* 1st/Soto ST223+07.75 - ST225+57.75(EB)           Mine 617* ST225+57.75 - CP#3 ST231+75.00 (EB)           Mine 617* ST221+75.00 - CP#4 ST239+25.00(EB)           Mine 628*-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)           Mine 122* SP#2 ST245+53.49-CP#5 ST246+75.00(EB)           Mine 725* CP#5 ST246+75.00 - ML ST254+00 (EB)	68         15D           15         08N           7         11M           5         22M           0         05JI           10         05JI           13         16JJ           14         31J           3         18A           15         23A           13         143	EC08 17APR0 OV05 30NOV0 IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN00 UN06 16JUN00 UN06 08JUL00 UN06 08JUL00 UL06 17AUG0 UL06 17AUG0 UL06 13SEP0	Remove Boyle Site Facilities           IUnload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutturhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 250' - 1st/Soto ST223+07.75-ST225+57.           Mine 250' - 1st/Soto ST223+07.75-ST225+57.           Mine 617' - ST225+57.75 - CP#3 ST231+75.00           Mine 750' - CP#4 ST239           Mine 628' - CP#4 ST239+25.00 - SP#2 ST244           Mine 725' - CP#5 ST246+75.00 - ML ST25           Mine 600' - ML ST254+00 - Fresno ST264+00           Mine 433' - Fresno ST260+00 - ST264+35	75(EB) 0 (EB) ++25.00(EB) 5+53.49 (EB) 16+75.00(EB) 54+00 (EB) 50+00 (EB)					
TK TBL060 TKTBS250 East Bound T East Bound T TKTEB060 TKTEB070 TKTEB080 TKTEB080 TKTEB080 TKTEB100 TKTEB110 TKTEB120 TKTEB130 TKTEB130 TKTEB140 TKTEB150	Remove Boyle Site Facilities           Cunnel           Cunnel Excavation and Lining           Unload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 250' 1st/Soto ST223+07.75 - ST225+57.75(EB)           Mine 617' ST225+57.75 - CP#3 ST231+75.00 (EB)           Mine 628'-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)           Mine 122' SP#2 ST245+53.49-CP#5 ST246+75.00(EB)           Mine 725' CP#5 ST246+75.00 - ML ST254+00 (EB)           Mine 600'- ML ST254+00 - Fresno ST260+00 (EB)	68         15D           15         08N           7         11M           5         22M           0         05JI           10         05JI           13         16JJ           14         31J           3         18A           15         23A           13         143	EC08 17APR0 OV05 30NOV0 IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN08 UN06 08JUL08 UN06 08JUL08 UL06 28JUL08 UL06 17AUG0 UL06 17APR0 ISON INFORMATION	Remove Boyle Site Facilities           IUnload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           PBREAK IN AT SOTO           Mine 250'- 1st/Soto ST223+97.75- ST225+57.           Mine 626'-CP#4 ST231+75.00           Mine 628'-CP#4 ST231+75.00 -CP#4 ST231           Mine 725'- CP#5 ST246+75.00 - ML ST25           Mine 600'- ML ST254+00 - Fresno ST26	75(EB) 0 (EB) ++25.00(EB) 5+53.49 (EB) 16+75.00(EB) 54+00 (EB) 50+00 (EB)					
TK TBL060 TKTBS250 ast Bound T East Bound T TKTEB060 TKTEB070 TKTEB070 TKTEB085 TKTEB085 TKTEB090 TKTEB100 TKTEB110 TKTEB120 TKTEB130 TKTEB130 TKTEB150 TKTEB160 TKTEB160 TKTEB170	Remove Boyle Site Facilities           Funnel           Unload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 617'- ST225+57.75 (CPW3 ST231+75.00 (EB)           Mine 617'- ST225+57.75 (CPW3 ST231+75.00 (EB)           Mine 628'-CP#4 ST239+25.00-SP#2 ST245+53.49 (EB)           Mine 628'-CP#4 ST239+25.00-SP#2 ST245+75.00(EB)           Mine 725'-CP#3 ST246+75.00 - ML ST254+00 (EB)           Mine 600'- ML ST254+00 - Fresno ST260+00 (EB)           Mine 600'- ML ST254+00 - ST264+33.2 (EB)           Mine 433'- Fresno ST260+00 - ST264+33.2 (EB)           MINING EB TUNNEL COMPLETE	68 15D 15 08N 7 11M 5 22M 0 05J 10 05J 10 05J 10 05J 13 18J 14 31J 3 18A 15 23A 13 14S 9 03O	EC08 17APR0 OV05 30NOV0 IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN08 UN06 18JUN00 UN06 18JUN0 UN06 28JUL08 UL06 28JUL08 UL06 17AUG0 UL06 17AUG0	Remove Boyle Site Facilities           IUnload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342' - TBM thru 1st/Soto Station (EB)           Cutturhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 250' - 1st/Soto ST223+07.75-ST225+57.           Mine 250' - 1st/Soto ST223+07.75-ST225+57.           Mine 617' - ST225+57.75 - CP#3 ST231+75.00           Mine 750' - CP#4 ST239           Mine 628' - CP#4 ST239+25.00 - SP#2 ST244           Mine 725' - CP#5 ST246+75.00 - ML ST25           Mine 600' - ML ST254+00 - Fresno ST264+00           Mine 433' - Fresno ST260+00 - ST264+35	75(EB) 0 (EB) ++25.00(EB) 5+53.49 (EB) 16+75.00(EB) 54+00 (EB) 50+00 (EB)					
TK TBL060 TK TBS250 East Bound T East Bound T TKTEB060 TKTEB070 TKTEB080 TKTEB085 TKTEB085 TKTEB100 TKTEB100 TKTEB110 TKTEB130 TKTEB130 TKTEB140 TKTEB150 TKTEB160	Remove Boyle Site Facilities           Cunnel           Cunnel Excavation and Lining           Unload & Assemble EB TBM           Mine 346' - ST216+20.22 - ST219+66.25(EB)           Walk 342 - TBM thru 1st/Soto Station (EB)           Cutterhead/Inspect/Repair at 1st/Soto (EB)           BREAK IN AT SOTO           Mine 250' 1st/Soto ST23+07.75 - ST225+57.75(EB)           Mine 617' ST225+57.75 - CP#3 ST231+75.00 (EB)           Mine 617' ST235+57.75 - CP#3 ST231+75.00 (EB)           Mine 628'-CP#4 ST239+25.00 - CP#4 ST329+25.00(EB)           Mine 122' SP#2 ST245+53.49-CP#5 ST246+75.00(EB)           Mine 725' CP#5 ST246+75.00 - ML ST254+00 (EB)           Mine 600'- ML ST254+00 - Fresno ST260+00 (EB)           Mine 433'- Fresno ST260+00 - ST264+33.2 (EB)	68 15D 15 08N 7 11M 5 22M 0 05J 10 05J 10 05J 10 05J 11 05J 13 18J 14 31J 3 18A 15 23A 15 23A 15 23A 15 23A 16 07J 10 05J 10 05J 11 18 J 11 18 J 13 18 J 14 31 J 15 23A 15 23A 16 07J 10 05J 10 05J	EC08 17APR0 OV05 30NOV0 IAY08 19MAY0 IAY08 28MAY0 IAY08 02JUN08 UN06 08JUL08 UL06 28JUL08 UL08 28JUL08 UL08 17AUG0 UL08 17AUG0	Remove Boyle Site Facilities Unload & Assemble EB TBM Mine 346' - ST216+20.22 - ST219+66.25(EB) Walk 342' - TBM thru 1st/Soto Station (EB) Culturhead/inspect/Repair at 1st/Soto (EB) BREAK IN AT SOTO Mine 250' - 1st/Soto ST223+07.75- ST225+57. Mine 617' - ST225+57.75 - CP#3 ST231+75.00 Mine 750' - CP#3 ST231+75.00 - CP#4 ST239 Mine 628' - CP#4 ST239+25.00 - SP#2 ST244 Mine 122' - SP#2 ST246+75.00 - ML ST25 Mine 433'- Fresno ST260+00 - ST264+ Mine 433'- Fresno ST260+00 - ST264+ Mine 600'- ML ST250+00 - ST264+ Mine 600'- ML ST250+00 - ST264+ Mine 600'- ML ST250+00 - ST264+	75(EB) 0 (EB) 0 +25.00(EB) 0 +53.49 (EB) 16+75.00(EB) 54+00 (EB) 50+00 (EB) 33.2 (EB)					

# Metro Gold Line Eastside Extension Monthly Project Status Report PROJECT MASTER SCHEDULE

October 2005

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Activity	Activity	Rem	Early	Early	2004 2005	1	2006	2007 2008 20			
ID	Description	Dur	Start	Finish				<u>Ta sa putti se so putto pa se a consecta a so a</u>			
TKTEB180	Remove EB TBM/BU at East Portal	15	16OCT06	03NOV06		-		Remove EB TBM/BU at East Portal			
TKTBU210	Remove Shaft Trackwork & Facilities at Manachi	5	15DEC06	22DEC06				Remove Shaft Trackwork & Facilities at Mariac			
East Bound To						1					
TK CSE001	MOBILIZE SOTO SITE	0						MOBILIZE SOTO SITE			
TK CSE003	Setup Concrete Facilities @ Soto Station	10	02NOV06	15NOV06				Setup Concrete Facilities @ Soto Station			
TK CSE005	Install Conc. Lines & Hoppers in Shaft	5	08NOV06	14NOV06				Install Conc. Lines & Hoppers in Shaft			
TKCEE023	Move Concrete Operation to East Portal	10	23FEB07	08MAR07				Move Concrete Operation to East Portal			
TKCEE025	SOTO STATION TURNOVER BY TFK	0		08MAR07			1	SOTO STATION TURNOVER BY TFK			
West Bound	Tunnel							<i>u</i> ,			
West Bound T	unnel Excavation and Lining						111				
TKTBU080	Unload & Assemble WB TBM	15	01DEC05	27DEC05		7 1	7.1	semble WB TBM			
TKTBU120	Test WB TBM	31	28DEC05	20FEB06		1 1 1 1	st WB 1				
TKTWB010	Mine 50' -Bury TBM ST191+17.55 -ST191+67.55 (WB)	20	21FEB06	20MAR06			Mine 50'	-Bury TBM ST191+17.55 -ST191+67.55 (WB)			
TKTWB015	Mine 100' -ST191+67.55 - ST192+67.55 (WB)	6	21MAR06	28MAR06		Mine 100' -ST191+67.55 - ST192+67.55 (WB)					
TKTWB020	Mine 150' - ST192+67.55 - ST194+17.55 (WB)	9	29MAR08	10APR06			Mine 1	0' - ST192+67.55 - ST194+17.55 (WB)			
TKTWB030	Mine 607' -ST194+17.55 - CP#1 ST200+24.22 (WB)	13	11APR06	27APR06			Mine 6	07' -ST194+17.55 - CP#1 ST200+24.22 (WB)			
TKTWB040	Mine 746' -CP#1 ST200+24.22-CP#2 ST207+70.40	16	28APR06	19MAY05			Mine	746' -CP#1 ST200+24.22-CP#2 ST207+70.40			
TKTWB050	Mine 849' -CP#2 ST207+70.40 - ST216+19.11 (WB)	18	22MAY06	14JUN08			Min	849' -CP#2 ST207+70.40 - ST216+19.11 (WB)			
TKTWB060	Mine 347 - ST216+19.11 - ST219+66.25 (WB)	7	15JUN06	23JUN06			Min	e 347 - ST216+19.11 - ST219+66.25 (WB)			
TKTWB070	Walk 342' - TBM thru 1st/Soto Station (WB)	5	26JUN06	30JUN06			Wa	Ik 342' - TBM thru 1st/Soto Station (WB)			
TKTWB080	Cutterhead/inspect/Repair at 1st/Solo (WB)	5	03JUL06	10JUL06			4Ci	Itterhead/Inspect/Repair at 1st/Soto (WB)			
TKTWB065	BREAK IN AT SOTO (WB)	0	11JUL05				<b>•</b> 8	REAK IN AT SOTO (WB)			
TKTWB090	Mine 250'-1st/Soto ST223+07.75 -ST225+57.75 (WB)	10	11JUL06	24JUL06			ĘM	Ine 250'-1st/Soto ST223+07.75 -ST225+57.75 (WB)			
TKTWB100	Mine 618' -ST225+57.75 - CP #3 ST231+76.18 (WB)	13	25JUL06	10AUG08				line 618' -ST225+57.75 - CP #3 ST231+76.18 (WB)			
TKTWB110	Mine 750'-CP#3ST231+76.18 -CP#4 ST239+26.18	16	11AUG06	01SEP06				Mine 750'-CP#3ST231+76.18 -CP#4 ST239+26.18 (WE			
TKTWB120	Mine 628'-CP#4 ST239+26.18-SP#2 ST245+54.67	13	05SEP06	21SEP06			11	Mine 628'-CP#4 ST239+26.18-SP#2 ST245+54.67 (W			
TKTWB130	Mine 122'-SP#2 245+54.67- CP#5 ST246+76.18(WB)	3	22SEP06	26SEP08				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	27SEP06	170СТ06				Mine 724'-CP#5 ST246+76.18 - ML ST254+00 (WB)			
TKTWB150	Mine 600'-ML ST254+00 - Fresno ST260+00 (WB)	13	1800006	03NOV06				Mine 600'-ML ST254+00 - Fresno ST260+00 (WB)			
TKTWB160	Mine 433'-at Fresno ST260+00 - ST264+332 (WB)	10	06NOV06	17NOV06				Mine 433'-at Fresno ST260+00 - ST264+33.2 (WB)			
TKTWB170	MINING WB TUNNEL COMPLETE	0		17NOV06				MINING WB TUNNEL COMPLETE			
TKTWB180	Remove WB TBM/BU at East Portal	15	20NOV08	14DEC06				Remove WB TBM/BU at East Portal			
TKTWB190	MARACHI PLAZA STATION TURNOVER BY TFK	0	15DEC06					MARACHI PLAZA STATION TURNOVER BY TF			
West Bound T	unnel Invert						TIL				
TK CSW040	Lift Rail & Clean Invert (Heavy) (WB)	12	20NOV06	06DEC06				Lift Rail & Clean Invert (Heavy) (WB)			
TK CSW050	Assemble/Install Invert Form (WB)	5	05DEC06	11DEC06				Assemble/Install Invert Form (WB)			
TK CSW070	Place/Finish Invert Concrete (WB)	32	12DEC06	26JAN07			1	Place/Finish Invert Concrete (WB)			
	unnel Walkway										
TK CSW090	Assemble/install Walkway Form (WB)	3	27DEC06	29DEC06				Assemble/Install Walkway Form (WB)			
TK CSW100	Strip/Move/Set Walkway Form (WB)	31	02JAN07	14FEB07				Strip/Move/Set Walkway Form (WB)			
TK CSW110	Place/Finish Walkway Concrete (WB)	man and	08JAN07	22FEB07				Place/Finish Walkway Concrete (WB)			
		-		a a worr				- addr. mon transa on one (110)			
t Date sh Date a Date	01JUN02 Early Bar 15JUL09 Progress B 01N0V05 16:02 Critical Act		Metr		Sheet 2 of 6 astside Extension Path Schedule	Dete 1NOV05 Or	ctober 200	Revision Checked Approv			

PROJECT MASTER SCHEDULE

Activity	Activity Description	Rem i	Early Start	Early Finish	2004 2005	2006 2007 2008 2009
Archt./Mech./E	second	Dut	otart	T tinsti		AA AA
Electrical/Light						
	Grounding and Bonding Work @ Soto Sta	20	09MAR06	05APR06		Grounding and Bonding Work @ Soto Sta
and the owner where the party of the local division of the local d	Q & P for C0801 Elements					
			_			
and the second se	erground Station	_	-	-		
	/ Mariachi Plaza					
Excavation and		45	15DEC06	10JAN07		NSTL S Piles @Plaza Area (801)
A2ES BL005	INSTL S Piles @Plaza Area (801)	15	12JAN07	07FEB07		INSTL S Piles Stair No.7,8/Vent Area/Exits(801)
A2ES BL018 A2ES BL010	INSTL S Piles Stair No.7,8/Vent Area/Exits(801)	20	12JAN07	16FEB07		INSTL Temp. Deck System Piaza area (801)
	INSTL Temp. Deck System Plaza area (801)	20	09FEB07	20MAR07		INSTL Temp. Deck System Statr/Vent/Exit (801
A2ES BL020	INSTL Temp. Deck System Stair/Vent/Exit (801)	30	19FEB07	12APR07		Structure Exca/Support Plaza area (801)
A2ES BL015 A2ES BL022	Structure Exca/Support Plaza area (801)		21MAR07	12APR07	Struct Exca/Suppor	t Itair No.7,8/Vent/Exits(801)
Parties and	Struct Exca/Support Stair No.7,8/Vent/Exits(801)	10	4. TWD47007	1200 1007	so	
A3SC BL025	Manachi Sta Lower Ext. Walls 12 to 9 & End Wall	20	13APR07	14MAY07	Mariachi Sta Lowe	Ext. Walls 12 to 9 & End Wall
A3SC BL025 A3SC BL055	Mariachi Sta Lower Ext. Walls 12 to 9 & End Wall Mariachi Sta Plaza Area / Exhaust Plenum #3 Slab	20	15MAY07	13JUN07		area / Exhaust Plenum #3 Slab
A3SC BL055	Manachi Sta Plaza Area / Exhaust Plenum #3 Slat	20	14JUN07	13JUL07		Ext. / Exhaust Plenum #3 Wall
A3SC BL005	Mar Plaza Upper Ext. / Exhaust Plenutil #3 wait Mar Plaza Landing Slab / Roof 16-13 / Exhaust #3	20	16JUL07	130L07		ding Slab / Roof 16-13 / Exhaust #3
A3SC BL160	Mariachi Sta Plaza / Exhaust #3 Ext. Upper Wall	20	14AUG07	12SEP07		Plaza / Exhaust #3 Ext. Upper Wall
A3SC BL170	Elevator/Skylight Shaft/F A.I. #3 / Exhaust Wall	20	13SEP07	110CT07		Skylight Shaft/F.A.I. #3 / Exhaust Wall
A3SC BL175	Manachi Sta Emergency V. Shaft #3 Wall	15	120CT07	01NOV07		Ariachi Sta Emergency V, Shaft #3 Wall
A3SC BL180	Manachi Sta Plaza Sloping Roof and Top Roof	- for an and the	02NOV07	26NOV07	Maria	chi Sta Plaza Sloping Roof and Top Roof
A3SC BL220	Manachi Sta Plaza Stairway #2		27NOV07	18DEC07		Mariachi Sta Plaza Stairway #2
A3SC BL225	Mariachi Sta Plaza Stairway #1	-	19DEC07	17.JAN08		Mariachi Sta Plaza Stairway #
	(Mezzanine Level)		100100			
states of the second se	INSTL Mezzanine Floor Pavement/Stair (MW)	20	18JAN08	22FEB08		INSTL Mezzanine Floor Pavement/Stair (MW)
A3ARCBW060		20	26FEB08	02APR08	INS	Doors/Hand Rails/Painting-Mezzanine (MW)
	INSTL Furnishing/Signs-Mezzanine (MW)	20	03APR08	01MAY08		INSTL Furnishing/Signs-Mezzanine (MW)
Electrical/Light						
A3EL BW015	Rough Electrical (Conduit, Boxes, Wiring) MW	160	03APR08	26NOV08		Rough Electrical (Conduit, Boxes, Wiring) MW
AJEL BW025	Erec. Finish (Fixtures/Switches/Switch Panel) MW	160	03APR08	26NOV08		Finish (Fixtures/Switches/Switch Panel) MW
	riachi Plaza Station Area for MS1					
	Preparation Punch List Mariachi Sta for MS#1	20	28NOV08	26DEC08		Preparation Punch List Mariachi Sta for MS#1
Soto Station						
Excavation and	1 Support		-			
A2ES ST060	Remove Lowest Level Struts @Soto Station	15	27APR05	19MAY06		Remove Lowest Level Struts @Soto Station
Concrete / Stru		1				
A3SC SS015	Soto Sta Place, Exterior Walls 4-9	20	13MAR07	12APR07		Soto Sta Place, Exterior Walls 4-9
A3SC SS010	Soto Sta Place Sump Pit Invert Conc Hammer Heads	20		12APR07	Soto Sta Piace Sump Pit	nvert Conc Hammer Heads
A3SC 55030	Lower interior walls 11-12	20		14MAY07		Lower Interior walls 11-12
			THE R. LEWIS			
t Dale	01JUN02 Early Bar	M51	0		Sheet 3 of 6	provide the second s
sh Date	15JUL09	Bar			stside Extension	Date Revision Checked Approved V0V05 October 2005 Schedule Update
Date	01NOV05 21NOV05 16:02			T-26 Critical P	ath Schedule	TO ADD INCOME TO DECISION CONTRACTOR CONTRAC

PROJECT MASTER SCHEDULE

Activity	Activity Description	Rem	Early Start	Early	2004 2005	2006	2007	2008	2009
A3SC SS020	Soto Sta Place Exterior Walls 9-12, End Wall	20		14MAY07			Soto Sta P	lace Exterior Walls 9-	12 End Wall
A3SC SS040	Soto Sta Place Mezzanine Slab 4-9. Entrance Slab	30	13APR07	29MAY07	Soto Sta Place Mezza	nine Slab 4-9. Entrance		acc Exterior mena 3.	The server train
A3SC SS025	Soto Sta Place Exterior Walls 1-4. End Wall	20	15MAY07	13JUN07	0-00-00-00-00-00-00-00-00-00-00-00-00-0		T	Place Exterior Walls	1.4 End Wall
A3SC SS025	Soto Sta Place Mezzanine Slab 9-12	30	30MAY07	13JUL07				a Place Mezzanine SI	
A3SC SS045	Soto Upper Exterior Walls 4-9 Entrance Wall	30	30MAY07	13JUL07	Soto Upper	cterior Walls 4-9 Entran	¥ .	in a loce measuring of	00 3-1X
A3SC SS035	Lower interior walls 1-2	15	14JUN07	06JUL07	Coto opport			terior walls 1-2	
A3SC SS050	Soto Sta Place Mezzanine Slab 1-4, Entrance Slab	30	16JUL07	27AUG07	Soto Sta Place	ezzanine Siab 1-4, Entr		ILCITION WAITS 1-2	
A3SC SS060	Soto Upper Exterior Walls 9-12 /Air Plenum/ Exit	30	16JUL07	27AUG07		erior Walls 9-12 /Air Ple	*	and the state of the second	
A3SC SS075	Soto Sta Place Roof for 4-9 Entrance Roof	30	16JUL07	27AUG07		Place Roof for 4-9 Entra			
A3SC SS065	Soto Upper Exterior Walls 1-4 /Entrance Wall	30	28AUG07	110CT07		er Exterior Walls 1-4 /E	4		
A3SC SS080	Soto Sta Place Roof for 9-12 /Air Plenum/ Exit	30	28AUG07	110CT07		lace Roof for 9-12 /Air			
A3SC SS085	Soto Sta Place Roof for 1-4 / Entrance Roof	30	12OCT07	26NOV07		Sta Place Roof for 1-4/		-	
A3SC SS090	Platform walls 5-11	20	18.JAN08	22FEB08				Platform walls 5	41
A3SC SS005	Platform walls 1-5	20	26FEB06	02APR08				Platform walls	
A3SC SS100	Platform slab 5-11	20	26FEB08	02APR08				Platform slab	
A3SC SS105	Platform slab 1-5	20	03APR08	01MAY08				Platform slat	
A3SC SS120	Stairways/Escalator Sloping Invert (Platform)	17		28MAY08		Stairways/Escalato	r Sloping Invert (P		
1	(Platform Level)		00100 (100	20101100				1	
A3ARCSS005		30	27NOV07	17,JAN08		INSTL Platform	Metal Ceiling (SS)		
A3ARCSS010		17	05MAY08	28MAY08			form Edge Pavem	W.	
A3ARCSS015		20		25JUN08		INSTL Platform Floor P			
A3ARCSS020		20		24JUL08		INSTL Doors/Hand			
A3ARCSS025		20	25JUL08	22AUG08			urnishing/Signs-P		
A3ARCSS030		20	25JUL08	22AUG08			ication Systems-P		
	(Merzenine Level)	mo							
Contraction of the Owner of the	INSTL Communication System-Mezzanine (SS)	20	25JUL08	22AUG08		INSTL Communi	cation System-Me	zzanine (SS)	
	ntact System (OCS)								
Tension Secti		-	-	All PROPERTY AND					
			-	-					
Construction A3OCSTS205	Sta 134+80.95-172+31 Install OCS Poles	4	26DEC07	02JAN08		Sta 134+80.95-172+31	Install OCS Poles	4	
	Sta 134+80.95-172+31 Install OCS Poles Sta 134+80.95-172+31 Dei to Site/Insti C Arms	14		29JAN08	Sta	134+80.95-172+31 Del 1			
		14	USUMPUD	28074405			o one made o Perio	-	
Tension Secti	on J								
Construction	Sta 170+90-219+55 Del to Site/Install C Arms	5	30JAN08	06FEB08		Sta 170+90-219+55 Del t	o Site/Install C Am	nel	
A3OCSTS310 A3OCSTS315		20		14MAR08		+90-219+55 WBDel to \$		*	
A3OCSTS315 A3OCSTS335			18MAR08	14MAR08		170+90-219+55 EBDel to			
		20	TOWARUS	1797700					
Tension Secti	Ion 4	_						4	
Construction	Cr. 247, 22 277, 24 CDD+14- City flags COTT A	20	1840000	104441/00		ta 217+32-277+84 EBDe	to Site/Insti SCE	TAREN	
A3OCSTS435 A3OCSTS440		20		19MAY08 22MAY08			-32-277+84 EB Str		
A30CSTS440 A30CSTS445	Sta 217+32-277+84 EB String Wire	3		22MAY08 30MAY08		Sta 217+32-277+84 EB			
1	04 HW102	D M5		JUNIATUS	Sheet 4 of 6		THAT DEP TRANSIES	a a a a tribil	
int Date ish Date la Date in Date	01JUN02 15JUL09 01N0V05 21N0V0516:02 Systems, Inc.	Bar	Metr	o Gold Line E T-26 Critical Current	tside Extension 01NO	NGS October 2005 Schedu	Revision le Update	Checked	Approved

PROJECT MASTER SCHEDULE

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October 2005

Monthly Project Status Report	Metro Gold Line Eastside Extension
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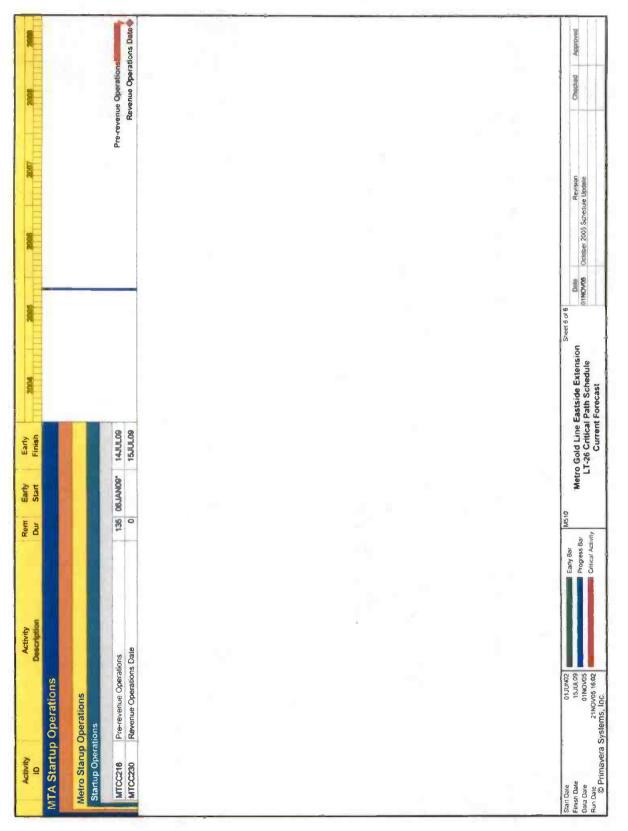
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# PROJECT MASTER SCHEDULE CRITICAL PATH (5 of 6)

	Activity	Rem	Early	Early	2165 2006 2017 2018 200
ID	Description	Our	Start	Finish	
A3OCSTS450	Sta 217+32-277+84 EB Tension Wire	2	03JUN08	04JUN08	Sta 217+32-277+84 EB Tension Wire
raction Pow	ver System				
Traction Powe	er Station TPS-02				
Construction			10.000	12 M	
A3TP P2040	TP-02 INSTL TP Equipment	10	23JAN08	08FEB08	TP-02 INSTL TP Equipme
A3TP P2050	TP-02 - Cabling and Termination w/in site	10	11FEB08	27FE806	TP-02 - Cabling and Termination w/in site
A3TP P2045	TP-02 Install Cable at Site/to Guideway	15	13MAY08	04JUN08	TP-02 Install Cable at Site/to Guideway
raction Powe	er Construction				
Construction					
A3TP P2055	34.5KV Feeder to Soto Station	45	11FEB08	25APR08	34.5KV Feeder to Soto Station
A3TP P3085	34.5KV Feeder to East Portal	100	15FEB08	24JUL08	34.5KV Feeder to East Portal English
		100	TOI LOOD	2100100	
esting	and the second	-	_	-	
Frain Control	and the second				
EMI Tests					
A3T2T05 05	Train Ctrl - EMI Testing	20	0900008	05NOV08	Train Ctrl - EMI Testing
	Reliability Demonstration Test	_			
A3T2T06 05	Train Ctrl Reliability Demonstration Tests	30	06NOV08	22DEC08	Train Ctrl Reliability Demonstration Tests
Traction Powe	er System				
Functional / Inf	Ingration Tests				
A3T3T08 05	Traction Pwr-Functional / Integration Test	40	25JUL08	235EP08	Traction Pwr-Functional / Integration Testime
Overhead Cor	ntact System				
Functional / Inf	tegration Tests				
A3T4T08 15	OCS Tension Sec 3-Functional/Integration Test	15	05JUN08	25JUN08	OCS Tension Sec 3-Functional/Integration Test
A3T4T08 20	OCS Tension Sec 4-Functional/Integration Test	15	26JUN08	18JUL08	OCS Tension Sec 4-Functional/Integration Test
A3T4T08 25	OCS Tension Sec 5-Functional/Integration Tesl	15	21JUL08	11AUG08	OCS Tension Sec 5-Functional/Integration Test
Acceptance M	easurement / Visual Inspection	anin (Airij			
A3T4T09 25	OCS TS5-Acceptance Measurement/Visual Inspection	15	12AUG08	02SEP06	OCS TS5-Acceptance Measurement/Visual Inspection
Clearance Env		L	19 17 19 19 19 19 19 19 19 19 19 19 19 19 19		
A3T4T10 25	OCS TS5 - Clearance Envelope Test	15	03SEP08	24SEP08	OCS TS5 - Clearance Envelope Terrel
OCS Electrical	and the second		-	1	
A3T4T11 05	OCS - Electrical Test	30	25SEP08	06NOV08	OCS - Electrical Tearrent
		50	EUULT VO	00110700	
Live Line Run ' A3T4T12 05	OCS - Live Line Run Test	30	07NOV08	23DEC08	OCS - Live Line Run Test
		30	0/10/08	2305000	
integration Te			-		
Earth and the Tax	st System Integration Test				System Integration Test
A3T1T03 05		60	09OCT08	05JAN09	

October 2005

# PROJECT MASTER SCHEDULE CRITICAL PATH (6 of 6)



### **CRITICAL PATH NARRATIVE & PROJECT STATUS**

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

The assembly of the two Earth Pressure Balance Machines (EPBMs) is on the critical path. 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. System 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 following facility design packages and the system design packages are in progress:

- Facility Design Packages:
  - 1. Boyle Heights/Mariachi Plaza Station, Little Tokyo Station, Pico/Aliso Station, and Soto Station 100% designs,
  - 2. Maravilla, East L.A. Civic Center, and Atlantic 85% station designs,
  - 3. Indiana Station schematic design,
  - 4. Segments 2B, 3A, 4, and 5 85% civil designs, and
  - 5. Segments 1, 2A, 6 and 7 100% civil designs.
- System Design Packages:
  - 1. Trackwork 100% design,
  - 2. Traction power 85% design,
  - 3. Overhead contact system 85% design,
  - 4. Train control system 85% design, and
  - 5. Communication system 85% design.

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# **CRITICAL PATH NARRATIVE & PROJECT STATUS**

#### Construction

At the Boyle Heights/Mariachi Plaza Station, the full invert concrete slab between grid lines 1.1 and 10 was completed in October 2005 and is ready for the assembly of the EPBMs.

At the Soto Station, the level-2 station structural excavation and support commenced in October 2005. The level-3 structural excavation is anticipated to begin in late November 2005.

At the West Portal, soldier pile installation was completed in mid-October 2005 followed by the temporary street decking that was completed in late October 2005. The structural excavation is anticipated to begin in early November 2005.

At the East Portal, excavation behind the existing crematorium retaining wall is nearing completion. The existing crematorium retaining wall was demolished in late October 2005, followed by the SBC ductbank relocation. Upon the completion of the SBC ductbank relocation, a new retaining wall will be constructed to allow for the continuation of street widening to the north side of 1<sup>st</sup> Street.

Utility relocations are continuing along 3<sup>rd</sup> Street.

For Contract C0802 – 101 Freeway Bridge Overcrossing, bridge column concrete was cast for Bent No. 2, pile repairs were completed at Bent No. 7 and Abutment No. 10, and Bent No. 3 CIDH casing was completed during the reporting period. Freeway roadway construction continued.

# **PROJECT COST STATUS**

#### COST REPORT BY ELEMENT ORIGINAL SCOPE ACTIVITIES

ELE.	DESCRIPTION	ORIGINAL	CURREN	BUDGET	COMMI	RENTS .	EXPEN	NTURE8	CURRENT	BUDGET /	
NENT	DEGARGE (104	BUDGET	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TODATE	PERIOD	TO DATE	FORECAST
C	CONSTRUCTION	633,221	•	662,391	150	641,719	5,848	186,324	•	662,391	-
s	SPECIAL CONDITIONS	19,494	•	20,329		15,120	245	10,177		20,329	
R	RIGHT-OF-WAY	40,358	•	41,742	-	41,563	329	36,342	•	41,742	-
P	PROFESSIONAL SERVICES	135,304	•	135,938	100	97,440	2,367	78,279	•	135,936	
PC	PROJECT CONTINGENCY	60,254	•	28,249	•	•	•	•		28,249	-
PR .	PROJECT REVENUE	(4,617)	•	(4,633)	-	•	•	(16)		(4,633)	-
	SUBTOTAL	884,014		884,014	250	795,842	8,788	311,105	S. 1. 2. 1. 1	884,014	
PF	PROJECT FINANCE COST	14,800	•	14,600	148	148	148	148		14,800	
	TOTAL	898,814		898,814	398	795,991	8,937	311,253	SALCO SECUL	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 total Current Budget and Forecast remains the same at \$898.8 million.

#### Commitments

The Commitments increased by \$0.4 million this period due to executed modifications associated with Contract C0803-Tunnel, Stations, Trackwork, and Systems and Design Support During Construction Services, and payment to date for the Project Finance Cost. The \$796.0 million in Commitments to date represents 88.6% of the Original Budget.

#### Expenditures

Expenditures are cumulative through September 2005. The Expenditures increased by \$8.9 million this period primarily due to payments for the procurement of the Light Rail Vehicles. The \$311.3 million in Expenditures to date represents 34.6% of the Original Budget.

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

# **PROJECT COST STATUS**

#### COST REPORT BY ELEMENT CONCURRENT NON-FFGA PROJECT ACTIVITIES DOLLARS IN THOUSANDS

ELE- MENT	DESCRIPTION	ORIGINAL	CURREN	t BUDGET	COMM	TMENTO	EXPEN	NTURES	CURRENT	FORECAST	BUDGET /
MENT	VESCHIPTION	BUDGET	PERIOD	TO DATE	PERIOD	TODATE	PERIOD	TO DATE	PERIOD	TO DATE	VARIANCE
C	CONSTRUCTION	18,000	· ·	18,000		6,342	526	686	•	18,000	•
S	SPECIAL CONDITIONS	•	•		•	-	•	•	•	•	•
R	RIGHT-OF-WAY		•	-	•	•	-	•	•	• .	•
P	PROFESSIONAL SERVICES	•				•				•	•
PC	PROJECT CONTINGENCY	•	· ·	· ·	•		•	•	•		
PR	PROJECT REVENUE		-		-	· ·	<u> </u>	•			•
	SUBTOTAL	18,000		18,000	14472	6,342	528	888		18,000	
PF	PROJECT FINANCE COST	-	-	· ·	-					-	
; ****** ***	TOTAL	18,000	1000	18,000		6,342	528	688		18,000	

#### **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 remain the same for this period. The \$6.3 million in Commitments to date represents 35.0% of the Original Budget.

#### **Expenditures**

There were \$0.5 million of Expenditures this period for the Universal Fare System. The \$0.7 million of Expenditures to date represents 3.9% of the Original Budget.

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

	(A) ORIGINAL	(B) TOTAL	(C) TOTAL	(D) COMMITM	(D/B) MENTS	(E) EXPENDI	(E/B)	In S million (F) BILLED to	(F/B)
SOURCE	BUDGET	FUNDS ANTICIPATED	FUNDS AVAILABLE	\$	%	\$	%	SOUR S	CE %
EDERAL - SECTION 6309 NEW START	490.7	490.7	76.6	402.7	82%	76.8	16%	76.6	16%
ED - SECTION 5308 FIXED GUIDEWAY	23,1	12.0	12.0	12.0	100%	3.0	26%	3.0	25%
DERAL - CMAQ	10.3	10.3	10,3	10.3	100%	10,3	100%	10.3	100%
GIONAL IMPROVMNT PROG-FED	179.6	4.6	4.6	4.8	100%	4.8	100%	4.6	100%
GIONAL IMPROVM PROG-STATE	0,6	175.6	44.2	175.6	100%	43.4	25%	22.9	13%
ATE TCRP	45,0	45.0	45.0	45.0	100%	45.0	100%	45.0	100%
top a 35% / prop c 40%	124.6	135.7	135.7	135.7	100%	118.1	67%	109,3	81%
ASE REVENUES	10.1	10.1	10.1	10,1	100%	10.1	100%	10.1	100%
CRUALS			Í				ĺ		
B-TOTAL	884.0	684.0	338.7	798.0	80%	311,3	35%	282.0	32%
IOP A/PROP C (INTEREST COST)	14.B	14.8	0.0	0.0	0%	0.0	0%	0.0	0%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH SEPTEMBER 2005,

#### 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.

FEDERAL SECTION 5309 FIXED GUIDEWAY: LACMTA submitted in June 2005 a grant application for \$3.0M. The grant was executed on July 20, 2005 and funds are available for drawdown. LACMTA submitted a grant application for \$9.0 M on September 2, 2005. The grant was executed on September 16, 2005 and funds are available for drawdown.

FEDERAL CMAQ: LACMTA submitted in June 2005 a grant application for \$10.3M. The grant was approved on July 13, 2005 and funds are now available for drawdown.

**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.

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

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

# **CONCURRENT NON-FFGA PROJECT ACTIVITIES**

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(d) Commitiv	(D/B) IENTS	(E) Expendi	(E/B)		(F/8) to FUNDING IRCE
		ANTICIPATED (1)	AVAILABLE	\$	%	\$	%	\$	%
FEDERAL - CMAQ	14.0	0.0							
PROP C 40%	0.0	14.0	14.0	2.3	17%	0.7	5%		0%
PROP C 10%	4.0	4.0	4.0	4.0	100%		0%		0%
ACCRUALS	_								
TOTAL	18.0	18.0	18.0	6.3	35%	0.7	4%	0.0	

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH SEPTEMBER 2005.

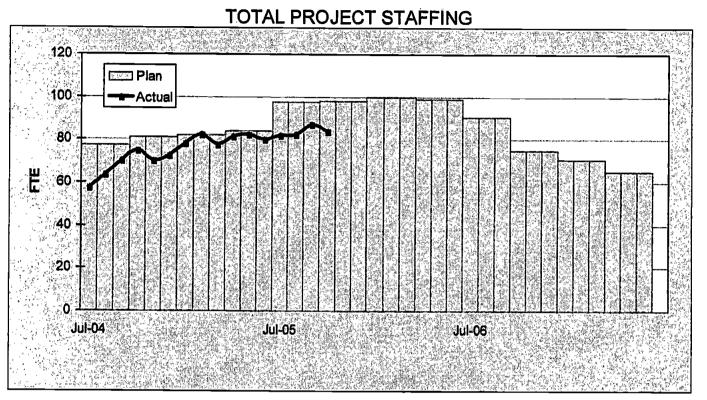
# **STATUS OF FUNDS ANTICIPATED**

**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 40% funds.

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# October 2005

**STAFFING STATUS** 



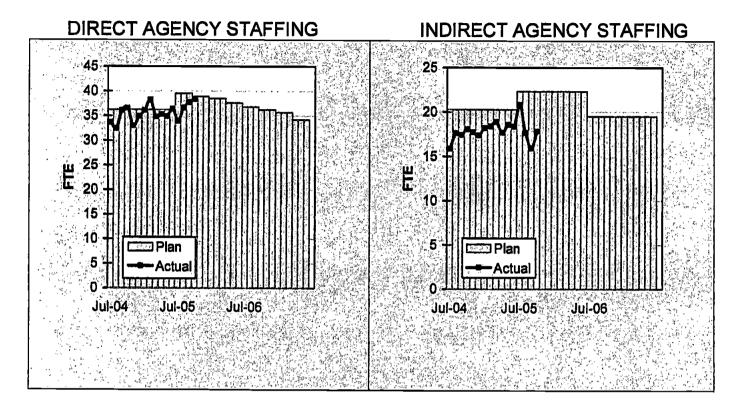
October 2005

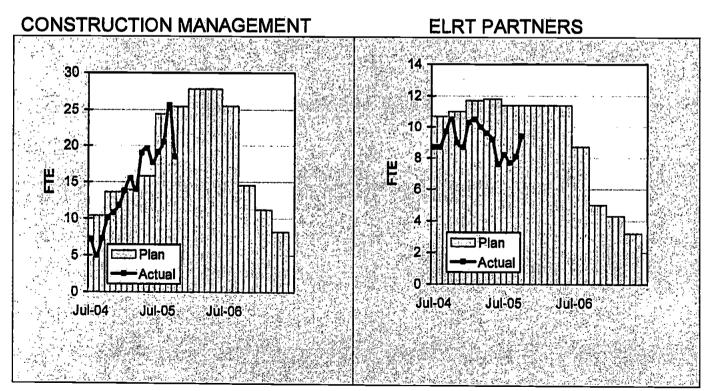
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#### **REAL ESTATE STATUS**

- 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 60 parcels are available (40 under C0803-Tunnel, 18 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.

REAL E		QUISTIO	N SCHED	ULE SUM	MARY	
				Behind	Schedule	
Number of			On		Avg.	
Parcéls			Schedule		Calendar	a saa saa saa saa saa saa saa saa saa s
·	Required	Acquired		Number	Days	en general de la composition d
This Period	69	60	9	0	0	
Last Period	69	59	10	0	0	

#### REAL ESTATE STATUS TO DATE BY CONTRACT ACQUISITION PHASE

CONTRACT NO.	Number of Parcels (A+B+O+D+E)	Agreements Signed (A)	Parcels in Condemnation (B)	Under Negotiation (C)	In Appraisal Process (D)	Inactive Parcels (E)	Parcels Available	
<u>(20803-Tunnel</u>	40	36	4	0	0	0	40*	
C0803-At-Grade	27	21	1	4***	0	1**	18	
C0802	2	2	0	0	0	0 <sup>`</sup>	2	
TOTAL	69	59	5	5	0.	1.	60	
LASTPERIOD	69	59	5	5	0	1	59	

Includes 4 properties acculred under condemnation plus 36 escrives that were closed
 Encludes 20 and properties acculred under condemnation plus 36 escrives that were closed

Parcel ES-604 Ramona High School (portion to be acquired)
\*\*\* Alma parcels on hold pending decision regarding realignment of Indiana Station

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# **ENVIRONMENTAL STATUS**

• Archeological recovery continues at the LA County Crematorium site.

## COMMUNITY RELATIONS STATUS

- Held project briefings for the Review Advisory Committee, the Executive Review Advisory Committee and the 3rd Street Merchants Leadership Task Force.
- Coordinated installation of extensometers and settlement markers at structures along the tunnel alignment.
- Provided support to the Citywide Day of Service event in Council District 14, the East Los Angeles Chamber of Commerce Best of ELA Awards Luncheon, and Proyecto Pastoral event.
- Introduced the On The Move Program to the community.

# QUALITY ASSURANCE STATUS

- Continued to review welder qualification records and weld procedures for the steel tunnel liner manufacturer.
- Participated in the initial tunnel liner ring fit check at the Traylor-Shea-Ghazi facility in Little Rock, CA.
- Coordinated with Metro Engineering and Traylor-Shea-Ghazi to resolve the issue of approximately 100 tunnel precast segments with deficiencies.

### SAFETY STATUS

- Participated in weekly progress meetings with construction management and ELRTC personnel to discuss safety related issues and construction schedule.
- Participated in Contractor's Tool Box Safety meeting and Third Party Utility Meeting.
- Conducted All Hands Safety Meeting with ELRTC safety personnel, LAPD, LASD and LA Fire representatives.
- Conducted monthly safety audit. The audit was accepted as noted.
- Monitored construction activities on a daily basis to ensure safety compliance.
- Met with LA Sheriff personnel to discuss security issues and construction schedule.
- ELRTC reported two recordable incidents for the month of October 2005. Project-todate man-hours: 569,000. A total of (9) recordable injuries to date. Statistical rate for recordable incidents are below the National Average.

# **ART DEVELOPMENT STATUS**

First/Lorena Construction fence mural

• Began production on site.

First/Boyle Construction fence mural

• Held start up meeting with artist and contractor.

Little Tokyo Station

• Participated in 85% Design Review Meeting.

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- Participated in Stake Holders Meeting.
- Site visit with Metro Environmental staff.

#### Atlantic Station

• Public art update to contractor.

East LA Civic Center

• Artist presented concept design proposal to contractor.

Mariachi Plaza Station

• Public art update to contractor.

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# THIRD PARTY AGREEMENT STATUS

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
City of Los Angeles	Amendment	Completed	N/A	Executed December 2002.
Los Angeles County	Master	Completed	N/A	Executed April 2003.
Caltrans (All Projects)	Master	Completed	N/A	Executed July 2003.
Caltrans (101)	Design	Completed	N/A	Executed July 2003.
Caltrans (101)	Construction	Completed	N/A	Executed September 2003.
Caltrans (101)	Maintenance	12/08	Project Completion	The initial negotiation meeting was held on 1/9/03. LACMTA received a draft from Caltrans on 1/22/04. LACMTA reviewed and submitted the agreement to Caltrans on 2/10/04. A follow up call was made on 10/0/05 but no response to date.
LADWP (Water/Power)	Amendment	11/05	*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 Council for review on 10/7/05.
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	11/05	*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 call was made on 10/20/05.
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)

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	11/05	*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. A follow up call was made on 10/20/05.
AT&T Local Services	Amendment	11/05	*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. A follow up call was made on 10/20/05.
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	2/8/03	2/27/03	3/10/03	1/27/03	4/11/02	4/18/2003	Approved
4	Complete	12/14/02	1/15/03	1/29/03	11/13/02	5/5/03	6/18/2003	Approved
4A	Complete	1/24/03	1/29/03	3/14/03	2/7/03	9/5/03	1/23/2004	Approved
8	Complete	3/19/03	3/26/03	6/20/03	2/7/03	9/5/03	8/12/2003	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	5/6/03	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 apan.

			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 / <u>Ditman</u>	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 C0802 STATUS

Description: 101 Freeway Bri	Contract No. C0802							
Contractor: Brutoco Enginee	ring & Construction	Status as of: October 28, 2005						
Progress/Work Completed:		Major Activities (In Progress):						
<ul> <li>Completed column concrete for Bent No. 2</li> <li>Completed Bent No. 3 CiDH casing</li> <li>Completed pile repair for Bent No. 7 and Abutment No. 10</li> <li>Approved Frame-2 (Bent Nos. 5, 6 and 7) falsework submittal</li> </ul>		<ul> <li>Plie repair for Bent Nos. 4, 8 and 9 and Abut. No. 1</li> <li>Review of Frame-1 and Frame-3 falsework submittals</li> <li>Roadway construction</li> <li>Drainage systems construction</li> </ul>						
Areas of Concern: None	Major Activitie * Bent No. 3 CIDH of * Abutment Nos. 1 a * Bent Nos. 7 and 8 * Pile repair for Ben * Roadway construct	irili and co and 10 wir column co t No. 9	ncrete 1g wail con					
Schedule Summary:			Original Contract	Tinte Extension	Current Contract	Forecast	Variance CDs	
Date of Award:	09/07/04	Notice to Proceed	Dates 09/22/04	0	09/22/04	09/22/04	0	
Notice to Proceed:	09/22/04	Milestone 1 - Complete Abutment No. 10	06/26/06	31	07/27/06	07/27/06	0	
Original Contract Duration: Current Contract Duration:	700 CD 729 CD	Milestone 2- Complete All Work	08/23/08	33	09/25/06	09/25/06	0	
Elapsed Time from NTP:	401 CD							
Physical Percent Complete:		Cost Summary: \$ In millions						
Physical completion * as of this reporting per	iod is: 36.88%	1. Award Value:				6.42		
		2. Executed Modifi	cations:			0.00		
* Note: Physical completion assessment refl	-	3. Approved Chang	-			0.00		
and invoice amount shown in Caltrans Mon Expense Report No. 13.	inly Progress/	4. Current Contrac	t Value (1-	+2+3):		6.42		
		5. Incurred Cost:				3.13		

#### **CONTRACT C0803 STATUS Description: Tunnel, Stations, Trackwork &** Contract No. C0803 Systems **Contractor: Eastside LRT Constructors** Status as of: October 28, 2005 Major Activities (In Progress): Progress/Work Completed: \* Bailey/Bodie yards set up for tunneling contractor move-in \* Completed Boyle Station invert slab \* Completed delivery of tunnel boring machines \* Precast tunnel liner segments manufacturing \* Completed West Portal soldier pile installation \* 3rd Street utility relocations \* East Portal SBC ductbank relocation \* Completed West Portal temporary street decking \* Completed East Portal existing retaining wall demolition \* East Portal excavation behind the existing retaining wall \* Completed Soto Station level-1 shoring support and excavation \* Boyle, Little Tokyo and Pico/Aliso 100% station design Maravilla and Atlantic 85% station design \* 100% civil design for Segments 1, 2A, 6 and 7 \* 85% civil design for Segments 2B, 3A, 4A and 5 \* 85% design for TPS/OCS/TC/Communications Systems Areas of Concern: **Major Activities Next Period:** None \* Assemble tunnel boring machines \* Tunnel eye preparation Tunnel liner segments manufacturing \* West Portal excavation \* East Portal deck beam fabrication \* Soto Station level-2 excavation \* Complete excavation at LA County Crematorium site Original Time Current Variance Schedule Summary: Forecast Contract Extension Contract CDs Dates 07/01/04 0 06/01/04 Notice to Proceed 07/01/04 0 07/01/04 Date of Award: Notice to Proceed: 07/01/04 Milestone 1 - Contract Completion, Complete all systems integration 12/31/08 01/05/09 01/05/09 5 0 testing and ready for Original Contract Duration: 1795 CD MTA's pre-revenue operation testing. Current Contract Duration: 1795 CD Milostone 3 - Complete Elapsed Time from NTP: 485 CD Universal Fare System 04/30/08 5 05/05/08 05/05/08 0 Equipment area. Milestone 5 - Vacete ali **Option D Contract duration** 90 CD Complete 05/30/09 0 05/30/09 05/30/09 staging areas and turn ٥ over to MTA. Milestone 6 - Complete 09/28/04 09/28/04 09/28/04 0 design and construction 0 of Option D work. **Physical Percent Complete: Cost Summary:** \$ In millions Physical completion \* as of this reporting period is: 18.15% 1. Award Value: 600.45 2. Executed Modifications: 0.50 3. Approved Change Orders: 0.37 \* Note: Physical completion assessment reflects work completed and invoice amount. 4. Current Contract Value (1+2+3): 601.32 5. Incurred Cost: 194.49

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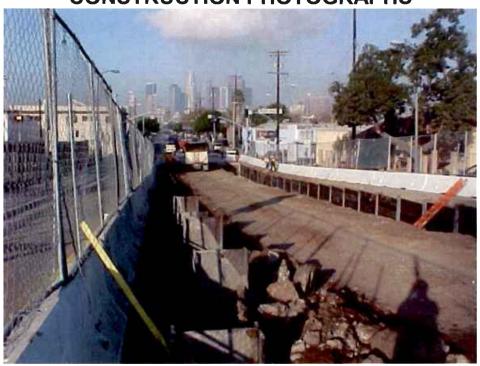
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# **CONTRACT P2550 STATUS**

Description: 2550 Rail Veh	•	Contract No. P	-				
Contractor: Ansaldobreda,	Italy	Status as of: October 28, 2005					
Progress/Work Completed: 1. Proof of Design Testing and Prelimina 2550 LRVs at MTA's Division 21. 2. The IPT conducts on-going weekly co in Los Angeles, New York, Platole, and I 3. The Contractor provided a Mobilizatio Cellifornia plant. The Plant could start as <b>Areas of Concern:</b> 1. Documentation submittais are close to contracted with a consultant to "catch-t 2. Milestone 5A - Approval of ell design 6 of Cab Mock-up, Milestone 7A and Miles Motors Perf. Tests, are not yet consider approved. Involces for these milestones payment was made in August 2005. The completion and approval 3. The impact of the monthly European / Impacted schedule remains a concern.	Major Activitie 1. Ansaldobreda Is w 5A, 8A, 7A and 8A w and e partial paymen August 2005. 2. The contractor com Nos. 8A, 10A, 11A, 1 3. Ansaldobreda Test LRV 701 Preliminary Major Activitie 1. LRVe at MTA will c 2. During this period texpediting where nec constructing and sup 3. Weekly teleconfer design completion for 4. Prepare two more 5. Continue the Prodi 8. Commence the Fir	orking towork. Involut t of \$7.4 m tinues to v 2A, 13A, 1 ling Engline Testing the estary for porting the ence mee- the P255 LRVs for a LRVs for a Lation of L	ards achie ses for the illion was vork towar (4A, end 1 sere are in rough Nov <b>Period</b> reliminary I continue all schedu, P2550 ral tings will c 0 rail vehic hipment to RV Carshe	vement of se mileston approved i da comple 5A. Los Ange ember 200 led activiti il vehicle p ontinue to ses. o th U.S. eils in Italy.	nes were n and made tion of Mile les and co 05. Ditoring ar es involved roduction. monitor te	eceived in estone ntinuing nd d in chnicei	
Schedule Summary:			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award:	04/24/03	Notice to Proceed	06/06/03	0	8/06/03A	6/06/03A	0
Notice to Proceed:	06/06/03	Milestone 1A-	08/08/03	0	12/08/03	10/15/03A	•
Original Contract Duration:	1460 CD	Milestone 2A -	09/05/03	0	11/20/03	12/30/03A	. 0
Current Contract Duration:	1460 CD	Milestone 3A -	11/07/03	0	01/20/04	12/30/03A	0
Elapsed Time from NTP:	675 CD	Milastone 4A -	01/02/04	0	01/31/04	3/31/04A	<u> </u>
Option 1 & 2 Contract duration	1480 CD**	Milestone 6A - Appr.dwgs, per Sect.1.13.1Tech Spece	05/07/04	0	05/07/04	10/31/05	. 570
** after starting options 1 & 2		Milestone 6A - Appr.of Operator Cab Mackup	08/04/04	0	06/04/04	10/31/05	542
		Milestona 7A - Appr,Carbody Stress Analysis & C.T. Report	11/05/04	0	11/05/04	10/31/05	386
		Milestone 8A - Appr.of Traction Motors Perf. Tests	11/05/04	0	11/05/04	- 10/31/05	388
		Milestone GA - Appr.of Final Op. Hazard Analysis	02/04/05	0	02/04/05	10/31/05	297
Note: MTA issued Modification No. 1 to . 1 is a zaro-cost, miscellaneous administ		Milestone, 10A - Deliver Draft	02/11/05	0	02/11/05	10/31/05	290
modification. MTA completed Modificati	on No. 2 that reflects the	Op.Meint.H. Repair Manuals Milestone 11A - Appr.of Op.	04/08/05	0	04/08/05	10/31/05	234
recently granted California Board Of Equ Sales Tax on the Light Reli Vehicles	alization exemption for State	Training Program Milestone 12A-Appr.of Oper.	09/23/05		09/23/05	10/31/05	68
Sales Tax on the Light Rail Vehicles.		Maint, & Heavy Repair Milestone 13A-Complemptory all Car-level Casign	11/18/05	• •	11/18/05	11/18/05	
		Qualif.Tests Milestone 14A-Compl.&Apprv.	11/18/05		11/18/05	11/18/05	
		Weight Control Program Plan Milestone 15A - Acceptance					
		of Two First Article Vehicles Milestone 16A - Completion of	11/18/05	0	11/18/05	11/18/05	0
		Operating & Maintenance Training Programs	12/30/05	0	12/30/05	12/30/05	0
Physical Percent Complete		Cost Summary	/:		<b>\$</b> I	n millic	ons
Physical completion * es of Octo	ber 2005 is 58%	1. Award Value: Pasadena (Proj. Eastside Ext. (P				126.99 31.75	
					ard Value		
* Noto: Dhunland annalation	oomaal soflasta	2 Executed Modificat				0.00	
<ul> <li>Note: Physical completion asse completed and invoiced plus cur</li> </ul>		3 Approved Change				0.00	
completed and involcad pids cur	rent work in progress.	4 Current Contract V 5 Panding Changes:		c + 3j:		158.74 0.00	
	5 Pending Changes: (None) 0.00 8 Incurred Cost: 52.68						



# **CONSTRUCTION PHOTOGRAPHS**

West Portal structural excavation.



Soto Station structural excavation.



#### East Portal excavation at the Los Angeles County Crematorium Site.



Assembly of Tunnel Boring Machines.

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# 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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#### **APPENDIX**

# LIST OF ACRONYMS

AFE	Authorization For Expenditure
ATC	Automatic Train Control
CADD	Computer Aided Drafting and Design
CALTRANS	California Department of Transportation
	Calendar Day
СМ	Construction Manager
CMAC	Congestion Mitigation Air Quality
CN	Change Notice
CO	Change Order
CNFPA	Concurrent Non-FFGA Project Activities
СРМ	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
DOT	Department of Transportation
DWP	Department of Water and Power
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPBM	Earth Pressure Balance Machine
ESP	Eastside LRT Partners
FAR	Federal Acquisition Regulation
FD	Final Design
FEIS	Final Environmental Impact Statement
FEIR	Final Environmental Impact Report
FFGA	Full Funding Grant Agreement
FIS	Financial Information System
FSEIR	Final Supplemental Environmental Impact Report
FSEIS	Final Supplemental Environmental Impact Statement Federal Transit Administration
FTA   FTE	
GDSR	Full Time Equivalent
IFB	Geotechnical Design Summary Report Invitation for Bid
IPO	Integrated Project Office
↓ J∨	Joint Venture
LA	Los Angeles
	Los Angeles Bureau of Engineering
LACFCD	Los Angeles County Flood Control District
LACMTA	Los Angeles County Metropolitan Transportation Authority
LADOT	Los Angeles Department of Transportation

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# APPENDIX

# LIST OF ACRONYMS (Continued)

LADPW LADWP LAUSD LNTP LONP LRT 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 PSR QA QAR QC QPSR RAC RAC RAG RFC ROD 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 Notice To Proceed Owner-Controlled Insurance Program Primavera Project Planner® (scheduling software) Project Control Preliminary Engineering Permit Engineering Evaluation Report Pasadena Gold Line Project Manager Project Manager Project Management Assistance Project Management Implementation Plan Project Management Implementation Plan Project Report Project Report Project Study Report Quality Assurance Quality Assurance Report Quality Assurance Report Review Advisory Committee Rail Activation Group Request For Change Request For Proposal Record Of Decision Revenue Operations Date Davide Manage
ROD ROM	Revenue Operations Date Rough Order of Magnitude

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#### APPENDIX

# LIST OF ACRONYMS (Continued)

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