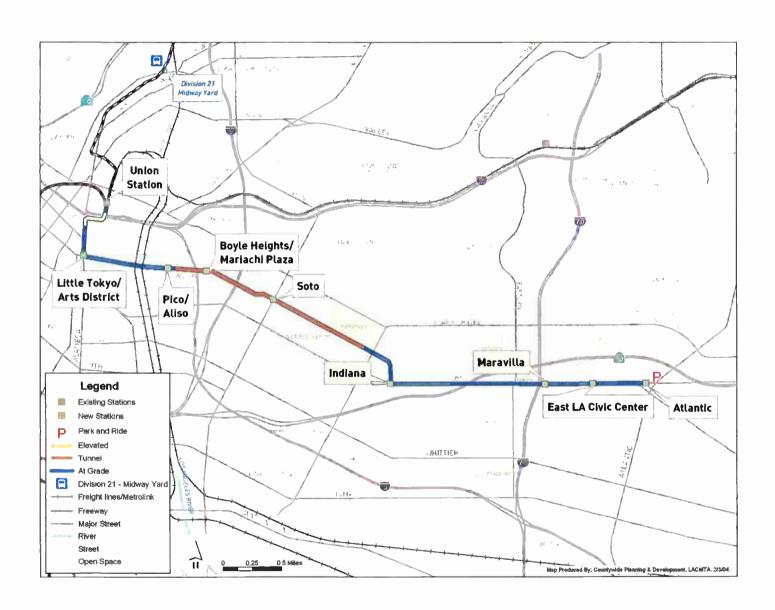
QUARTERLY PROJECT STATUS REPORT

# Metro Gold Line Eastside Extension

# September 2005





# METRO GOLD LINE EASTSIDE EXTENSION

# QUARTERLY 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.

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

As of the end of this reporting period, the 85% final design package for Soto Station, 85% final design packages for Civil Segments 1, 2A, 6 and 7, and the initial civil design package for Segment 3B were submitted for review. Segments 2B, 4, and 5 85% civil designs are underway. Boyle and Soto Stations are in the 100% final design stage. The 85% final designs for Atlantic, Maravilla and East LA Civic Center Stations 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.

In September 2005, the California Public Utilities Commission (CPUC) approved the five grade separated crossings, leaving one application to be processed for 3<sup>rd</sup> Street and Ditman Avenue.

The two Earth Pressure Balance Machines (EPBM's) arrived at the Port of Los Angeles on September 18, 2005 and were transported to the 1<sup>st</sup>/Boyle site.

At the Boyle Heights/Mariachi Plaza Station, the grounding mat and sub-invert concrete slabs were completed during the reporting month. The full invert concrete slab is underway and a large portion will be completed prior to the assembly of the EPBM's.

At the Soto Station, the station structural excavation and support of utilities are underway.

The West Portal soldier pile installation along the north side of 1<sup>st</sup> Street was completed in early September 2005. Soldier pile installation has begun along the south side of 1<sup>st</sup> Street and is scheduled for completion in mid-October 2005. Thereafter, the temporary street decking will commence followed by structural excavation of the West Portal.

At the East Portal, Los Angeles crematorium site, the excavation continued behind the existing retaining wall in accordance with the Archeological Treatment Plan. Once the excavation is completed, the existing wall will be demolished in order to build a new retaining wall to allow street widening to continue along the north side of 1<sup>st</sup> Street.

Utility relocations are continuing along 3rd Street.

The Caltrans contractor for Contract C0802 – 101 Freeway Bridge Overcrossing continued with pile repairs, erection of column rebar cages, and the freeway roadway construction. Concrete was placed for two of the eight bridge columns. A 55-hour freeway lane closure took place between September 30 and October 3, 2005 for the realignment of freeway lanes.

# **MANAGEMENT ISSUES**

No Management Issues for the period ending September 2005.	

# PROJECT SCOPE

Contract C0802 – 101 Freeway Bridge
Overcrossing: The construction of the
bridge is combined with Caltrans freeway
improvements project. While Caltrans will
administer the construction, the LACMTA will
provide oversight and is responsible for the
construction costs of the bridge overcrossing.

Contract C0803 - Tunnel and Station
Excavation (Design/Bid/Build): Construction of
the 1.7 mile tunnel segment includes tunnel
excavation using two Earth Pressure Balance
Machines (EPBM) type, excavation of cross
passages, concreting of the tunnels and cross
passages, and the east and west portals
construction.

Station excavation of the two underground stations, Boyle Heights/Mariachi Plaza and Soto, include drilling, placing and concreting the soldier piles that line the perimeter of the station box to be excavated. Construction also includes street decking. Boyle Heights/Mariachi Plaza will be the staging area for assembling the TBMs and all excavated materials will be removed from this location.

Union
Station
Boyle Heights /
Mariachi Plaza
Little Tokyo /
Arts District
Pico/Aliso
Indiana

East LA Civic Center

Maravilla

Atlantic

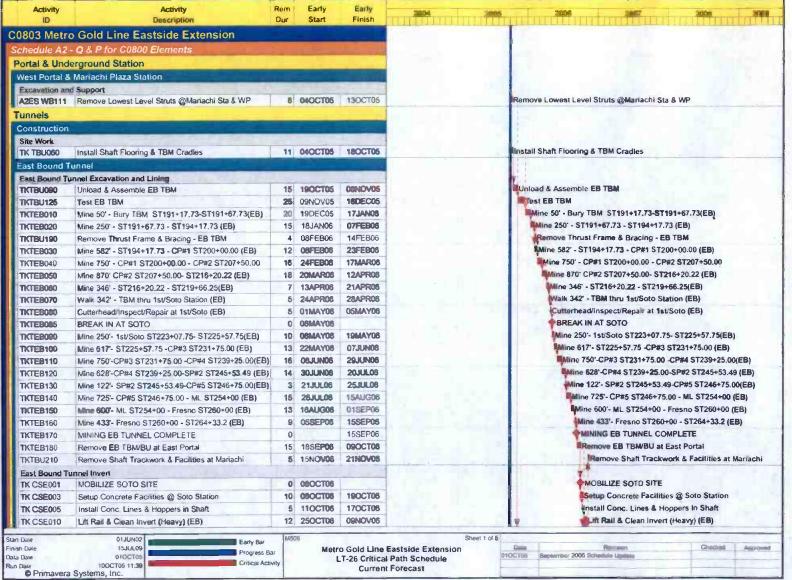
Contract C0803 - Stations, Trackwork, and Systems (Design/Build): Construction of the two underground stations includes structural walls, station platforms, mezzanines, station entrances, and plazas, architectural finishes and all related mechanical and electrical work.

Construction of the six-mile alignment includes six at-grade stations, trackwork installation and testing for the entire alignment.

Systems installation and testing is inclusive of power systems, automatic train control, fire and emergency management, TRACS and communications systems. The contractor will be responsible for systems integration testing for the entire line segment prior to pre-revenue operations.

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

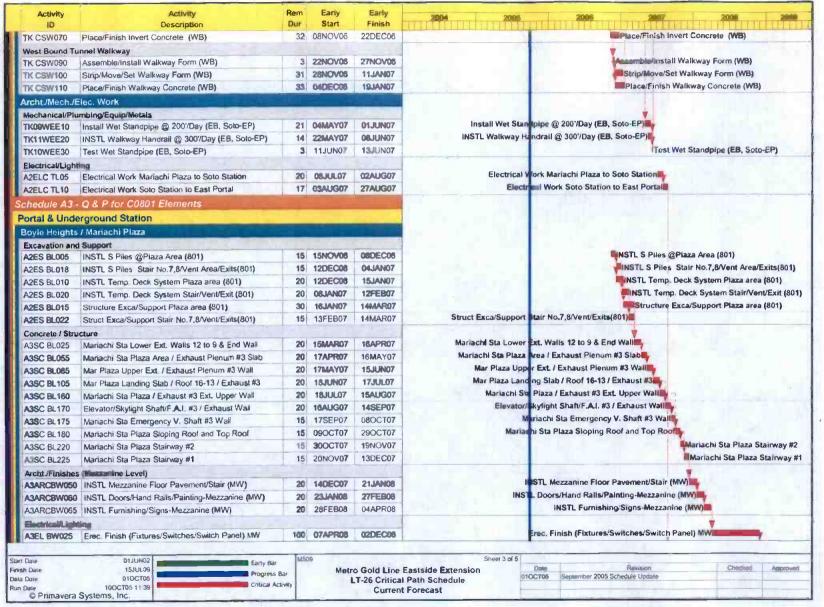
	Milestone Date	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06
Completed Boyle Station Grounding Mat	9/14/05 *	0					
Started Site Deliver of EPBMs	9/22/05	0					
Submitted Initial Civil Design-Segment 3B	9/27/05	0					
Submitted Soto Station 85% Design	9/27/05 *	0					
Submitted 85% Civil Design-Segments 1, 2A, 6 & 7	9/29/05 *	0					
Completed Boyle Station Sub-Invert Concrete	9/30/05 *	0					
Complete West Portal Soldier Pile Installation (including area under US-101 Freeway)	10/13/05 *		0				
Commence West Portal Temporary Street Decking	10/14/05 *		0				<u> </u>
Complete Boyle Station Full-Invert Concrete Grid Line 1.1-10	10/17/05		0				
Commence Demolition of East Portal Existing Retaining Wall	10/18/05		0				
Unload & Begin Assembly of EPBM No. 1 (Eastbound Tunnel)	10/19/05 *		0				
Commence East Portal SBC Ductbank	10/25/05		0				
Commence Testing of EPBM No. 1	11/9/05 *			0			
Unload & Begin Assembly of EPBM No. 2 (Westbound Tunnel)	11/9/05 *			0			
Submit Boyle Station 100% Design	11/22/05 *			0		<u> </u>	
Complete Soto Station Structural Excavation	12/7/05 *				0		
Submit OCS & Traction Power 85% Design	12/15/05 *				0		
Commence Tunnel Mining (Eastbound)	12/19/05 *				0		
Submit Soto Station 100% Design	1/13/06					0	
Submit Train Control & Communications 85% Design	1/17/06					0	
Submit Trackwork 100% Design	2/19/06						0
◆ LACMTA Staff Milestone	e LRT Constructor	rs		FTA Metro		pproval TA Board A	\pprova!



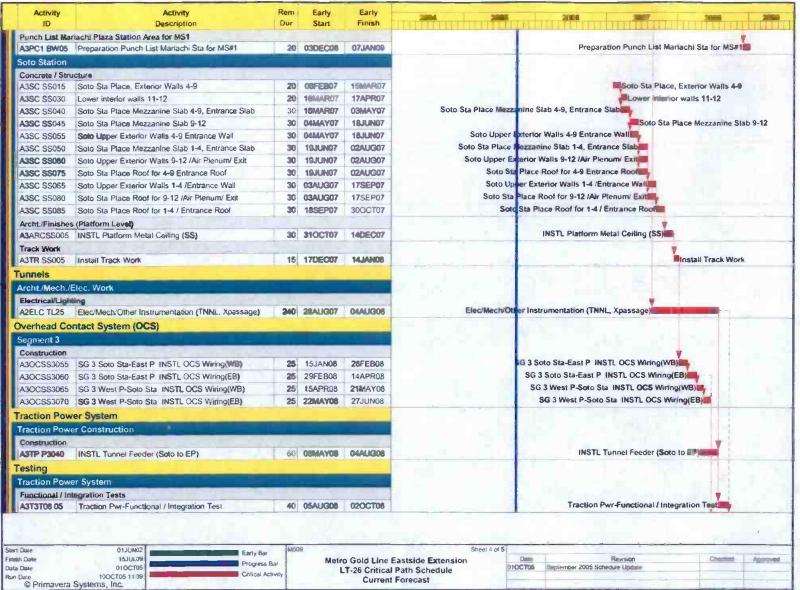
# PROJECT MASTER SCHEDULE CRITICAL PATH (1 of 6)

Activity ID	Activity Description	Rem	Early Start	Early Finish					
TK CSE020	Assemble/Install Invert Form (EB)	5	07NOV06	13NOV06		Accembis/fristaft Invert Form (Es	3)		
TK CSE040	Place/Finish Invert Concrete (EB)	32	14NOV06	29DEC08		lace/Finish Invert Concrete (	EB)		
TKCEE023	Move Concrete Operation to East Portal	10	22JAN07	05FEB07		Move Concrete Operation to	East Portal		
TKCEE025	SOTO STATION TURNOVER BY TEK	0		05FEB07		SOTO STATION TURNOVE	R BY TFK		
TICEE030	Final Invert Cleaning for Concrete (EB,SS-EP)	40	06FE907	02APR07		Final Invert Cleaning for	Concrete (EB,SS		
TKCEE040	Place/Finish Invert Concrete (EB.SS-EP)	46	06FEB07	10APR07		Place/Finish Invert Conc	rete (EB,SS-EP)		
TKCEE090	Final Tunnel Cleaning for Turnover (EB)	15	14JUN07	05JUL07		Final Tunnel Cleaning	ng for Turnover (		
Fast Bound Tu	unnel Walkway	Arguni d							
TK CSE060	Assemble/Install Walkway Form (EB)	3	29NOV06	01DEC06		Annual Malkway Form	n (EB)		
TK CSE080	Place/Finish Walkway Concrete (EB)	33	04DEC06	19JAN07		Page Finish Walkway Concre			
TKCEE060	Assemble/Install Walkway Form (EB,SS-EP)	4	20FEB07	23FEB07		Annual Indiana Malkway			
TKCEE080	Place/Finish Walkway Concrete (EB,SS-EP)	48	27FEB07	03MAY07		ace/Finish Walkway (			
TKCEE070	Strip/Move/Set Walkway Form (EB,SS-EP)	45		03MAY07		inip Move/Set Walkwa			
Vest Bound					A 4.7		) . orni (ED, 20-E		
	unnel Excavation and Lining					•			
TKTBU000	Unload & Assemble WB TBM	15	09NOV05	01DEC05		Unload & Assemble WB TBM			
TKTBU120	Test WB TBM	31	02DEC05	25JAN08		Test WB TBM			
TKTWB010	Mine 50" -Bury TBM ST191+17.55 -ST191+67.55 (WB)	20	26JAN06	22FEB06		Mine 50' -Bury TBM ST191+17.55 -ST191+67.55	(WB)		
TKTWB015	Mine 100' -ST191+67,55 - ST192+67,55 (WB)	6	23FEB06	02MAR08		Mine 100' -ST191+67.55 - ST192+67,55 (WB)	(/		
TKTWB020	Mine 150' - ST192+67.55 - ST194+17.55 (WB)	9	03MAR06	15MAR06		Mine 150' - ST192+67.55 - ST194+17.55 (WB)			
TKTWB030	Mine 607 -ST194+17.55 - CP#1 ST200+24 22 (WB)	13		03APR06	1	Mine 607 -ST194+17.55 - CP#1 ST200+24.22	(WR)		
TKTWB040	Mine 746' -CP#1 ST200+24.22-CP#2 ST207+70.40	16	04APR06	25APR06		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	26APR06	19MAY08		Mine 849' -CP#2 ST207+70.40 - ST216+19.			
TKTWB060	Mine 347 - ST216+19.11 - ST219+66.25 (WB)	7	22MAY06	30MAY06		Mine 347 - ST216+19.11 - ST219+66.25 (W			
TKTWB070	Walk 342' - TBM thru 1st/Soto Staffon (WB)	5	31MAY06	06.JUN06		Walk 342' - TBM thru 1st/Soto Station (WE			
TKTWB000	Cutterhead/Inspect/Repair at 1st/Soto (WB)	5	07JUN08	13JUN06		Cutterhead/inspect/Repair at 1st/Soto (W	•		
TICTWB085	BREAK IN AT SOTO (WB)	0	14JUN06	13001400		BREAK IN AT SOTO (WB)	D)		
TKTWB090		10	14JUN06	27JUN06			57.7C 04/D)		
TKTWB100	Mine 250'-1st/Soto ST223+07.75 -ST225+57.75 (WB)	13	28JUN08	17JUL08		Mine 250'-1st/Soto ST223+07.75 -ST225+			
	Mine 618' -ST225+57.75 - CP #3 ST231+76.18 (WB)	18		08AUG06		Mine 618' -ST225+57,75 - CP #3 ST231+			
TKTWB110	Mine 750-CP#3ST231+76.18 -CP#4 ST239+26.18		18JUL06	25AUG06		Mine 750'-CP#3ST231+76.18 -CP#4 ST			
TKTWB120	Mine 628'-CP#4 ST239+26.18-SP#2 ST245+54.67	13				Mine 628'-CP#4 ST239+26.18-SP#2 S			
TKTWB130	Mine 122'-SP#2 245+54.67- CP#5 ST246+76.18(WB)	3		30AUG08		Mine 122'-SP#2 245+54.67- CP#5 ST2			
TKTWB140	Mine 724'-CP#5 ST246+76.18 - ML ST254+00 (WB)	15		21SEP06		Mine 724'-CP#5 ST246+76.18 - ML S			
TKTWB150	Mine 600'-ML ST254+00 - Fresno ST260+00 (WB)	13	22SEP08	10OCT06		Mine 600'-ML ST254+00 - Fresno S			
TKTWB160	Mine 433'-at Fresno ST260+00 - ST264+33.2 (WB)	10	11QCT86	24OCT06	and the same of th	Mine 433'-at Fresno ST260+00 - ST			
TKTWB170	MINING WB TUNNEL COMPLETE	0		24OCT06		MINING WB TUNNEL COMPLETE			
TKTWB180	Remove WB TBM/BU at East Portal	15	25OCT06	14NOV08		Remove WB TBM/BU at East Port			
TKTWB190	MARACHI PLAZA STATION TURNOVER BY TFK	0	15NOV06			MARACHI PLAZA STATION TUR	NOVER BY TFK		
West Bound T						<b>*</b>			
TK CSW040	Lift Rail & Clean Invert (Heavy) (WB)	12		02NOV06		Lift Rail & Clean Invert (Heavy) (W	<b>(B)</b>		
TK CSW050	Assemble/Install Invert Form (WB)	5	01NOV06	07NOV06		Assemble/Install Invert Form (Wi	3)		
Date	01JUN02 Early Bar	M50			Sheet 2 of 5		E SA		
Date Date	15JUL09 01OCT05	91			stside Extension	Date Rension C DCT05 September 2005 Schedule Update	Necked Approve		
Com	100CT05 11.39 Critical Act			T-26 Critical P.	ath Schedule	A TON THE PARTY OF			

# PROJECT MASTER SCHEDULE CRITICAL PATH (2 of 6)

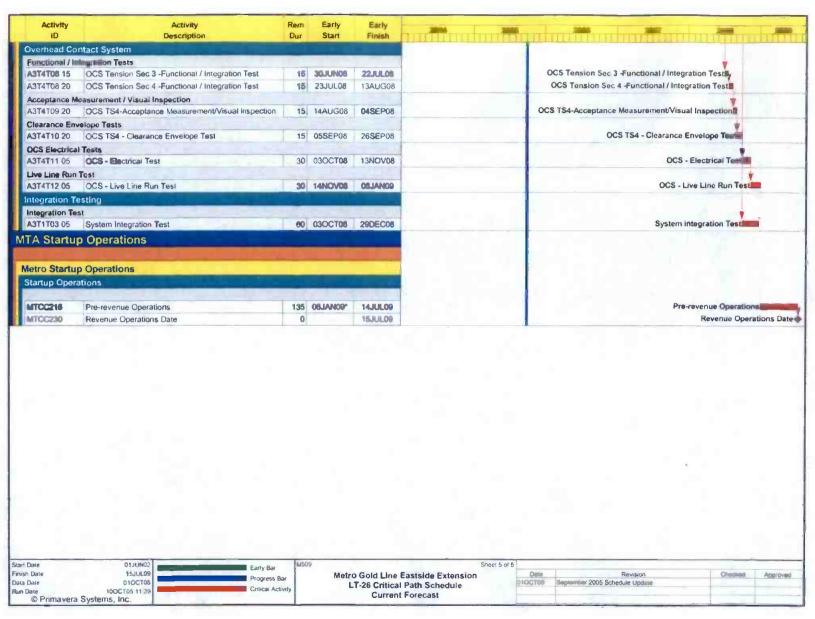


# PROJECT MASTER SCHEDULE CRITICAL PATH (3 of 6)

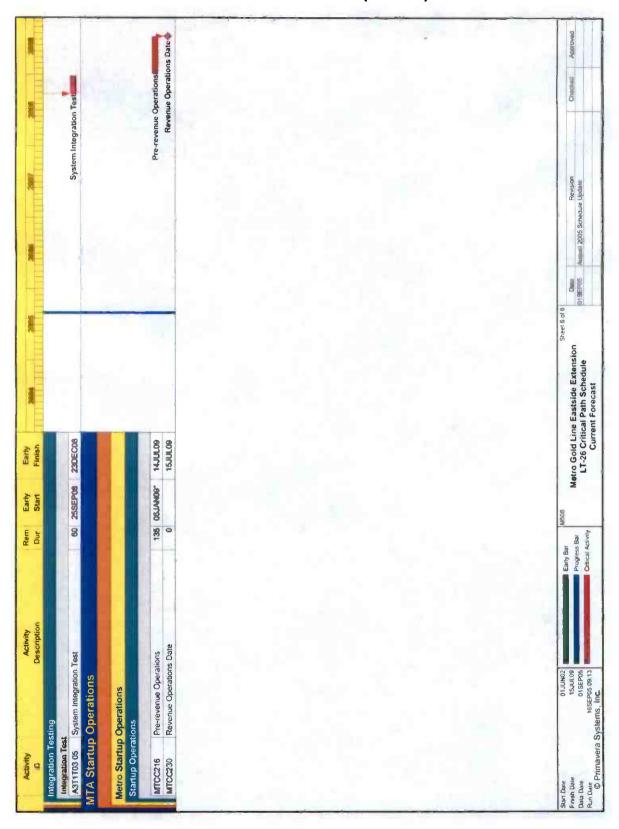


# PROJECT MASTER SCHEDULE CRITICAL PATH (4 of 6)

# PROJECT MASTER **CRITICAL PATH** SC 5 of 6) HEDULE



# PROJECT MASTER SCHEDULE CRITICAL PATH (6 of 6)



# **CRITICAL PATH NARRATIVE**

# **Current Critical Path Analysis**

Assembly of the two Earth Pressure Balance Machines (EPBMs) and the construction of Boyle Station invert concrete are on the critical path. Concurrent with these activities, the project has proceeded with other critical tasks such as utility relocations, ground treatment, soldier pile installation, deck beam fabrication, temporary street decking, and traffic control at Soto Station, East Portal and West Portal. Structural excavation at Soto Station is well underway.

For the Boyle Station, the structural excavation was completed on August 26, 2005 and the grounding grid and the sub-invert concrete were completed on September 14 and September 30, 2005, respectfully. Full invert concrete between grid lines 1.1 and 10 will be finished in October 2005 and will be ready for the EPBMs final assembly in November 2005. The components of two EPBMs were shipped from Europe by the German manufacturer in mid-August 2005. As of the end of September 2005, the majority of the EPBMs components arrived at the Boyle Station site and the remainder will be delivered to the site in early October 2005.

The critical path continues with EPBM assemblies, excavation of both tunnels, excavation of crosspassages and tunnel invert construction. The critical path then follows the construction of the Boyle and Soto stations and the installation of trackwork and overhead contact system for the underground alignment. The 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

During this reporting period, design review packages for the Soto Station 85% design, the initial civil design for Segment 3B, and the 85% civil designs for Segments 1, 2A, 6 and 7 were submitted. The following facility design packages and the system design packages are in progress:

- Facility Design Packages:
  - 1. Boyle Station and Soto Station 100% designs,
  - 2. Atlantic, Maravilla, and East L.A. Civic Center 85% station designs, and
  - 3. Segments 2B, 4 and 5 85% civil designs.

#### **CRITICAL PATH NARRATIVE**

- 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.

#### Construction

At the Boyle Station, the structural excavation and shoring, grounding grid, and sub-invert concrete were completed. Installation of HDPE and a portion of full invert concrete were completed during the month of September 2005. Full invert concrete between grid lines 1.1 and 10 of Boyle Station is scheduled to be completed before the assembly of the EPBMs.

At the Soto Station, the Level-1 station structural excavation and the utility support continued during the reporting period.

The West Portal soldier pile installation began in late July 2005 along the north side of the First Street and was completed in early September 2005. The soldier pile installation along the south side began after vehicular traffic was diverted to the north side of the street and will continue through mid-October 2005. Thereafter, the temporary street decking and excavation will begin.

At the East Portal, excavation behind the existing LA County crematorium retaining wall continued. Demolition of the existing retaining wall is scheduled for mid-October 2005. Thereafter, the SBC ductbank and a new retaining wall will be constructed to allow street widening to occur along the north side of 1<sup>st</sup> Street.

Utility relocations continue along 3<sup>rd</sup> Street.

The contractor for Contract C0802 – 101 Freeway Bridge Overcrossing continued with the pile repairs, bridge column rebar cage erection, and the freeway roadway construction. Concrete was placed for bridge columns at Bents No. 5 and 6 during the reporting period. A 55-hour freeway lane closure took place between September 30 and October 3, 2005 for realignment of the freeway lanes.

### PROJECT COST STATUS

# COST REPORT BY ELEMENT ORIGINAL SCOPE ACTIVITIES

DOLLARS IN THOUSANDS

ELE.	DESCRIPTION	ORIGINAL	CURREN	CURRENT BUDGET COMMITMENTS		EXPENDITURES		CURRENT FORECAST		BUDGET! FORECAST	
MEXIT	BUDGET	BUDGET	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD "	TO DATE	VARIANCE
O	CONSTRUCTION	633,221	•	662,391	163	641,569	13,318	180,476	-	662,391	-
S	SPECIAL CONDITIONS	19,494	-	20,329	100	15,120	278	9,932	-	20,329	-
R	RIGHT-OF-WAY	40,358		41,742	-	41,563	404	36,013	-	41,742	-
Р	PROFESSIONAL SERVICES	135,304	-	135,938	-	97,340	1,348	75,912	-	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	263	795,592	16,347	302,317		884,014	
PF	PROJECT FINANCE COST	14,800		14,800		-	•	-	- 1	14,800	
Japan .	TOTAL	898,814		898,814	263	705,592	15,347	302,317		898,814	
NOTE	: EXPENDITURES ARE CUMULATIVE	THROUGH A	UGUST 2005	\$00 MARCOLANCE   80 MG 700 33	man a su si pininida	m, s. ser traje	i Pagarina a katarat	* # 3 # * * * * * * * * * * * * * * * * *	ASSESSED TO SERVICE OF	ter in manual register register	ూ కయ≗చు, మర్ <sub>కేం</sub>

# **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 associated with Contract C0803-Tunnel, Stations, Trackwork, and Systems and environmental compliance services. The \$795.6 million in Commitments to date represents 88.5% of the Original Budget.

#### **Expenditures**

Expenditures are cumulative through August 2005. The Expenditures increased by \$15.3 million this period primarily due to construction costs associated to Contract C0803 – Tunnel, Stations, Trackwork, and Systems. The \$302.3 million in Expenditures to date represents 33.6% of the Original Budget.

#### **PROJECT COST STATUS**

#### **COST REPORT BY ELEMENT**

**CONCURRENT NON-FFGA PROJECT ACTIVITIES** 

**DOLLARS IN THOUSANDS** 

ELE.	DESCRIPTION ORIGINAL		CURRENT BUDGET		COMMITMENTS		EXPENDITURES		CURRENT FORECAST		BUDGET! FORECAST
MENT	MENT	BUDGET	PERIOD	TO DATE	PERIOD	- TO DATE	PERIOD	TODATE	PERIOD	TO DATE	VARIANCE
ပ	CONSTRUCTION	18,000	•	18,000	-	6,342	120	160	-	18,000	-
s	SPECIAL CONDITIONS			-	-	-		-	-	•	-
R	RIGHT-OF-WAY	-		-	<del>-</del> -	-	-	-	-	-	-
Р	PROFESSIONAL SERVICES			-	-	-	-	-	-	-	
PC	PROJECT CONTINGENCY		-	-	-	-		-	-		-
PR	PROJECT REVENUE	-	-	-	-	-		-	-		
	SUBTOTAL	18,000		.18,000		6,342	120	160		18,000	
PF	PROJECT FINANCE COST		-	-	-	-	-	•	-	-	
	TOTAL	18,000		18,000		6,342	120	160		18,000	44 BB 31

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 2005

## **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% of the Original Budget.

#### **Expenditures**

There were \$0.1 million of Expenditures this period for the Low Profile Overhead Contact System. The \$0.2 million of Expenditures to date represents 1% of the Original Budget.

## FINANCIAL/GRANT STATUS - ORIGINAL SCOPE ACTIVITIES

The state of the man and the section of the state of the section o	[ (A) [	(B)	(C)	(D)	(D/B)	(E)	(E/B)	n \$ million (F)	8 (F/B)
SOURCE	ORIGINAL BUDGET	TOTAL FUNDS	TOTAL FUNDS	COMMIT	MENTS	EXPEND	TURES	BILLED to SOUR	FUNDIN
		ANTICIPATED	AVAILABLE	\$	%	<b>.</b>	%	\$	%
FEDERAL - SECTION 5309 NEW START	490.7	490.7	76.6	402.3	82%	76.8	16%	76.8	189
FED - SECTION 5309 FIXED GUIDEWAY	23.1	12.0	12.0	12.0	100%	3.0	25%	3.0	259
FEDERAL - CMAQ	10.3	10.3	10.3	10,3	100%	10.3	100%	10.3	1009
REGIONAL IMPROVMNT PROG-FED	179.8	4.6	4.6	4.6	100%	4.6	100%	4.6	1009
REGIONAL IMPROVM PROG-STATE	0.6	175.8	44.2	175.6	100%	34.5	20%	22.0	139
STATE TORP	45,0	45.0	45.0	45.0	100%	45.0	100%	45.0	1009
PROP A 35% / PROP C 40%	124.8	135.7	135.7	135.7	100%	118.1	87%	109.3	819
EASE REVENUES	10.1	10.1	10.1	10.1	100%	10.1	100%	10.1	1009
ACCRUALS					1				
SUB-TOTAL	884.0	884.0	338.7	795.6	90%	302.3	34%	282.0	329
PROP A/PROP C (INTEREST COST)	14.8	14.8	0.0	0.0	0%	0.0	0%	0.0	09

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 2005.

#### STATUS OF FUNDS ANTICIPATED

FEDERAL SECTION 5309 NEW STARTS: LACMTA received an appropriation of \$59.5M for FY05. However, because Congress didn't approve the Reauthorization Bill at the time of LACMTA's grant application, only \$39.1M was available at that time. The grant was executed on August 12, 2005 and funds are available for drawdown. A grant amendment for the remaining balance (\$20.4M) was subsequently submitted. The grant was executed on September 15, 2005 and funds are now 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.

# FINANCIAL/GRANT STATUS CONCURRENT NON-FFGA PROJECT ACTIVITIES

								in \$ millio	ns .
SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS	(C) TOTAL FUNDS	(D) COMMITI	(D/B) MENTS	(E) EXPENDI	(E/B) TURES	(F) BILLED to SOU	(F/B) o FUNDING RCE
_		ANTICIPATED (1)	AVAILABLE	\$	%	\$	%	\$	%
FEDERAL - CMAQ	14.0	0.0							
PROP C 40%	0.0	14.0	14.0	2.3	17%	0.2	1%		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%	0.2	1%	0.0	0%

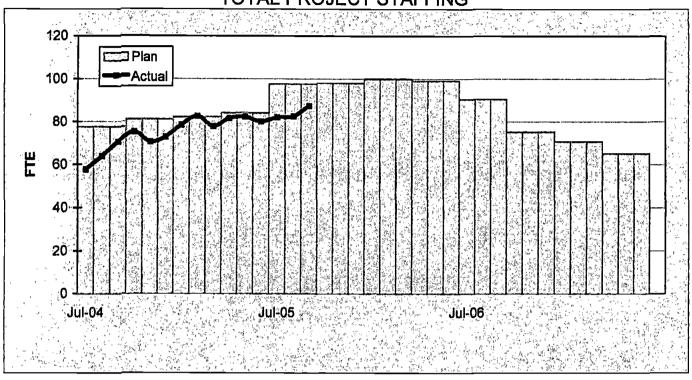
(1) Based on March 2005 Board Report. NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 2005.

# 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 with Proposition C 40% funds.

# **STAFFING STATUS**

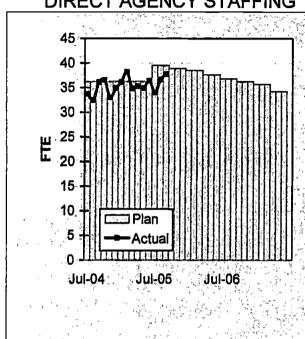
# TOTAL PROJECT STAFFING

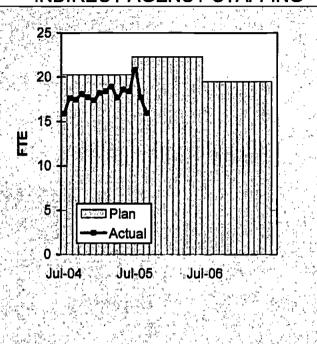


## **STAFFING STATUS**

# **DIRECT AGENCY STAFFING**

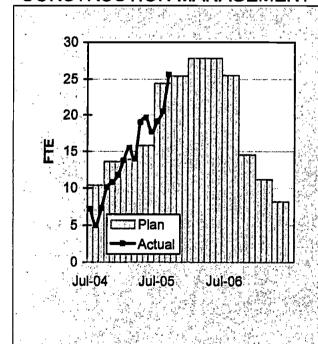
# INDIRECT AGENCY STAFFING

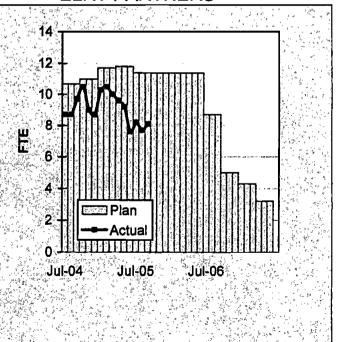




## **CONSTRUCTION MANAGEMENT**

**ELRT PARTNERS** 





#### **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 59 parcels are available (40 under C0803-Tunnel, 17 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.

REALE	STATE AC	CQUISTI	ON SCHED	ULE SUMMARY
	1	,		Robind Sobodu

		,		Behind	Schedule
Number of			On '		Avg.
Parcels			Schedule		Calendar
	Required	Acquired		Number	Days
This Period	69	59	10	0	0
Last Period	69	59	10	0	0

# REAL ESTATE STATUS TO DATE BY CONTRACT ACQUISITION PHASE

	• • • • • • • • • • • • • • • • • • • •		* * 9 6 6	1 % _ % 3 .5	. 100 - 2	1 B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CONTRACT NO.	Number of Parcels (A+B+C+D+E)	Agreements Signed (A)	Parcels in Condemnation (B)	Under Negotiation (C)	In Appraisal Process (D)	Inactive Parcels (E)	Parceis Available
C0803-Tunnel	40	36	4	0	0	0	40*
C0803-At-Grade	27	21	1	5***	0	1**	17
C0802	2	2	. 0	0	0	0	2
TOTAL	69	59	5	5	0	1	59
LAST PERIOD	69	59	5	5	0	1	59

<sup>\*</sup> Includes 4 properties acquired under condermation plus 36 escroves that were closed

<sup>\*\*</sup> Parcel ES-604 Ramona High School (portion to be acquired)

<sup>\*\*\*</sup> Alma parcels on hold pending decision regarding realignment of Indiana Station

## **ENVIRONMENTAL STATUS**

- Continued excavation work at the LA County Crematorium site under the oversight of Cogstone Resource Management.
- Numerous discoveries were found at the Crematorium site and removed for future reinterment.
- Approximately 85% of the Crematorium site has been cleared.
- Coordinated AQMD permit for concrete batch plant for Traylor Brothers.
- Began storm water control survey to ensure readiness for rainy season.

# **COMMUNITY RELATIONS STATUS**

- Held project briefings for the Review Advisory Committee and the Executive Review Advisory Committee.
- Coordinated installation of extensometers and settlement markers at structures along the tunnel alignment.
- Provided support to the Dolores Mission School, Proyecto Pastoral Community Cleanup and the LA Music and Arts School-Stars for the Arts event.

# **QUALITY ASSURANCE STATUS**

- Welder and Inspector qualification records, as well as, weld procedures continue to be reviewed by Project Quality Management to support on and off site work operations, including fire protection piping fabrication.
- Conducted a joint audit of the T-S-P tunnel segment precasting facility with the PMOC. A single observation was noted regarding Metro involvement in the repair approval process. The issue is under review.
- Coordinated with Metro Engineering to resolve the issue of 100 tunnel precast segments with cosmetic 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, LA Fire and PMOC representatives.
- 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 zero incidents for the month of September 2005. Project-to-date manhours: 550,000. A total of (7) recordable injuries to date. Statistical rate for recordable incidents are below the National Average.

## **ART DEVELOPMENT STATUS**

#### First/Lorena Construction fence mural

- Completed safety training for artist and subcontractor.
- Completed three-band paint motif.

#### **East LA Civic Center**

• Completed artist's public art concept.

#### **Atlantic Station**

· Completed artist's public art concept.

# THIRD PARTY AGREEMENT STATUS

<del></del>	7 7	I ZPP P IAI P 14 I		
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 7/21/05.
(Water/Power)	Amendment	10/05	*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 is expected to be forwarded to LACMTA Management and County Council for review.
So. Cal. Edison Co.	Amendment	10/05	*6/04	LACMTA is waiting for SCE to submit a redraft of the proposed amendment. The last call placed with 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	10/05	*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 7/21/05.
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.

**THIRD PARTY AGREEMENT STATUS (Continued)** 

	1			
Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	10/05	*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 7/21/05.
AT&T Local Services	Amendment	10/05	*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 7/21/05.
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

<sup>\*</sup> Work will be performed under the current MCA and will not delay ongoing work.

# **CPUC CROSSING SUMMARY**

					_					
Batch	atch Application Submitte		nitial Package Field Submittal to Diagnostic MTA Meeting		Draft Write- up to MTA	Draft Package Sumbittal to PUC Local office and Agencies	Final Package Submittal to PUC	CPUC Final Approval		
55 M 25 2	Complete	8/5/02	8/12/02	8/26/02	9/6/02	9/6/02	9/8/2002	Approved		
2	Complete	10/4/02	10/11/02	10/25/02	11/8/02	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		
(a) 6 has	Complete	3/19/03	3/28/03	6/20/03	2/7/03	9/5/03	4/9/12/2003	Approved 15 1 15 16		
,								Additional application (3rd/Ditman) to be submitted. On-hold until Indiana		
7	Complete	12/11/02	12/18/02	3/31/03	2/7/03	5/5/03	7/25/2003	St. alignment resolved		
3 8 h 5	. Complete	11/26/02	12/18/02	3/31/03	11/15/02	6/6/03	5/21/2004	Approved		
	Complete	1/20/03	.: 1/29/03 ·	3/31/03	11/22/02	8/29/03	9/12/2003	*** * * * Approved ***		
- 3 10 💢	Complete	12/11/03	12/18/02	€. 3/10/03 %.	11/22/02	5/5/03	8/29/2003	Approved Approved		
<u>11 🐍</u>	Complete	2/13/03	2/27/03	4/18/03	12/8/02	6/8/03	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		
.:: 1 <b>3</b>	Complete	2/6/03	_2/20/03∗.	4/18/03	2/21/03	<b>6/8/03</b>	9/1/2004	Approved		
14	Complete	1/8/03	1/15/03	3/14/03	11/12/02	8/29/03	10/30/2003 S	Approved		
15	::Complete	2/26/03	N/A	* NIA*	2/21/03	× 6/6/03	8/29/2003	Approved: ************************************		
16	© Complete	2/26/03	* WA	- ≥°N/A*:≥°	2/28/03	6/6/03	8/29/2003	Appřoved de la		
17	Complete	1/8/03	1/15/03	N/A	2/14/03	- 5/5/03	- 6/13/2003	Approved		
Agency B	SComplete : : esponsible	1/8/03 ELRTP	1/15/03 MTA	3/20/03 ELRP	2/14/03 ELRTP	5/5/03 MTA	≲ .6/13/2003 (: MTA	Approved ** **		
WROHON IC	ם מונים מונים מונים	PFIXIE	TAN E AV	LL//F	ELVIL	MILE	MIN			

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	1	3rd / McDonnel
	1st / Hewitt		3rd / Arizona
	Ped Crossings @ 1st / Alameda Station	11	3rd / Mednik
3	1st / Vignes	Î	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	i	3rd / 60 Fwy over ELRT
	1st / Anderson		3rd / 710 Fwy SW Connector
1	1st / Clarence	ì	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	L	1st / Myers
8	3rd / Gage	16	1st / MTA
	3rd / 60 Fwy WB Ramps	ł	1st / BNSF
	3rd /Downey		1st / Union Pacific
9	3rd / Marianna	17	US 101 Fwy Overcrossing
	3rd / Eastern	18	Commercial Street Overcrossing

# **CONTRACT C0802 STATUS**

Bridge Overcrossing	Contract No.	COOOS								
Description: 101 Freeway Bridge Overcrossing			Contract No. C0802							
Contractor: Brutoco Engineering & Construction			Status as of: September 30, 2005							
Progress/Work Completed:			Major Activities (In Progress):							
* Completed 55-hour freeway lane closure for lane realignment.		* Pile repair for Bent Nos. 7, 8 and Abutment 10. * Roadway construction. * Drainage systems construction.								
	* Roadway construct * Pile repair for Ben	tion. t 7 and Be	nt 8.	l:						
		Original				·				
		Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs				
09/07/04	Notice to Proceed	09/22/04	0	09/22/04	09/22/04	0				
09/22/04	Milestone 1 - Complete Abutment No. 10	08/26/06	31	07/27/06	07/27/08	0				
700 CD 729 CD	Milestone 2- Complete All Work	08/23/08	33	09/25/06	09/25/06	0				
373 CD				_						
Physical Percent Complete:			Cost Summary: \$ In millions							
Physical completion * as of this reporting period is: 33.08%		1. Award Value: 6.42								
	į.				0.00					
* Note: Physical completion assessment reflects work completed		3. Approved Change Orders:				0.00				
and invoice amount shown in Caitrans Monthly Progress/ Expense Report No. 11, dated 9/19/2005.		4. Current Contract Value (1+2+3):				6.42				
	5. Incurred Cost;				2.67					
	Nos. 5 and 6. sure for lane realignment.  09/07/04  09/22/04  700 CD  729 CD  373 CD  e: ng period is: 33.08%  nt reflects work completed is Monthly Progress/	Nos. 5 and 6. Sure for lane realignment.  * Pile repair for Ben * Roadway construct * Drainage systems  * Major Activitie * Roadway construct * Pile repair for Ben * Open Gary Street  * Open Gary Street  * Open Gary Street  * Milestone 1 - Complete Abutment No. 10  * Milestone 2- Complete All * Work  * Cost Summal * 1. Award Value: * 2. Executed Modifie * and proved Chang * to reflects work completed * s Monthly Progress/ * Oral Summal * Approved Chang * 4. Current Contract * Oral Summal * Open Gary Street * Open Gary St	* Pile repair for Bent Nos. 7, 8 * Roadway construction. * Drainage systems construction. * Drainage systems construction. * Pile repair for Bent Nos. 7, 8 * Roadway construction. * Pile repair for Bent 7 and Be * Open Gary Street on/off ram  Oglor/04  Oglor/04  Oglor/04  Oglor/04  Oglor/04  Oglor/04  Oglor/04  Notice to Proceed  Oglor/06  Milestone 1 - Complete Abutment No. 10  Milestone 1 - Complete Abutment No. 10  Milestone 2 - Complete All Oglor/06  Work  Oglor/06  Oglor/07  Oglor/07  Oglor/08  O	Pile repair for Bent Nos. 7, 8 and Abutt Roadway construction.  Major Activities Next Period Roadway construction.  Roadway construction.  Roadway construction. Pile repair for Bent 7 and Bent 8. Open Gary Street on/off ramps.  O9/07/04 O9/22/04  Notice to Proceed O9/22/04  Milestone 1 - Complete Abutment No. 10  Milestone 1 - Complete All Work  700 CD 729 CD 373 CD  Cost Summary: 1. Award Value: 2. Executed Modifications: 3. Approved Change Orders: 4. Current Contract Value (1+2+3):	Nos. 5 and 6. sure for lane realignment.  * Pile repair for Bent Nos. 7, 8 and Abutment 10. * Roadway construction.  * Major Activities Next Period:  * Roadway construction.  * Roadway constructio	Pile repair for Bent Nos. 7, 8 and Abutment 10. *Roadway construction. *Drainage systems construction.  *Major Activities Next Period: *Roadway construction. *Pile repair for Bent 7 and Bent 8. *Open Gary Street on/off ramps.  *Open Gary Street on/off ramps.  **Delea **				

# **CONTRACT C0803 STATUS**

Description: Tunnel, Stati Systems	Contract No. C0803							
Contractor: Eastside LRT	Status as of: September 30, 2005							
Progress/Work Complete	Major Activities (In Progress):							
Completed Boyle Station grounding Delivered major parts of tunnel borir Completed soldier pile installation a Completed West Portal deck beam Submitted 85% design for Soto Stat Submitted 85% civil design for Segn Submitted initial civil design for Segn	* Boyle Station invert HDPE installation  * Boyle Station rebar/concrete for full invert slab  * Delivering remaining parts of tunnel boring machines  * Precast tunnel liner segments manufacturing  * Soto Station, East Portal, and 3rd Street utility relocations  * West Portal south side solider pile installation  * East Portal excavation behind the existing retaining wall  * Boyle Station 100% design  * Maravilla Station 85% design  * Little Tokyo and Pico/Aliso 100% station design  * 85% design for TPS/OCS/TC/Communications Systems							
Areas of Concern:		<b>BB</b> • - <b>B</b> - 4• • 44	<b>.</b>	4 3				
None		* Unload and asset * Tunnel eye prepa * Tunnel liner segm * West Portal south * West Portal temp * Soto Station struc * Boyle Station full	mble tunne ration nents man n side solid orary stree ctural exca	of boring m infacturing der pile inst et decking i vation	achines allation installation			
Schedule Summary:		_	Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs	
Date of Award:	06/01/04	Notice to Proceed	07/01/04	0	07/01/04	07/01/04	0	
Notice to Proceed:  Original Contract Duration:	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:	1795 CD 457 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	0	05/30/09	05/30/09	0	
		Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0	
Physical Percent Complet	Cost Summary: \$ In million					ns		
Physical completion * as of this reporting period is: 16.64%		1. Award Value: 600.45						
* Note: Physical completion assessme and invoice amount.	2. Executed Modif 3. Approved Chan 4. Current Contrac 5. Incurred Cost:	ge Orders			0.50 0.22 601.17 186.21	:		

# **CONTRACT P2550 STATUS**

Description: 2550 Rail Vel	nicle Program	Contract No. F					
Contractor: Ansaldobreda	Status as of: September 30, 2005						
Progress/Work Completed:  1.Proof of Design Testing and Prelimina on the first two 2550 LRVs (701A & B, e 2. The IPT conducts on-going weekly of in Los Angeles, New York, Pistola, and 3. The Contractor Engineering Issues on 4. The Contractor's Italian and Stateside discussed the mobilization of the Pittsb plant.  Areas of Concern:  1. Documentation submittals are close to contracted with a consultant to "catch-2. Milestone 5A - Approval of all design of Cab Mock-up, Milastone 7A and Miles Motors Parf. Tests, are not yet consider approved.  3. Although the Pittsburg mobilization is must be made so that the hiring of labor	Major Activities (In Progress):  1. Ansaldobreda Is working towards achievement of Milestone Nos. 5A, 6A, 7A and 8A work.  2. The contractor continues to work towards completion of Milestone Nos. 9A, 10A, 11A and 12A.  3. Ansaldobreda Testing Engineers are in los Angeles and are preparing LRV 702 for Acceptance Testing in October 2005.  4. Pittsburg plant modifications including installation of tools & equipment are on-going and expected to be completed next period.  5. Major vehicle sub-assemblies in the Pistola plant are being prepared for shipment to the Pittsburg plant.  Major Activities Next Period:  1. LRV 702 will complete Acceptance Testing.  2. LRV 701 will be prepared for Acceptance Testing.  3. The IPT will continue closely monitoring end expediting where necessary for all scheduled activities involved in constructing and supporting the P2550 rail vehicle production.  4. Weekly teleconference meetings will continue in order to monitor technical design completion for the P2550 rail vehicles.  5. Final vehicle assembly for LRV 703 and 704 will continue in the Pistola plant.						
Schedule Summary:		6. Delivery of major	Original Contract Dates	Time Extension	Current Contract	Forecast	Variance COs
Date of Award:	04/24/03	Notice to Proceed	08/08/03	0	6/06/03A	8/06/03A	0
Notice to Proceed:	06/06/03	Milestone 1A -	08/08/03	0	12/08/03	10/15/03A	0
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:	847 CD	Milestone 4A -	01/02/04	0	01/31/04	3/31/04A	0
Option 1 & 2 Contract duration	1460 CD**	Milestone 5A - Appr.dwgs, per Sect. 1.13.1Tech Specs Milestone 6A - Appr.of	03/0//04	0	05/07/04	10/31/06	542
** after starting options 1 & 2		Operator Cab Mockup Milestone 7A - Appr.Carbody	06/04/04	0	06/04/04	10/31/06	514
		Stress Analysis & C.T. Report Milestone &A - Appr.of	11/05/04	0	11/05/04	10/31/05	360 360
		Traction Motors Perf. Tests Milestone 9A - Appr.of Final	_				
Note: MTA Issued Modification No. 1 to	Ansaldobreda. Modification No.	Op. Hazard Analysis Milestone 10A - Deliver Draft	02/04/05	0	02/04/05	10/31/05	269
1 is a zero-cost, miscellaneous administ		Op.Maint.H. Repair Manuals Milestone 11A - Appr.of Op.	02/11/05	0	02/11/06	10/31/05	262
modification. MTA completed Modificati recently granted California Board Of Equ		Training Program	04/08/05	0	04/08/05	10/31/05	206
Sales Tax on the Light Rall Vehicles.		Milestone 12A-Appr.of Oper., Maint, & Heavy Repair	09/23/05	0	09/23/06	10/31/05	38
		Milesione TAA-Complisappirv. ell Cer-level Design Qualif Tests	11/18/05	0	11/18/05	11/18/05	0
		Milestone 14A-Compl.&Apprv. Weight Control Program Plan	11/18/05	0	11/18/05	11/18/05	0
		Milestone 15A - Acceptance of Two First Article Vehicles	11/18/05	o	11/18/05	11/18/05	0
		Milestone 18A - Completion of Operating & Maintenance Training Programs	12/30/05	0	12/30/05	12/30/05	0
Physical Percent Complete	:	Cost Summary	:		\$ I:	n millio	ns
Physical completion * as of Sept  * Note: Physical completion asse	1. Award Velue:     Pasadena (Proj. No.: 800151)     Eastside Ext. (Proj. No.: 800088)     Total Award Value     158.74 2 Executed Modifications 3 Approved Change Orders: (None) 0.00						
completed and invoiced plus cur	4 Current Contract Value (1 + 2 + 3): 5 Pending Changes: (None) 6 Incurred Cost:				158.74 0.00 52.68		

# **CONSTRUCTION PHOTOGRAPHS**

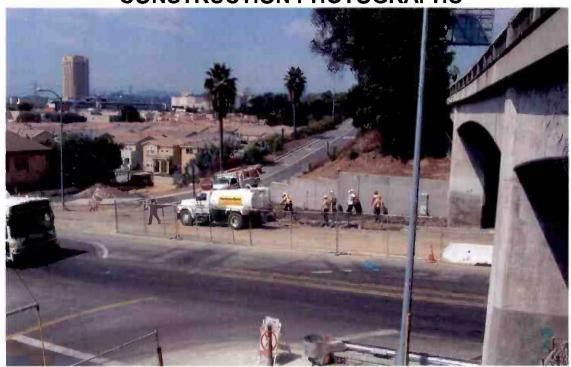


Boyle Heights/Mariachi Plaza Station invert slab.

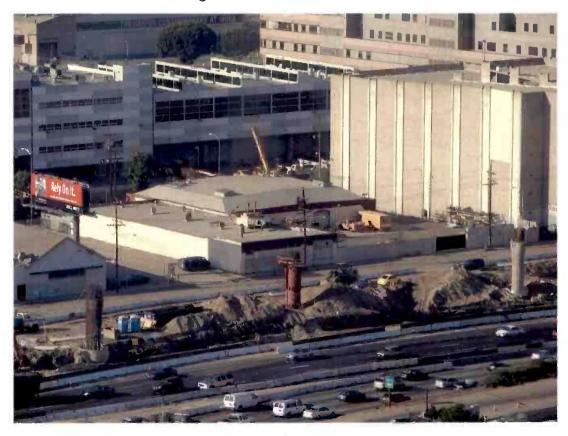


Soto Station structural excavation.

# **CONSTRUCTION PHOTOGRAPHS**



Widening of 1<sup>st</sup> Street at the West Portal.



Columns for the 101 Freeway Bridge Overcrossing.

# APPENDIX COST AND BUDGET TERMINOLOGY

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

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

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

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

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

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

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

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

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

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

### **APPENDIX**

# LIST OF ACRONYMS

AFE Authorization For Expenditure

ATC Automatic Train Control

CADD 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

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

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

LACMTA Los Angeles County Metropolitan Transportation Authority

LADOT Los Angeles Department of Transportation

#### **APPENDIX**

# LIST OF ACRONYMS (Continued)

LADPW Los Angeles Department of Public Works
LADWP Los Angeles Department of Water and Power

LAUSD Los Angeles Unified School District

LNTP Limited Notice To Proceed LONP Letter Of No Prejudice LRT Light Rail Transit

LRTP Long Range Transportation Plan

LRV Light Rail Vehicle
MIS Major Investment Study

MPSR Monthly Project Status Report

N/A Not Applicable

NEPA National Environmental Protection Act

NPDES National Pollution Discharge Elimination System

NTE Not to Exceed NTP Notice To Proceed

OCIP Owner-Controlled Insurance Program

P3 Primavera Project Planner® (scheduling software)

PC Project Control

PE Preliminary Engineering

PEER Permit Engineering Evaluation Report

PGL Pasadena Gold Line

PIP Project Implementation Plan

PM Project Manager

PMA Project Management Assistance

PMIP Project Management Implementation Plan PMOC Project Management Oversight Consultant

PMP Project Management Plan (manual)

P&P Policies & Procedures

PR Project Report

PSR Project Study Report QA Quality Assurance

QAR Quality Assurance Report

QC Quality Control

QPSR Quarterly Project Status Report RAC Review Advisory Committee

RAG Rail Activation Group
RFC Request For Change
RFP Request For Proposal
ROD Record Of Decision

ROD Revenue Operations Date ROM Rough Order of Magnitude

# APPENDIX LIST OF ACRONYMS (Continued)

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
TBM 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