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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.*

Design by the Eastside LRT Partners through this reporting period is 99% complete vs. 99% planned. The remaining design activity for the Eastside LRT Partners is the California Public Utilities Commission (CPUC) applications for grade crossings.

The Invitation For Bid (IFB) for Contracts C0800 and C0801 occurred on June 9, 2003. The solicitation was advertised under Contract C0803 in which bidders can bid C0800, C0801 or the combined work of C0800 and C0801. The pre-bid conference will be held on July 11, 2003.

The price bids for all three contracting opportunities are due in early November 2003 and the contract award(s) and the Notice-To-Proceed(s) are scheduled for early December and early January 2004, respectively.

The impacts to the project schedule and Revenue Operations Date (ROD) have been evaluated relative to the contracts re-packaging strategy and bids outcome/award scenarios. Based on the award of a combined bid package of C0800 and C0801, ROD is forecasted to occur in December 2008. Based upon the award of separate packages, ROD is forecasted to occur in June 2009.

On July 21, 2003, MTA staff briefed Federal Transit Administration staff members on the status of the Project. The goal is to have the FFGA executed prior to contract award(s) in early December 2003.

Advanced utility relocations by Adelphia Cable began in early July 2003 at the Boyle Heights/Mariachi Plaza Station. Los Angeles Department of Water and Power began relocating power utilities at the Soto Station site in late July 2003. Commencement of the remaining utility relocations is planned for July and August 2003.

## **MANAGEMENT ISSUES**

There are no Management Issues this reporting period.

## PROJECT SCOPE

### **Contract C0802 – 101 Freeway Bridge**

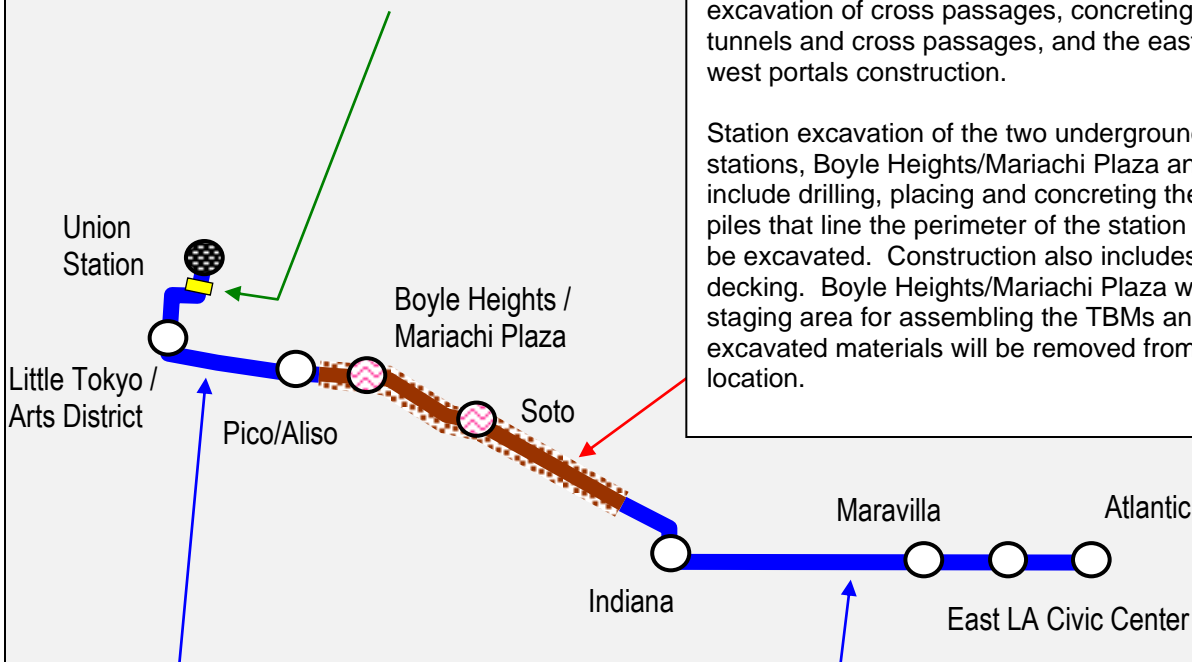
**Overcrossing:** The construction of the bridge will be combined with Caltrans freeway improvements project. While Caltrans will advertise and administer the construction, MTA will remain responsible for the design and construction costs of the bridge overcrossing.

### **Contract C0800 - Tunnel and Station**

**Excavation:** This contract will be design/bid/build. The contractor will be selected utilizing a sealed bid, where the award will be based on the lowest priced technically qualified bid.

The start of tunnel construction is based upon the completion of final design, successful construction award and acquisition of full take real estate parcels. 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.



**Contract C0801 - Stations, Trackwork, and Systems:** This contract will be design/build. The contractor will be selected utilizing the two-step low bid procurement, following the guidelines set forth in the Federal Acquisition Regulations (FAR) Part 15 and requirements of California Public Utilities Code (CPUC) Section 130242.

The construction of each underground station will occur at the successful completion of the critical tunnel boring work under contract C0800. 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.

All six of the at-grade stations along the six-mile alignment will be constructed under this contract.

This contract includes all the 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.

Note: Contract C0803 encompasses work scope of both Contract C0800 and C0801.

**KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD**

	Milestone Date	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03
Caltrans Approve Structures PS&E - 101 Freeway Overcrossing (C0802)	7/17/03*	△					
Final Package Submittal to CPUC: Grade Crossings (Batches: 7, 8, 9, 11, 12, 13, 15 & 16)	7/25/03*	◆					
Caltrans Approve PSR/PR - 710 Freeway Undercrossing (C0801)	7/31/03*	△					
Caltrans Approve Roadway PS&E - 101 Fwy Overcrossing (C0802)	8/11/03*		△				
Final Package Submittal to CPUC: Grade Crossings (Batches: 4A, 6 & 14); #5 is on hold due to Midway Yard Option	8/16/03*		◆				
Technical & Qualification Bids Due - Contracts C0800, C0801 and C0803	8/20/03*		◆				
Caltrans Approve PSR/PR - 60 Freeway Undercrossing (C0801)	9/1/03*			△			
Notification of Qualification (Tech. Bids) - C0800, C0801 and C0803	9/10/03*			◆			
Caltrans Approve PSR/PR - Cut & Cover at 101 Freeway (C0800)	9/30/03*			△			
Price Bids Due - Contracts C0800, C0801 and C0803	11/7/03*					◆	
Congressional Review/Approval of FFGA	11/28/03*					◆	
FTA Execute FFGA	12/5/03*						FTA
Award Contract C0800, C0801 and C0803	12/9/03*						◆



MTA Staff Milestone



Other Agencies



Eastside LRT Partners Deliverables

\*

New Date

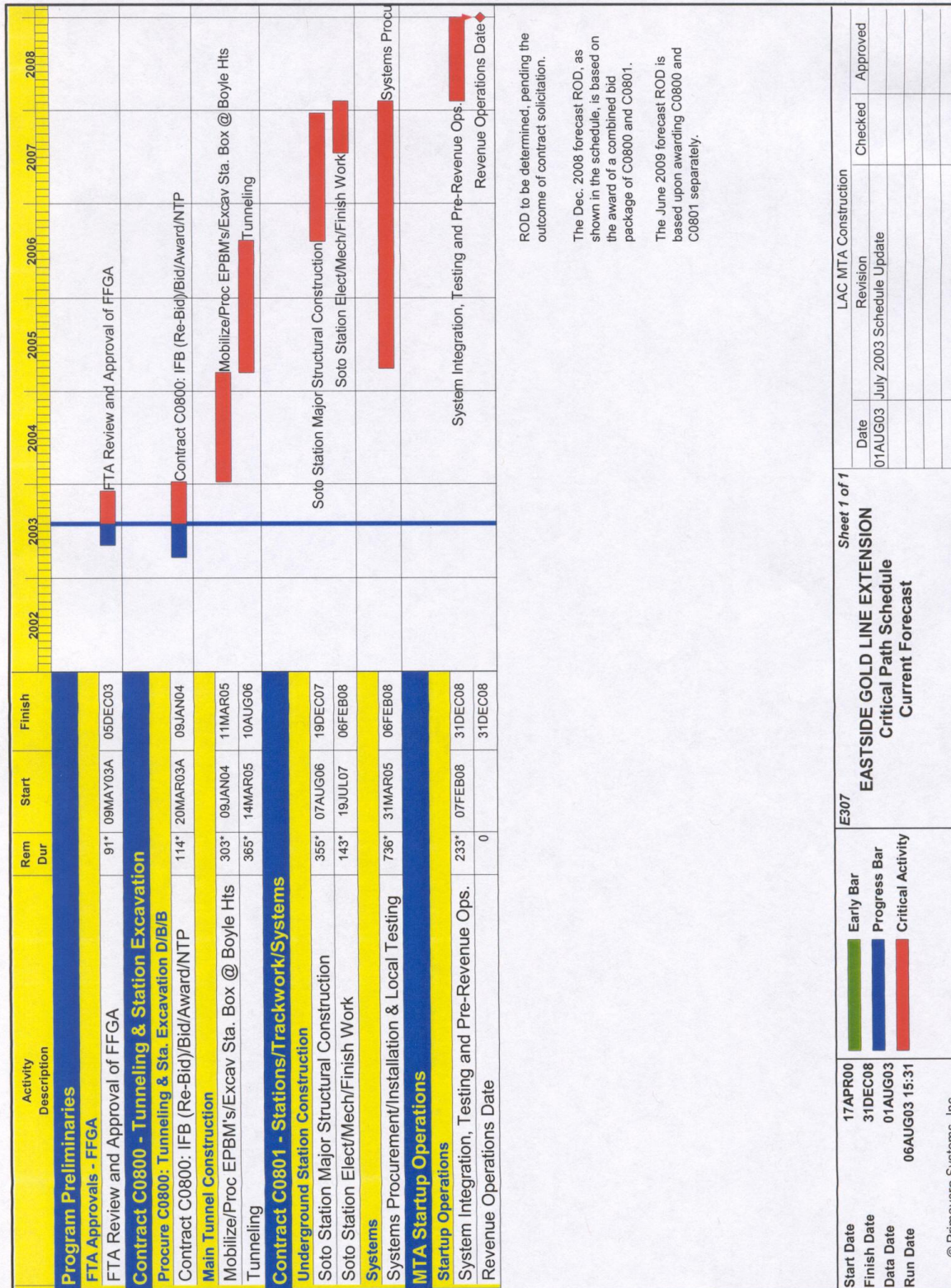
**FTA**

FTA Approval



MTA Board Approval

## PROJECT MASTER SCHEDULE CRITICAL PATH



Sheet 1 of 1  
**EASTSIDE GOLD LINE EXTENSION**  
Critical Path Schedule  
Current Forecast

Start Date 17APR00  
Finish Date 31DEC08  
Data Date 01AUG03  
Run Date 06AUG03 15:31

Legend:  
Early Bar (Green)  
Progress Bar (Blue)  
Critical Activity (Red)

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## **CRITICAL PATH NARRATIVE**

The Invitation For Bid (IFB) for Contracts C0800 and C0801 was advertised on June 9, 2003. The solicitation was advertised under Contract C0803 in which bidders can bid C0800, C0801 or the combined work of C0800 and C0801. The schedules provided in this report are based on the scenario that a single contract of the combined work in C0800 and C0801 will be awarded.

The bidders will submit the technical/qualification submittals in late August for evaluation. After notification of qualified bidders, price bids will be received in early November 2003. The Contract Award(s) and the Notice To Proceed(s) are scheduled for early December 2003 and early January 2004, respectively. The contract award(s) is contingent upon FTA approval of the FFGA.

Upon the issuance of Notice To Proceed(s), there will be a 13-month lead time for the procurement of two Earth Pressure Balance Machines (EPBMs). Concurrent with the EPBM procurement, the project will proceed with mobilization, pile installation, and station box excavations. The station box excavations are scheduled to complete prior to the EPBMs delivery.

The critical path continues with EPBMs assemblies, excavation of both tunnels, excavation of crosspassages, and tunnel invert and walkway construction. The critical path then follows Soto underground station construction. The systems equipment installation and local facilities testing is the last stage of the critical path prior to entering the final test stage where systems integration testing and pre-revenue operations are conducted.

The impacts to the project schedule and ROD have been evaluated relative to the contracts re-packaging strategy and bids outcome/award scenarios. Based on the award of a combined bid package of C0800 and C0801, ROD is forecasted to occur in December 2008. Based upon the award of separate packages, ROD is forecasted to occur in June 2009.

## PROJECT COST STATUS

*In \$ Million*

Description	Previous Estimated Project Cost	Current Estimated Project Cost	Variance	Commitments	Expenditures
Guideways	287.0	287.0	0.0	0.0	0.0
Yards & Shops	35.6	35.6	0.0	0.0	0.0
Systems/Equipment	76.1	76.1	0.0	0.0	0.0
Stations	109.4	109.4	0.0	0.0	0.0
Vehicles	31.7	31.7	0.0	31.7	2.1
Special Conditions	55.0	55.0	0.0	12.0	1.5
Right-of-Way	53.0	53.0	0.0	51.0	15.3
Professional Services	145.3	145.3	0.0	56.4	47.9
Contingency	87.4	87.4	0.0	0.0	0.0
<b>TOTAL</b>	<b>880.4</b>	<b>880.4</b>	<b>0.0</b>	<b>151.1</b>	<b>66.8</b>



**CHANGE CONTROL STATUS**

	A	B		C		D=A+B+C	E		F=D+E
	Approved					Obligated	Potential		
	Description	Award Amount	Executed Changes		LNTPs (NTE)		Total Approved Amount	Pending	
#			\$	#	\$	#		\$	
Engineering Design Services	18,929,502	11	12,073,328	0	0	31,002,830	0	0	31,002,830
Environmental Services	648,564	1	183,517	6	74,500	906,581	1	587,500	1,494,081
Design/Build Advisory Panel Services	1,059,840	0	0	0	0	1,059,840	0	0	1,059,840
Project Management Assistance Support	166,366	7	3,256,556	0	0	3,422,922	0	0	3,422,922
TOTAL	20,804,272	19	15,513,401	6	74,500	36,392,173	1	587,500	36,979,673

## FINANCIAL/GRANT STATUS

**JULY 2003**

### STATUS OF FUNDS BY SOURCE

in \$ millions

SOURCE	(B) TOTAL FUNDS ANTICIPATED	(C) TOTAL FUNDS AVAILABLE	(D) COMMITMENTS \$	(D/B) %	(E) EXPENDITURES \$	(E/B) %	(F) BILLED to FUNDING SOURCE \$	(F/B) %
FEDERAL - SECTION 5309 NEW START	490.7	17.3	77.3	16%	12.0	2%	12.0	2%
FED - SECTION 5309 FIXED GUIDEWAY	23.1			0%		0%		0%
FEDERAL - CMAQ	10.3			0%		0%		0%
REGIONAL IMPROVMNT PROG-FED	179.6	4.6	28.3	16%	4.6	3%	4.6	3%
REGIONAL IMPROVM PROG-STATE	0.6	0.6	0.6	100%	0.6	100%	0.6	100%
STATE TCRP	45.0	45.0	45.0	100%	40.4	90%	40.4	90%
PROP A 35% / PROP C 40% BONDS	121.0			0%		0%		0%
LEASE REVENUES	10.1			0%		0%		0%
UNBILLED ACCRUALS		3.6			9.2			
<b>TOTAL</b>	<b>880.4</b>	<b>71.1</b>	<b>151.1</b>	<b>17%</b>	<b>66.8</b>	<b>8%</b>	<b>57.6</b>	<b>7%</b>

(1) Based on May 03 draft FFGA Report

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JUNE 2003.

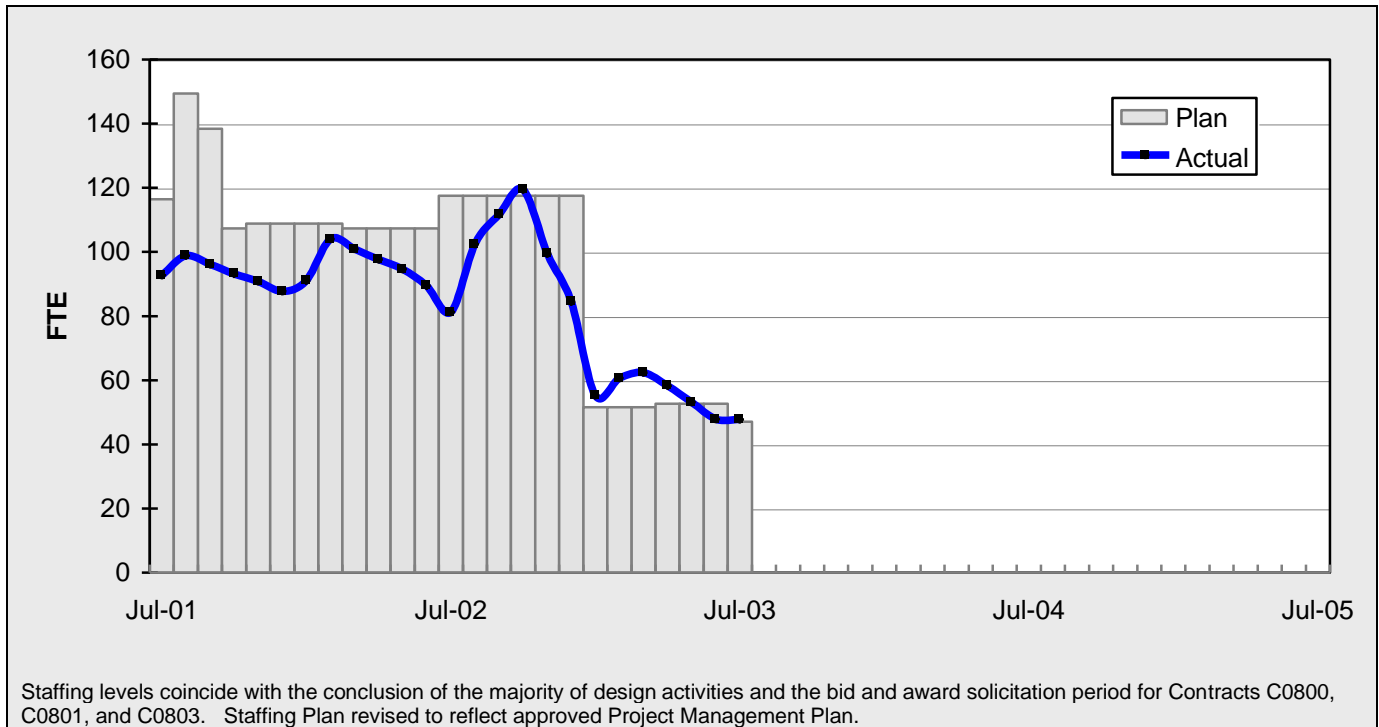
## STATUS OF FUNDS ANTICIPATED

**FEDERAL SECTION 5309:** MTA submitted a grant amendment application CA-03-0508-04 for \$3,934,330 on April 18, 2003. Funds are available for draw down as of June 2003.

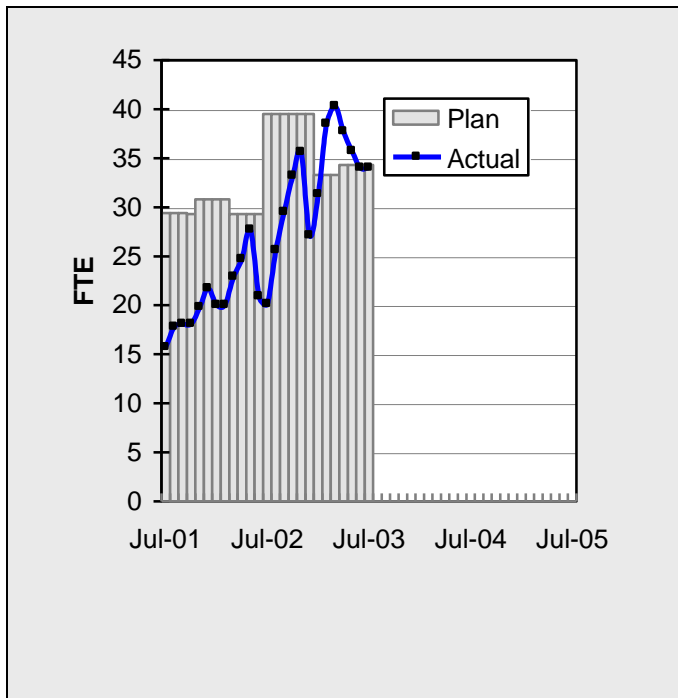
**STATE TCRP:** On April 3, 2003 the California Transportation Commission approved MTA's request to amend the STIP to convert \$191 million of unallocated TCRP funds to STIP funds.

## STAFFING STATUS

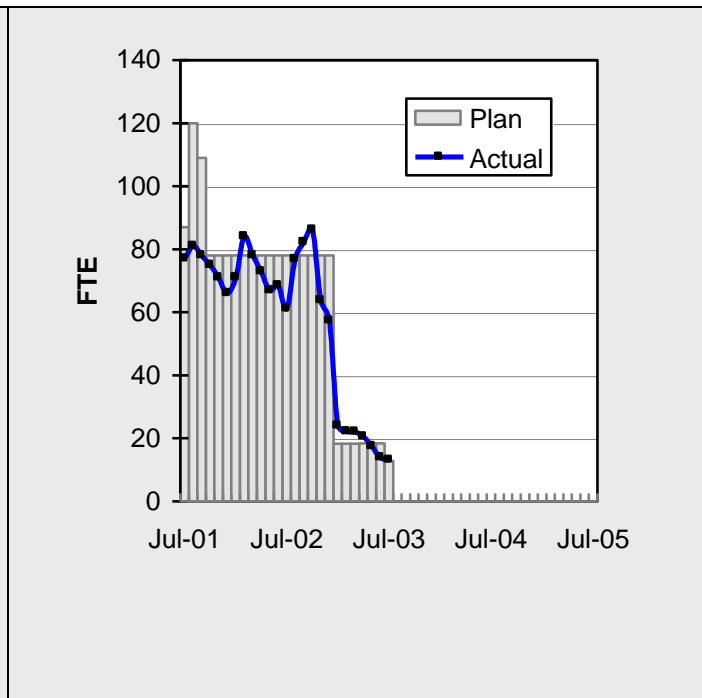
### TOTAL PROJECT STAFFING



### AGENCY STAFFING



### ELRT PARTNERS



**REAL ESTATE STATUS**

- For C0800, the tunnel portion of the alignment, 45 parcels are required for acquisition (10 full takes, 18 sub-surface easements, 8 part takes, 5 sub-surface easements/building protection, 2 building protections, 1 street vacation and 1 permit from Caltrans which will be coordinated through MTA's Third Party Coordination).
- For C0801, the at-grade portion of the alignment, 33 parcels are required for acquisition (19 full takes, 9 partial takes, 3 street vacations, and 2 permits required from Caltrans which will be coordinated through the MTA's Third Party Coordination office). Nine parcels have been identified for the proposed Ramona High School site reconfiguration.
- For C0802, 3 parcels are required (2 surface easements and 1 full take parcel).
- Sixty-one parcels have been certified, 39 for C0800, 20 for C0801 and 2 for C0802. Offers have been made to 23 property owners. A total of 13 parcels have been acquired (8 under C0800 and 5 under C0801). Three parcels are in condemnation and Real Estate is in negotiations with the other property owners.

**REAL ESTATE ACQUISITION SCHEDULE SUMMARY**

<i>Number of Parcels</i>	Required	Acquired	On Schedule	Behind Schedule	
				Number	Avg. Calendar Days
This Period	81	13	68	0	0
Last Period	79	13	66	0	0

**REAL ESTATE STATUS TO DATE BY CONTRACT**

Actual Parcels

Contract	No. of Parcels	Certified	Just Comp Approved	Offers Made	Agreements Signed	Condemnation	Parcels Available	Parcels projected to be unavailable by need date
C0800	45	39	15	15	8	3	8	0
C0801	33	20	5	6	5	0	5	0
C0802	3	2	2	2	0	0	0	0
<b>TOTAL</b>	81	61	22	23	13	3	13	0
Last Period Total	79	55	19	19	13	3	13	0

## **ENVIRONMENTAL STATUS**

- Prepared Contract Work Orders for Urgent and Emergency Response Services.
- Continued work on Groundwater Treatment Units.
- NPDES approval scheduled for the Regional Water Quality Control Board September 2003 Board Meeting.

## **COMMUNITY RELATIONS STATUS**

- Coordinated public outreach events with community representatives to facilitate public interest in the Metro Gold Line Eastside Extension Project.
- Conducted meetings with business owners to discuss pre-construction activities impact mitigation.
- Continued education campaign on advanced utility relocation.
- Continued coordination of pre-construction survey activities with Pinnacle One.

## **QUALITY ASSURANCE STATUS**

- Conducted a surveillance of Eastside Partners design review and quality assurance processes for C0803, Addenda Numbers 1 and 2.
- Conducted a surveillance of Eastside Partners C0803 "Issued for Solicitation" CDs to verify the accuracy of transferring design data from the CADD files to CDs.

## **SAFETY STATUS**

- Participated in Pre-Bid Conference for C0803 Tunnel/Excavation and Trackwork.
- Responded to bidders questions during the technical evaluation process.

## THIRD PARTY AGREEMENT STATUS

Third Party	Type of Agreement	Construction Need Date	Forecast Execution Date	Status/ Comments
City of Los Angeles	Amendment	4/16/03	12/23/02	Fully executed on 12/23/02.
Los Angeles County	Master	7/03	4/1/03	Execution completed 4/1/03.
Caltrans (All Projects)	Master	11/03	7/03	Execution by Caltrans occurred in July.
Caltrans (101)	Design	11/03	7/03	Execution by Caltrans occurred in July.
Caltrans (101)	Construction	11/03	9/03	MTA execution completed 6/16/03. Full execution by Caltrans is being circulated through for signatures.
Caltrans (101)	Maintenance	6/07	1/04	Initial negotiation meeting on 1/9/03 resulted in MTA's recommendation to use the existing agreement with a similar San Diego system. The San Diego agreement was forwarded to MTA on 1/29/03. MTA received a draft from Caltrans on 4/10/03. MTA returned the agreement to Caltrans on 4/22/03 with comments. After a negotiation meeting held on 7/29/03, a draft agreement from Caltrans is anticipated to be forwarded to MTA on 8/1/03 for review.
LADWP (Water)	Amendment	11/03	8/03	Draft amendment submitted. Awaiting LADWP concurrence to use existing MCA until an amendment is executed.
LADWP (Power)	Amendment	11/03	9/03	LADWP signed off 3/13/03 to work under the previous MCA until an amendment is executed.
So. Cal. Edison Co.	Amendment	11/03	10/03	Draft amendment was sent to SCE on 10/24/02.
The Gas Company	Amendment	11/03	10/03	The Gas Co. has been and will continue to work under previous agreement until an amendment is executed.
Pacific Bell	Amendment	11/03	10/03	Another draft agreement was sent to Pac Bell on 2/4/03. PacBell responded on 4/17/03 with additional markup, which is being reviewed by MTA Legal.
Adelphia Cable Company	Amendment	11/03	10/03	Awaiting Adelphia's concurrence to use existing MCA until an amendment is executed.
California Water Service Company	Master	11/03	10/03	Legal is reviewing the draft submitted on 4/23/03.
L.A.County Sanitation Districts	N/A	11/03	3/26/03	Sanitation District letter dated 3/26/03 stated no need for an agreement since there are no relocations necessarily related to their facilities. They will review the submittals related to encasement for their facility on Indiana Street.

**THIRD PARTY AGREEMENT STATUS (Continued)**

<b>Third Party</b>	<b>Type of Agreement</b>	<b>Construction Need Date</b>	<b>Forecast Execution Date</b>	<b>Status/ Comments</b>
MCI Worldcom	Amendment	11/03	10/03	A revised draft amendment was developed using the new format and sent to MTA Legal on 4/23/03 for review.
Metropolitan Water District	Amendment	11/03	4/21/03	1/7/03 meeting resulted in using the existing agreement. A letter was sent to MWD on 4/1/03 for their concurrence. Concurrence was executed by MWD on 4/21/03 and received on 5/12/03.
Verizon Wireless	Amendment	11/03	9/03	An amendment was drafted and sent to MTA Legal on 4/23/03 for review.
AT & T Local Services	Amendment	11/03	9/03	An amendment was drafted and sent to MTA Legal on 4/7/03 for review.
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
Qwest-SP Telecom	N/A			Facilities are not impacted by Eastside Construction

## CPUC CROSSING SUMMARY

<i>Batch</i>	<i>Status</i>	<i>Initial Package Submittal to MTA</i>	<i>Field Diagnostic Meeting</i>	<i>Revised Drawings Due to MTA</i>	<i>Draft Write-up to MTA</i>	<i>Draft Package Sumbittal to PUC Local office and Agencies</i>	<i>Final Package Submittal to PUC</i>
1	Complete	8/5/02	8/12/02	8/26/02	9/6/02	9/6/02	9/6/02
2	Complete	10/4/02	10/11/02	10/25/02	11/6/02	11/22/02	11/22/02
3	Complete	2/6/03	2/27/03	3/10/03	1/27/03	4/11/02	4/18/03
4	Completed	12/14/02	1/15/03	1/29/03	11/13/02	5/5/03	6/18/03
4A	In Progress	1/24/03	1/29/03	3/14/03	2/7/03	8/29/03	9/12/03
5	on-hold	3/19/03	on-hold	on-hold	2/28/03	on-hold	on-hold
6	In Progress	3/19/03	3/26/03	6/20/03	2/7/03	8/29/03	9/12/03
7	Complete	12/11/02	12/18/02	3/31/03	2/7/03	5/5/03	6/23/03
8	In Progress	11/26/02	12/18/02	3/31/03	11/15/02	6/6/03	9/5/03
9	In Progress	1/20/03	1/29/03	3/31/03	11/22/02	9/29/03	9/12/03
10	Complete	12/11/03	12/18/02	3/10/03	11/22/02	5/5/03	8/29/03
11	Complete	2/13/03	2/27/03	4/18/03	12/6/02	6/6/03	8/29/03
12	In Progress	2/13/03	2/27/03	4/18/03	12/13/02	6/6/03	9/5/03
13	In Progress	2/6/03	2/20/03	4/18/03	2/21/03	6/6/03	9/5/03
14	In Progress	1/8/03	1/15/03	3/14/03	11/12/02	9/29/03	9/12/03
15	Complete	2/26/03	N/A	N/A	2/21/03	6/6/03	8/29/03
16	Complete	2/26/03	N/A	N/A	2/28/03	6/6/03	8/29/03
17	Complete	1/8/03	1/15/03	N/A	2/14/03	5/5/03	6/13/03
18	Complete	1/8/03	1/15/03	3/20/03	2/14/03	5/5/03	6/13/03
Agency Responsible		ELRTP	MTA	ELRP	ELRTP	MTA	MTA

This schedule has been revised. A number of applications, although technically finalized, have not yet been submitted due to backlogging. A meeting was held with PUC staff on how to proceed with the backlog. MTA and PUC staff agreed to have MTA submit all applications within three weeks of this update to allow for initiation and completion of the 30 day public review period.

Batch Descriptions and Order of Submission to PUC			
1	1st / Alameda	15	1st / Santa Fe
2	Alameda / Temple	16	1st / Myers
	1st / Hewitt		1st / MTA
	Ped Crossings @ 1st / Alameda Station		1st / BNSF
4	1st / Lorena		1st / Union Pacific
3	1st / Vignes	11	3rd / Mednik
10	3rd / Ford		3rd / Civic Center Drive
	3rd / McDonnel		3rd / La Verne
	3rd / Arizona	12	3rd / Drveways to Sherriff's Station
4A	1st / Indiana		3rd / Wood / Via Corona / Pomona / Beverly
	3rd / Indiana		Pomona/Atlantic
	Indiana / Gleason Pedestrian Crossing	13	3rd / 60 Fwy WB Connector
14	Union Station Service Road		3rd / 60 Fwy over ELRT
7	3rd / Ditman		3rd / 710 Fwy SW Connector
	3rd / Rowan		3rd / Bridge over 710 Fwy
8	3rd / Gage		3rd / 710 Fwy SE Connector
	3rd / 60 Fwy WB Ramps	5	Ducommun / Hewitt
	3rd /Downey		Ducommun / Garey
9	3rd / Marianna		Ducommun / Vignes
	3rd / Eastern		Ducommun / Center
	3rd / 710 SB On-Ramp	6	1st / Mission
17	US 101 Fwy Overcrossing		1st / Anderson
18	Commercial Street Overcrossing		1st / Clarence
			1st / Utah



## FFGA APPLICATION DOCUMENT CHECKLIST

### SUPPORTING DOCUMENTS

DOCUMENT	AGENCY	TARGET DATE	STATUS/COMMENTS
Value Engineering	MTA	8/01	Report completed.
Record of Decision/FONSI	FTA	6/02	Complete.
Quality Management Plan	MTA	8/02	FTA approved for current stage.
FSTIP Approval	SCAG	10/4/02	Complete. Included in 10/4/02 FSTIP.
Annual Certifications/ Assurances	MTA	12/18/02	Complete.
Financing Plan	MTA	2/7/03	Submitted to FTA for review.
Before and After Study Plan	MTA	4/03	FTA provided comments.
Real Estate Acquisition Plan	MTA	4/03	Submit detailed plan for review.
Risk Assessment	MTA	4/03	Complete.
Submit System Safety Program Plan to CPUC	MTA	5/31/03	Completed 25 recommendations to date. Still need to address 7 items.
Submittal of paper grant application (5309) and TEAM application (Part II – FFGA included)	MTA	6/03	FFGA amendment 5 has been entered in TEAM and is pending FTA approval.
Department of Labor (13c) Certification	DOL	6/03	In process.
Project Management Plan	MTA	6/2/03	Final version submitted to FTA.
Civil Rights Program Review	FTA	7/03	Entered grant in TEAM. Waiting for approval.
Financial Capacity Review	FMO	7/03	FMO Consultant is completing the review. Findings were provided to MTA at FTA QRM on 6/4/03.
Spot Report (as needed)	FMO/PMO	7/03	PMO has begun preparing draft.
Region IX to HQ FFGA Recommendation Memo	FTA	7/03	
FTA letter to Congress	FTA	7/03	
Rail Fleet Management Plan	MTA	8/03	MTA to submit final plan for FTA review.
Bus Fleet Management Plan	MTA	8/03	MTA to submit final plan for FTA review.

## FFGA APPLICATION DOCUMENTS

DOCUMENT	AGENCY	TARGET DATE	STATUS/COMMENTS
Part I – Full Funding Grant Agreement	FTA	8/1/03	Received comments from FTA HQ.
Attachment 1 – Scope of Project	MTA	8/1/03	Received comments from FTA HQ.
Attachment 1A – Project Map	MTA	8/1/03	Received comments from FTA HQ.
Attachment 2 – Project Description	MTA	8/1/03	Received comments from FTA HQ.
Attachment 3 – Baseline Cost Estimate	MTA	8/1/03	Received comments from FTA HQ.
Attachment 3A – Project Budget	MTA	8/1/03	Received comments from FTA HQ.
Attachment 4 – Baseline Schedule	MTA	8/1/03	Received comments from FTA HQ.
Attachment 5 – Schedule of Prior Grants and Related Documents	MTA	8/1/03	Received comments from FTA HQ.
Attachment 6 – Schedule of Capital New Starts Funds	MTA	8/1/03	Received comments from FTA HQ.
Attachment 7 – Measures to Mitigate Environmental Impacts	MTA	8/1/03	Received comments from FTA HQ.
Attachment 8 – Before and After Study	MTA	8/1/03	Received comments from FTA HQ.
FTA Approval Letter to Grantee	FTA	9/03	
Congressional Review	Congress	10/03 – 11/03	
Interagency Agreements including CPUC Oversight (MOU)	MTA		Revisions to existing agreements in progress.
Environmental Permits & Biological Determination	TBD	TBD	TBD if needed
Review/Execution of FFGA	FTA/MTA	11/03	

## CONTRACT P2550 STATUS

<b>Description: 2550 Rail Vehicle Program</b>		<b>Contract No.: P2550</b>					
<b>Contractor: AnsaldoBreda, Italy</b>		<b>MTA Project: 800151</b>					
		<b>Status as of: July 31, 2003</b>					
<b>Progress/Work Completed:</b> <ul style="list-style-type: none"><li>MTA has met with Contractor Engineering and Production personnel during June '03 in the Italian Facility to review the contract milestones and LRV Cars production schedules.</li><li>MTA has started Consultant Services Design/Engineering reviews during mid-July 2003. MTA also started Car Manufacturer Design/Engineering reviews at the L.A. MTA location from July 21st through the 25th. Car Manufacturer has continue the development of engineering, production and drawing submittal schedules for the full term of the project, including vehicle delivery schedule.</li></ul>		<b>Major Activities (In Progress):</b> <ul style="list-style-type: none"><li>Contractor has continued the development of Milestone 1A and Milestone 2A work.</li></ul>					
<b>Areas of Concern:</b> <ul style="list-style-type: none"><li>None at this time.</li></ul>		<b>Major Activities Next Period:</b> <ul style="list-style-type: none"><li>Complete Milestone 1A (see Table A of Contract Milestone Payments) for the approval of engineering, production and drawing submittal schedules, and approval of the first schedule for the full term of the project, including vehicle delivery schedule.</li></ul> <p>Continue the development of Milestone 2a (see Table A of Contract Milestone Payments) for the approval of Contractor's Preliminary 13-Week Schedule, and delivery of copies of subcontracts for:</p> <ul style="list-style-type: none"><li>Systems Engineering</li><li>Carshell and Articulation</li><li>Propulsion</li><li>Braking</li><li>Truck Frame</li><li>Door Controls</li><li>Air Conditioning</li><li>Train Control</li><li>User Education, including all manuals</li></ul>					
<b>Schedule Summary:</b>			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award: 04/24/03		Notice to Proceed	06/06/03	0	6/06/03A	6/06/03A	0
Notice to Proceed: 06/06/03		Milestone 1A - Approval of Engineering Production Plan	08/08/03	0	08/08/03	08/08/03	0
Original Contract Duration: 1460 CD		Milestone 2A - Approval of Contractor's Prelim. 13 weeks schedule	09/05/03	0	09/05/03	09/05/03	0
Current Contract Duration: 1460 CD		Milestone 14A - Acceptance of two First Article Vehicles	12/02/05	0	12/02/05	12/02/05	0
Elapsed Time from NTP: 24 CD							
Option 1 & 2 Contract duration 1460 CD**							
** after starting options 1 & 2							
<b>Physical Percent Complete:</b>		<b>Cost Summary: \$ In millions</b>					
(to be available and reported during August 2003)		1. Award Value: 158.74					
		(Metro Gold Line Eastside Ext Only: 31.75)					
		2. Executed Modifications: 0.00					
		3. Approved Change Orders: 0.00					
		4. Current Contract Value (1 + 2 + 3): 158.74					
		5. Pending Changes: 0.00					
		6. Incurred Cost: 0.00					

## **CURRENT PROJECT RENDERINGS**



Computerized Rendering of Proposed  
Metro Gold Line Eastside Extension  
Guideway Bridge at the 101 Freeway



Little Tokyo/Arts District Station

## **CURRENT PROJECT RENDERINGS**

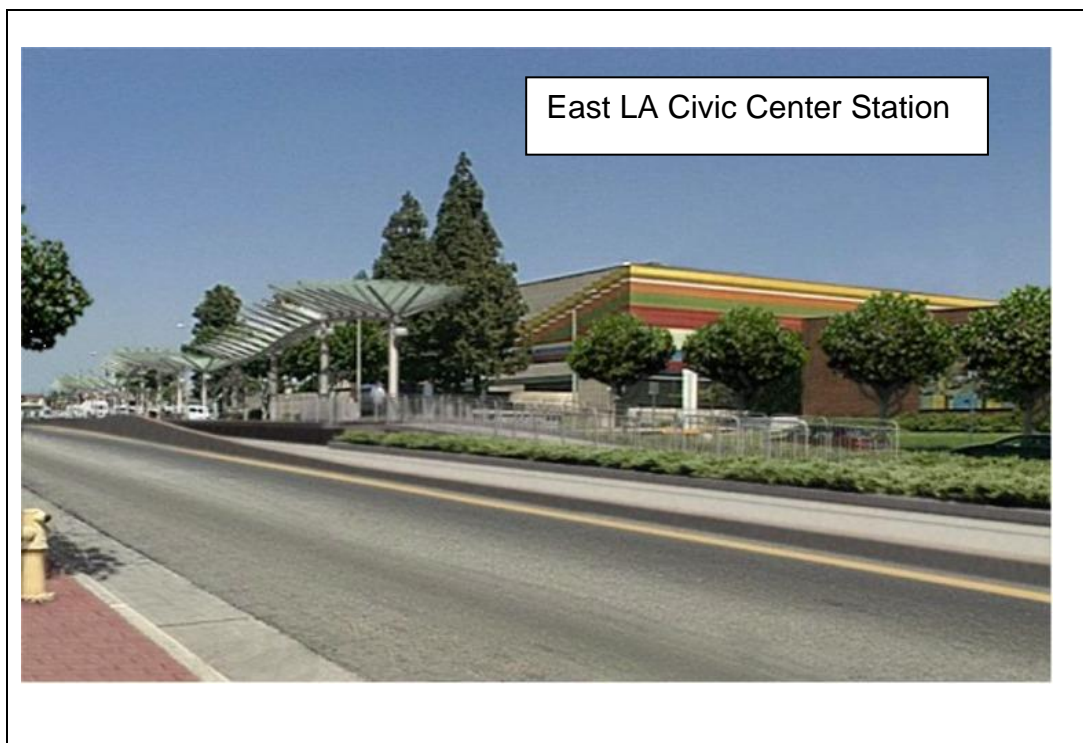




## **CURRENT PROJECT RENDERINGS**



## **CURRENT PROJECT RENDERINGS**



## **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 LACMTA's Accounting department for contractor or consultant invoices, third party invoices, staff salaries, and closing payments for escrow accounts that is reported in 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 (MTA 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
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
MTA	Metropolitan Transportation Authority
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