

EASTSIDE LRT PROJECT

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.

NOVEMBER 2002

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PROJECT OVERVIEW

The Eastside Light Rail Transit (Eastside LRT) 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 1.8 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.

Total design progress, as reported by Eastside LRT Partners, is 87% complete vs. 87% planned.

Contract C0800 Tunnel and Station Excavation will be advertised for bid by early December. By mid-December, the final design package for Contract C0802 101 Freeway Bridge Overcrossing will be issued to Caltrans. Ongoing project scope definition continues for Contract C0801 Stations, Trackwork and Systems. This contract will be advertised for bid in March 2003.

Bid opening for Contract C0800 will occur in early February 2003 and at that time the cost of the project can then be finalized with the Full Funding Grant Agreement (FFGA) application submittal. Prior to receiving Contract C0800 bids, independent cost estimates for Contract C0801 and Contract C0802 are to be submitted by late December 2002. The estimates are required for the final FFGA application. It is anticipated that the FFGA approval will occur by August 2003.

Approval from the FTA was received on November 12, 2002 to incur cost up to \$1.9 million and to be eligible for reimbursement for a portion of the advanced utilities relocation. A supplemental request for Letter of No Prejudice (LONP) was submitted to the FTA on November 27, 2002 for the remaining activities (\$154.4M). It is anticipated that FTA will grant approval for the LONP by December 31, 2002.

Contract P2550 Procurement of Light Rail Vehicles bids were received. The apparent low bid price per vehicle is 12% lower than the current forecast. Bid evaluation is underway and the recommendation for award is expected to be presented to the MTA Board before the submittal at the final FFGA application.

MANAGEMENT ISSUES

Ongoing Item (Date Initiated: October 2002)

FEDERAL TRANSIT ADMINISTRATION (FTA) APPROVAL OF THE LETTER OF NO PREJUDICE (LONP) FOR CERTAIN CRITICAL ITEMS

Concern/Impact

MTA is seeking authorization from the FTA to incur costs on certain critical path activities, with the understanding that these costs will become reimbursable as eligible expenses upon approval of a Full Funding Grant Agreement (FFGA). MTA is seeking approval from the FTA to proceed with these activities before the end of 2002 or risk jeopardizing the current projected Revenue Operations Date of October 2008.

Status/Action

Approval from the FTA to incur cost up to \$1.9 million and to be eligible for reimbursement for the advanced utility relocations was received on November 12, 2002. A supplemental request for LONP was sent on November 27, 2002.

PROJECT SCOPE

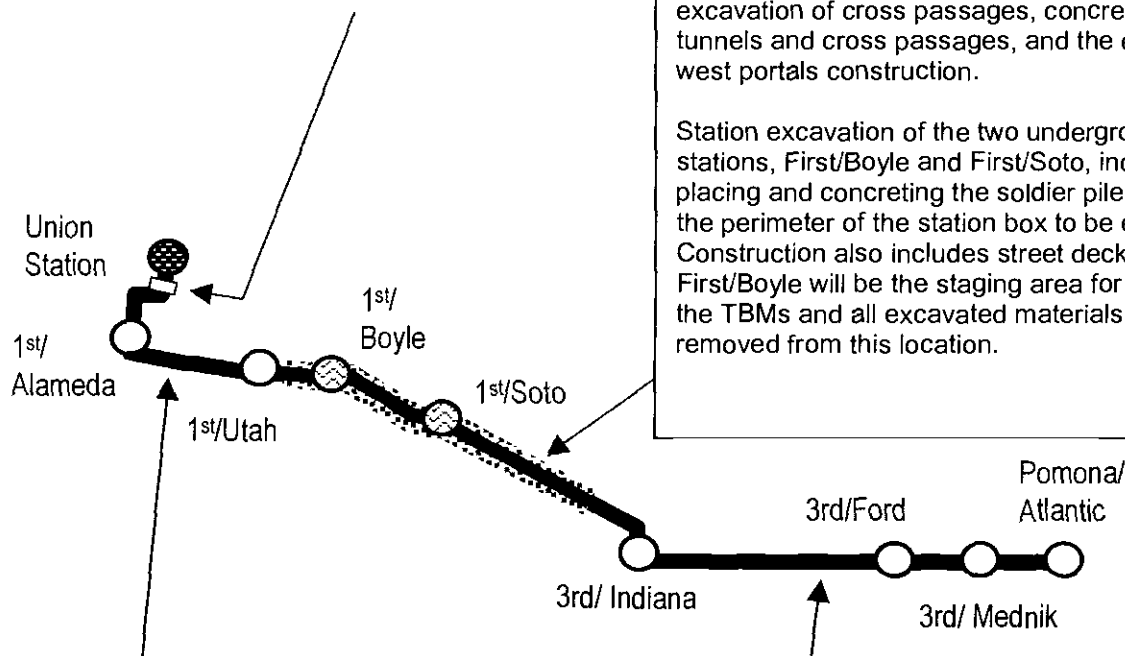
Contract C0802 – 101 Freeway Bridge Overcrossing: The construction of the bridge will be combined with Caltrans freeway improvements project. While Caltrans will advertise and administer the construction, MTA will remain responsible for the design and construction costs of the bridge overcrossing.

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 1.8 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, First/Boyle and First/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. First/Boyle 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.

KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD

	Milestone Date	Nov-02	Dec-02	Jan-03	Feb-03	Mar-03	Apr-03
FTA Approval of Letter of No Prejudice (LONP) - Advanced Utility Relocations (\$1.9M)	11/12/02*	FTA					
Issue Invitation for Bid (IFB) (Contract C0800)	12/2/02*		◆				
P2550 Vehicles Bid Due	12/3/02		◆				
Submit Applications to CPUC for Approval: 2nd Batch of Grade Crossings	12/5/02*		○				
Caltrans Review/Approve PS&E - Tunnel under 101 & I-5 Freeways (Contract C0800)	12/12/02*		△				
Caltrans Review/Approve PSR/ PR/ ISA/ TSR (excl. PS& E)-101 Frwy Overcrossing (C0802)	12/17/02*		○				
FTA Approval of Letter of No Prejudice (LONP)	12/31/02		FTA				
Caltrans Review/Approve PS&E - 101 Frwy Overcrossing (Contract C0802)	1/14/03			△			
Board Approve Ramona HS Site Selection and Agreement with LAUSD	1/23/03*						
Submit Applications to CPUC for Approval: Grade Crossings (Batches: 4,7,8,10 & 14)	1/23/03*			○			
Caltrans Review/Approve PSR/PR/ISA/ TSR etc. - 60 Frwy Undercrossing (C0801)	1/30/03*			△			
Caltrans Review/Approve PSR/PR/ISA TSR/etc. - 710 Frwy Undercrossing (C0801)	1/30/03*			△			
MTA Issue Final FFGA Application	2/12/03				◆		
Caltrans Review/Approval PSR/ PR /ISA /TSR etc. - Tunnels under 101 Frwy (C0800)	2/14/03*				△		
Submit Applications to CPUC for Approval: Grade Crossings (Batches: 3,5,6,9,11,12, & 16)	2/26/03*				○		
Submit Applications to CPUC for Approval: Grade Crossings (Batches: 13 & 16)	3/5/03*					○	
Complete Design/Build Contract Documents & Issue Invitation for Bid (Contract C0801)	3/10/03					◆	
Camera Ready - 101 Frwy Overcrossing Final Design (Contract C0802)	3/19/03					○	
Award Contract - Contract C0800	4/1/03						◆
Notice to Proceed: Contract C0800	4/16/03						◆



MTA Staff Milestone



Other Agencies



Eastside LRT Partners Deliverables



* New Date

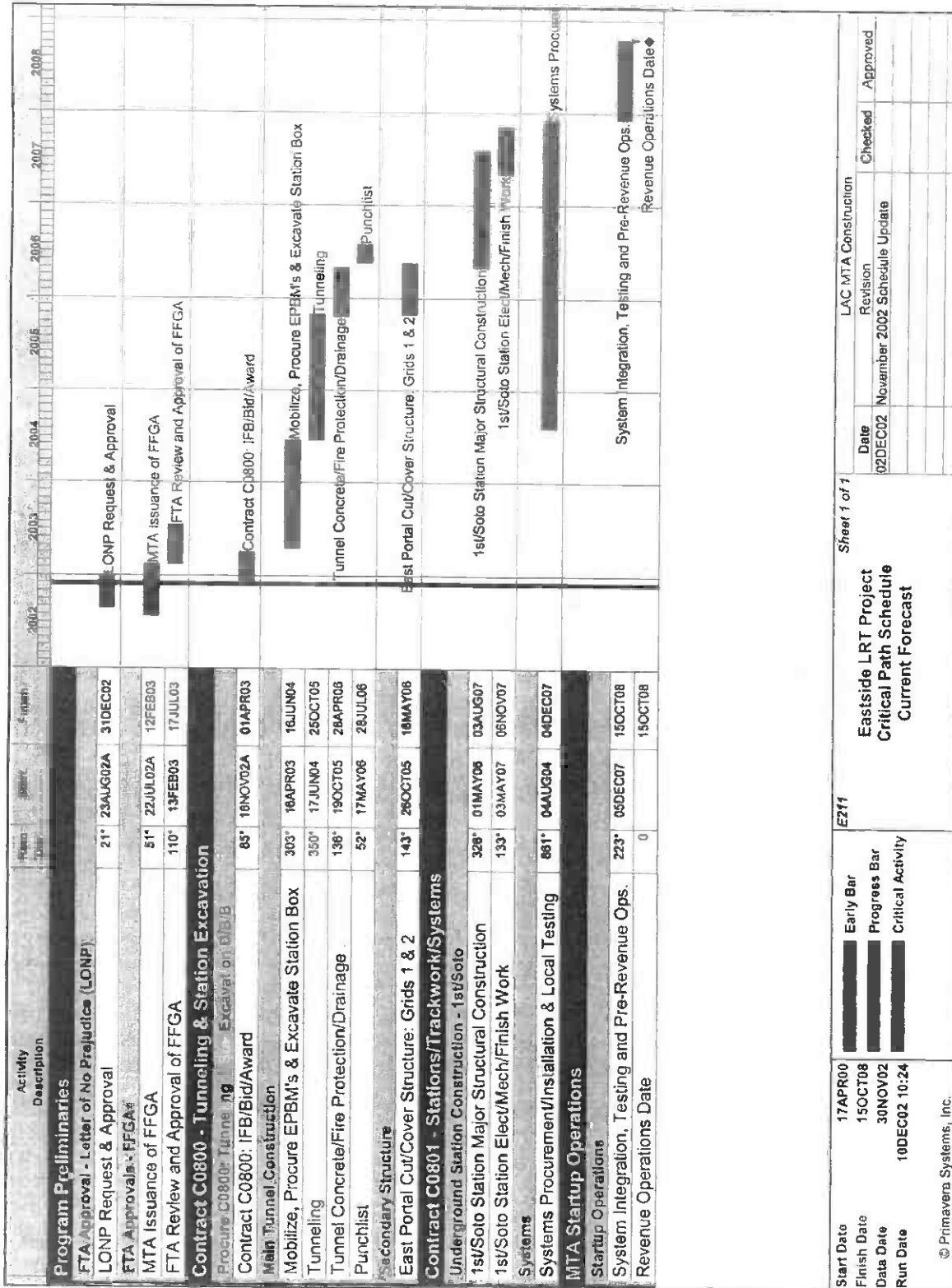


FTA Approval



MTA Board Approval

PROJECT MASTER SCHEDULE CRITICAL PATH



CRITICAL PATH NARRATIVE

On October 15, 2002, MTA received FTA approval to enter into final design for the tunnel, stations excavation, and the 101 Freeway Overcrossing. After completion of final design, the critical path becomes the bid and award period of the tunneling contract (Contract C0800).

Prior to awarding Contract C0800, certain key critical procurement and construction activities need to occur prior to receiving a Full Funding Grant Agreement (FFGA). MTA's request for Letter of No Prejudice (LONP) for preliminary utility relocations (\$1.9M) was submitted on October 22, 2002 and was approved by FTA on November 12, 2002. A supplemental request for LONP for the remaining activities (\$154.4M) was submitted to FTA on November 27, 2002. It is anticipated that FTA will grant LONP authority by December 31, 2002.

Upon the issuance of Notice To Proceed for Contract C0800, there will be a 14-month lead time for the procurement of two Earth Pressure Balance Machines (EPBMs). Concurrent with the EPBM procurement period, the project will proceed with mobilization, pile installation, and station box excavations. The station box excavations are scheduled to complete prior to the EPBM 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 First/Soto underground station construction (Contract C0801).

The systems equipment installation and local 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. Based on the updated schedule, the Revenue Operations Date (ROD) is anticipated in late 2008.

PROJECT COST STATUS

Description	Previous Estimated Project Cost	Current Estimated Project Cost	Variance	Commitments	Expenditures
Guideways	209.4	209.4	0.0	0.0	0.0
Yards & Shops	6.3	6.3	0.0	0.0	0.0
Systems/Equipment	67.5	67.5	0.0	0.0	0.0
Stations	106.5	106.5	0.0	0.0	0.0
Vehicles	115.2	115.2	0.0	0.0	0.0
Special Conditions	89.9	89.9	0.0	5.8	1.2
Right-of-Way	42.2	42.2	0.0	28.0	0.1
Professional Services	172.9	172.9	0.0	47.4	31.7
Contingency	102.8	102.8	0.0	0.0	0.0
TOTAL	912.7	912.7	0.0	81.2	33.1

The June 2002 Estimated Project Cost reflects increases in the following categories:

The Current Estimated Project Cost remains unchanged at \$912.7 million. Even though there are a few line items in which cost modifications are known, the total project cost will remain at the current level until February 2003. In February 2003, staff will submit the final FFGA application that will reflect all cost modifications known to date, plus reflect the independent cost estimates for Contracts C0801 and C0802 and the recommended award amount for Contract C0800. Receipt of contractor bid proposals for Contract C0800 is planned for February 2003.

The items known to date, that will be affected are as follows:

- Increases to Real Estate Property Acquisitions
- Elimination of bus procurement from the project
- Contract P2550 Procurement of Light Rail Vehicles, reduction in the required number of vehicles and potential reduction in cost per vehicle based on the apparent low bid price which is subject to the completion of bid evaluation and award

CHANGE CONTROL STATUS

Description	A	B		C		D=A+B+C	E		F=D+E
	Award Amount	Approved				Total Approved Amount	Potential		
		Executed Changes		LNTPs (NTE)			Pending		Total Potential Value
		#	\$	#	\$		#	\$	
Engineering Design Services	18,929,502	9	9,642,668	3	0	28,572,170	2	18,000,000	46,572,170
Environmental Services	448,635	4	183,517	3	22,000	654,152	0	109,997	764,149
Project Management Assistance Support	166,366	7	3,256,556	0	0	3,422,922	0	0	3,422,922
TOTAL	19,544,503	20	13,082,741	6	22,000	32,649,244	2	18,109,997	50,759,241

FINANCIAL/GRANT STATUS

NOVEMBER 2002

STATUS OF FUNDS BY SOURCE

SOURCE	(B) TOTAL FUNDS ANTICIPATED	(C) TOTAL FUNDS AVAILABLE	(D) (D/B) COMMITMENTS		(E) (E/B) EXPENDITURES		(F) (F/B) BILLED to FUNDING SOURCE	
			\$	%	\$	%	\$	%
FEDERAL - SECTION 5309 NEW START	547.2	5.9	5.9	1%	5.9	1%	5.9	1%
FED - SECTION 5309 FIXED GUIDEWAY	38.9			0%		0%		0%
FEDERAL - CMAQ	3.1			0%		0%		0%
STATE TCRP	236.0	45.0	70.0	30%	15.5	7%	15.5	7%
STATE STIP (STP)	4.6	4.6	4.6	100%	4.6	100%	4.6	100%
STATE STIP (SHA)	0.6	0.6	0.6	100%	0.6	100%	0.6	100%
PROPOSITION A 35% RAIL CAPITAL	72.2			0%		0%		0%
LEASE REVENUES	10.1			0%		0%		0%
UNBILLED ACCRUALS		6.5			6.5			
TOTAL	912.7	62.6	81.2	9%	33.1	4%	26.6	3%

(1) Based on March 2002 Section 5309 New Start Report

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH OCTOBER 2002.

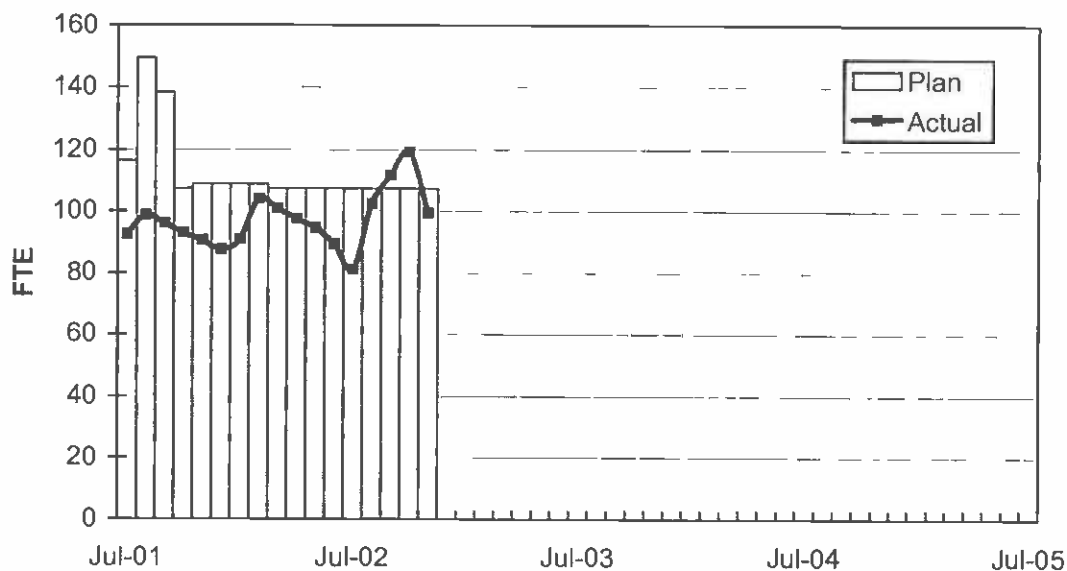
STATUS OF FUNDS ANTICIPATED

FEDERAL SECTION 5309: MTA submitted a grant amendment for \$7,425,098 in March 2002. Grant amendment was approved on September 19, 2002. Funds are available for draw down.

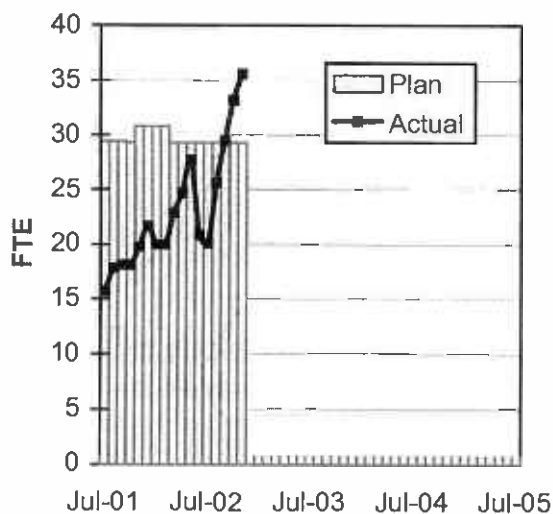
STATE TCRP: In April 2002, the CTC approved an MTA application and allocation request for \$25.5M of State TCRP funds for final design, right-of-way, and construction activities. Funds are available for draw down.

STAFFING STATUS

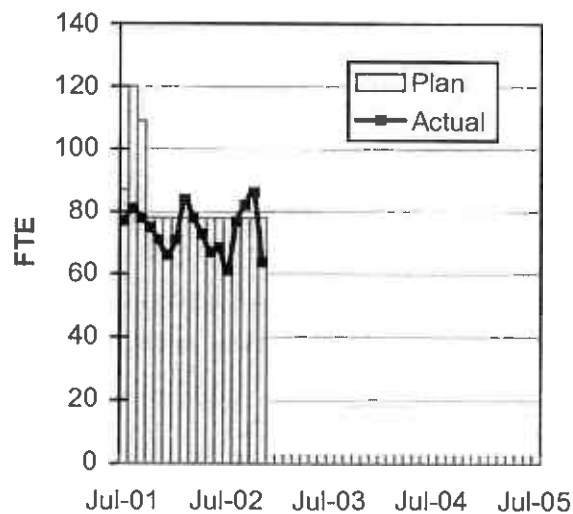
TOTAL PROJECT STAFFING



AGENCY STAFFING



ESLRT PARTNERS



REAL ESTATE STATUS

- For C0800, the tunnel portion of the alignment, 42 parcels are required for acquisition (10 full takes, 16 sub-surface easements, 5 part takes, 6 sub-surface easements/building protection, 2 building protection, 1 street vacation and 2 permits 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 (20 full takes, 8 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 (one easement, one permit from Caltrans, and 1 full take parcel).
- Twenty-two parcels have been certified, eleven for C0800, ten for C0801 and one for C0802. Real Estate completed the appraisal and Phase 1 due diligence environmental work on required parcels located on First/Soto areas. Offers have been made and agreements have been reached. Escrow has been opened with ten property owners. Negotiations are underway with the other property owners.

REAL ESTATE ACQUISITION SCHEDULE SUMMARY

Number of Parcels	Required	Acquired	On Schedule	Behind Schedule	
				Number	Avg. Calendar Days
This Period	78	0	78	0	0
Last Period	62	0	62	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	42	11	8	8	1	0	0	0
C0801	33	10	0	2	0	0	0	0
C0802	3	1	0	0	0	0	0	0
TOTAL	78	22	8	10	1	0	0	0
Last Period Total	62	22	0	0	0	0	0	0

ENVIRONMENTAL STATUS

- MTA Environmental consultant, Ultrasystems, is preparing a Categorical Exclusion and Modified Initial Study/Addendum to the SEIS/SEIR for project enhancements to the Eastside LRT Project.

COMMUNITY RELATIONS STATUS

- Presented community relations issues to the monthly Review Advisory Committee Meeting (RAC) with local residents, business owners, elected representatives, and community organizations.
- Coordinated public outreach events with community representatives to facilitate public interest in the Eastside LRT Project.
- Continued work on the Alignment Profile.
- Continued work on the Area Awareness Program for the pre-construction survey activity.
- Supported Station Area Design Open Houses at pivotal locations along the alignment.
- Coordinated pre-construction survey activities with Pinnacle One.

QUALITY ASSURANCE STATUS

- The following Quality Management surveillances were in process for the C0800 Final Design Package:
 - Design Calculations
 - Intra and Inter Discipline Design Review and Camera Ready Final Document Review, October 22, 2002
 - MTA Peer Design Review and Comment Resolution for Camera Ready Final Design Submittal, October 28, 2002
 - Contract Interface Design Review
 - Resolution of MTA and Third Party Design Review Comments

SAFETY STATUS

- Participated in bi-weekly progress meetings with Construction Management to discuss safety related issues and construction schedule.

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	12/21/02	1991 Master Cooperative Agreement (MCA) in effect for Design/Bid/Build contracts. MCA supplement for Design/Build contracts in final negotiations.
Los Angeles County	Master	7/03	1/3/03	MCA supplement Eastside LRT in final negotiations.
Caltrans (All Projects)	Master	4/16/03	12/1/02	Master Cooperative Agreement (MCA) completed. Document ready for signature pending Board approval.
Caltrans (101)	Design	5/03	1/03	C0802 101 Freeway Bridge Overcrossing Design Agreement negotiations completed. Document ready for signature pending Board approval.
Caltrans (101)	Construction	5/03	3/1/03	C0802 101 Freeway Bridge Overcrossing draft Construction Agreement due from Caltrans by November 22, 2002.
Caltrans (101)	Maintenance	N/A	1/1/04	Agreement being drafted by Caltrans
LADWP (Water)	Amendment	4/16/03	1/03	Draft amendment submitted.
LADWP (Power)	Amendment	4/16/03	1/03	Draft amendment submitted.
So. California Edison Company	Amendment	7/03	1/03	Draft amendment submitted.
The Gas Company	Amendment	4/16/03	1/03	Draft amendment submitted.
Pacific Bell	Amendment	4/16/03	1/03	Draft amendment submitted. Comments received from Pacific Bell.
Adelphia Cable Company	Amendment	4/16/03	1/03	Draft amendment submitted.
California Water Service Company	Master	4/16/03	1/03	Draft amendment submitted.
County Sanitation Districts of L.A. County	Amendment		1/03	Following legal concurrence of the boilerplate addendum a draft is being prepared.
MCI Worldcom	Amendment	4/16/03	1/03	Draft amendment submitted.
Metropolitan Water District	Amendment	4/16/03	1/03	Draft amendment submitted.
AT & T Local Services	Amendment	4/16/03	1/1/03	Facilities are now shown as being impacted by Eastside Construction. An amendment is being drafted.
GST	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Exxon Mobil Oil Company	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Pacific Pipeline Company	Amendment		3/1/03	Facilities are not impacted by Eastside Construction

THIRD PARTY AGREEMENT STATUS (Continued)

Third Party	Type of Agreement	Construction Need Date	Forecast Execution Date	Status/ Comments
Kinder Morgan Pipeline Company	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Tosco Refining Company	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Equilon Pipeline Company	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Level 3 Communications	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Verizon Wireless	Amendment		1/1/03	Facilities are now shown as being impacted by Eastside Construction. An amendment is being drafted
Broadwing Communications	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Eller Media	Amendment		3/1/03	Facilities are not impacted by Eastside Construction
Qwest-SP Telecom	Amendment		3/1/03	Facilities are not impacted by Eastside Construction

CPUC CROSSING SUMMARY

BATCH	STATUS	INITIAL PKG SUBMITTAL TO MTA	FIELD DIAGNOSTIC MEETING	FINAL TRAFFIC DRAWINGS DUE	FINAL PKG SUBMITTAL TO CPUC
1	Complete	Complete	Complete	Complete	Complete
2	Complete	Complete	Complete	Complete	12/5/02
3	In Progress	1/6/03	1/20/03	1/27/03	2/6/03
4	In Progress	12/23/02	1/6/03	1/13/03	1/23/03
5	On hold pending alignment change due to Freedman Bag Company. Alignment may shift South.				
6	In Progress	1/6/03	1/20/03	1/27/03	2/6/03
7	In Progress	12/17/02	12/31/02	1/6/03	1/20/03
8	In Progress	Complete	12/16/02	12/23/02	1/3/03
9	In Progress	1/10/03	1/24/03	1/31/03	2/12/03
10	In Progress	Complete	12/16/02	12/23/03	1/16/03
11	In Progress	1/17/03	1/31/03	2/7/03	2/20/03
12	In Progress	1/24/03	2/7/03	2/14/03	2/26/03
13	In Progress	2/9/03	2/14/03	2/21/03	3/5/03
14	In Progress	Complete	12/16/02	12/23/02	1/3/03
15	In Progress	1/31/03	2/14/03	N/A	2/26/03
16	In Progress	2/7/03	2/14/03	N/A	3/5/03

BATCH LIST

1	1st/Alameda
2	Alameda/Temple Alameda Sta. Ped North Alameda Sta. Ped South 1st/Hewitt 1st/Vignes
4	1st/Lorena (PD) 1st/Indiana (PD) Indiana Sta. Ped South
5	Ducommun/Hewitt Ducommun/Garey (PD) Ducommun/Vignes (PD) Ducommun/Center 1st/Mission 1st/Anderson 1st/Utah

7	Indiana Sta. Ped North Indiana/Gleason Ped Xing 3rd/Indiana (PD) 3rd/Ditman 3rd/Rowan (PD)
8	3rd/Gage 3rd/60 Fwy WB Ramps 3rd/Downey
9	3rd/Marianna (PD) 3rd/Eastern 3rd/710 SB On Ramp
10	3rd/Ford 3rd/McDonnel 3rd/Arizona
11	3rd/Mednik 3rd/Civic Center 3rd/Laverne

12	3rd/Driveways to Sheriff Sta 3rd/Woods/V. Corona/ Pomona/Beverly Pomona/Atlantic
13	3rd St./60 Fwy WB Connector 3rd St./60 Fwy Over ELRT 3rd St./710 Fwy SW Connector 3rd St. Bridge over 710 Fwy 3rd St./710 Fwy SE Connector
14	Commercial St. Bridge 101 Freeway Bridge Union Sta. Baggage Cart Road
15	1st St./Santa Fe 1st St./Myers
16	1st St./MTA 1st St./BNSF 1st St./UP

FFGA APPLICATION DOCUMENT CHECKLIST SUPPORTING DOCUMENTS

DOCUMENT	AGENCY	TARGET DATE	STATUS/COMMENTS
Record of Decision/FONSI	FTA	Complete	June 2002
Annual Certifications/ Assurances	MTA	12/2/02	CEO to enter PIN in TEAM System
Civil Rights Program Review	MTA	TBD	
Project Management Plan	MTA	8/02	FTA approved for current stage
Rail Fleet Management Plan	MTA	11/8/02	Under FTA review
Bus Fleet Management Plan	MTA	11/8/02	Under FTA review
Real Estate Acquisition Plan	MTA	8/02	FTA approved for current stage
Quality Management Plan	MTA	8/02	FTA approved for current stage
Before and After Study Plan	MTA	1/03	Submitted draft to FTA on 10/29
Value Engineering	MTA	8/01	
Financing Plan	MTA	1/03	Submit to FTA for review
Financial Capacity Review	FMO	2/03	Submit to FTA for review
Interagency Agreements including CPUC Oversight MOU	MTA	TBD	Revisions to existing agreements in progress
Environmental Permits & Biological Determination	TBD	TBD	TBD if needed
Spot Report (if needed)	FMO/PMO	TBD	
Submit System Safety Program Plan to CPUC	MTA	8/02	Under review by CPUC
Region IX to HQs FFGA Recommendation Memo	FTA	Early 4/03	
FTA letter to Congress	FTA	Late 5/03	
FTA Approval Letter to Grantee	FTA	7/03	
FSTIP Approval	SCAG	Complete	Included in 10/4/02 FSTIP
Department of Labor (13c) Certification	DOL	3/03	

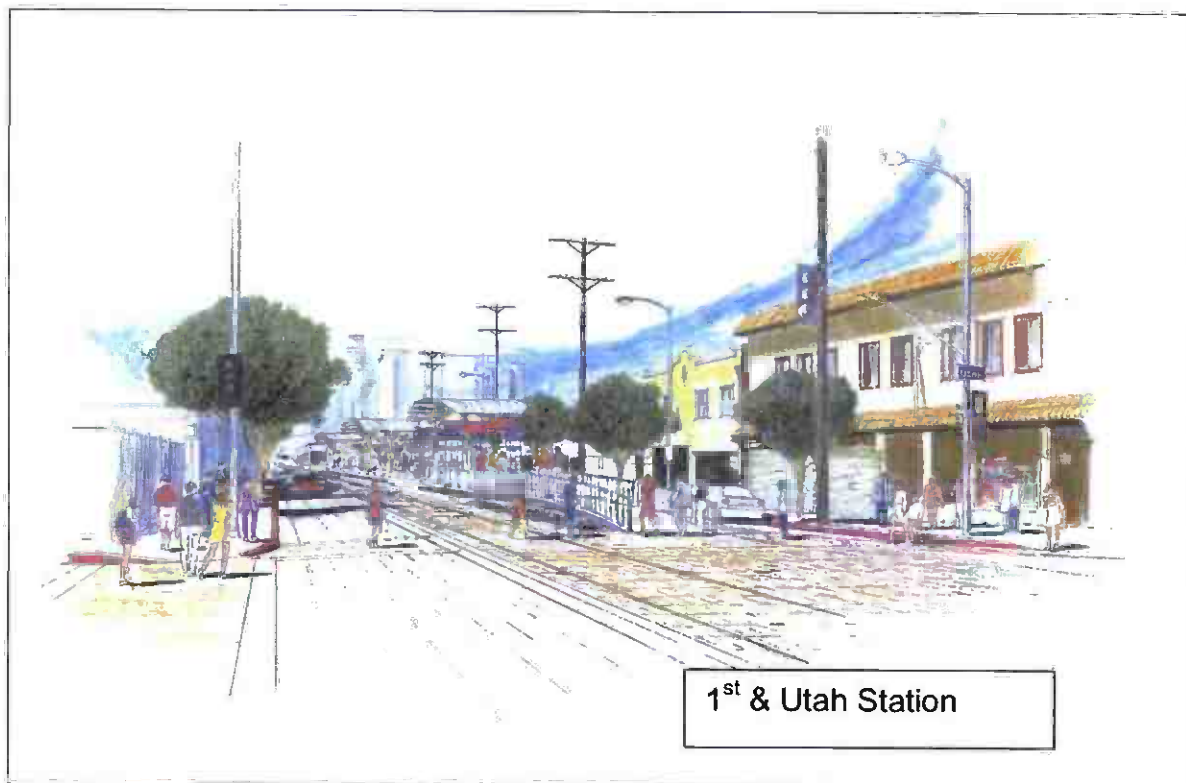
FFGA APPLICATION DOCUMENTS

DOCUMENT	AGENCY	TARGET DATE	STATUS/COMMENTS
Part I – Full Funding Grant Agreement	FTA	3/03	
Attachment 1 – Scope of Project	MTA	10/29/02	Submitted draft to FTA
Attachment 1A – Project Map	MTA	10/29/02	Submitted draft to FTA
Attachment 2 – Project Description	MTA	10/29/02	Submitted draft to FTA
Attachment 3 – Baseline Cost Estimate	MTA	10/29/02	Submitted draft to FTA
Attachment 3A – Project Budget	MTA	10/29/02	Submitted draft to FTA
Attachment 4 – Baseline Schedule	MTA	10/29/02	Submitted draft to FTA
Attachment 5 – Schedule of Prior Grants and Related Documents	MTA	10/29/02	Submitted draft to FTA
Attachment 6 – Schedule of Capital New Starts Funds	MTA	10/29/02	Submitted draft to FTA
Attachment 7 – Measures to Mitigate Environmental Impacts	MTA	10/29/02	Submitted draft to FTA
Attachment 8 – Before and After Study	MTA	10/29/02	Submitted draft to FTA
Submittal of paper grant application (5309) and TEAM application (Part II – FFGA included)	MTA	2/03	
Congressional Review	Congress	4/03 – 7/03	
Review/Execution of FFGA	FTA/MTA	Early 8/03	

CURRENT PROJECT RENDERINGS



CURRENT PROJECT RENDERINGS



CURRENT PROJECT RENDERINGS



Line Section at 1st Street Bridge



1st & Boyle Station Plaza

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