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## **PROJECT OVERVIEW**

*The Metro Gold Line Eastside Extension Project is a six-mile, dual track light rail system with eight new stations and one station modification. The system originates at Union Station in downtown Los Angeles, where it connects with the Pasadena Gold Line, traveling generally east to Pomona and Atlantic Boulevards. The system will bridge State Route 101 Freeway and traverse the existing 1<sup>st</sup> Street Bridge over the Los Angeles River. The system will travel south on Alameda Street and then east on 1<sup>st</sup> Street with two stations at Alameda and Utah Streets. East of the Los Angeles River and 1<sup>st</sup> and Utah Streets, the alignment transitions to tunnel for approximately 1.7 miles, and continues beneath 1<sup>st</sup> Street to underground stations at 1<sup>st</sup> Street and Boyle Avenue and 1<sup>st</sup> Street and Soto Street. The alignment returns to the surface near the intersection of 1<sup>st</sup> Street and Lorena Streets, then jogs to the south, transitioning to follow 3<sup>rd</sup> Street with stations at Indiana Street, Ford Boulevard, Mednik Avenue and Pomona and Atlantic Boulevards.*

The Notice of Award to the construction contractor for Contract C0803 – Tunnel, Stations, Trackwork and Systems occurred on June 1, 2004. Following the acceptance of the Contractor's bonds and insurance, the Notice To Proceed (NTP) letter was issued to the Contractor on June 30, 2004 to authorize the Contractor to commence the Contract C0803 work starting on July 1, 2004

All advanced utility relocations are completed within the construction zones at the East and West Portals and at the two underground stations. Only miscellaneous peripheral utility work remains and will be completed by early August 2004.

Thirty-seven of the 42 grade crossing applications have been submitted to the California Public Utilities Commission (CPUC) for review. Of the 37 grade crossings, 29 have been approved. One grade crossing application (3<sup>rd</sup>/Ditman) is no longer required based upon the CPUC's initial review.

## **MANAGEMENT ISSUES**

No Management Issues for the period ending June 2004.

## PROJECT SCOPE

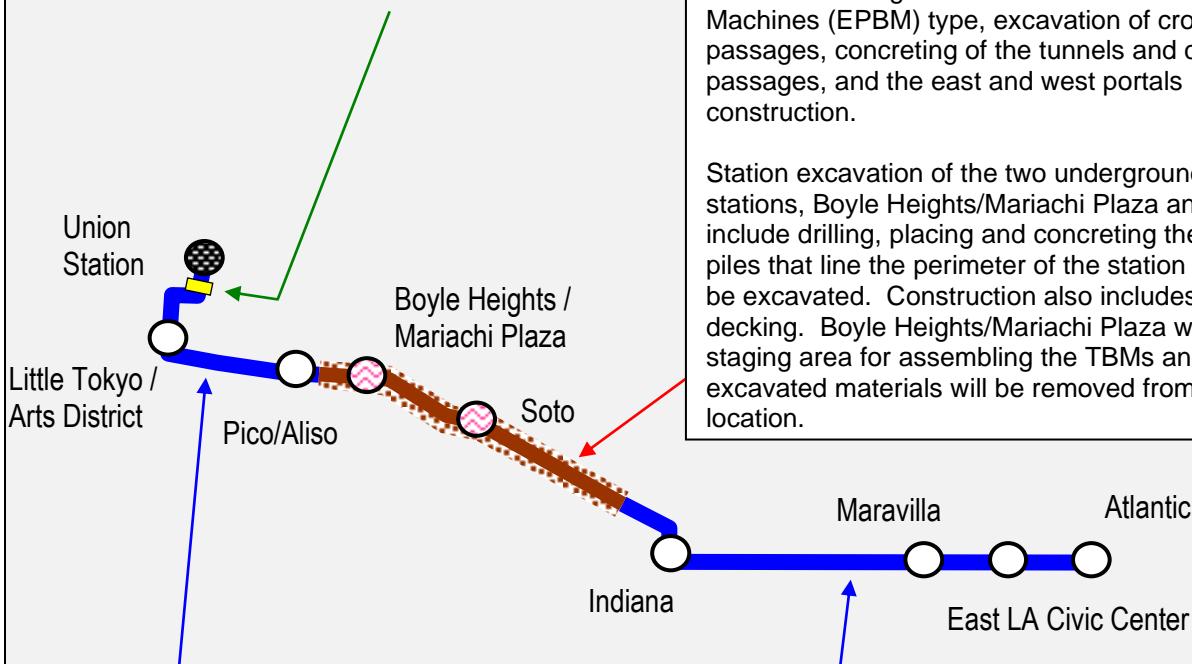
### **Contract C0802 – 101 Freeway Bridge Overcrossing:**

The construction of the bridge has been 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 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.




**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.

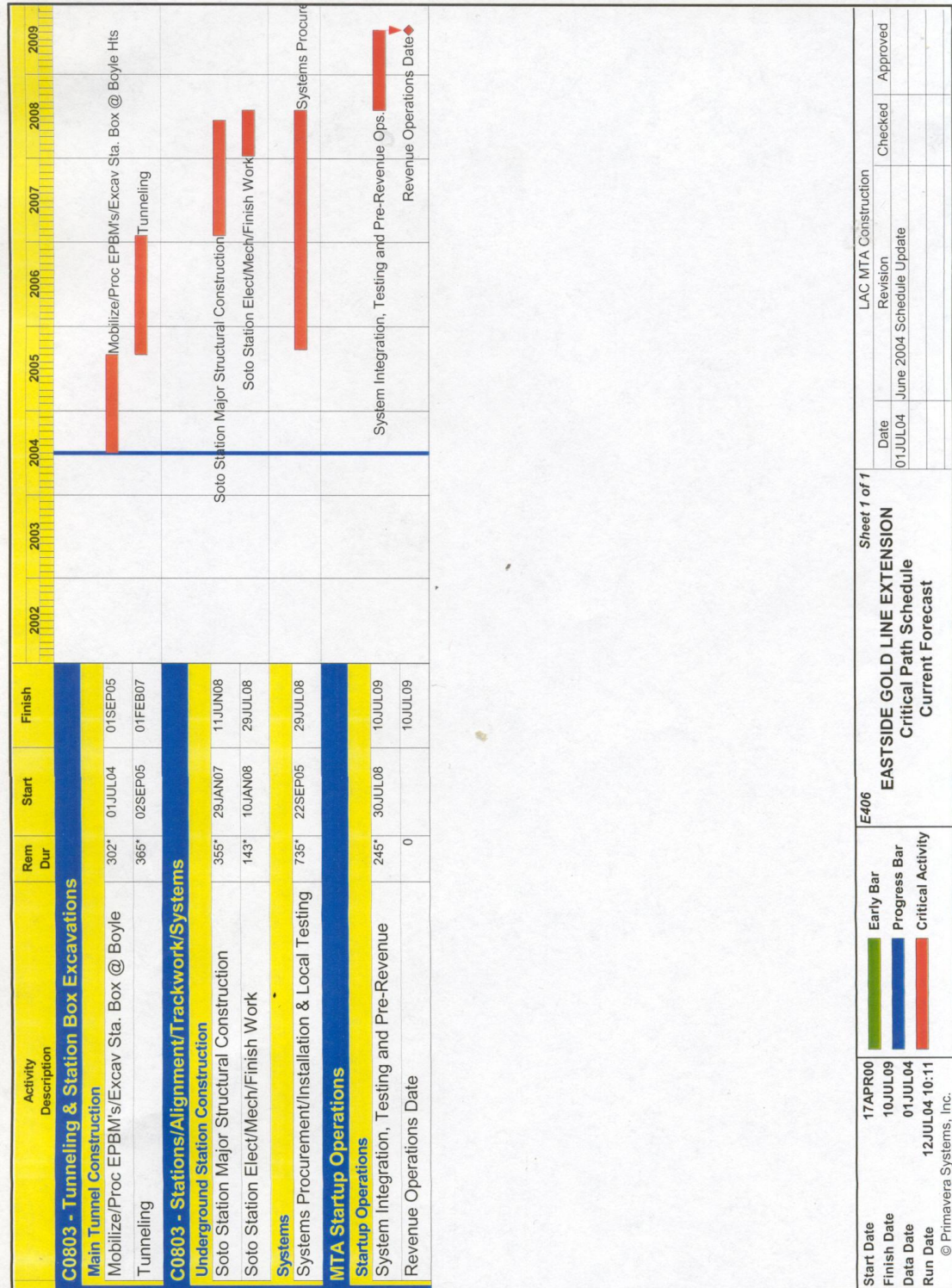
Systems installation and testing is inclusive of power systems, automatic train control, fire and emergency management, TRACS and communications systems. The contractor will be responsible for systems integration testing for the entire line segment prior to pre-revenue operations.

**KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD**

	Milestone Date	Jun-04	Jul-04	Aug-04	Sep-04	Oct-04	Nov-04
Congressional FFGA Review Completes	6/1/04	FTA					
FTA Executes FFGA	6/1/04	FTA					
MTA Awards Contract C0803	6/1/04	◆					
US-101 Freeway Improvements & Overcrossing (C0802): Bid Advertisement by Caltrans	6/28/04*	△					
MTA Approves Bonds & Insurance (Contract C0803)	6/30/04	◆					
Pre-Construction Conference/Initial Construction Meeting	6/30/04	◆					
Construction Notice To Proceed (Contract C0803)	7/1/04*		◆				
C0803 Contractor Commences Procurement of Tunnel Boring Machines	7/1/04*		◆				
Final Package Submittal to CPUC: Grade Crossings (Batches 13)	7/30/04*		◆				
Completion of Advanced Utility Relocations	8/2/04*			◆			
US-101 Freeway Improvements & Overcrossing (C0802): Contract Award by Caltrans	8/31/04*			△			
US-101 Freeway Improvements & Overcrossing (C0802): Notice To Proceed by Caltrans	9/23/04				△		
Completion of MGL Union Station Tail Track Modifications (Contract C0803 Option-D)	9/29/04				◆		

◆	MTA Staff Milestone	○	Eastside LRT Partners Deliverables	FTA	FTA Approval
△	Other Agencies	*	New Date	 Metro	MTA Board Approval

## PROJECT MASTER SCHEDULE CRITICAL PATH



## **CRITICAL PATH NARRATIVE**

The critical path for construction begins with contract award and contract Notice to Proceed (NTP) and ends with the Revenue Operations Date (ROD).

The Notice of Award to the construction contractor for Contract C0803 – Tunnel, Stations, Trackwork and Systems occurred on June 1, 2004. Following the acceptance of the Contractor's bonds and insurance, the Notice To Proceed (NTP) letter was issued to the Contractor on June 30, 2004 to authorize the Contractor to commence the Contract C0803 work starting on July 1, 2004.

After the construction Notice To Proceed, 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 design and construction mobilizations, submittals preparation and review, traffic control, utility relocations, ground treatments, pile installation, temporary decking and station box excavations. The station box excavations are scheduled to complete prior to 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.

## PROJECT COST STATUS

*In \$ Million*

Description	Previous Forecast	Current Forecast	Variance	Commitments	Expenditures
Guideways	400.6	400.6	0.0	0.0	0.0
Yards & Shops	3.0	3.0	0.0	0.0	0.0
Systems/Equipment	77.3	77.3	0.0	0.0	0.0
Stations	116.6	116.6	0.0	0.0	0.0
Vehicles	31.7	31.7	0.0	31.7	0.0
Special Conditions	19.8	19.8	0.0	13.1	2.2
Right-of-Way	35.7	35.7	0.0	51.0	25.0
Professional Services	135.3	135.3	0.0	66.1	55.7
Contingency	60.3	60.3	0.0	0.0	0.0
Project Revenue	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>880.4</b>	<b>880.4</b>	<b>0.0</b>	<b>161.9</b>	<b>82.9</b>

Cost will be updated in the July 2004 report and it will be based on the approved Full Funding Grant Agreement.



## CHANGE CONTROL STATUS

Description	A	B		C		D=A+B+C	E		F=D+E
	Approved					Obligated	Potential		
	Award Amount	Executed Changes		LNTPs (NTE)		Total Approved Amount	Pending		Total Potential Value
#		\$	#	\$	#		\$		
Engineering Design Services	18,929,502	12	15,669,538	0	0	34,599,040	0	0	34,599,040
Environmental Services	936,940	7	399,669	4	18,000	1,354,609	2	333,256	1,687,865
Design/Build Advisory Panel Services	1,059,840	0	0	0	0	1,059,840	0	0	1,059,840
Construction Management Support Services	26,598	0	0	0	0	26,598	0	0	26,598
Project Management Assistance Support	166,366	7	3,256,556	0	0	3,422,922	0	0	3,422,922
Vehicles Consultant	1,717,707	0	0	0	0	1,717,707	0	0	1,717,707
Light Rail Vehicles Acquisition	31,747,734	0	0	0	0	31,747,734	0	0	31,747,734
TOTAL	54,584,687	26	19,325,763	4	18,000	73,928,450	2	333,256	74,261,706

## FINANCIAL/GRANT STATUS

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	490.7	17.3	83.8	17%	16.8	3%	16.8	3%
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	30.7	17%	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%	45.0	100%	45.0	100%
PROP A 35% / PROP C 40% BONDS	121.0	1.8	1.8	1%	1.8	1%	1.8	1%
LEASE REVENUES	10.1			0%		0%		0%
UNBILLED ACCRUALS		14.1			14.1			
SUB-TOTAL	880.4	83.3	161.9	18%	82.9	9%	68.8	8%
PROP A/PROP C (INTEREST COST)	18.4	0.0	0.0	0%	0.0	0%	0.0	0%
TOTAL	898.8	83.3	161.9	18%	82.9	9%	68.8	8%

(1) Based on August 03 Adopted Short Range Transportation Plan (includes interest cost)  
 NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2004.

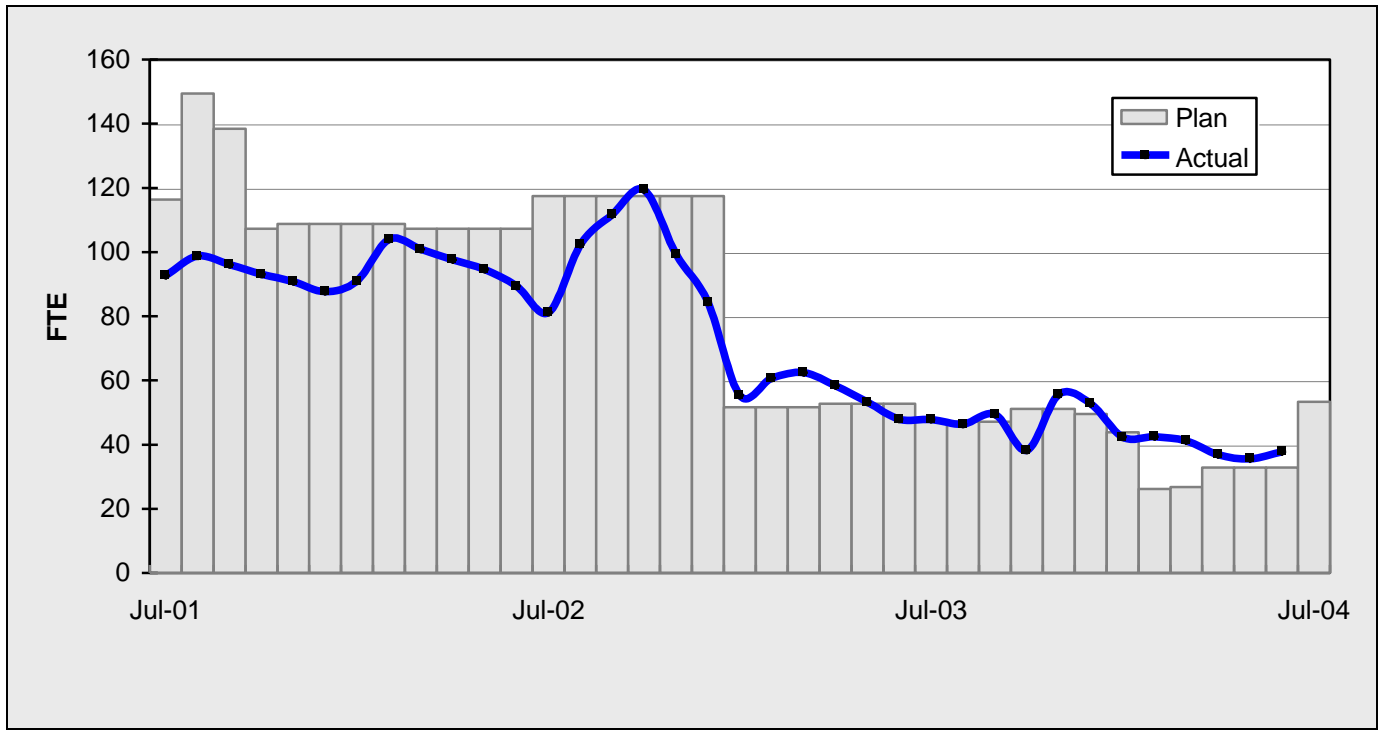
## STATUS OF FUNDS ANTICIPATED

**FEDERAL SECTION 5309:** MTA submitted a grant amendment application CA-03-0508-04 for \$3,934,330 on April 18, 2003. Funds were available for draw down as of June 2003. On June 1, 2004, The FTA approved the Full Funding Grant Agreement for \$490.7 million of New Starts Funds.

**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. On August 25, 2003, MTA submitted a request for AB1335 Letter of No Prejudice (LONP) authority for Phase 4 construction activities. The LONP is scheduled for approval at the August 2004 CTC Meeting.

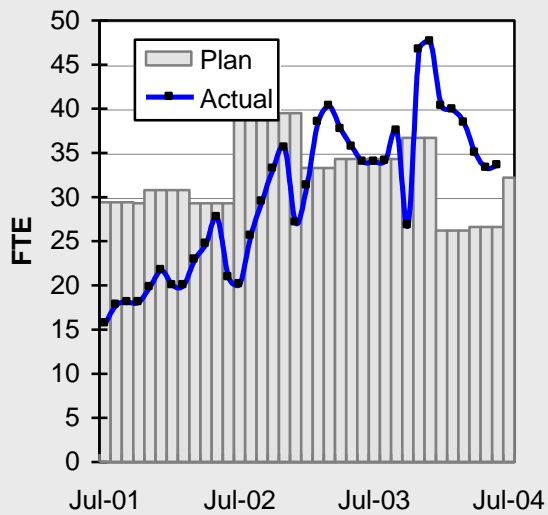
## **STAFFING STATUS**

### **TOTAL PROJECT STAFFING**



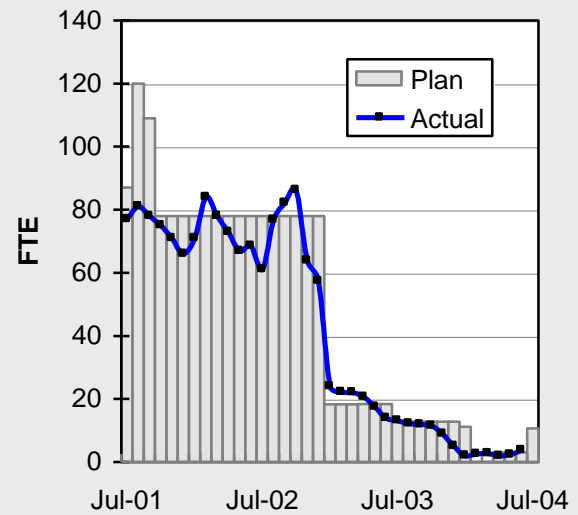
## STAFFING STATUS

### AGENCY STAFFING

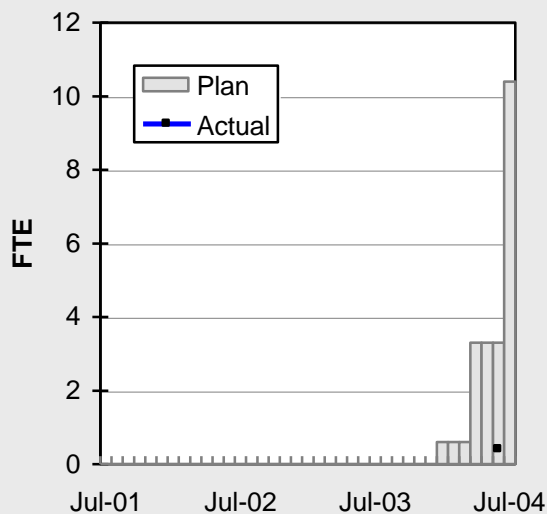


Although the actual agency staffing level is above the plan, MTA Project Management has reviewed the agency labor charges for the past few months and will consider labor adjustments as required, to conform to the plan.

### ELRT PARTNERS



### CONSTRUCTION MANAGEMENT



### REAL ESTATE STATUS

- For C0803, the tunnel portion of the alignment, 41 parcels are required for acquisition (10 full takes, 16 sub-surface easements, 8 part takes, 5 sub-surface easements/building protection, and 2 building protections).
- For C0803, the at-grade portion of the alignment, 25 parcels are required for acquisition (18 full takes and 7 partial takes). 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-seven parcels have been certified, 40 for C0803-Tunnel, 25 for C0803-At-Grade and 2 for C0802. Offers have been made to 57 property owners. A total of 32 parcels have been acquired (22 under C0803-Tunnel, 9 under C0803-At-Grade, and 1 under C0802). Two parcels are in condemnation and Real Estate is in negotiations with the other property owners.
- Third Party Administration has obtained two Encroachment Permits from Caltrans for C0803-Tunnel. All three (3) street closures have been obtained from the City of LA.

### REAL ESTATE ACQUISITION SCHEDULE SUMMARY

<i>Number of Parcels</i>	Required	Acquired	On Schedule	Behind Schedule	
				Number	Avg. Calendar Days
This Period	69	32	37	0	0
Last Period	69	20	49	0	0

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

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)	Parcels Available
C0803-Tunnel	41	19	0	22	0	0	22
C0803-At-Grade	25	10	2	4	9 *	0	9
C0802	3	2	0	1	0	0	1
TOTAL	69	31	2	27	9	0	32
LAST PERIOD	69	20	3	13	24	9	20

\* Alma parcels for LAUSD Ramona High School; pending completion of CEQA process (need date 6/1/05)

## **ENVIRONMENTAL STATUS**

- Received copies of the Industrial Waste Water Permit from the City of Los Angeles.
- Produced second quarter Mitigation Monitoring Report for the period April 1st-June 30th.

## **COMMUNITY RELATIONS STATUS**

- Held a meeting with the Executive Review Advisory Committee on project construction activities.
- Coordinated utility relocation activities between the Gas Company and business property owners.
- Promoted the Metro Gold Line Eastside Extension at three community events.
- Coordinated alignment tours for the California Congressional delegation.
- Coordinated events for the July 17th Groundbreaking Ceremony.

## **QUALITY ASSURANCE STATUS**

- The Contractor's Project Quality Manager was approved for the project and will receive support from the Contractor's Corporate Quality Sponsor for program development, design monitoring and auditing.
- The MTA's and Contractor's Project Quality Managers and the Contractor's Corporate Quality Sponsor are meeting/coordinating to discuss development/approval of the Contractor's Project Quality Program.
- MTA Audit and Surveillance planning is underway based on Contractor's preliminary work schedules.

## **SAFETY STATUS**

- Participated in weekly progress meetings with Utility Contractor to discuss safety related issues and utility relocation schedule.
- Monitored utility relocation activities to ensure safety compliance.
- ELRTC's Alcohol and Drug Program was submitted, reviewed and rejected.
- Participated in Pre-Construction Conference/Initial Construction Meeting with MTA's management staff and ELRTC's key management personnel.

### THIRD PARTY AGREEMENT STATUS

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
City of Los Angeles	Amendment	Complete	N/A	Fully executed on 12/23/02.
Los Angeles County	Master	Complete	N/A	Execution completed 4/1/03.
Caltrans (All Projects)	Master	Complete	N/A	MTA execution completed 5/7/03. Caltrans full execution occurred in July 2003.
Caltrans (101)	Design	Complete	N/A	MTA execution completed by 5/7/03. Caltrans full execution occurred in July 2003.
Caltrans (101)	Construction	Complete	N/A	MTA execution completed 6/16/03. Caltrans full execution occurred in September 2003.
Caltrans (101)	Maintenance	10/04	6/07	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. Agreement was returned to Caltrans on 4/22/03 with comments. After a negotiation meeting on 7/29/03, a draft agreement by Caltrans was received on 1/22/04 but contained none of the previous comments.
LADWP (Water)	Amendment	8/04	*6/04	Negotiation meetings were held on 3/8, 3/12, 4/8, 4/9 and 5/11/04 and completed review and necessary changes to the draft agreement but DWP could not agree to the "Deadlines and Delays" language. MTA continued seeking DWP's acceptance of "Deadlines and Delays" language and had a meeting with Charles Safer on 5/24/04. Charles Safer contacted City Attorney on 6/3/04. The attorney discussed with DWP staff and all areas are basically agreed upon. MTA will make modifications to the Deadline and Delay languages that indicates DWP is the sole cause of the delays. DWP has come back with exceptions to this Deadline and Delay section. New language has been agreed upon with both legal reps, but staff needs to discuss.
LADWP (Power)	Amendment	8/04	*6/04	Negotiation meetings were held on 3/8, 3/12, 4/8, 4/9 and 5/11/04 and completed review and necessary changes to the draft agreement but DWP could not agree to the "Deadlines and Delays" language. MTA continued seeking DWP's acceptance of "Deadlines and Delays" language and had a meeting with Charles Safer on 5/24/04. Charles Safer contacted City Attorney on 6/3/04. The attorney discussed with DWP



**THIRD PARTY AGREEMENT STATUS (Continued)**

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
LADWP (Power)	Amendment	8/04	*6/04	Staff and all areas are basically agreed upon. MTA will make modifications to the Deadline and Delay languages that indicates DWP is the sole cause of the delays. DWP has come back with exception to this Deadline and Delay section. New language has been agreed upon with both legal reps, but staff needs to discuss.
So. Cal. Edison Co.	Amendment	9/04	*6/04	The proposed agreement was not acceptable to SCE. A sense of urgency was instilled to SCE in 3/17/04 meeting. A revised draft amendment was agreed upon in 4/12/04 meeting and was forwarded to SCE on 4/15/04 for signature. SCE was still unwilling to sign agreement. A meeting was scheduled for early July.
The Gas Company	Amendment	9/04	*6/04	A redraft prepared by the Gas Co. was reviewed by MTA on 4/9/04 and a revised document was sent to the Gas Co. on 4/19/04 for final review and execution. Another draft, prepared by the County Counsel on 4/29/04, was sent to the Gas Co. for execution. No response since then. Voice message was left on 5/18/04 and document was e-mailed again to them on 5/21/04. MTA is seeking Gas Company acceptance of "Deadlines and Delays" language. A meeting will be scheduled for early July to review the final input from the Gas Co. Legal.
SBC	Amendment	8/04	*6/04	A redraft was sent 2/19/04 and was agreed upon in 3/26/04 meeting with an exception of the use of D/B in the agreement. MTA reviewed and completed necessary changes on 4/9/04 and forwarded the revised document to SBC on 4/22/04 for final review and execution. SBC was on strike 5/21 – 24/04, and has caused an impact to its execution. Telephone conversation on 5/25/04 expressed that MTA is seeking SBC acceptance of "Deadlines and Delays" language. SBC insists that they should be able to stop work at any time. Alternative language to this was sent on 6/26/04, which is being discussed with SBC upper management.
Adelphia Cable Company	Amendment	10/04	*6/04	A meeting is being arranged to discuss the revised amendment. No response to date.

**THIRD PARTY AGREEMENT STATUS (Continued)**

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
California Water Service Company	Master	7/04	*6/04	Cal Water could not agree with the use of D/B in the agreement. MTA responded in a letter that they are responsible to MTA. A draft was sent to Cal Water on 3/15/04. Received minor comments on 4/22/04 and forwarded it to legal for review. Revisions were sent to Cal Water 6/26/04 following discussions. Expect a response in early July. Cal Water will be able to execute it within 5 days following agreement.
L.A.County Sanitation Districts	N/A	Complete	N/A	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.
MCI Worldcom	Amendment	7/04	*6/04	An amendment to the previous agreement was produced, discussed and agreed upon on most items. MTA completed the review and necessary changes in response to additions and changes made by MCI and sent a revised document to MCI and sent a revised document to MCI on 4/19/04 for final review and execution. The insurance language was completed by Risk Management on 5/7/04 and reviewed by Mr. Safer on 5/24/04 and was forwarded to MCI on 5/25/04 for review. MTA is seeking MCI acceptance of "Deadlines and Delays" language. MCI would not agree to the Deadlines and Delay language but all other items were agreed upon during a conference call on 6/3/04, MCI completed the changes agreed upon and the revised document was sent to MTA 6/5/04 for final review. MCI plans on execution by 7/20/04 if MTA agrees on final draft by 7/6/04.
Metropolitan Water District	Amendment	Complete	N/A	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	9/04	*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 responded 5/26/04. A meeting to discuss a path forward will be scheduled for early July.
AT&T Local Services	Amendment	10/04	*6/04	A previous draft amendment will be sent to AT&T on 3/1/04. Legal review is still underway.

**THIRD PARTY AGREEMENT STATUS (Continued)**

<b>Third Party</b>	<b>Type of Agreement</b>	<b>Forecast Execution Date</b>	<b>Required Need Date</b>	<b>Status/ Comments</b>
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
Quest-SP Telecom Communications	N/A			Facilities are not impacted by Eastside Construction

\* Third Party Agencies will work under the current MCAs so not to delay ongoing work.

## CPUC CROSSING SUMMARY

Batch	Status	Initial Package Submittal to MTA	Field Diagnostic Meeting	Revised Drawings Due to MTA	Draft Write-up to MTA	Draft Package Sumbittal to PUC Local office and Agencies	Final Package Submittal to PUC	CPUC Final Approval
1	Complete	8/5/02	8/12/02	8/26/02	9/6/02	9/6/02	9/6/2002	Approved
2	Complete	10/4/02	10/11/02	10/25/02	11/6/02	11/22/02	11/22/2002	Approved
3	Complete	2/6/03	2/27/03	3/10/03	1/27/03	4/11/02	4/18/2003	Approved
4	Complete	12/14/02	1/15/03	1/29/03	11/13/02	5/5/03	6/18/2003	Approved
4A	Complete	1/24/03	1/29/03	3/14/03	2/7/03	9/5/03	1/23/2004	
6	Complete	3/19/03	3/26/03	6/20/03	2/7/03	9/5/03	9/12/2003	Approved
7	Complete	12/11/02	12/18/02	3/31/03	2/7/03	5/5/03	7/25/2003	
8	Complete	11/26/02	12/18/02	3/31/03	11/15/02	6/6/03	5/21/2004	
9	Complete	1/20/03	1/29/03	3/31/03	11/22/02	8/29/03	9/12/2003	Approved
10	Complete	12/11/03	12/18/02	3/10/03	11/22/02	5/5/03	8/29/2003	Approved
11	Complete	2/13/03	2/27/03	4/18/03	12/6/02	6/6/03	8/29/2003	Approved
12	Complete	2/13/03	2/27/03	4/18/03	12/13/02	6/6/03	9/5/2003	Approved
13	In Progress	2/6/03	2/20/03	4/18/03	2/21/03	6/6/03	7/30/2004	
14	Complete	1/8/03	1/15/03	3/14/03	11/12/02	8/29/03	10/30/2003	Approved
15	Complete	2/26/03	N/A	N/A	2/21/03	6/6/03	8/29/2003	Approved
16	Complete	2/26/03	N/A	N/A	2/28/03	6/6/03	8/29/2003	Approved
17	Complete	1/8/03	1/15/03	N/A	2/14/03	5/5/03	6/13/2003	Approved
18	Complete	1/8/03	1/15/03	3/20/03	2/14/03	5/5/03	6/13/2003	Approved
Agency Responsible		ELRTP	MTA	ELRP	ELRTP	MTA	MTA	

Batch No. 5 has been removed, as the Midway Yard will be utilized.

Ditman crossing in Batch #7 is being removed based on initial discussions between County, MTA and CPUC. Supporting back-up documentation being collected and analyzed.

### SHADED AREAS REPRESENTS COMPLETION

29 applications approved. 7 under review, and 5 grade separated crossings to be submitted on 7/30/04.

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

## FFGA APPLICATION DOCUMENT CHECKLIST SUPPORTING DOCUMENTS

DOCUMENT	AGENCY	STATUS/COMMENTS
Value Engineering	MTA	Complete.
Record of Decision/FONSI	FTA	Complete.
Quality Management Plan	MTA	FTA approved for current stage.
FSTIP Approval	SCAG	Complete. Included in 10/4/02 FSTIP.
Annual Certifications/ Assurances	MTA	Complete.
Financing Plan	MTA	Complete.
Rail Fleet Management Plan	MTA	Revised plan to submitted to FTA.
Bus Fleet Management Plan	MTA	FTA approved for current stage. Revised plan to be submitted to FTA.
Real Estate Acquisition Plan	MTA	FTA approved plan.
Submit System Safety Program Plan to CPUC	MTA	Revised plan was submitted to the CPUC and finalized.
Department of Labor (13c) Certification	DOL	Complete.
Civil Rights Program Review	FTA	Complete.
Before and After Study Plan	MTA	Complete.
Risk Assessment	MTA	Complete.
Spot Report (as needed)	FMO/PMOC	Final PMO Spot Report issued on 9/23/03 and Final FMO Spot Report issued on 9/24/03. Updated financial information submitted to FMO. Revised final FMO Spot Report issued. Revised final PMO Spot Report issued. Final project assessment submitted to FTA.
Project Management Plan	MTA	FTA approved plan for inclusion in FFGA.
Interagency Agreements including CPUC Oversight (MOU)	MTA	Revisions to existing agreements in progress.
Environmental Permits & Biological Determination	TBD	TBD if needed.

## FFGA APPLICATION DOCUMENTS

DOCUMENT	AGENCY	STATUS/COMMENTS
Part I – Full Funding Grant Agreement	FTA	Final Part 1 sent to Region IX.
Attachment 1 – Scope of Project	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 1A – Project Map	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 2 – Project Description	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 3 – Baseline Cost Estimate	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 3A – Project Budget	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 4 – Baseline Schedule	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 5 – Schedule of Prior Grants and Related Documents	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 6 – Schedule of Capital New Starts Funds	MTA	Revised version submitted to FTA HQ incorporating FTA adjustments.
Attachment 7 – Measures to Mitigate Environmental Impacts	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Attachment 8 – Before and After Study	MTA	Revised version submitted to FTA HQ incorporating BAFO results.
Region IX to HQ FFGA Recommendation Memo	FTA	Complete.
Submittal of paper grant application (5309) and TEAM application (Part II – FFGA included)	MTA	TEAM applications CA-90-Y056-01 and CA-03-0508-05 submitted for FTA approval. CA-03-0661 pending TEAM submission.

## **FFGA EXECUTION PROCESS**

<b>DOCUMENT</b>	<b>AGENCY</b>	<b>TARGET DATE</b>	<b>STATUS/COMMENTS</b>
FTA letter to Congress	FTA	4/2/04	Complete.
Congressional Review	Congress	4/2/04- 6/1/04	Complete.
FTA Approval Letter to Grantee	FTA	6/1/04	Complete.
Review/Execution of FFGA	FTA	6/1/04	Complete.

## CONTRACT P2550 STATUS

<b>Description: 2550 Rail Vehicle Program</b> <b>Contractor: AnsaldoBreda, Italy</b>		<b>Contract No. P2550 Project: 800151</b> <b>Status as of: June 30, 2004</b>					
<b>Progress/Work Completed:</b> In June, the Metro 2550 On-Site Inspector continued his work at the AnsaldoBreda facilities in Pistoia & Naples, Italy. Contractor will be paid for Contract Milestone 4A in June 2004 1. The Final Design Reviews for the following systems were conducted by the 2550 IPT in Los Angeles. <ul style="list-style-type: none"> <li>- Seating</li> <li>- Interiors</li> <li>- Lighting</li> <li>- Pantograph</li> <li>- Communications</li> <li>- ATP/TWC</li> <li>- Wheels &amp; Axles</li> </ul> 2. The First Article inspection for the Coupler assemblies were conducted by the 2550 IPT in Sweden, Europe.		<b>Major Activities (In Progress):</b> Contractor continues the Milestone 5A & 6A work.  <b>Major Activities Next Period:</b> In addition to a general Program Progress Review, the IPT will complete the First Article Inspections at various locations for these major systems or subassemblies: <ol style="list-style-type: none"> <li>1. Coupler</li> <li>2. Passenger Doors</li> <li>3. HVAC.</li> <li>4. Brake Systems</li> <li>5. Communications</li> </ol> Weekly teleconference meetings continue to monitor technical design and production development of the 2550 rail vehicles.					
<b>Areas of Concern:</b> Documentation submittals are still lagging behind actual design completion. AnsaldoBreda has hired a consultant to assist with data schedule recovery.							
<b>Schedule Summary:</b>  Date of Award: 04/24/03 Notice to Proceed: 06/06/03 Original Contract Duration: 1460 CD Current Contract Duration: 1460 CD Elapsed Time from NTP: 418 CD  Option 1 & 2 Contract duration 1460 CD** ** after starting options 1 & 2  Note: MTA is in the process of completing Contract Modification #1, reducing Current Contract Value to reflect the recently granted California Exemption for State Sales Tax.			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
		Notice to Proceed	06/06/03	0	6/06/03A	6/06/03A	0
		Milestone 1A - Approval of Eng. Production Plan	08/08/03	0	12/08/03	10/15/03A	0
		Milestone 2A - Appr. of Contr. Prelim. 13 weeks schedule	09/05/03	0	11/20/03	12/30/03A	0
		Milestone 3A - Approval of vehicle cross-section dwgs	11/07/03	0	01/20/04	12/30/03A	0
		Milestone 4A - Approval of general vehicle arrang. dwgs	01/02/04	0	01/31/04	3/31/04A	60
		Milestone 5A - Appr. dwgs, per Sect. 1.13.1 Tech Specs	05/07/04	0	05/07/04	07/30/04	83
		Milestone 6A - Appr. of Operator Cab Mockup	06/04/04	0	06/04/04	07/30/04	54
		Milestone 14A - Acceptance of two First Article Vehicles	12/02/05	0	12/02/05	12/02/05	0
<b>Physical Percent Complete:</b> Physical completion * as of June 2004 is 27.0%.  * Note: Physical completion assessment reflects work completed and invoiced plus current work in progress.		<b>Cost Summary: \$ In millions</b> 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: 34.69					



## **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**

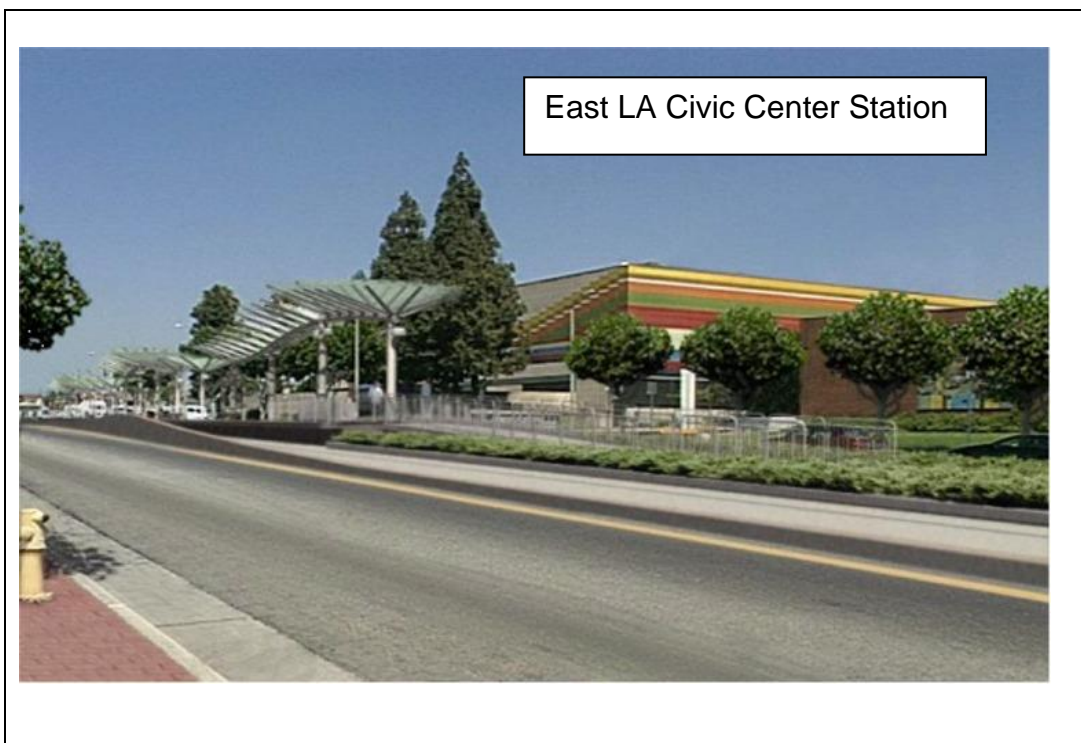




## **CURRENT PROJECT RENDERINGS**



## **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
LNTF	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