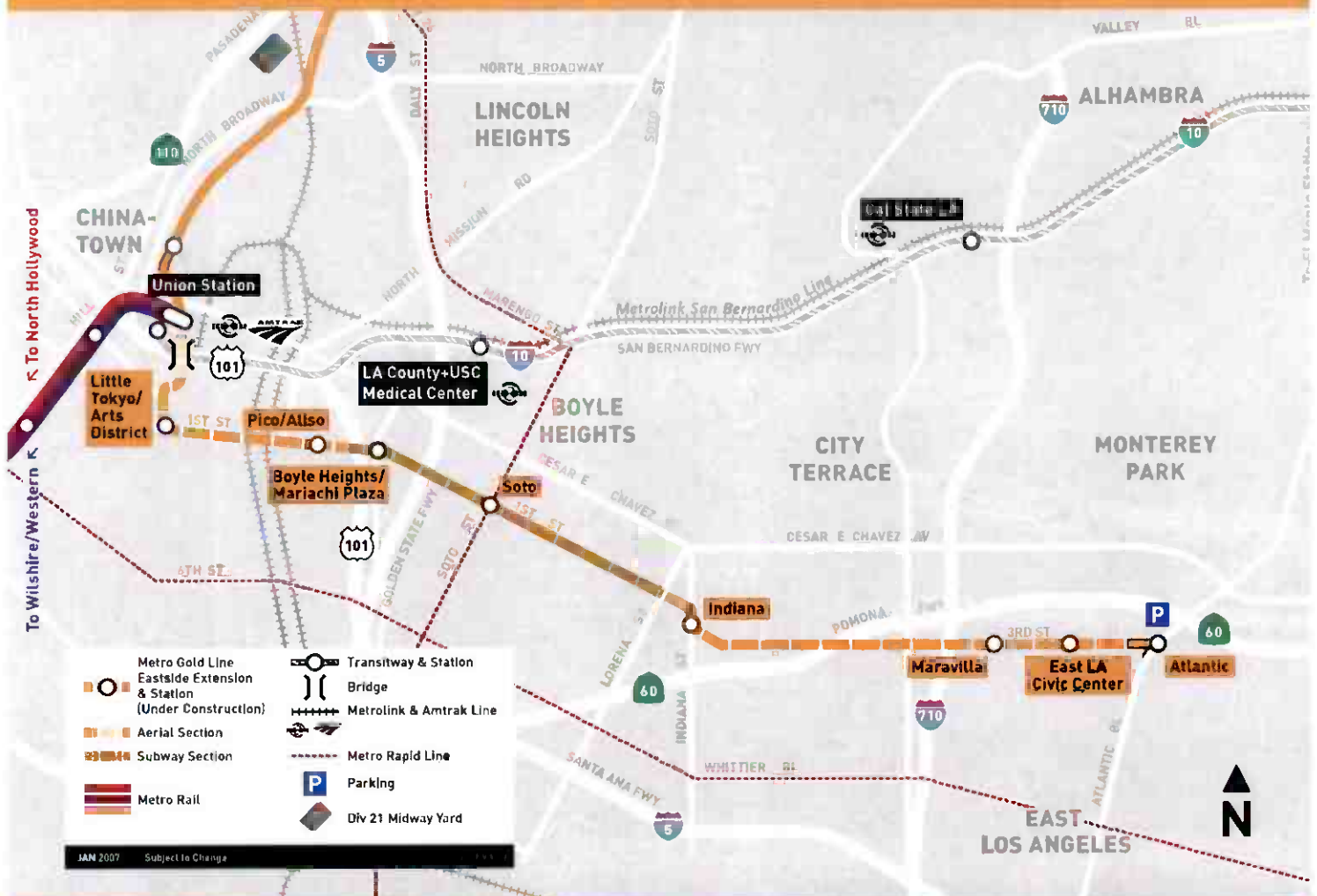


February 2007

# Metro Gold Line Eastside Extension



# **METRO GOLD LINE EASTSIDE EXTENSION**

## **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.

**FEBRUARY 2007**

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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.*

During this period, the Approved for Construction (AFC) design packages for Guideway/Trackwork, Overhead Contact System (OCS) and Traction Power Substation site plans were reviewed and approved. Also, submitted for review this period was the AFC design package for Indiana Station. Approved for Construction packages are underway for Civil Segments 3A and 3B, and the Communications re-submittal. The 100% design packages for Civil Segment 4B, Train Control System and Segment 3C Electrical are also underway. All design packages are planning to be approved for construction by the end of June 2007.

The Caltrans contractor for the US-101 Freeway LRT Bridge Overcrossing Project (Contract C0802) completed removal of the false work underneath the remaining sections of the bridge. Also, fabrication of metal railing was completed and installation started at the east end of the bridge next to Union Station. The turnover of the bridge from Caltrans to Metro is on schedule.

The City of Los Angeles 1<sup>st</sup> Street Bridge Widening Project is in the final design and construction stages. There are three phases to the project: Phase I – Street Restoration, Phase II – Bridge Girder Strengthening, and Phase III – Bridge Widening. The C0803 contractor is progressing with Phase I construction according to plan. The remaining two phases are the responsibility of the City of Los Angeles. The Phase II construction started on February 6, 2007 when the notice to proceed was given to the Griffith Company, the City contractor. Construction completion is expected to take 224 calendar days. Phase III design has been completed and the constructability review is ongoing. The Right-of-Way Certification has been delayed by three months due to acquisition issues on two properties. As a result, the bid documents will not become available to bidders until the end of June 2007. Phase III completion will not impact the construction of the project guideway/track work on the bridge.

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At the Boyle Heights/Mariachi Plaza Station, construction crews this period continued installation of the HDPE water protection, rebar and forms for exterior walls at track level. The first concrete pours for exterior walls were placed this period. Also, the invert slab at the hammerhead adjacent to the tunnels and the excavation of the station entrance began.

At the Soto Station, the first half of the entrance slab was poured this period and construction crews continued placing invert slab rebar, and electrical and plumbing embeds for the other half. The staging operation to support tunnel invert and walkway, and cross-passage construction continued.

At the West Portal, removal of the earth berm between the portal and the Boyle Heights/Mariachi Plaza Station was completed this period. The placement of mud mat and invert slab will follow next.

At the East Portal, the shoring for roof concrete placement continues per plan. Construction crews started placement of rebar, and electrical and plumbing embeds in anticipation of the first roof concrete pour next period.

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Along 1<sup>st</sup> Street between Alameda and Vignes Streets (Segment 2A), the installation on the north side of the street of a sewer line was stopped in order to complete the relocation of a DWP power line, which is expected to last through March 2007. There is no schedule impact foreseen. In a separate segment, also along 1<sup>st</sup> Street east of Los Angeles River (Segment 2B), the street widening on the south side of 1<sup>st</sup> Street was completed this period. The demolition of the remaining building on the LAUSD property on 1<sup>st</sup> Street, between Mission and Clarence Streets was also completed, which will allow the C0803 contractor to switch construction to the north side of 1<sup>st</sup> Street.

At the east end of the alignment along 3<sup>rd</sup> Street between Atlantic Boulevard and Mednik Street (Segment 7), the widening on the south side of the street is progressing per schedule. Also, west of Mednik Avenue (Segment 6), widening of the south side of 3<sup>rd</sup> Street began this period.

## **PROJECT OVERVIEW**

Construction along 3<sup>rd</sup> Street, west of Eastern Avenue in Segment 5, continued according to plan. The demolition and excavation in the U-channel was completed this period. Construction crews mobilized to start rebar and formwork installation of the retaining walls. The placement of the mud mat and invert slab will follow next period. Also this period, the rail welding shop was set up and the first rail shipments began arriving at the jobsite.

The 3<sup>rd</sup> Street overcrossing retrofit at the I-710 Freeway continues per schedule. This period, CIDH pile installation for the bridge abutment foundations was completed and the installation for the bridge pier foundations is underway. The fabrication of pre-cast box girders continues per schedule.

In other areas of the alignment, at-grade station construction continues according to plan. At the Little Tokyo/Arts District Station, the platform walls were formed and poured this period as well as the OCS pole foundations. Construction crews began installation of the station platform deck. Also, construction of the Atlantic Station started this period. Demolition of street asphalt and excavation for the TC&C room were completed.

Metro Operations completion of the new fiber optics cable from the Rail Operations Control Center to the 7<sup>th</sup>/Metro Station is scheduled for the end of June 2007. The fiber optics cable will provide the necessary links required by the project. The C0803 contractor has coordinated with Metro staff for the testing of existing fiber optic connections and determining project assignments at Union Station for inclusion in the final systems design documents.

The fabrication and delivery of 50 light rail vehicles (LRV), Contract No. P2550, is well underway. Ten vehicles are required for the Metro Gold Line Eastside Extension Project. So far a full production LRV has been delivered to Metro, which is going through the final acceptance process. Several vehicles are in the assembly line and one more vehicle is scheduled for delivery next period. The current delivery schedule supports the project systems integration testing and pre-revenue phases.

The Universal Fare System (UFS) equipment fabrication will start in April 2007. Equipment fabrication is expected to take up to six months. The finished equipment will be stored at the vendor's facility until the equipment is required for installation.

The Metro Art Department completed the process of selecting the artists that will be providing the art pieces for the eight stations. Presently the artists are finalizing the art design and developing shop drawings with multiple fabricators. Metro and ELRTC staff is developing a schedule, which will provide the artists with project "need dates" for shop drawing completion, and delivery and installation of art pieces.

## **MANAGEMENT ISSUES**

### **(Resolved) Issue No. 1: City of Los Angeles 1<sup>st</sup> Street Bridge and Street Widening Project**

**Status** Due to the lack of available funds and the lack of progress on their project, The City of Los Angeles has re-sequenced the construction work into three phases to eliminate schedule impacts to the Metro Gold Line Eastside Extension Project. The first phase is street restoration, followed by girder strengthening, and then bridge widening.

**Action** Street restoration began in April 2006 and is progressing per the schedule. Approval from the Federal Highway Administration was received on September 18, 2006, authorizing the City of Los Angeles to proceed with the Phase II – Bridge Girder Strengthening construction contract. The bid documents were issued on September 25, 2006 and the construction bids were received on November 29, 2006. The City issued Notice to Proceed on February 6, 2007. Construction completion is scheduled for September 18, 2007, which meets the scheduled turnover date to Metro for track installation by Metro's C0803 contractor.

### **Issue No. 2: Ramona Opportunity High School and Indiana Station**

**Status** The Metro Board of Directors approved a funding plan between Metro and the Los Angeles Unified School District (LAUSD), that allows for the re-building of Ramona Opportunity High School (ROHS) and for the Indiana Station to be constructed on a portion of the ROHS property. The Land Exchange and Funding Agreement were signed by Metro and LAUSD in July 2006, which includes the terms and conditions of the funding plan and cost sharing arrangements.

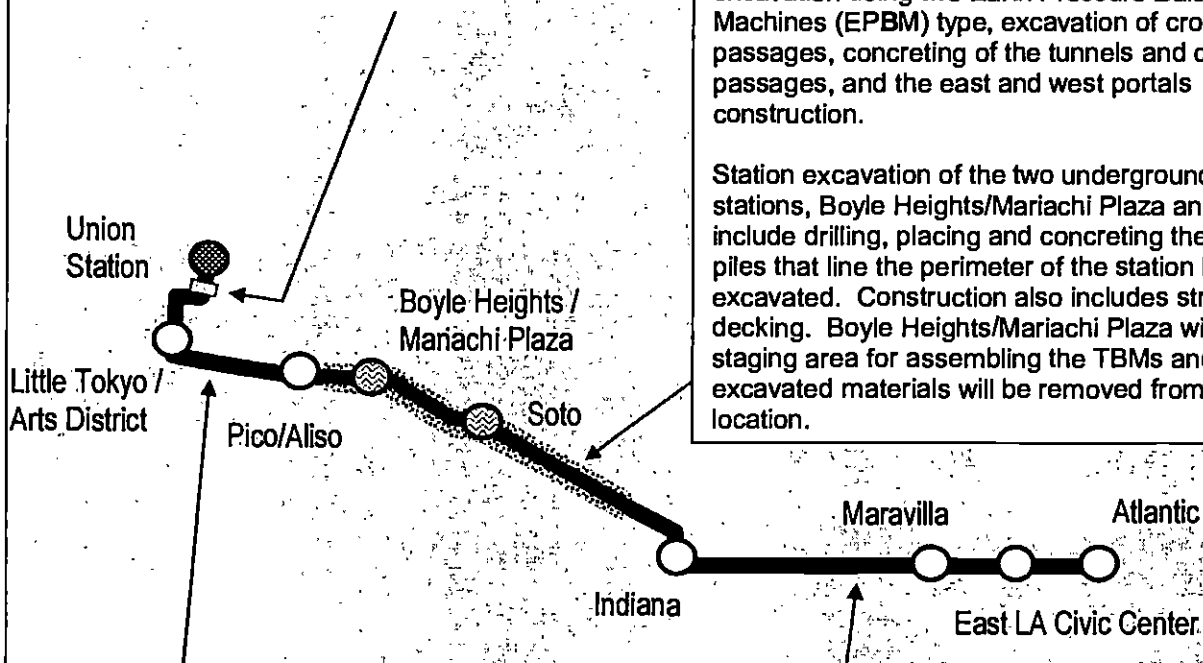
**Action** Execution of the Land Exchange and Funding Agreement that was signed in July 2006 was contingent on LAUSD receiving favorable construction bids for the re-build of ROHS. Bids were received on October 10, 2006 and were above the LAUSD Project estimate and the current Funding Agreement. In December 2006, the Metro Board of Directors authorized a new funding plan for the re-build of ROHS. In January 2007, the LAUSD Board also approved the new funding plan. Execution of the Land Exchange Agreement is planned for March 2007.

## PROJECT SCOPE

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

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

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








**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.

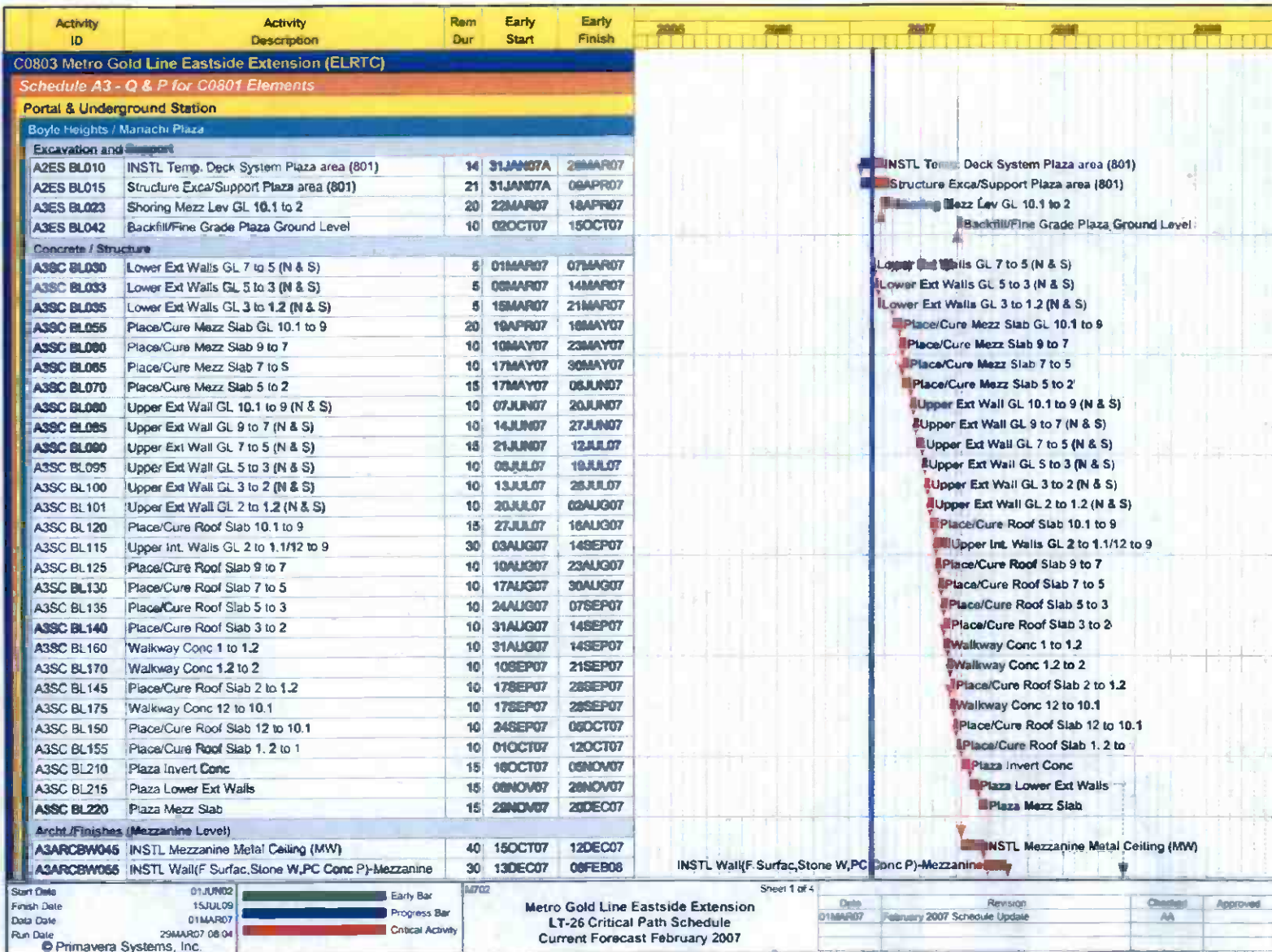


## KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD

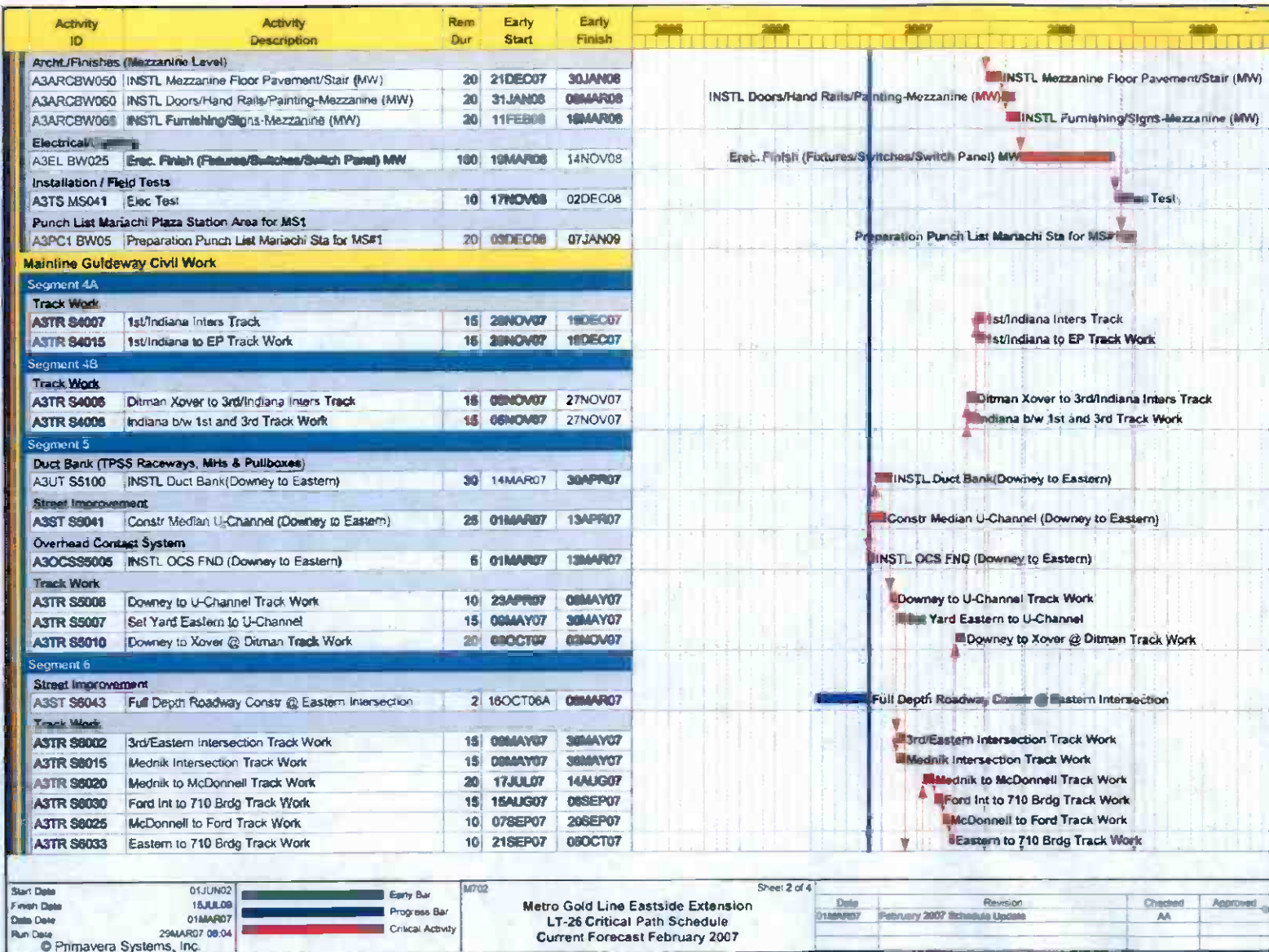
	Milestone Date	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07
Started Guideway Construction - Segment 5 U-Channel Retaining Walls	02/05/07	○					
Started Delivery of Track Rail to the Welding Yard	02/05/07	○					
Started Atlantic Station Construction	02/05/07	○					
City of Los Angeles Issued Notice to Proceed (NTP) for First Street Bridge Phase II Strengthening Contract	02/06/07	△					
Completed Tunnel Cross Passage Nos. 1 and 2	02/28/07	○					
Start Laying Track Rail - Segment 5 U-Channel	03/12/07 *		○				
Caltrans Complete US-101 Freeway Bridge Overcrossing (C0802)	03/15/07 *		△				
Complete Tunnels Concrete Invert Slab between Boyle Heights/Mariachi Plaza and Soto Stations	03/22/07 *		○				
Start East Los Angeles Civic Center Station Construction	03/29/07 *		○				
Land Exchange between Metro and LAUSD	03/30/07 *		△				
Submit Segment 3C Electrical 100% Design for Review	03/30/07 *		○				
Submit Train Control 100% Design for Review	03/30/07 *		○				
Submit Segment 4B Civil 100% Design for Review	03/30/07 *		○				
LAUSD Complete Demolition of Existing Buildings adjacent to Indiana St.	05/15/07 *				△		
Complete 1st Street Widening from Alameda Street to Vignes Street - Segment 2 A	05/31/07				○		
Complete All Design Approved for Construction (AFC)	06/15/07 *					○	
Complete West Portal Structure	06/27/07 *					○	
Complete MSE Wall From Commercial Street to Alameda Street - Segment 1	06/28/07 *					○	
Complete Tunnels Cross Passage Construction	06/29/07					○	
City of Los Angeles Issue for Bid First Street Bridge Phase III Widening Contract	06/29/07					△	
Complete EB Tunnel Civil Works	07/23/07						○
<div> <div>  LAC MTA Staff Milestone  Eastside LRT Constructors  FTA FTA Approval </div> <div>  Other Agencies * New Date  Metro LAC MTA Board Approval </div> </div>							

Six-month lookahead schedule for Contract C0803 reflects the contractor's current CPM schedule.

PROJECT MASTER SCHEDULE  
CRITICAL PATH (1 of 4)

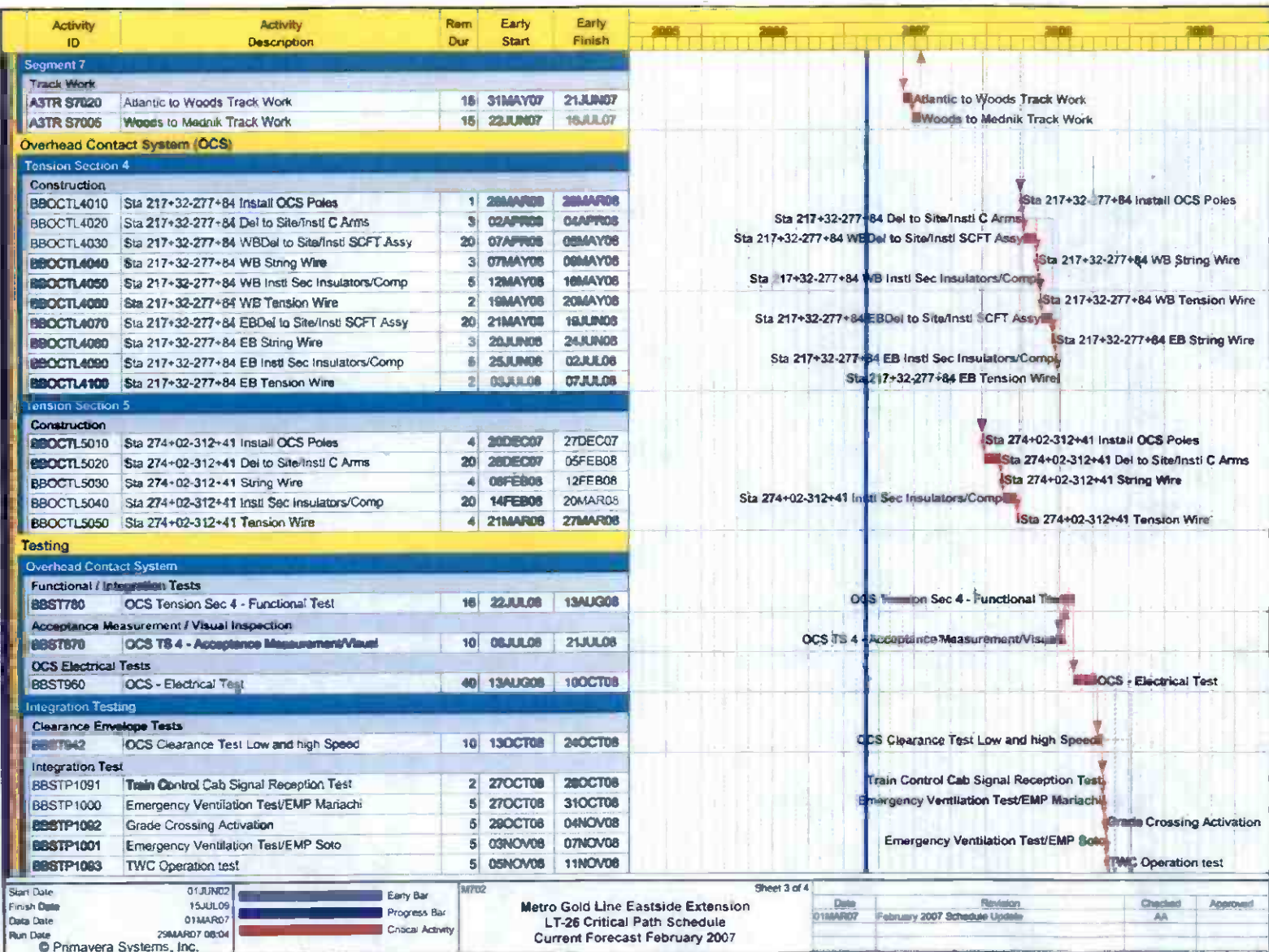


# PROJECT MASTER SCHEDULE CRITICAL PATH (2 of 4)

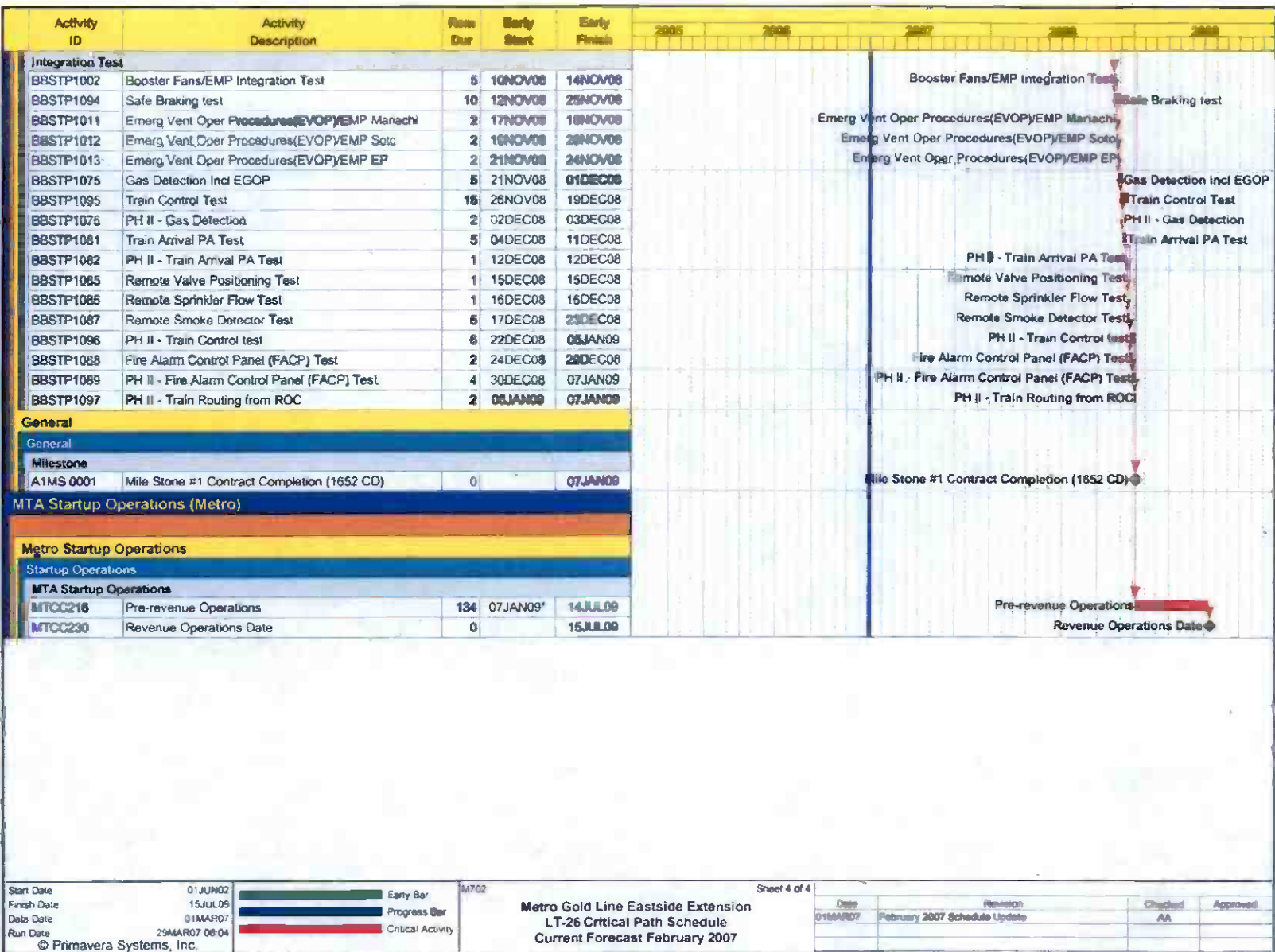




# PROJECT MASTER SCHEDULE CRITICAL PATH (3 of 4)



# PROJECT MASTER SCHEDULE CRITICAL PATH (4 of 4)



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

With the clean up of the Boyle Heights/Mariachi Plaza Station completed, the current critical phase is the concrete placement of the last section of invert slab and exterior walls at track level. The contractor is reporting their overall progress to be two days behind schedule as a result of longer than anticipated time in constructing the retaining wall at the U-channel in Segment 5, which is a predecessor for starting guideway and trackwork in that area. Metro feels that opportunities will be available in follow-on activities to make up for the two days.

After concrete invert slab placement at the last invert section of the Boyle Heights/Mariachi Plaza Station, the project critical path becomes construction completion of the station and in a parallel path, construction of the guideway, Overhead Contact System (OCS) pole foundations, and trackwork on the east side of the alignment. System equipment installation such as OCS and local facilities testing are the last stage of the critical path prior to entering the final test stage, where systems integration testing and pre-revenue operations are conducted.

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

### **Current Critical Path Analysis**

#### **Design**

During this period, the Approved for Construction (AFC) design packages for Guideway/Trackwork, Overhead Contact System (OCS) and Traction Power Substation site plans were reviewed and approved. Also, submitted for review this period was the AFC design package for Indiana Station. The following facility design packages and the system design packages are in progress:

- Facility Design Packages:
  1. Segments 3A, 3B Approved for Construction (AFC) civil designs,
  2. Segment 3C 100% electrical design,
  3. Segment 4B 100% civil design, and
  4. Segment 5 AFC civil design.
- System Design Packages:
  1. Communications AFC design re-submittal and
  2. Train Control System 100% design.

The Los Angeles Unified School District (LAUSD) and Metro staffs are currently in the process of preparing an amendment to the escrow documents necessary for execution of the Land Exchange Agreement at the Ramona Opportunity High School site, which is necessary for the start of construction of the Indiana Station. The escrow closing date is now expected to occur on or before March 31, 2007. Also, Metro continues with the process to receive a "No Further Action" finding from the Department of Toxic Substances Control (DTSC), as required prior to LAUSD receiving possession of the Alma properties and finalizing the Land Exchange Agreement. The NFA finding from DTSC is expected to occur by mid-March 2007.

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## PROJECT COST STATUS

### COST REPORT BY ELEMENT ORIGINAL SCOPE ACTIVITIES

DOLLARS IN THOUSANDS

ELEMENT	DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		EXPENDITURES		CURRENT FORECAST		BUDGET / FORECAST VARIANCE
			PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	
C	CONSTRUCTION	633,221	-	662,391	1,082	644,857	9,492	346,391	-	662,391	-
S	SPECIAL CONDITIONS	19,494	-	20,329	111	23,365	222	22,839	-	20,329	-
R	RIGHT-OF-WAY	40,358	-	41,742	-	46,182	2	39,903	-	41,742	-
P	PROFESSIONAL SERVICES	135,304	-	135,936	-	118,086	1,507	102,458	-	135,936	-
PC	PROJECT CONTINGENCY	60,254	-	28,249	-	-	-	-	-	28,249	-
PR	PROJECT REVENUE	(4,617)	-	(4,633)	-	-	-	(44)	-	(4,633)	-
SUBTOTAL		884,014	-	884,014	1,193	832,490	11,222	511,546	-	884,014	-
PF	PROJECT FINANCE COST	14,800	-	14,800	1,581	2,076	1,581	2,076	-	14,800	-
TOTAL		898,814	-	898,814	2,774	834,566	12,803	513,621	-	898,814	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JANUARY 2007

## PROJECT COST ANALYSIS

### Original Budget

The Full Funding Grant Agreement (FFGA) was adopted June 1, 2004 in the amount of \$898.8 million. The Original Budget reflects the adopted FFGA.

### Current Budget and Current Forecast

The Current Budget and Forecast remains the same at \$898.8 million.

### Commitments

The Commitments increased by a total of \$2.8 million this period. In the Construction element there was an increase of \$1.1 million due to executed modifications associated with Contract C0803 – Tunnel, Stations, Trackwork, and Systems. In the Special Conditions element there was an increase of \$0.1 million due to the 3<sup>rd</sup> party Master Cooperative Agreements. And in the Project Finance Cost element there was an increase of \$1.6 million that reflects an interest payment. Interest earned is received monthly and interest payments are made semi-annually. The \$834.6 million in Commitments to date represents 92.9% of the Original Budget.

### Expenditures

Expenditures are cumulative through January 2007. The Expenditures increased by \$12.8 million this period primarily due to construction costs associated with Contract C0803 – Tunnel, Stations, Trackwork, and Systems. The January 2007 invoice for Contract C0803 in the amount of \$6.6 million was posted in the Metro's Financial Information System (FIS) on February 15, 2007 and will be reflected in the next reporting period. The \$513.6 million in Expenditures to date represents 57.1% of the Original Budget.

**Note:** The Commitments and Expenditures To Date amounts for Special Conditions are reported higher than the Current Budget and Current Forecast To Date amounts. Updates to the Current Budget and Current Forecast amounts for each project line element will be reflected in the March 2007 Quarterly Project Status Report, which will be inclusive of commitments to date and future commitments required for project completion.

## PROJECT COST STATUS

### COST REPORT BY ELEMENT CONCURRENT NON-FFGA PROJECT ACTIVITIES

DOLLARS IN THOUSANDS

ELEMENT	DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		EXPENDITURES		CURRENT FORECAST		BUDGET / FORECAST VARIANCE
			PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	
C	CONSTRUCTION	18,000	-	18,000	-	11,222	924	4,185	-	18,020	20
S	SPECIAL CONDITIONS	-	-	-	166	920	10	578	-	-	-
R	RIGHT-OF-WAY	-	-	-	-	-	-	-	-	-	-
P	PROFESSIONAL SERVICES	-	-	-	-	646	5	61	-	-	-
PC	PROJECT CONTINGENCY	-	-	-	-	-	-	-	-	-	-
PR	PROJECT REVENUE	-	-	-	-	(3,394)	(20)	(20)	-	(20)	(20)
SUBTOTAL		18,000	-	18,000	166	9,393	920	4,805	-	18,000	-
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
TOTAL		18,000	-	18,000	166	9,393	920	4,805	-	18,000	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JANUARY 2007

## PROJECT COST ANALYSIS

### Original Budget

The Original Budget of \$18.0 million was adopted by the Metro Board on March 24, 2005.

### Current Budget and Current Forecast

The Current Budget and Forecast remain the same at \$18.0 million.

### Commitments

The Commitments increased by \$0.2 million this period due to environmental work associated with the properties on Alma Street. The \$9.4 million in Commitments to date represents 52.2% of the Original Budget.

### Expenditures

Expenditures are cumulative through January 2007. The Expenditures increased by \$0.9 million this period primarily due to work performed on urban design elements, street restoration at Atlantic, and work requested by the City and County of Los Angeles for corrugated metal pipe storm drain replacement on 3rd Street, irrigation system at Civic Center, 1<sup>st</sup> Street bridge widening, and street improvements. The \$4.8 million in Expenditures to date represents 26.7% of the Original Budget.

**FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES**

SOURCE	(A) ORIGINAL BUDGET	(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	490.7	155.2	439.2	90%	247.5	50% (1)	247.5	50%
FED - SECTION 5309 FIXED GUIDEWAY	23.1	12.0	12.0	12.0	100%	12.0	100%	12.0	100%
FEDERAL - CMAQ	10.3	10.3	10.3	10.3	100%	10.3	100%	10.3	100%
REGIONAL IMPROVEMENT PROG - FED	179.6	4.6	4.6	4.6	100%	4.6	100%	4.6	100%
REGIONAL IMP PROG - STATE	0.6	175.6	88.0	175.6	100%	88.0	50%	88.0	50%
STATE TCRP	45.0	45.0	45.0	45.0	100%	45.0	100%	45.0	100%
PROP A 35% / PROP C 40%	124.6	135.7	135.7	135.7	100%	94.0	69%	76.7	57%
LEASE REVENUES	10.1	10.1	10.1	10.1	100%	10.1	100%	10.1	100%
ACCRUALS									
SUB-TOTAL	884.0	884.0	460.9	832.5	94%	511.5	58%	494.2	56%
PROP A / PROP C (INTEREST COST)	14.8	14.8	2.0	2.1	14%	2.1	14%	(1.0)	-7%
TOTAL	898.8	898.8	462.9	834.6	93%	513.6	57%	493.2	55%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JANUARY 2007.

(1) BILLED EXPENDITURES IN EXCESS OF FUNDS AVAILABILITY ARE TEMPORARILY FUNDED THROUGH BRIDGE FINANCING.

**STATUS OF FUNDS ANTICIPATED**

**FEDERAL SECTION 5309 NEW STARTS:** LACMTA received an appropriation of \$59.5M for FY05 and an appropriation of \$78.4M for FY06. Funds have been drawn down.

**RIP-STATE:** LACMTA submitted a request for an AB 3090 reimbursement allocation of \$43.8M in STIP funds to the CTC for consideration at their September 2006 meeting. The request was approved on September 11, 2006 and funds have been drawn down.

**STATE TCRP:** On March 2005, LACMTA resubmitted a request for approval of a LONP for \$189.2M for Phase 4 (Construction) to the CTC for consideration at the May 2005 CTC Meeting. The CTC approved the LONP for \$166.9M and recently revised their guidelines to allow for partial LONP reimbursement prior to phase completion. LACMTA has requested to liquidate the LONP, with an allocation request of \$166.9M that was considered by the CTC at their September 2006 meeting. The allocation request was approved in February 2007. Funds are expected to be available for reimbursement in April 2007.

**FINANCIAL/GRANT STATUS  
CONCURRENT NON-FFGA PROJECT ACTIVITIES**

**FEBRUARY 2007**

**STATUS OF FUNDS BY SOURCE**

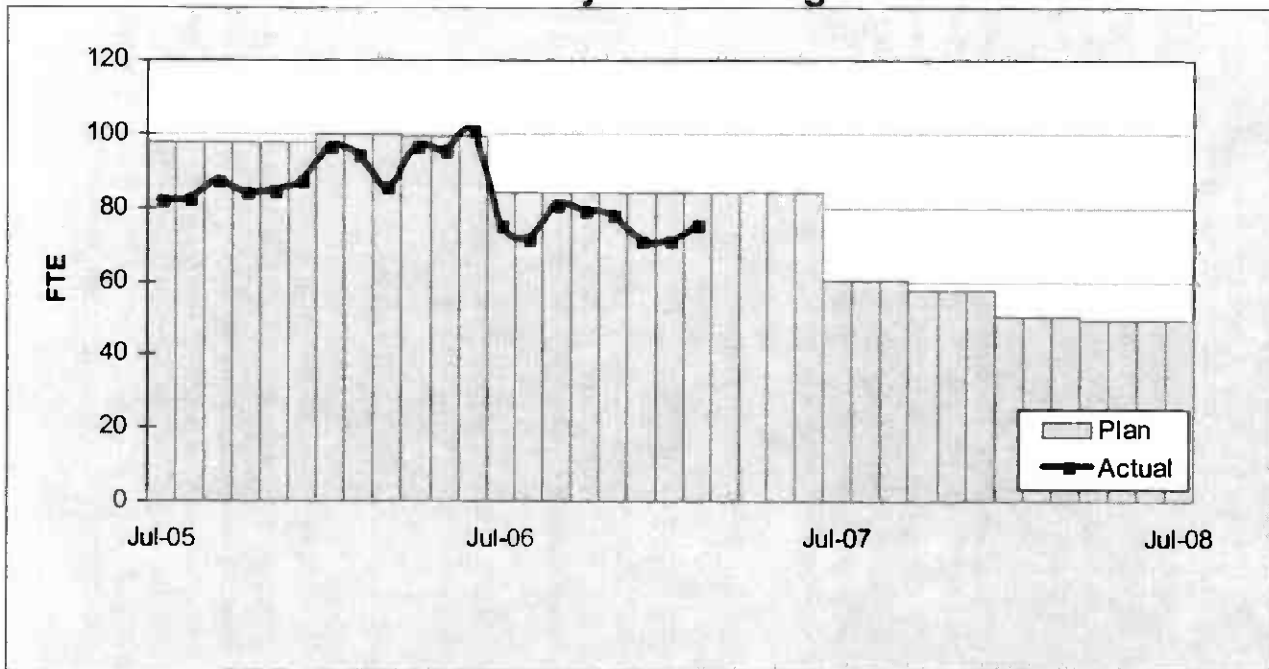
**in \$ millions**

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANTICIPATED (1)	(C) TOTAL FUNDS AVAILABLE	(D) COMMITMENTS \$	(D/B) %	(E) EXPENDITURES \$	(E/B) %	(F) BILLED to FUNDING SOURCE \$	(F/B) %
PROP C 40%	14.0	14.0	14.0	3.9	28%	2.0	14%	1.9	14%
PROP C 10%	4.0	4.0	4.0						
STATE TCR	0.0	24.0	24.0	5.5	23%	2.8	12%	1.7	7%
<b>TOTAL</b>	<b>18.0</b>	<b>42.0</b>	<b>42.0</b>	<b>9.4</b>	<b>22%</b>	<b>4.8</b>	<b>11%</b>	<b>3.5</b>	<b>8%</b>

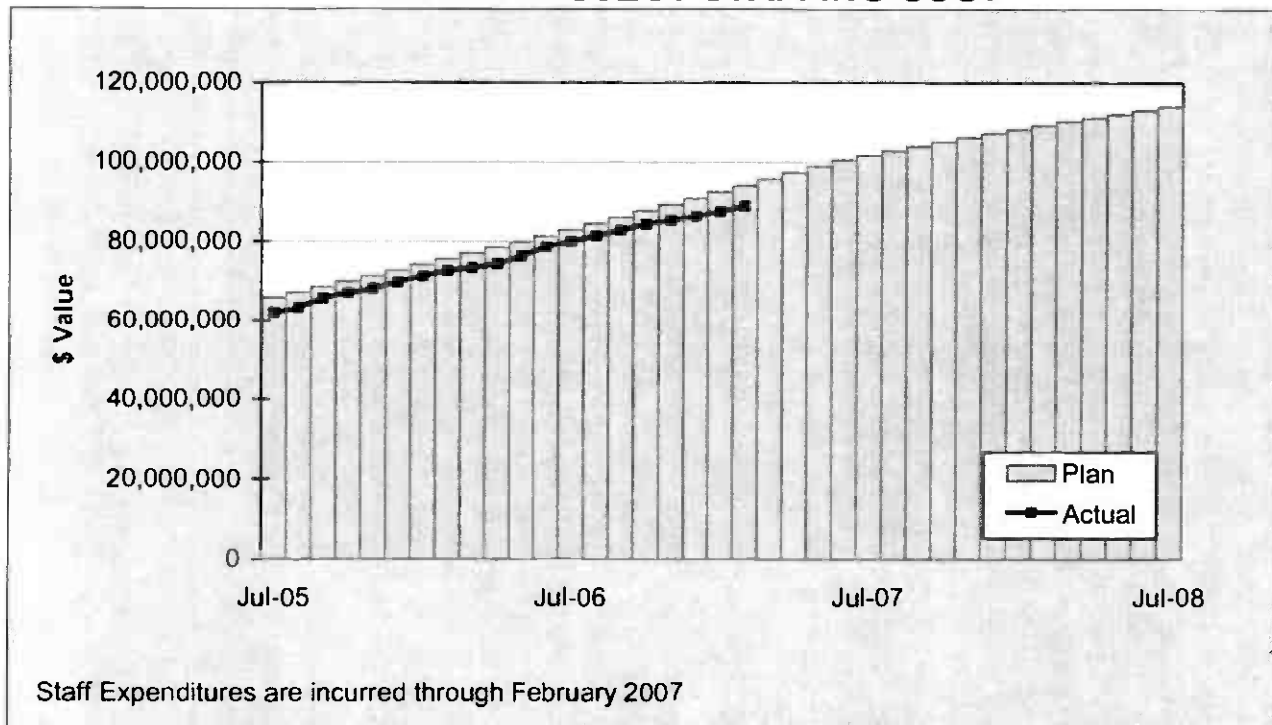
(1) The project current budget and forecast will be updated in the March 2007 Quarterly Project Status Report to reflect the recent Metro Board Receive and File Report.

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH JANUARY 2007.

### STAFFING STATUS Total Project Staffing - FTES

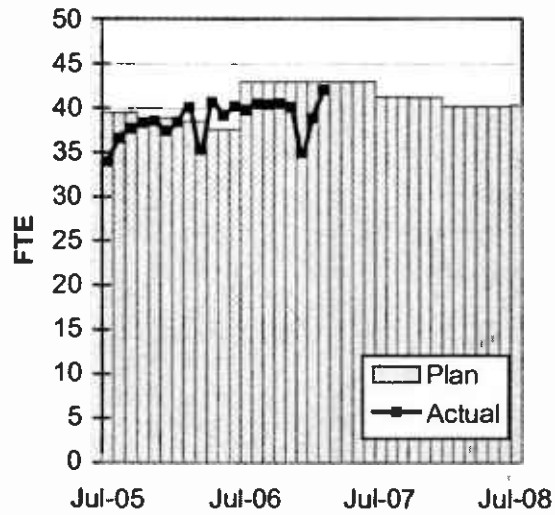


### STAFFING STATUS TOTAL PROJECT STAFFING COST

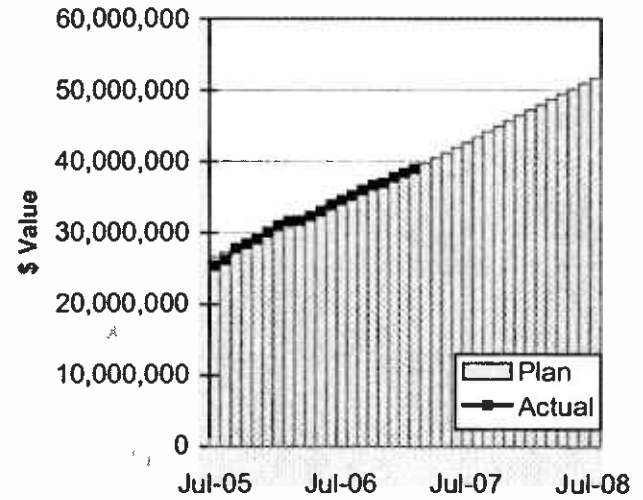


## STAFFING STATUS

**DIRECT AGENCY - FTES**

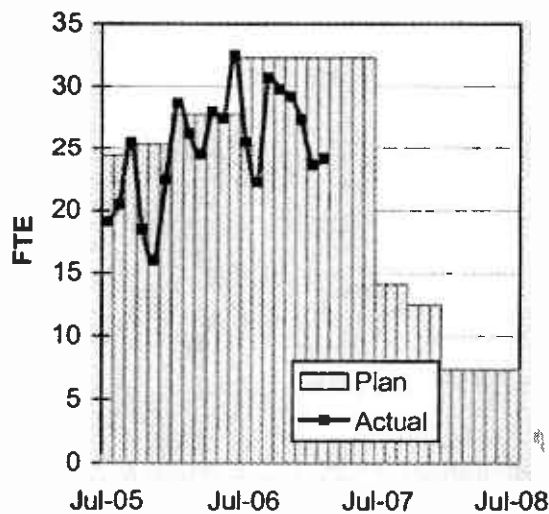


**DIRECT AGENCY - COST**

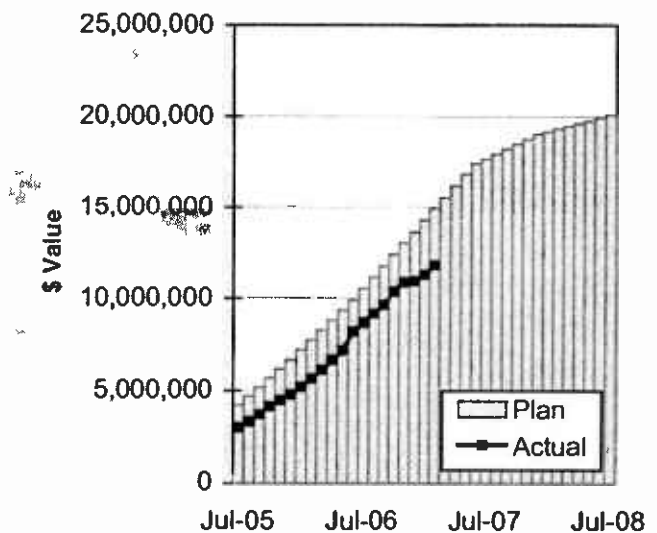


Staff Expenditures are incurred through February 2007

**CONSTRUCTION MGMT – FTES**



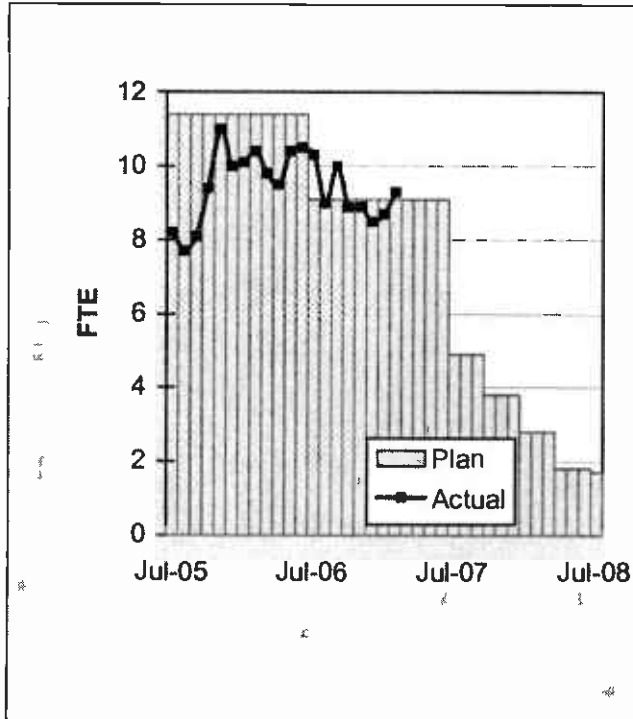
**CONSTRUCTION MGMT - COST**



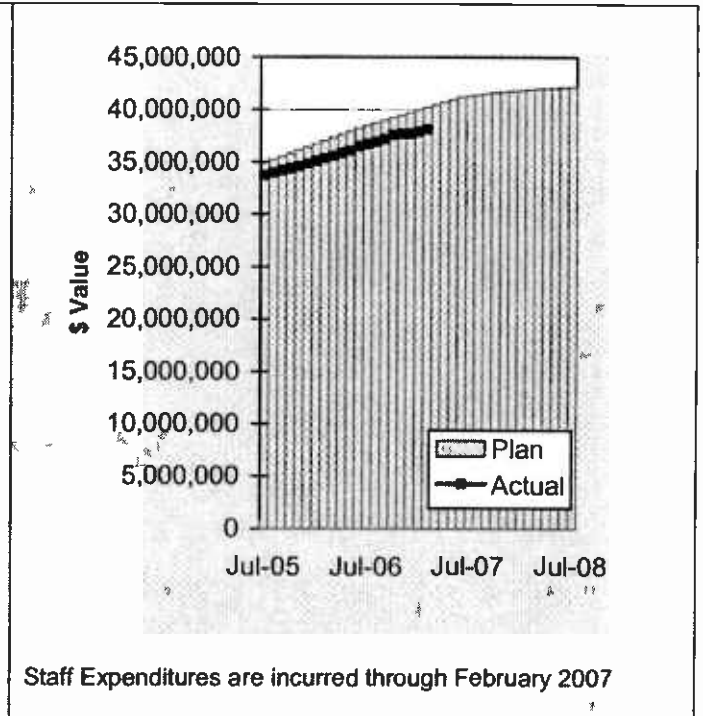
Staff Expenditures are incurred through February 2007

## STAFFING STATUS

**ELRT PARTNERS - FTES**



**ELRT PARTNERS - COST**





**REAL ESTATE STATUS**

- For C0803, the tunnel portion of the alignment, 40 parcels are required for acquisition (11 full takes, 4 partial takes, 20 sub-surface easements/temporary construction easements, 3 sub-surface easements/building protection, and 2 building protections).
- For C0803, the at-grade portion of the alignment, 27 parcels are required for acquisition (17 full takes, 9 partial takes and 1 surface easement). Nine parcels have been identified for the proposed Ramona High School site reconfiguration.
- For C0802, 2 parcels are required (1 surface easement and 1 full take parcel).
- Sixty-nine parcels have been certified, 40 for C0803-Tunnel, 27 for C0803-At-Grade and 2 for C0802. Offers have been made to 69 property owners. A total of 68 parcels are available (40 under C0803-Tunnel, 26 under C0803-At-Grade, and 2 under C0802). All of the remaining properties for the Ramona High School reconfiguration have been acquired.
- 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	68	1	0	0
Last Period	69	68	1	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	40	40	0	0	0	0	40
C0803-At-Grade	27	26	1	0	0	0	26
C0802	2	2	0	0	0	0	2
TOTAL	69	68	1	0	0	0	68
LAST PERIOD	69	68	1	0	0	0	68

## **ENVIRONMENTAL STATUS**

- Archeo/Paleo Associates continues to monitor all construction excavation activities.
- Continued noise monitoring program.
- Continued to evaluate burial options at Evergreen Cemetery. Additional sites will be presented to the Ad Hoc Subcommittee.
- Began negotiations for mortuary services.

## **COMMUNITY RELATIONS STATUS**

- Held project briefings for Executive Review Advisory Committee and Review Advisory Committee.
- Participated in the Boyle Heights Chamber of Commerce installation dinner and groundbreaking for a new East Los Angeles high school.
- Distributed five construction notices concerning street widening and restoration, and nine "Open During Construction" banners.

## **QUALITY ASSURANCE STATUS**

- Continued to review contractor's monthly Asphalt, Concrete Compressive Strength and Soils Compaction Reports.
- Results of field surveillance activities continue to be identified in Weekly Surveillance Reports.

## **SAFETY STATUS**

- Participated in weekly progress meetings with Metro construction management and ELRTC management to discuss safety related issues and construction schedule.
- Conducted Safety Orientation training for Third Party personnel.
- Conducted All Hands Safety Meeting with ELRTC's safety personnel, Metro Transit Security, LAPD and LA fire representatives.
- Monitored construction activities on a daily basis to ensure safety compliance with contract specifications.
- ELRTC reported two (2) recordable incidents and 76,313 work hours for the month of February 2007. Project to date work hours are 1,653,560 with a total of 20 recordable incidents to date. Statistical rate for recordable incidents is 2.4 below the National Average of 5.6.

## **ART DEVELOPMENT STATUS**

### **Stations**

- Construction schedule artwork coordination meeting with construction for 8 stations.

### **Luchas Reyes Sculpture**

- Coordination meeting with construction to begin installation coordination.

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

**February 2007**

**THIRD PARTY AGREEMENT STATUS**

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
City of Los Angeles	Amendment	Completed	N/A	Executed December 2002.
Los Angeles County	Master	Completed	N/A	Executed April 2003.
Caltrans (All Projects)	Master	Completed	N/A	Executed July 2003.
Caltrans (101)	Design	Completed	N/A	Executed July 2003.
Caltrans (101)	Construction	Completed	N/A	Executed September 2003.
Caltrans (101)	Maintenance	12/08	Project Completion	The initial negotiation meeting was held on 1/9/03. LACMTA received a draft from Caltrans on 1/22/04. LACMTA reviewed and submitted the agreement to Caltrans on 2/10/04. A follow up call was made on 10/20/05 but no response to date.
LADWP (Water/Power)	Amendment	3/07	*6/04	LACMTA Management, County Counsel, and LACMTA Board staff have participated in meetings with DWP to complete negotiations, since the "Deadline and Delay" clause is not acceptable to LADWP. Alternative language was forwarded to LACMTA Management and County Counsel for review on 10/7/05. LACMTA CEO is to speak with LADWP CEO.
So. Cal. Edison Co.	Amendment	N/A	N/A	SCE Executive Legal Branch stated on 2/25/05 they have no intention of signing agreement.
The Gas Company	Amendment	Completed	N/A	Executed May 2005.
SBC	Amendment	Completed	N/A	Executed May 2005.
Adelphia Cable Company	Amendment	3/07	*6/04	LACMTA received a draft from Adelphia for review. LACMTA Management and County Counsel reviewed the amendment and returned the document to Adelphia with comments. Adelphia's Legal Department is reviewing the document and follow-up calls were made on 10/20/05 and 11/16/05.
Calif Wtr Service Co	Master	Completed	N/A	Executed May 2005.
L.A. County Sanitation Districts	N/A	N/A	N/A	In a letter dated 3/26/03, the Sanitation District stated that there is not a need for an agreement since there are no relocations related to their facilities. The Sanitation District will review submittals related to encasements of their facilities on Indiana Street.
MCI Worldcom	Amendment	Completed	N/A	Executed May 2005.
Metropolitan Wtr Dist	Amendment	Completed	N/A	Executed May 2003.

**THIRD PARTY AGREEMENT STATUS (Continued)**

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
Verizon Wireless	Amendment	3/07	*6/04	The revised draft amendment was hand delivered to Verizon on 11/19/03 and an electronic copy was sent to them 2/19/04. Verizon did respond with comments, which were reflected in a revised agreement sent 4/05. Verizon legal is completing final review. Follow up calls were made on 10/20/05 and 11/16/05. Verizon has now joined MCI and once the legal work is complete in late February 2006, LACMTA may be able to use the MCI Agreement for Verizon work. E-mailed MCI Agreement to Verizon Representative for consideration as overall agreement covering Verizon and MCI as the new Verizon.
AT&T Local Services	Amendment	3/07	*6/04	LACMTA County Counsel reviewed the existing agreement and recommended revisions. A revised amendment was sent to AT&T. AT&T Legal is completing final review for execution. Follow up calls were made on 10/20/05 and 11/16/05. Since AT&T and SBC have joined AT&T was asked if they could adopt SBC Agreement on 11/16/05. No response to date. AT&T has now joined SBC and when all legal transactions are complete in March 2006, LACMTA may be able to use SBC Agreement for AT&T work. E-mailed the SBC Agreement to the AT&T legal counsel for consideration as the overall agreement covering the new AT&T.
GST	N/A			Facilities are not impacted by Eastside Construction
Exxon Mobil Oil Company	N/A			Facilities are not impacted by Eastside Construction
Pacific Pipeline Company	N/A			Facilities are not impacted by Eastside Construction
Kinder Morgan Pipeline Company	N/A			Facilities are not impacted by Eastside Construction
Tosco Refining Company	N/A			Facilities are not impacted by Eastside Construction
Equilon Pipeline Company	N/A			Facilities are not impacted by Eastside Construction
Level 3 Communications	N/A			Facilities are not impacted by Eastside Construction
Broadwing Communications	N/A			Facilities are not impacted by Eastside Construction
Eller Media	N/A			Facilities are not impacted by Eastside Construction

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

## CPUC CROSSING SUMMARY

Batch	Application Status	Initial Package Submittal to MTA	Field Diagnostic Meeting	Revised Drawings Due to MTA	Draft Write-up to MTA	Draft Package Submittal 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	1/13/02	5/5/03	6/18/2003	Approved
4A	Complete	1/24/03	1/29/03	3/14/03	2/7/03	9/5/03	1/23/2004	Approved
5	Complete	3/19/03	3/26/03	5/20/03	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	Approved
8	Complete	11/26/02	12/18/02	3/31/03	1/15/02	6/6/03	5/21/2004	Approved
9	Complete	1/20/03	1/29/03	3/31/03	1/22/02	8/29/03	9/12/2003	Approved
10	Complete	12/11/03	12/18/02	3/10/03	1/22/02	5/5/03	8/29/2003	Approved
11	Complete	2/13/03	2/27/03	4/18/03	12/6/02	6/6/03	8/29/2003	Approved
12	Complete	2/13/03	2/27/03	4/18/03	12/13/02	6/6/03	9/5/2003	Approved
13	Complete	2/6/03	2/20/03	4/18/03	2/21/03	6/6/03	9/1/2004	Approved
14	Complete	1/8/03	1/15/03	3/14/03	11/12/02	8/29/03	10/30/2003	Approved
15	Complete	2/26/03	N/A	N/A	2/21/03	6/6/03	8/29/2003	Approved
16	Complete	2/26/03	N/A	N/A	2/28/03	6/6/03	8/29/2003	Approved
17	Complete	1/8/03	1/15/03	N/A	2/14/03	5/5/03	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.

**SHADED AREAS REPRESENTS COMPLETION**

All applications are approved.

Batch Descriptions	
1 1st / Alameda	10 3rd / Ford
2 Alameda / Temple	3rd / McDonnell
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 / Dreways to Sheriff'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 / Rowan	15 1st / Santa Fe
8 3rd / Gage	1st / Myers
3rd / 60 Fwy WB Ramps	16 1st / MTA
3rd /Downey	1st / BNSF
	1st / Union Pacific

## CONTRACT C0802 STATUS

<b>Description: 101 Freeway Bridge Overcrossing</b>		<b>Contract No. C0802</b>					
<b>Contractor: Brutoco Engineering &amp; Construction</b>		<b>Status as of: March 2, 2007</b>					
<b>Progress/Work Completed:</b>  * Removal of false work under Bridge 2 (middle section) * Removal of false work under Bridge 3 (closest to Alameda Street) * Dry finish the bridge * Completed fabrication of bridge metal handrail * Held pre-turnover inspection with the C0803 contractor		<b>Major Activities (In Progress):</b>  * Bridge metal handrail installation * Developing and resolving punchlist * Allow access to the C0803 contractor for survey					
<b>Areas of Concern:</b>  None		<b>Major Activities Next Period:</b>  * Install joint seal assemblies * Complete installation of bridge metal handrail * Turn-over of bridge to the C0803 contractor to occur on 3/15/07					
<b>Schedule Summary:</b>			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award:	09/07/04	Notice to Proceed	09/22/04	0	09/22/04	09/22/04	0
Notice to Proceed:	09/22/04	Milestone 1 - Complete Abutment No. 10	06/26/06	49	08/14/06	03/15/07	-213
Original Contract Duration:	700 CD	Milestone 2- Complete All Work Without Plant Establishment	08/23/06	75	11/06/06	05/11/07	-186
Current Contract Duration:	775 CD						
Elapsed Time from NTP:	891 CD						
<b>Physical Percent Complete:</b>  Physical completion * as of this reporting period is: 98.88%  * Note: Physical completion assessment reflects work completed and invoice amount shown in Caltrans Monthly Progress/Expense Report No. 29.		<b>Cost Summary:</b>  1. Award Value: 6.42 2. Executed Modifications: 0.00 3. Approved Change Orders: 0.00 4. Current Contract Value (1+2+3): 6.42 5. Incurred Cost: 5.89					
		<b>\$ In millions</b>					

## CONTRACT C0803 STATUS

<b>Description: Tunnel, Stations, Trackwork &amp; Systems</b> <b>Contractor: Eastside LRT Constructors</b>		<b>Contract No. C0803</b> <b>Status as of: March 2, 2007</b>					
<b>Progress/Work Completed:</b> <ul style="list-style-type: none"> <li>* Poured 1000 feet of concrete for EB tunnel invert slab and 600 feet of walkway, east of Mariachi Plaza Station</li> <li>* Poured 1000 feet of concrete for WB tunnel invert slab and 600 feet of walkway, east of Mariachi Plaza Station</li> <li>* Completed Cross Passage (CP) No. 2 concrete structure</li> <li>* Completed CP No. 3 concrete invert slab</li> <li>* Completed CP No. 4 excavation</li> <li>* Completed street widening (south side) along Segments 2B</li> <li>* Completed U-channel excavation at Segment 5</li> <li>* Completed platform walls and started platform at Little Tokyo/Arts District Station</li> <li>* Completed excavation for Atlantic Station</li> <li>* Completed abutment foundation CIDH piles at 3rd Street &amp; 710 Freeway overcrossing</li> <li>* Submitted for review AFC design package for Indiana Station</li> <li>* Completed review of AFC design packages for Overhead Contact System, Guideway/Trackwork and Traction Power Substation site plans</li> </ul>		<b>Major Activities (In Progress):</b> <ul style="list-style-type: none"> <li>* Invert slab and walkway concrete pours in both tunnels</li> <li>* Walls &amp; crown at CP No. 3 and invert slab at CP No. 4</li> <li>* Roof shoring and roof concrete pours at the East Portal</li> <li>* Mariachi Plaza Stn. entrance excavation, and concrete exterior walls and hammerhead @ track level</li> <li>* Rebar and concrete pours at Soto Station entrance bottom slab</li> <li>* Little Tokyo/Arts District and Atlantic Stations construction</li> <li>* Street widening (north side) along Segment 2B</li> <li>* Street widening (south side) - Segments 6 and 7</li> <li>* Install sewer line 1st St. between Lorena &amp; Indiana Streets</li> <li>* 3rd Street &amp; 710 Frwy. overcrossing CIDH pile &amp; caps</li> <li>* U-channel retaining walls between Downey Rd. &amp; Mariana Av.</li> <li>* 100% design packages for Segments 3C (elect.) and 4B (civil), and for Train Control System</li> <li>* AFC design packages for Segments 3A &amp; 3B (civil), Segment 5 (civil) and Communications</li> </ul>					
<b>Areas of Concern:</b>  None		<b>Major Activities Next Period:</b> <ul style="list-style-type: none"> <li>* Placement of invert concrete slab and walkway in both tunnels</li> <li>* Complete Cross Passage Nos. 3 &amp; 4 concrete structure</li> <li>* Mariachi Plaza Stn. exterior wall concrete pours @ track level</li> <li>* Complete concrete pour for Soto Station entrance bottom slab</li> <li>* Install top platform deck at Little Tokyo/Arts District Station</li> <li>* Segments 2A &amp; 2B-1st Street widening (north side)</li> <li>* U-channel construction between Downey Rd. &amp; Mariana Av.</li> <li>* 3rd Street &amp; 710 Freeway overcrossing-bent footings &amp; piers</li> <li>* Atlantic Station TC&amp;C room construction</li> <li>* Segments 6 &amp; 7 - start guideway construction</li> <li>* Turn-over 101 Freeway bridge overcrossing to contractor</li> </ul>					
<b>Schedule Summary:</b>			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
Date of Award: 06/01/04		Notice to Proceed	07/01/04	0	07/01/04	07/01/04	0
Notice to Proceed: 07/01/04		Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.	12/31/08	7	01/07/09	01/07/09	0
Original Contract Duration: 1795 CD		Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	5	05/05/08	05/05/08	0
Current Contract Duration: 1800 CD		Milestone 5 - Vacate all staging areas and turn over to MTA.	05/30/09	5	06/04/09	06/04/09	0
Elapsed Time from NTP: 975 CD		Milestone 6 - Complete design and construction of Option O work.	09/28/04	0	09/28/04	09/28/04	0
Option D Contract duration 90 CD Complete							
<b>Physical Percent Complete:</b> Physical completion * as of this reporting period is: 46.62%  * Note: Physical completion assessment reflects work completed and work in progress.		<b>Cost Summary: \$ In millions</b> <ol style="list-style-type: none"> <li>Award Value: 600.45</li> <li>Executed Modifications: 3.64</li> <li>Approved Change Orders: 0.11</li> <li>Current Contract Value (1+2+3): 604.19</li> <li>Incurred Cost: 343.73</li> </ol>					



## CONTRACT E700051F STATUS

<b>Description: 1st Street Bridge Strengthening</b> <b>Contractor: The Griffith Company</b>		<b>Contract No. E700051F</b> <b>Status as of: March 2, 2007</b>					
<b>Progress/Work Completed:</b>  <ul style="list-style-type: none"> <li>* Issued Notice to Proceed (NTP)</li> <li>* Mobilization</li> <li>* Began processing submittals</li> </ul> <b>Areas of Concern:</b>  <ul style="list-style-type: none"> <li>* The contractor needs to obtain a "Right-of- Entry" authorization from the Railroads as required by the Construction &amp; Maintenance Agreements prior to any physical construction.</li> </ul>		<b>Major Activities (In Progress):</b>  <ul style="list-style-type: none"> <li>* Preparation of demolition plan</li> <li>* Preparation of Railroads right-of-way work plan</li> <li>* Preparation of traffic control plan</li> <li>* Setting up lay down yard</li> </ul> <b>Major Activities Next Period:</b>  <ul style="list-style-type: none"> <li>* Placement of K-rail on bridge</li> <li>* Start falsework placement</li> <li>* Baseline schedule submittal</li> </ul>					
<b>Schedule Summary:</b>  Date of Award: 01/19/07 Notice to Proceed: 02/06/07 Original Contract Duration: 224 CD Current Contract Duration: 224 CD Elapsed Time from NTP: 24 CD			Original Contract Dates	Time Extension	Current Contract	Forecast	Variance CDs
		Notice to Proceed	02/09/07	0	02/06/07	02/06/07	0
		Milestone 1 - Substantial Completion	09/24/07	0	09/18/07	09/18/07	0
<b>Physical Percent Complete:</b>  Physical completion as of this reporting period is: 0.00%		<b>Cost Summary: \$ In millions</b> 1. Award Value: * 4.26 2. Executed Modifications: 0.00 3. Approved Change Orders: 0.00 4. Current Contract Value (1+2+3): 4.26 5. Incurred Cost: 0.00  * City of Los Angeles					

## CONTRACT P2550 STATUS

<b>Description: 2550 Rail Vehicle Program</b> <b>Contractor: AnsaldoBreda, Italy</b>		<b>Contract No. P2550</b> <b>Status as of: March 2, 2007</b>				
<b>Progress/Work Completed:</b> 1. Vehicle coupled Testing continued for the two (early delivery) 2550 LRV's. The two coupled LRV's continue to be tested successfully on the Green Line and Blue Line. When complete they will be transported to the Pittsburg final assembly plant for upgrade to production configuration. 2. The Contractor's Pittsburg, California plant has received eighteen carshells (nine "A" & eight "B") shipped from Pistoia, Italy. Vehicle final assembly work is in process. Shipments of the required final assembly parts continue to arrive in Pittsburg, CA. 3. LRV shipment No. 10 arrived in Pittsburg on Jan. 11, 2007. 4. Production LRV 3 arrived at L.A. Metro Feb. 28, 2007. 5. The Metro-initiated "Interim Buy America Report" was delivered to FTA.  <b>Areas of Concern:</b> 1. The lack of documentation submittals is improving. Metro approvals are pending for the submittals received. 2. Metro's contract cash flow consumption is less than anticipated. Staff additions at AB are starting to bring consumption up to date. 3. Metro pressing AB to ship multiples of car shells to Pittsburg in order to benefit from shipment economies of scale. 4. AnsaldoBreda has notified Metro that It will being to utilize American flagships for cartage in order to comply with Metro Contract direction. Notification pending actual demonstrated activity.		<b>Major Activities (In Progress):</b> 1. AnsaldoBreda's manufacturing plants in Pistoia and Naples, Italy continue to prepare carshells and subassemblies for shipment to their final assembly plant in Pittsburg, California. 2. AnsaldoBreda is testing the "prototype" LRVs in coupled operations in Los Angeles. 3. Track layout and signal system testing continues with prototype LRVs coupled.  <b>Major Activities Next Period:</b> 1. LRV "prototype" will be sent to Pittsburg, CA for re-manufacture. 2. The IPT continues to closely monitor all performance activities. 3. Weekly teleconferences continue to monitor production issues. 4. Shipments of car and system components to the Pittsburg plant continue. 5. AB engineering staff in Los Angeles for long term assignments in support of LRV final assembly and delivery to Metro. 6. Additional LRV Production Vehicle to be delivered to Metro in early Mar. 2007.				
			Original Contract Dates	Assembled	Current Contract	Balance Due
<b>Schedule Summary:</b> Date of Award: 04/24/03 Notice to Proceed: 06/06/03  Original Contract Duration: 1470 CD Current Contract Duration: 2075 CD Elapsed Time from NTP: 1367 CD  Note: MTA issued Modification No. 1 to AnsaldoBreda. Modification No. 1 is a zero-cost, miscellaneous administrative and technical clarification modification. MTA completed Modification No. 2 that reflects the recently granted California Board Of Equalization exemption for State Sales Tax on the Light Rail Vehicles. MTA and AnsaldoBreda agreed to Mod No. 3 which extended the Option One ordering period from April 2006 to April 2007, effective March 14, 2006.		Notice to Proceed	6/6/2003A			
		100 LRV Roofs Assemblies (A&B)		100	100 Roofs	0 roofs
		100 LRV Underfloor Assemblies (A&B)		84	100 U/F	6 U/F
		100 LRV U/F Center Sections (A&B)		100	100 U/F CC	0 U/F CC
		100 Side Wall Sets (A&B)		80	100 SW	20 SW
		150 Truck Assemblies		55	150 TA	95 TA
		LRVs Delivered to Final Assembly Facility		9	50 LRV	41 LRV
		LRV Delivered to Commissioning Site-LACMTA		3	50 LRV	47 LRV
		LRV Accepted for Revenue Service by LACMTA		0	50 LRV	50 LRV
<b>Physical Percent Complete:</b>  Physical Work completion* as of January 2007 is 79.95%  Percent Work Product Invoiced** through January 2007 is 35.98%  * Note: Physical Work completion assessment reflects work completed and work in progress.  **Reflects percent of Contract price invoiced and paid to date.		<b>Cost Summary: \$ In millions</b> 1. Award Value: Pasadena (Proj. No.: 800151) 126.99  Eastside Ext. (Proj. No.: 800088) 31.75 Total Award Value 158.74 2 Executed Modifications 0.00 3 Approved Change Orders: 0.00 4 Current Contract Value (1 + 2 + 3): 158.74 5 Payments or invoices in process: 57.12				

## **CONSTRUCTION PHOTOGRAPHS**



Construction of the Atlantic Station TC&C room.



Set up of the rail welding facility on 3<sup>rd</sup> Street.

## **CONSTRUCTION PHOTOGRAPHS**



Concrete placement of the invert slab within the eastbound tunnel.

## **CONSTRUCTION PHOTOGRAPHS**



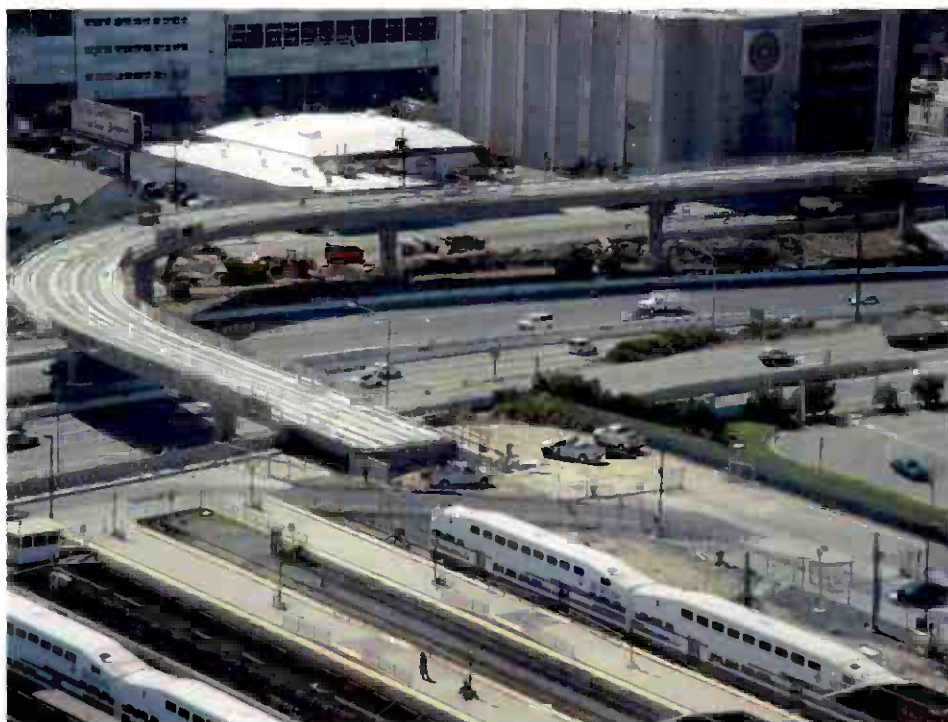
Construction of the north wall for Boyle Heights/Mariachi Plaza Station.



## **CONSTRUCTION PHOTOGRAPHS**



Concrete placement of the Little Tokyo/Arts District Station platform.



US 101 Freeway LRT Bridge Overcrossing.

## **CONSTRUCTION PHOTOGRAPHS**



Entrance to Cross-passage No. 2 for the westbound tunnel.



## **CONSTRUCTION PHOTOGRAPHS**



Construction of a pedestrian crosswalk at the intersection of 3<sup>rd</sup> Street and Woods Avenue.



Construction of the retaining walls for the U-Channel on 3<sup>rd</sup> Street.



## **APPENDIX**

### **COST AND BUDGET TERMINOLOGY**

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

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

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

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

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

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

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

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

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

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

**APPENDIX  
LIST OF ACRONYMS**

AFE	Authorization For Expenditure
ATC	Automatic Train Control
CADD	Computer Aided Drafting and Design
CALTRANS	California Department of Transportation
CD	Calendar Day
CM	Construction Manager
CMAQ	Congestion Mitigation Air Quality
CN	Change Notice
CO	Change Order
CNFGA	Concurrent Non-FFGA Project Activities
CPM	Critical Path Method
CPUC	California Public Utilities Commission
CR	Camera Ready
CTC	California Transportation Commission
CUD	Contract Unit Description
DB	Design/Build
DBB	Design/Bid/Build
DD	Design Development
DOT	Department of Transportation
DWP	Department of Water and Power
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPBM	Earth Pressure Balance Machine
ESP	Eastside LRT Partners
FAR	Federal Acquisition Regulation
FD	Final Design
FEIS	Final Environmental Impact Statement
FEIR	Final Environmental Impact Report
FFGA	Full Funding Grant Agreement
FIS	Financial Information System
FSEIR	Final Supplemental Environmental Impact Report
FSEIS	Final Supplemental Environmental Impact Statement
FTA	Federal Transit Administration
FTE	Full Time Equivalent
GDSR	Geotechnical Design Summary Report
IFB	Invitation for Bid
IPO	Integrated Project Office
JV	Joint Venture
LA	Los Angeles
LABOE	Los Angeles Bureau of Engineering
LACFCD	Los Angeles County Flood Control District
LACMTA	Los Angeles County Metropolitan Transportation Authority
LADOT	Los Angeles Department of Transportation

**APPENDIX**  
**LIST OF ACRONYMS (Continued)**

LADPW	Los Angeles Department of Public Works
LADWP	Los Angeles Department of Water and Power
LAUSD	Los Angeles Unified School District
LNTP	Limited Notice To Proceed
LONP	Letter Of No Prejudice
LRT	Light Rail Transit
LRTP	Long Range Transportation Plan
LRV	Light Rail Vehicle
MIS	Major Investment Study
MPSR	Monthly Project Status Report
N/A	Not Applicable
NEPA	National Environmental Protection Act
NPDES	National Pollution Discharge Elimination System
NTE	Not to Exceed
NTP	Notice To Proceed
OCIP	Owner-Controlled Insurance Program
P3	Primavera Project Planner® (scheduling software)
PC	Project Control
PE	Preliminary Engineering
PEER	Permit Engineering Evaluation Report
PGL	Pasadena Gold Line
PIP	Project Implementation Plan
PM	Project Manager
PMA	Project Management Assistance
PMIP	Project Management Implementation Plan
PMOC	Project Management Oversight Consultant
PMP	Project Management Plan (manual)
P&P	Policies & Procedures
PR	Project Report
PSR	Project Study Report
QA	Quality Assurance
QAR	Quality Assurance Report
QC	Quality Control
QPSR	Quarterly Project Status Report
RAC	Review Advisory Committee
RAG	Rail Activation Group
RFC	Request For Change
RFP	Request For Proposal
ROD	Record Of Decision
ROD	Revenue Operations Date
ROM	Rough Order of Magnitude

**APPENDIX**  
**LIST OF ACRONYMS (Continued)**

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