

Metro Gold Line Eastside Extension



METRO GOLD LINE EASTSIDE EXTENSION

QUARTERLY PROJECT STATUS REPORT

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U. S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND FUNDS FROM THE STATE OF CALIFORNIA.

JUNE 2011

TABLE OF CONTENTS

	Page No.
Project Overview & Status.....	1
Management Issues.....	1
Project Status	
• Project Cost Status.....	2-3
• Financial/Grant Status.....	4
Contract C0803 Status	5
Contract C0933 Status	6
Contract P2550 Status	7
Appendice.....	8

PROJECT OVERVIEW & STATUS

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 travels over the State Route 101 Freeway and traverses the existing 1st Street Bridge over the Los Angeles River. The system travels south on Alameda Street and then east on 1st Street with two stations at Alameda and Utah Streets. East of the Los Angeles River and 1st and Utah Streets, the alignment transitions to tunnel for approximately 1.7 miles, and continues beneath 1st Street to underground stations at 1st Street and Boyle Avenue and 1st Street and Soto Street. The alignment returns to the surface near the intersection of 1st Street and Lorena Streets, then jogs to the south, transitioning to follow 3rd Street with stations at Indiana Street, Ford Boulevard, Mednik Avenue and Pomona and Atlantic Boulevards.

The Division 21 Body Repair Shop contractor completed the scope of work sufficiently to achieve Substantial Completion on June 3, 2011. Inside the building, the contractor completed installation and testing of electrical and mechanical equipment, car and truck repair hoists and turntables, building finishes and rail installation. Metro Maintenance completed track installation outside the building and contractor crews completed sidewalks, curb and gutters, and parking facilities. Testing of the hoists with a P2550 Light Rail Vehicle was successfully performed on June 3, 2011.

The C0803 contractor (ELRTC) has continued to closeout open items throughout the alignment. Submittals of "as-built" drawings and documentation are nearing completion. Metro and the ELRTC continue the process of closing out the contract.

MANAGEMENT ISSUES

No Management Issues for the period ending June 2011.

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	-	648,310	10	646,776	507	639,476	-	648,310	-
S	SPECIAL CONDITIONS	19,494	-	58,867	144	55,163	1,236	50,833	-	58,867	-
R	RIGHT-OF-WAY	40,358	-	37,889	-	37,889	(57)	37,563	-	37,889	-
P	PROFESSIONAL SERVICES	135,304	-	140,911	42	140,930	448	139,339	-	140,911	-
PC	PROJECT CONTINGENCY	60,254	-	2,700	-	-	-	-	-	2,700	-
PR	PROJECT REVENUE	(4,617)	-	(4,662)	-	(4,662)	-	(4,662)	-	(4,662)	-
SUBTOTAL		884,014	0	884,014	196	876,096	2,134	862,649	0	884,014	0
PF	PROJECT FINANCE COST	14,800	-	14,800	-	11,080	-	11,080	-	14,800	-
TOTAL		898,814	0	898,814	196	887,176	2,134	873,629	0	898,814	0

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2011

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 remain the same at \$898.8 million.

Commitments

The Commitments increased by a total of \$0.2 million this period primarily for the Maintenance Facility, 3rd Party Master Cooperative Agreements with the City of LA, Design Support During Construction, and Construction Management Services. The \$887.2 million in Commitments to date represents 98.7% of the Original Budget.

Expenditures

Expenditures are cumulative through May 2011. The Expenditures increased by a total of \$2.1 million this period. In the Construction element there was an increase of \$0.5 million for costs associated with Contract C0803 – Tunnel, Stations, Trackwork and Systems; and, the Maintenance Facility. In the Special Conditions element there was an increase of \$1.2 million for costs associated with 3rd Party Master Cooperative Agreements and Metro Operations Post Rod Activities. In the Right of Way element there was a decrease of \$0.1 million for a reimbursement from the County of LA. In the Professional Services element there was an increase of \$0.4 million for costs associated with Metro Project Administration, Design Support During Construction, Construction Management Services, Vehicle Consultants, and Auditing Services. The \$873.6 million in Expenditures to date represents 97.2% of the Original Budget.

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	-	49,649	(169)	48,769	-	48,280	-	49,649	-
S	SPECIAL CONDITIONS	-	-	3,244	-	2,722	-	2,710	-	3,244	-
R	RIGHT-OF-WAY	-	-	648	-	349	(1)	317	-	648	-
P	PROFESSIONAL SERVICES	-	-	4,307	(7)	6,693	93	6,347	-	4,307	-
PC	PROJECT CONTINGENCY	-	-	2,143	-	-	-	-	-	2,143	-
PR	PROJECT REVENUE	-	-	(4,087)	951	(3,921)	(900)	(3,912)	-	(4,087)	-
	SUBTOTAL	18,000	-	55,903	775	54,612	(808)	53,742	-	55,903	-
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
	TOTAL	18,000	-	55,903	775	54,612	(808)	53,742	-	55,903	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2011

PROJECT COST ANALYSIS

Original Budget

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

Current Budget and Current Forecast

The Current Budget and Forecast remain the same at \$55.9 million.

Commitments

The Commitments increased by \$0.8 million due to less than anticipated reimbursement for betterments. The \$54.6 million in Commitments to date represents 97.7% of the Current Budget.

Expenditures

Expenditures are cumulative through May 2011. Overall the Expenditures decreased by a net of \$0.8 million this period mainly for a reimbursement of \$0.9 million from the City of Los Angeles for betterments performed by Eastside LRT Constructors. The \$53.7 million in Expenditures to date represents 96.1% of the Current Budget.

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

June 2011

FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES

JUNE 2011		STATUS OF FUNDS BY SOURCE									
SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANTICIPATED	(C) TOTAL FUNDS AVAILABLE	(D) \$	(D/B) COMMITMENTS %	(E) \$	(E/B) EXPENDITURES %		(F) BILLED TO FUNDING SOURCE \$	(F/B) %	
FEDERAL - SECTION 5309 NEW START	\$490.700	\$490.700	\$490.700	\$482.806	98%	\$469.259	96%	{1}	\$468.999	96%	
FED - SECTION 5309 FIXED GUIDEWAY	\$23.100	\$12.000	\$12.000	\$12.000	100%	\$12.000	100%		\$12.000	100%	
FEDERAL - CMAQ	\$10.300	\$10.300	\$10.276	\$10.276	100%	\$10.276	100%		\$10.276	100%	
REGIONAL IMPROVEMENT PROG - FED	\$179.600	\$4.600	\$4.600	\$4.600	100%	\$4.600	100%		\$4.600	100%	
REGIONAL IMP PROG - STATE	\$0.600	\$175.600	\$175.600	\$175.600	100%	\$175.600	100%		\$175.600	100%	
STATE TCRP	\$45.000	\$45.000	\$45.000	\$45.000	100%	\$45.000	100%		\$45.000	100%	
PROP A 35% / PROP C 40%/PROP 25%	\$124.614	\$135.714	\$135.714	\$135.714	100%	\$135.714	100%		\$135.714	100%	
LEASE REVENUES	\$10.100	\$10.100	\$10.100	\$10.100	100%	\$10.100	100%		\$10.100	100%	
ACCRUALS											
SUB-TOTAL	\$884.014	\$884.014	\$883.990	\$876.096	99%	\$862.549	98%		\$862.289	98%	
PROP A / PROP C (INTEREST COST)	\$14.800	\$14.800	\$11.080	\$11.080	75%	\$11.080	75%		\$11.080	75%	
TOTAL	\$898.814	\$898.814	\$895.070	\$887.176	99%	\$873.629	97%		\$873.369	97%	

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2011.

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

JUNE 2011		STATUS OF FUNDS BY SOURCE							
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%	\$14.000	\$23.494	\$23.494	\$23.494	100%	\$23.494	100%	\$23.494	100%
PROP C 10%	\$4.000	\$4.400	\$4.400	\$4.400	100%	\$4.400	100%	\$4.400	100%
STATE TCR	\$0.000	\$24.086	\$24.086	\$24.086	100%	\$24.086	100%	\$24.086	100%
PROP A 35%	\$0.000	\$3.923	\$3.923	\$2.632	67%	\$1.762	45%	\$1.417	36%
TOTAL	\$18.000	\$55.903	\$55.903	\$54.612	98%	\$53.742	96%	\$53.397	96%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2011.

CONTRACT C0803 STATUS

Description: Tunnel, Stations, Trackwork & Systems Contractor: Eastside LRT Constructors		Contract No. C0803 Status as of: July 1, 2011					
Progress/Work Completed: * Resolved open items throughout the alignment <							

CONTRACT C0933 STATUS

Description: Division 21 Body Shop Contractor: Ford E.C., Inc.	Contract No. C0933 Status as of: July 1, 2011																							
Progress/Work Completed: <ul style="list-style-type: none"> * Completed Main feeder conduit and wiring pull inside the building * Completed HVAC, lighting and plumbing * Completed installation and testing of car and truck repair hoists and turntables * Completed all building finishes * Completed painting * Completed track placement outside the building (by Metro) * Tested car and truck repair hoists with a Breda car * Completed paving and parking facilities * Achieved Substantial Completion on June 3, 2011 Areas of Concern: <ul style="list-style-type: none"> * None 	Major Activities (In Progress): <ul style="list-style-type: none"> * Testing fire alarms * Punch list and open items * Test reports * "As-builts" * Finalize contract modifications Major Activities Next Period: <ul style="list-style-type: none"> * OCS wiring and energizing (by Metro) * Complete punch list items * Contract modification for time extension * Contract closeout activities * Final Acceptance 																							
Schedule Summary:	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>Original Contract Dates</th> <th>Time Extension</th> <th>Current Contract</th> <th>Forecast / Actual</th> <th>Variance CDs</th> </tr> </thead> <tbody> <tr> <td>Notice to Proceed</td> <td>02/01/10</td> <td>0</td> <td>02/01/10</td> <td>02/01/10</td> <td>0</td> </tr> <tr> <td>Milestone 1 - Substantial Completion</td> <td>03/28/11</td> <td>0</td> <td>03/28/11</td> <td>06/03/11</td> <td>-67</td> </tr> </tbody> </table>							Original Contract Dates	Time Extension	Current Contract	Forecast / Actual	Variance CDs	Notice to Proceed	02/01/10	0	02/01/10	02/01/10	0	Milestone 1 - Substantial Completion	03/28/11	0	03/28/11	06/03/11	-67
	Original Contract Dates	Time Extension	Current Contract	Forecast / Actual	Variance CDs																			
Notice to Proceed	02/01/10	0	02/01/10	02/01/10	0																			
Milestone 1 - Substantial Completion	03/28/11	0	03/28/11	06/03/11	-67																			
Physical Percent Complete: Date of Award: 01/07/10 Notice to Proceed: 02/01/10 Original Contract Duration: 420 CD Current Contract Duration: 420 CD Elapsed Time from NTP: 516 CD Physical completion as of 6/30/11: 100.0% *	Cost Summary: \$ In millions <table style="width: 100%;"> <tbody> <tr> <td>1. Award Value:</td> <td style="text-align: right;">5.33</td> </tr> <tr> <td>2. Executed Modifications:</td> <td style="text-align: right;">0.48</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td style="text-align: right;">0.18</td> </tr> <tr> <td>4. Current Contract Value (1+2+3):</td> <td style="text-align: right;">5.99</td> </tr> <tr> <td>5. Incurred Cost:</td> <td style="text-align: right;">5.99</td> </tr> </tbody> </table>						1. Award Value:	5.33	2. Executed Modifications:	0.48	3. Approved Change Orders:	0.18	4. Current Contract Value (1+2+3):	5.99	5. Incurred Cost:	5.99								
1. Award Value:	5.33																							
2. Executed Modifications:	0.48																							
3. Approved Change Orders:	0.18																							
4. Current Contract Value (1+2+3):	5.99																							
5. Incurred Cost:	5.99																							
* Note: Physical completion assessment reflects work completed and work in progress.																								

CONTRACT P2550 STATUS

Description: 2550 Rail Vehicle Program Contractor: AnsaldoBreda, Italy (AB)		Contract No. P2550 Status as of: July 1, 2011			
Progress/Work Completed: 1. As of July 1, 2011 forty-six vehicles have been conditionally accepted by MTA. 2. Vehicle final assembly work continues in Pittsburg, CA. 3. Shipment of foreign and domestic parts for final assembly continue to arrive in Pittsburg and Los Angeles, CA. 4. Several Engineering meetings with AB and its subcontractors have been held during the period to evaluate progress and to close open items.		Major Activities (In Progress): 1. Pittsburg plant vehicle assembly work continues. Three vehicles remain and are under various level of assembly. 2. Daily/weekly project meetings are held to close open items. 3. Testing and acceptance of Vehicle 749 by end of July. 4. Other tests to be completed at MBL/Expo include qualification tests specific to ATP/TWC Systems and Trolley wire and current spikes at the Transit Mall. Major Activities Next Period: 1. Continue with Technical Progress meetings to emphasize resolution of remaining critical items for final acceptance of vehicles and contract closeout. 2. Meet with AB on regular basis discussing specifically parts shortages to support revenue fleet and production parts for vehicles remaining at the Pittsburg Assembly Plant. 3. Delivery schedule calls for 49th & 50th vehicle delivered to MGD L by first week of July 2011. 4. Prototype vehicles 701 and 702 are to be delivered to MGD L end of 2011.			
			Quantity	Contract Total Quantity	Balance Due
Schedule Summary: Date of Award: 04/24/03 Notice to Proceed: 06/06/03 Original Contract Duration: 1442 CD Elapsed Time from NTP: 2919 CD Note: A schedule of vehicle delivery has been submitted by AB with 50th (last) car delivered by December 2011.		Notice to Proceed 06/06/03			
		Vehicles Assembled (in US)	50	50	0
		Vehicles at Commissioning Sites - MGD L and MBL	47	50	3
		Vehicles Accepted for Revenue Service by Metro	46	50	4
Physical Percent Complete: Percent of LRVs assembled = 50/50 = 100% Percent Work Product Invoiced through July 1, 2011 is 73.67%		Cost Summary: \$ In millions 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: 116.95			

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.