

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.

DECEMBER 2010

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 C0893 Status	6
Contract C0933 Status	7
Contract P2550 Status	8
Appendice.....	9

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 is progressing according to plan. This period, the lift system vendor completed fabrication and testing of car and truck repair hoists and turntables, and the OCS subcontractor began fabrication of hardware. Construction crews completed OCS pole foundations and rough graded the track bed outside the main building. Inside the building, the contractor completed foundations for car and repair truck hoists as well as for turntables, and poured the trench pit walls and the floor slab. Also, installation of metal stud framing, lighting and plumbing began.

The C0803 contractor (ELRTC) has continued to close out 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.

The C0893 Atlantic/Pomona Parking Structure contractor and Metro successfully executed all remaining contract modifications. Contract closeout activities are on going.

MANAGEMENT ISSUES

No Management Issues for the period ending December 2010.

PROJECT COST STATUS

COST REPORT BY ELEMENT ORIGINAL SCOPE ACTIVITIES

DOLLARS IN THOUSANDS

ELE- MENT	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	(141)	656,042	824	637,577	-	648,310	-
S	SPECIAL CONDITIONS	19,494	-	58,867	592	55,030	371	49,455	-	58,867	-
R	RIGHT-OF-WAY	40,358	-	37,889	-	37,889	-	37,869	-	37,889	-
P	PROFESSIONAL SERVICES	135,304	-	140,911	72	141,205	823	138,405	-	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	-	884,014	524	885,503	2,019	858,644	-	884,014	-
PF	PROJECT FINANCE COST	14,800	-	14,800	(2,288)	10,519	(2,288)	10,519	-	14,800	-
TOTAL		898,814	-	898,814	(1,765)	896,022	(269)	869,162	-	898,814	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH NOVEMBER 2010

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 decreased by a net of \$1.8 million this period. In the Construction element there was a decrease of \$0.1 million primarily for executed modifications associated with Contract C0803 – Tunnel, Stations, Trackwork and Systems. In the Special Conditions element there was an increase of \$0.6 million for 3rd Party Master Cooperative Agreements with the City and County of LA. In the Professional Services element there was an increase of \$0.1 million for Design Support During Construction as related to the Division 21 Body Repair Shop. In the Project Finance Cost element there was a decrease of \$2.3 million that reflects interest income received. The \$896.0 million in Commitments to date represents 99.7% of the Original Budget.

Expenditures

Expenditures are cumulative through November 2010. The Expenditures decreased by a total of \$0.3 million this period. In the Construction element there was an increase of \$0.8 million for costs associated with Contract C0803 – Tunnel, Stations, Trackwork and Systems; the Maintenance Facility; and, the Light Rail Vehicles. In the Special Conditions element there was an increase of \$0.4 million for costs associated with 3rd Party Master Cooperative Agreements, and Metro Operations Post Rod Activities. In the Professional Services element there was an increase of \$0.8 million for costs associated with Metro Project Administration, Design Support During Construction, and Construction Management Services. In the Project Finance Cost element there was a decrease of \$2.3 million that reflects interest income received. The \$869.2 million in Expenditures to date represents 96.7% of the Original Budget.

PROJECT COST STATUS

COST REPORT BY ELEMENT CONCURRENT NON-FFGA PROJECT ACTIVITIES DOLLARS IN THOUSANDS

ELE- MENT	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	-	49,259	-	48,280	-	49,649	-
S	SPECIAL CONDITIONS	-	-	3,244	4	2,714	43	2,686	-	3,244	-
R	RIGHT-OF-WAY	-	-	648	-	349	-	317	-	648	-
P	PROFESSIONAL SERVICES	-	-	4,307	310	6,691	110	5,925	-	4,307	-
PC	PROJECT CONTINGENCY	-	-	2,143	-	-	-	-	-	2,143	-
PR	PROJECT REVENUE	-	-	(4,087)	-	(4,872)	-	(669)	-	(4,087)	-
SUBTOTAL		18,000	-	55,903	314	54,141	152	56,537	-	55,903	-
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
TOTAL		18,000	-	55,903	314	54,141	152	56,537	-	55,903	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH NOVEMBER 2010

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 \$0.3 million for mortuary services for the re-burial activities at Evergreen Cemetery and Metro Project Administration. The \$54.1 million in Commitments to date represents 96.8% of the Current Budget.

Expenditures

Expenditures are cumulative through November 2010. The Expenditures increased by \$0.2 million this period primarily for costs associated with mortuary services for the re-burial activities at Evergreen Cemetery and Metro Project Administration. The expenditures exceed the current budget because of the reimbursement of betterment work not yet received from the City and the County of L.A.

FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES

DECEMBER 2010

STATUS OF FUNDS BY SOURCE

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	\$490.700	\$490.700	\$481.117	\$490.700	100%	\$465.325	95%	(1) \$465.046	95%
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	\$137.227	101%	\$135.743	100%	\$135.743	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	\$874.407	\$885.503	100%	\$858.644	97%	\$858.365	97%
PROP A / PROP C (INTEREST COST)	\$14.800	\$14.800	\$10.519	\$10.519	71%	\$10.519	71%	\$10.519	71%
TOTAL	\$898.814	\$898.814	\$884.926	\$896.022	100%	\$869.163	97%	\$868.884	97%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH NOVEMBER 2010.

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

FINANCIAL/GRANT STATUS
CONCURRENT NON-FFGA PROJECT ACTIVITIES

DECEMBER 2010

STATUS OF FUNDS BY SOURCE

SOURCE	(A) APPROVED 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		\$4.400		\$4.400	
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	\$2.161	55%	\$4.557	116%	\$0.242	6%
TOTAL	\$18.000	\$55.903	\$55.903	\$54.141	97%	\$56.537	101%	\$52.222	93%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH NOVEMBER 2010.

EXPENDITURES EXCEED THE CURRENT BUDGET DUE TO REIMBURSEMENT OF BETTERMENT WORK NOT YET RECEIVED FROM THE CITY AND COUNTY OF LA

CONTRACT C0803 STATUS

Description: Tunnel, Stations, Trackwork & Systems Contractor: Eastside LRT Constructors		Contract No. C0803 Status as of: December 31, 2010					
Progress/Work Completed: * Resolved open items throughout the alignment * Executed contract modifications Areas of Concern: None		Major Activities (In Progress): * "As-built" submittals * Final Acceptance * Contract closeout Major Activities Next Period: * Approve "as-built" submittals * Contract closeout					
Schedule Summary: Date of Award: 06/01/04 Notice to Proceed: 07/01/04 Original Contract Duration: 1795 CD Current Contract Duration: 1887 CD Elapsed Time from NTP: 2375 CD Option D Contract duration 90 CD Complete			Original Contract Dates	Time Extension	Current Contract	Actual	Variance CDs
		Notice to Proceed	07/01/04	0	07/01/04	07/01/04	0
		Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.	12/31/08	91	04/01/09	11/15/09	-228
		Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	255	01/10/09	01/30/09	-20
		Milestone 5 - Vacate all staging areas and turn over to MTA.	05/30/09	92	08/30/09	09/30/10	-396
		Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0
Physical Percent Complete: Physical completion * as of this reporting period is: 100% * Note: Physical completion assessment reflects work completed and work in progress.		Cost Summary: \$ In millions 1. Award Value: 600.45 2. Executed Modifications: 18.65 3. Approved Change Orders: 0.00 4. Current Contract Value (1+2+3): 619.10 5. Incurred Cost: 609.04					

CONTRACT C0893 STATUS

Description: Pomona Atlantic Parking Structure Contractor: W. M. Klorman Construction Corp.	Contract No. C0893 Status as of: December 31, 2010																							
Progress/Work Completed: * Processed and executed remaining contract modifications * Released retention Areas of Concern: None	Major Activities (In Progress): * Contract closeout Major Activities Next Period: None																							
Schedule Summary: Date of Award: 12/15/08 Notice to Proceed: 01/14/09 Original Contract Duration: 400 CD Current Contract Duration: 456 CD Elapsed Time from NTP: 717 CD	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 15%;">Original Contract Dates</th> <th style="width: 15%;">Time Extension</th> <th style="width: 15%;">Current Contract</th> <th style="width: 15%;">Actual</th> <th style="width: 15%;">Variance CDs</th> </tr> </thead> <tbody> <tr> <td>Notice to Proceed</td> <td>01/14/09</td> <td>0</td> <td>01/14/09</td> <td>01/14/09</td> <td>0</td> </tr> <tr> <td>Milestone 1 - Substantial Completion</td> <td>02/18/10</td> <td>56</td> <td>04/15/10</td> <td>04/15/10</td> <td>0</td> </tr> </tbody> </table>							Original Contract Dates	Time Extension	Current Contract	Actual	Variance CDs	Notice to Proceed	01/14/09	0	01/14/09	01/14/09	0	Milestone 1 - Substantial Completion	02/18/10	56	04/15/10	04/15/10	0
	Original Contract Dates	Time Extension	Current Contract	Actual	Variance CDs																			
Notice to Proceed	01/14/09	0	01/14/09	01/14/09	0																			
Milestone 1 - Substantial Completion	02/18/10	56	04/15/10	04/15/10	0																			
Physical Percent Complete: Physical completion as of 7/01/10: 100% * * Note: Physical completion assessment reflects work completed and work in progress.	<table style="width: 100%;"> <tr> <td style="width: 80%;">Cost Summary:</td> <td style="width: 20%; text-align: right;">\$ In millions</td> </tr> <tr> <td>1. Award Value:</td> <td style="text-align: right;">8.15</td> </tr> <tr> <td>2. Executed Modifications:</td> <td style="text-align: right;">-0.07</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>4. Current Contract Value (1+2+3):</td> <td style="text-align: right;">8.07</td> </tr> <tr> <td>5. Incurred Cost:</td> <td style="text-align: right;">8.07</td> </tr> </table>						Cost Summary:	\$ In millions	1. Award Value:	8.15	2. Executed Modifications:	-0.07	3. Approved Change Orders:	0.00	4. Current Contract Value (1+2+3):	8.07	5. Incurred Cost:	8.07						
Cost Summary:	\$ In millions																							
1. Award Value:	8.15																							
2. Executed Modifications:	-0.07																							
3. Approved Change Orders:	0.00																							
4. Current Contract Value (1+2+3):	8.07																							
5. Incurred Cost:	8.07																							

CONTRACT C0933 STATUS

Description: Division 21 Body Shop Contractor: Ford E.C., Inc.		Contract No. C0933 Status as of: December 31, 2010					
Progress/Work Completed: * Completed grading outside the building * Poured OCS pole foundations * Poured turntables and truck and car repair foundations * Poured car and truck repair trench walls * Poured building main concrete slab * Installed caisson steel rings and hoists mounting plates * Completed fabrication of car and truck repair hoists and turntables * Approved hoist vendor shop test plan * Successfully tested hoists and turntables at the shop Areas of Concern: * None		Major Activities (In Progress): * Site fencing on top of CMU walls * Installation of perforated piping * Install anchor pots at car hoist areas * Main feeder conduit inside the building * Building metal stud framing * Lighting and plumbing * Fabricate OCS hardware * Deliver car and truck repair hoists and turntables Major Activities Next Period: * Ballast and sub-ballast installation outside the building * Install OCS hardware * Deliver Metro furnished track and rail * Install HVAC and other equipment inside the building * Building doors and windows * Building finishes * Building drywall * Install car and truck repair hoists and turntables * Place track and rail inside the building					
Schedule Summary: 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: 334 CD			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	05/11/11	-44
Physical Percent Complete: Physical completion as of 12/31/10: 67.8% * * Note: Physical completion assessment reflects work completed and work in progress.		Cost Summary: 1. Award Value: 5.33 2. Executed Modifications: 0.25 3. Approved Change Orders: 0.09 4. Current Contract Value (1+2+3): 5.67 5. Incurred Cost: 3.86 \$ In millions					

CONTRACT P2550 STATUS

Description: 2550 Rail Vehicle Program Contractor: AnsaldoBreda, Italy (AB)		Contract No. P2550 Status as of: December 31, 2010			
Progress/Work Completed: 1. As of December 31, 2010 forty-two 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. 6. Metro Management endorsed a plan to locate all P2550 vehicles at MGD and transfer all P2000 vehicles presently at MGD to MBL. The transfer is ongoing. 7. FTA/PMOC requested plan and schedule for final acceptance for ten (10) FFGA vehicles.		Major Activities (In Progress): 1. Pittsburg plant vehicle assembly work continues. Seven vehicles remain and are under various level of assembly. 2. Daily/weekly project meetings are held to close open items. 3. AnsaldoBreda Italy has delivered all 100 carshells (50 cars) to Pittsburg. 4. Testing and acceptance of Vehicle 732, 746, and 747 by end of quarter. Other tests remaining to be completed at MBL/MGL include qualification tests specific to ATP/TWC Systems and Trolley wire and current spikes at the Transit Mall. And, field testing of MGL ATP/TWC software. 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. Project Team to meet with AB on regular basis specifically for final closeout of ten (10) FFGA vehicles. 4. Project team to meet with AB on regular basis specifically on "missing" parts concerns for prototype vehicles 701 and 702. 5. Delivery schedule calls for 50th vehicle delivered to MGD in April 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: 2399 CD <					

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.