

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.

SEPTEMBER 2010

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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. The lift system shop drawings were reviewed and approved. The lift system vendor fabricated and delivered to the site the hoist caissons, which were set and secured in place after the concrete pads were poured. All equipment will be delivered by mid-November 2010. Construction crews completed underground utilities, installed a clarifier, erected a CMU retaining wall and graded the site outside the main building. Inside the building, the contractor installed a drainage system, placed a grounding grid, began rebar and forms for the car and repair truck hoists and turntables foundations and also for the trench pit walls. The CMU walls and concrete roof were completed for all three interior rooms.

The C0803 contractor (ELRTC) has completed relocating the train control relay cabinet case at 1st Street and Ditman Street, and continued working on completing open items throughout the alignment. Submittals of “as-built” drawings and documentation are nearing completion and the contractor demobilized from the site this period. Metro and the ELRTC continue the process of closing out the contract.

The C0893 Atlantic/Pomona Parking Structure contractor successfully completed resolution of open items and submitted all of the “as-built” documentation. Final acceptance was granted by Metro this period and both parties continue working to closeout the contract.

MANAGEMENT ISSUES

No Management Issues for the period ending September 2010.

PROJECT COST STATUS

COST REPORT BY ELEMENT ORIGINAL SCOPE ACTIVITIES DOLLARS IN THOUSANDS

ELEM- 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	(5,067)	656,182	1,766	636,752	-	648,310	-
S	SPECIAL CONDITIONS	19,494	-	58,867	285	54,438	90	49,083	-	58,867	-
R	RIGHT-OF-WAY	40,358	-	37,889	-	37,889	736	37,869	-	37,889	-
P	PROFESSIONAL SERVICES	135,304	-	140,911	3,083	141,133	1,029	137,582	-	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	(1,699)	884,980	3,620	856,625	-	884,014	-
PF	PROJECT FINANCE COST	14,800	-	14,800	1,144	12,807	1,144	12,807	-	14,800	-
TOTAL		898,814	-	898,814	(555)	897,787	4,764	869,431	-	898,814	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 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 \$0.6 million this period. In the Construction element there was a decrease of \$5.1 million primarily for the settlement agreement reached on January 2010 with AnsaldoBreda. In the Special Conditions element there was an increase of \$0.3 million for FY11 Metro Board approved budget for Metro Systems Integration Oversight/Pre-Revenue Operations. In the Professional Services element there was an increase of \$3.1 million for FY11 Metro Board approved budgets for Metro Project Administration, Design Support During Construction, Construction Management Services, and Vehicle Consultants. In the Project Finance Cost element there was an increase of \$1.1 million that reflects an interest payment. The \$897.8 million in Commitments to date represents 99.9% of the Original Budget.

Expenditures

Expenditures are cumulative through August 2010. The Expenditures increased by a total of \$4.8 million this period. In the Construction element there was an increase of \$1.8 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 \$0.1 million for costs associated with Environmental Compliance Services, 3rd Party Master Cooperative Agreements, and Metro Systems Integration Oversight/Pre-Revenue Operations. In the Right of Way element there was an increase of \$0.7 million for the purchase of a LADWP parcel and the final payment for the construction of the Ramona Opportunity High School. In the Professional Services element there was an increase of \$1.0 million for costs associated with Metro Project Administration, Design Support During Construction, Construction Management Services, Vehicle Consultants, and Auditing Services. In the Project Finance Cost element there was an increase of \$1.1 million that reflects an interest payment. The \$869.4 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	63	49,259	1,265	48,280	-	49,649	-
S	SPECIAL CONDITIONS	-	-	3,244	19	2,711	(23)	2,643	-	3,244	-
R	RIGHT-OF-WAY	-	-	648	-	349	7	317	-	648	-
P	PROFESSIONAL SERVICES	-	-	4,307	426	6,381	275	5,815	-	4,307	-
PC	PROJECT CONTINGENCY	-	-	2,143	-	-	-	-	-	2,143	-
PR	PROJECT REVENUE	-	-	(4,087)	-	(4,872)	-	(669)	-	(4,087)	-
SUBTOTAL		18,000	-	55,903	507	53,827	1,525	56,385	-	55,903	-
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
TOTAL		18,000	-	55,903	507	53,827	1,525	56,385	-	55,903	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 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 \$0.5 million primarily for the final payment for the construction of the Ramona Opportunity High School, Environmental Compliance Services, Metro Project Administration, and additional Photo Enforcement cameras. The \$53.8 million in Commitments to date represents 96.3% of the Current Budget.

Expenditures

Expenditures are cumulative through August 2010. The Expenditures increased by \$1.5 million this period primarily for costs associated with the relocation of the relay case, Pomona/Atlantic Parking Structure, final payment for the construction of the Ramona Opportunity High School, and Metro Project Administration. The expenditures exceed the current budget due to reimbursement of betterment work not yet received from the City and County of L.A.

FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES

SEPTEMBER 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%	\$463.306	94% (1)	\$462.283	94%
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	\$136.704	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	\$884.980	100%	\$856.625	97%	\$855.602	97%
PROP A / PROP C (INTEREST COST)	\$14.800	\$14.800	\$12.807	\$12.807	87%	\$12.807	87%	\$10.639	72%
TOTAL	\$898.814	\$898.814	\$887.214	\$897.787	100%	\$869.432	97%	\$866.241	96%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 2010.

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

FINANCIAL/GRANT STATUS
CONCURRENT NON-FFGA PROJECT ACTIVITIES

SEPTEMBER 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	\$22.400	\$22.400	\$22.400	100%	\$22.400	100%	\$22.400	100%
PROP C 10%	\$4.000	\$4.300	\$4.300	\$4.300		\$4.300		\$4.300	
STATE TCR	\$0.000	\$24.086	\$24.086	\$24.086	100%	\$24.086	100%	\$24.086	100%
PROP A 35%	\$0.000	\$5.117	\$5.117	\$3.041	59%	\$5.599	109%	\$1.194	23%
TOTAL	\$18.000	\$55.903	\$55.903	\$53.827	96%	\$56.385	101%	\$51.980	93%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH AUGUST 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: October 1, 2010					
Progress/Work Completed: * Relocated the Ditman Street relay case * Delivered spare parts and tools to Metro warehouse * Contractor completed demobilization from site Areas of Concern: None		Major Activities (In Progress): * Resolution of open items throughout the alignment * "As-built" submittals * Contract closeout Major Activities Next Period: * Approve "as-built" submittals * Final Acceptance * 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: 2284 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: 1. Award Value: 600.45 2. Executed Modifications: 18.81 3. Approved Change Orders: 0.00 4. Current Contract Value (1+2+3): 619.26 5. Incurred Cost: 608.45					

CONTRACT C0893 STATUS

Description: Pomona Atlantic Parking Structure Contractor: W. M. Klorman Construction Corp.		Contract No. C0893 Status as of: October 1, 2010					
Progress/Work Completed: * Completed punch list items * Plant establishment period completed * "As-built" submittals approved * Final Acceptance Areas of Concern: None		Major Activities (In Progress): * Contract closeout Major Activities Next Period: * Contract closeout					
Schedule Summary: Date of Award: 12/15/08 Notice to Proceed: 01/14/09 Original Contract Duration: 400 CD Current Contract Duration: 400 CD Elapsed Time from NTP: 626 CD			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	0	02/18/10	04/15/10	-56
Physical Percent Complete: Physical completion as of 7/01/10: 100% * * Note: Physical completion assessment reflects work completed and work in progress.		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: October 1, 2010					
Progress/Work Completed: * Finished CMU retaining wall * Finished all underground utilities outside the building * Installed gas line * Completed electrical work at the switchgear * Poured the west side 8 in. slab inside the building * Poured the roof on all 3 interior rooms * Excavated pit trenches for car and truck repair hoists * Poured turntables pads * Approved hoists and turntables shop drawings * Delivered and installed caissons for car and truck repair hoists Areas of Concern: * None		Major Activities (In Progress): * Grading outside the building * Installation of perforated piping * Rebar and forms for car and truck repair hoists pads * Rebar and forms for car and truck repair trench walls * Installation of caisson steel rings and hoists mounting plates * Placement of epoxy dowells at building main concrete slab * Fabrication of car and truck repair hoists and turntables * Reviewing hoist vendor shop test plan Major Activities Next Period: * OCS pole foundations * Fabricate and install OCS hardware * Pour car and truck repair hoists pads and trench walls * Pour building main concrete slab * Install anchor pots at car hoist areas * Place track and rail inside the building * Metal stud framing and drywall hanging inside building * Deliver and install car and truck repair hoists					
Schedule Summary:			Original Contract Dates	Time Extension	Current Contract	Forecast / Actual	Variance CDs
Date of Award: 01/07/10		Notice to Proceed	02/01/10	0	02/01/10	02/01/10	0
Notice to Proceed: 02/01/10		Milestone 1 - Substantial Completion	03/28/11	0	03/28/11	04/07/11	-10
Original Contract Duration: 420 CD							
Current Contract Duration: 420 CD							
Elapsed Time from NTP: 243 CD							
Physical Percent Complete: Physical completion as of 9/30/10: 50.6% *		Cost Summary: \$ In millions 1. Award Value: 5.33 2. Executed Modifications: 0.12 3. Approved Change Orders: 0.09 4. Current Contract Value (1+2+3): 5.54 5. Incurred Cost: 3.03					
* 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: October 1, 2010			
Progress/Work Completed: 1. As of September 30, 2010 thirty-nine vehicles have been 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, CA. 4. Several Engineering meetings with AB and its subcontractors have been held during the period to evaluate progress and to close open items. 5. Vehicle No. 703 is the next vehicle to be accepted in October. 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 funded cars.		Major Activities (In Progress): 1. Pittsburg plant continues vehicle assembly work. 2. Testing and acceptance of Vehicle 743 and 732 will commence at the Metro Blue Line to complete qualification tests specific to minimum S-curve and car pressurization (air leakage) along with ATP/TWC Systems and Trolley wire at the Transit Mall. 3. Vehicle 703 is in burn-in testing and is scheduled for acceptance mid-October. 3. Daily/weekly project meetings are held to close open items. 4. AnsaldoBreda Italy has delivered all 100 carshells (50 cars) to Pittsburgh. Major Activities Next Period: 1. Several Technical Progress meetings will be held to emphasize resolution of remaining critical items for final acceptance of vehicles and contract closeout. 2. Vehicles 703, 732, 744, and 745 are scheduled to be accepted by the end of December 2010. 3. Project Team to meet with AB on regular basis for final closeout of ten (10) FFGA cars.			
			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 Note: A schedule of vehicle delivery has been submitted by AB with 50th (last) car delivered by January 2011.		Notice to Proceed 6/6/2003A			
		Vehicles Assembled (in US)	50	50	0
		Vehicles at Commissioning Sites - MGD and MBL	41	50	9
		Vehicles Accepted for Revenue Service by Metro	39	50	11
Physical Percent Complete: Percent of LRVs assembled = 50/50 = 100% Percent Work Product Invoiced through October 1, 2010 is 69.8%		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: 110.77			

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.