

Metro Gold Line Eastside Extension



METRO GOLD LINE EASTSIDE EXTENSION

QUARTERLY PROJECT STATUS REPORT

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JUNE 2012

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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 C0803 contractor (ELRTC) completed closing out open items throughout the alignment and submitted a request for Final Acceptance on May 16, 2012. The Certificate of Final Acceptance was executed by Metro and the contractor on June 1, 2012. The contract is now closed.

Metro continues the process of closing out the few remaining items for the project.

MANAGEMENT ISSUES

No Management Issues for the period ending June 2012.

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	-	646,826	40	639,620	(4,102)	644,208	(4,102)
S	SPECIAL CONDITIONS	19,494	-	58,867	3,940	58,875	18	51,670	8	58,875	8
R	RIGHT-OF-WAY	40,358	-	37,889	-	37,889	-	37,687	-	37,889	-
P	PROFESSIONAL SERVICES	135,304	-	140,911	95	141,747	272	141,295	836	141,747	836
PC	PROJECT CONTINGENCY	60,254	-	2,700	-	-	-	-	(2,700)	-	(2,700)
PR	PROJECT REVENUE	(4,617)	-	(4,662)	-	(4,662)	-	(4,662)	-	(4,662)	-
SUBTOTAL		884,014	-	884,014	4,035	880,675	330	865,610	(5,957)	878,057	(5,957)
PF	PROJECT FINANCE COST	14,800	-	14,800	-	11,080	-	11,080	(3,720)	11,080	(3,720)
TOTAL		898,814	-	898,814	4,035	891,755	330	876,690	(9,677)	889,137	(9,677)

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2012

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 remains within the Board approved budget of \$898.8 million; however, there were a number of forecast changes within the Project Major Cost Elements. The Current Budget will be adjusted at final project closeout.

The Construction Cost Element has been decreased by \$4.1 million due to the following:

- Contract C0803 – Tunnel, Stations, Trackwork, & Systems: Decreased by \$1.1 million to reflect the closeout of all items on the “Open Items List”, the issuance of the Certificate of Final Acceptance, and the contract closeout value.
- Contract C0933 – Division 21 and Yard Modifications: Decreased by \$0.3 million to reflect contract closeout value.
- Contract P2550 – Rail Vehicle Program: Decreased by \$2.6 million to reflect the negotiated final contract value, as well as an allowance for spare parts.
- Field Office – Decreased by \$0.1 million to reflect the completion of all construction work and demobilization of the field office.

The Special Conditions Cost Element has been increased by \$8K due to the following:

- Master Cooperative Agreements: Decreased by \$1.1 million primarily due to less than anticipated costs from the City of Los Angeles.
- Utility Shared Incentive Program: Increased by \$1.2 million to reflect the final invoices from the Los Angeles Department of Water and Power (LADWP).

PROJECT COST ANALYSIS (Contd)

- Other minor increases/decreases: Net decrease of \$0.09 million to reflect contract closeout and final negotiated contract values.

The Professional Services Cost Element increased by \$0.8 million due to the following:

- Agency: Increased by \$0.1 million for continuation of administration support for the remaining project closeout phase.
- Eastside LRT Partners: Increased by \$0.9 million for continuation of Design Support During Construction for remaining support services required through project closeout.
- Jacobs Project Management Co. – Increased by \$0.1 million for continuation of Construction Management Support Services for remaining support services required through project closeout.
- Rail Vehicle Consultant: Increased by \$0.2 million to reflect the continued support required for the Rail Vehicle Program.
- Miscellaneous Specialty Services: Decreased by \$0.1 million to reflect less than anticipated costs.
- Community Relations: Decreased by \$0.1 million to reflect the less than anticipated costs associated with the potential impacts to the community.
- Quality Assurance: Decreased by \$0.1 million to reflect construction contract closeouts.
- Other minor increases/decreases: Net decrease of \$0.2 million to reflect contract closeout and final negotiated contract values.

The Project Contingency Cost Element decreased by \$2.7 million for the above listed changes.

The Project Finance Cost Element decreased by \$3.7 million to reflect the final cost.

Commitments

The Commitments increased by a total of \$4.0 million this period primarily for the final invoices from LADWP. The \$891.8 million in Commitments to date represents 99.2% of the Original Budget. The Commitments are currently higher than the Forecast due to a pending contract modification to reduce Contract P2550 – Rail Vehicle Program.

Expenditures

Expenditures are cumulative through May 2012. The Expenditures increased by a total of \$0.3 million this period primarily for costs associated with Metro Project Administration and Design Support During Construction. The \$876.7 million in Expenditures to date represents 97.5% 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	-	48,769	-	48,753	(880)	48,769	(880)
S	SPECIAL CONDITIONS	-	-	3,244	3	2,725	-	2,716	(518)	2,725	(518)
R	RIGHT-OF-WAY	-	-	648	-	349	-	316	(299)	349	(299)
P	PROFESSIONAL SERVICES	-	-	4,307	130	6,886	10	6,456	2,579	6,886	2,579
PC	PROJECT CONTINGENCY	-	-	2,143	-	-	-	-	(2,143)	-	(2,143)
PR	PROJECT REVENUE	-	-	(4,087)	6	(3,915)	(3)	(3,915)	172	(3,915)	172
SUBTOTAL		18,000	-	55,903	138	54,814	45	54,326	(1,089)	54,814	(1,089)
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
TOTAL		18,000	-	55,903	138	54,814	45	54,326	(1,089)	54,814	(1,089)

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2012

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 remains within the Board approved budget of \$55.9 million; however, there were a number of forecast changes within the Project Major Cost Elements. The Current Budget will be adjusted at final project closeout.

The Construction Cost Element has been decreased by \$0.9 million primarily for less than anticipated costs from the County of Los Angeles for photo enforcement; unused allowance for contract modifications for safety, operational enhancements, urban design, and the parking structure.

The Special Conditions Cost Element has been decreased by \$0.5 million primarily for less than anticipated costs from Southern California Edison and unused allowance for contract modifications for environmental mitigation associated with the crematorium and parking structure.

The Right-of-Way Cost Element has been decreased by \$0.3 million for less than anticipated costs for the lease of the interim parking.

The Professional Services Cost Element has been increased by \$2.6 million primarily for the Agency's continuation of administrative support for the remaining project closeout phase.

The Project Contingency Cost Element has been decreased by \$2.1 million for the above listed changes.

PROJECT COST ANALYSIS (Contd)

The Project Revenue has been increased to reflect the final amount of revenue.

Commitments

The Commitments increased by a total of \$0.1 million this period primarily for Agency's continuation of administrative support for the remaining project closeout phase. The \$54.8 million in Commitments to date represents 98.1% of the Current Budget.

Expenditures

Expenditures are cumulative through May 2012. The Expenditures increased by a total of \$45K this period primarily for costs associated with the photo enforcement. The \$54.3 million in Expenditures to date represents 97.2% of the Current Budget.

FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES

JUNE 2012

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	\$490.700	\$490.700	100%	\$490.700	100%	(1) \$490.700	100%
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%	\$127.434	94%	\$127.378	94%
LEASE REVENUES	\$10.100	\$10.100	\$10.100	\$6.785	67%	\$0.000	0%	\$0.000	0%
ACCRUALS									
SUB-TOTAL	\$884.014	\$884.014	\$883.990	\$880.675	100%	\$865.610	98%	\$865.554	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	\$891.755	99%	\$876.690	98%	\$876.634	98%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2012.

FINANCIAL/GRANT STATUS
CONCURRENT NON-FFGA PROJECT ACTIVITIES

JUNE 2012

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	\$2.834	72%	\$2.346	60%	\$2.293	58%
TOTAL	\$18.000	\$55.903	\$55.903	\$54.814	98%	\$54.326	97%	\$54.273	97%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2012.

Description: Tunnel, Stations, Trackwork & Systems Contractor: Eastside LRT Constructors		Contract No. C0803 Status as of: June 29, 2012					
Progress/Work Completed: * Resolved the last open item * Final Acceptance executed * Contract closed June 1, 2012 Areas of Concern: None		Major Activities (In Progress): None Major Activities Next Period: None					
Schedule Summary:			Original Contract Dates	Time Extension	Current Contract	Actual	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	319	11/15/09	11/15/09	0
Original Contract Duration:	1795 CD	Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	275	01/30/09	01/30/09	0
Current Contract Duration:	1964 CD	Milestone 5 - Vacate all staging areas and turn over to MTA.	05/30/09	457	08/30/10	08/30/10	0
Elapsed Time from NTP:	2893 CD	Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0
Option D Contract duration	90 CD Complete						
Physical Percent Complete:		Cost Summary: \$ In millions					
Physical completion * as of this reporting period is: 100%		1. Award Value: 600.45					
		2. Executed Modifications: 9.35					
		3. Approved Change Orders: 0.00					
		4. Current Contract Value (1+2+3): 609.80					
* Note: Physical completion assessment reflects work completed and work in progress.		5. Incurred Cost: 609.80					

CONTRACT P2550 STATUS

Description: 2550 Rail Vehicle Program Contractor: AnsaldoBreda, Italy (AB)		Contract No. P2550 Status as of: June 29, 2012			
Progress/Work Completed: 1. As of June 29, 2012 forty-eight (48) vehicles have been final accepted. 2. Several Engineering meetings with AB and its subcontractors continue to be held during the period to evaluate progress and to close open items.		Major Activities (In Progress): 1. Prototype vehicles 701 and 702 have been delivered to Los Angeles. Vehicles 701 and 702 are undergoing the commissioning process. 2. Daily/weekly project meetings are held to close open items. 3. Qualification of Event Recorder continues.			
		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 prototype vehicles.			
			Quantity	Contract Total Quantity	Balance Due
		Notice to Proceed 06/06/03			
		Vehicles Assembled (in US)	50	50	0
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		Vehicles at Commissioning Sites - MGD and MBL	50	50	0
		Vehicles Accepted for Revenue Service by Metro	48	50	2
Physical Percent Complete: Percent of LRVs assembled = 50/50 = 100% Percent Work Product Invoiced through June 29, 2012 is 76.73%		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: 121.80			

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.