

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.

MARCH 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 Division 21 Body Repair Shop contractor was granted final acceptance and the contract closed out in February 2012.

The C0803 contractor (ELRTC) has continued to closeout open items throughout the alignment and has one remaining item to closeout. Submittals of "as-built" drawings and documentation have been completed.

Metro continues the process of closing out the project.

MANAGEMENT ISSUES

No Management Issues for the period ending March 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	0	646,826	11	639,580	-	648,310	-
S	SPECIAL CONDITIONS	19,494	-	58,867	9	54,935	35	51,652	-	58,867	-
R	RIGHT-OF-WAY	40,358	-	37,889	-	37,889	-	37,687	-	37,889	-
P	PROFESSIONAL SERVICES	135,304	-	140,911	73	141,652	326	141,023	-	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	83	876,640	372	865,280	-	884,014	-
PF	PROJECT FINANCE COST	14,800	-	14,800	-	11,080	-	11,080	-	14,800	-
TOTAL		898,814	-	898,814	83	887,720	372	876,360	-	898,814	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 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 and Forecast remain the same at \$898.8 million.

Commitments

The Commitments increased by \$0.1 million this period primarily for adjustments made by the Metro Regional Program Management Department (Grants). The \$887.7 million in Commitments to date represents 98.8% of the Original Budget.

Expenditures

Expenditures are cumulative through February 2012. The Expenditures increased by a total of \$0.4 million this period primarily for costs associated with Metro Project Administration, Design Support During Construction, Construction Management Services, and Vehicle Consultants. The \$876.4 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

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	18,000	-	49,649	-	48,769	-	48,753	-	49,649	-
S	SPECIAL CONDITIONS	-	-	3,244	-	2,722	-	2,713	-	3,244	-
R	RIGHT-OF-WAY	-	-	648	-	349	-	316	-	648	-
P	PROFESSIONAL SERVICES	-	-	4,307	21	6,756	10	6,411	-	4,307	-
PC	PROJECT CONTINGENCY	-	-	2,143	-	-	-	-	-	2,143	-
PR	PROJECT REVENUE	-	-	(4,087)	-	(3,921)	-	(3,912)	-	(4,087)	-
SUBTOTAL		18,000	-	55,903	21	54,676	14	54,281	-	55,903	-
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
TOTAL		18,000	-	55,903	21	54,676	14	54,281	-	55,903	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 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 and Forecast remain the same at \$55.9 million.

Commitments

The Commitments increased by \$21K primarily for administration costs. The \$54.7 million in Commitments to date represents 97.8% of the Current Budget.

Expenditures

Expenditures are cumulative through February 2012. The Expenditures increased by \$14K this period for costs associated with Metro Project Administration. The \$54.3 million in Expenditures to date represents 97.1% of the Current Budget.

FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES

MARCH 2012

STATUS OF FUNDS BY SOURCE

SOURCE	(A)	(B)	(C)	(D)	(D/B)	(E)	(E/B)	(F)	(F/B)
	ORIGINAL BUDGET	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	\$	%	\$	%	BILLED TO FUNDING SOURCE \$	%
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%	\$127.104	94%	\$126.975	94%
LEASE REVENUES	\$10.100	\$10.100	\$10.100	\$2.750	27%	\$0.000	0%	\$0.000	0%
ACCRUALS									
SUB-TOTAL	\$884.014	\$884.014	\$883.990	\$876.640	99%	\$865.280	98%	\$865.151	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	\$887.720	99%	\$876.360	98%	\$876.231	97%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 2012.

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

MARCH 2012

STATUS OF FUNDS BY SOURCE

SOURCE	(A)	(B)	(C)	(D)	(D/B)	(E)	(E/B)	(F)	(F/B)
	ORIGINAL BUDGET	TOTAL FUNDS ANTICIPATED (1)	TOTAL FUNDS AVAILABLE	\$	%	\$	%	BILLED TO FUNDING SOURCE \$	%
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	\$2.696	69%	\$2.301	59%	\$2.247	57%
TOTAL	\$18.000	\$55.903	\$55.903	\$54.676	98%	\$54.281	97%	\$54.227	97%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 2012.

CONTRACT C0803 STATUS

<p>Description: Tunnel, Stations, Trackwork & Systems Contractor: Eastside LRT Constructors</p>	<p>Contract No. C0803 Status as of: March 30, 2012</p>																																									
<p>Progress/Work Completed:</p> <ul style="list-style-type: none"> * Resolved open items throughout the alignment * Completed "As-built" submittals <p>Areas of Concern:</p> <p>None</p>	<p>Major Activities (In Progress):</p> <ul style="list-style-type: none"> * Resolution of the last open item * Contract closeout activities <p>Major Activities Next Period:</p> <ul style="list-style-type: none"> * Final Acceptance * Contract closeout 																																									
<p>Schedule Summary:</p> <p>Date of Award: 06/01/04</p> <p>Notice to Proceed: 07/01/04</p> <p>Original Contract Duration: 1795 CD</p> <p>Current Contract Duration: 1964 CD</p> <p>Elapsed Time from NTP: 2830 CD</p> <p>Option D Contract duration 90 CD Complete</p>		<table border="1"> <thead> <tr> <th></th> <th>Original Contract Dates</th> <th>Time Extension</th> <th>Current Contract</th> <th>Actual</th> <th>Variance CDs</th> </tr> </thead> <tbody> <tr> <td>Notice to Proceed</td> <td>07/01/04</td> <td>0</td> <td>07/01/04</td> <td>07/01/04</td> <td>0</td> </tr> <tr> <td>Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.</td> <td>12/31/08</td> <td>319</td> <td>11/15/09</td> <td>11/15/09</td> <td>0</td> </tr> <tr> <td>Milestone 3 - Complete Universal Fare System Equipment area.</td> <td>04/30/08</td> <td>275</td> <td>01/30/09</td> <td>01/30/09</td> <td>0</td> </tr> <tr> <td>Milestone 5 - Vacate all staging areas and turn over to MTA.</td> <td>05/30/09</td> <td>457</td> <td>08/30/10</td> <td>08/30/10</td> <td>0</td> </tr> <tr> <td>Milestone 6 - Complete design and construction of Option D work.</td> <td>09/28/04</td> <td>0</td> <td>09/28/04</td> <td>09/28/04</td> <td>0</td> </tr> </tbody> </table>		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	319	11/15/09	11/15/09	0	Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	275	01/30/09	01/30/09	0	Milestone 5 - Vacate all staging areas and turn over to MTA.	05/30/09	457	08/30/10	08/30/10	0	Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0				
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<p>Physical Percent Complete:</p> <p>Physical completion * as of this reporting period is: 100%</p> <p>* Note: Physical completion assessment reflects work completed and work in progress.</p>	<p>Cost Summary: \$ In millions</p> <table border="0"> <tr> <td>1. Award Value:</td> <td>600.45</td> </tr> <tr> <td>2. Executed Modifications:</td> <td>9.49</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td>0.00</td> </tr> <tr> <td>4. Current Contract Value (1+2+3):</td> <td>609.94</td> </tr> <tr> <td>5. Incurred Cost:</td> <td>609.89</td> </tr> </table>						1. Award Value:	600.45	2. Executed Modifications:	9.49	3. Approved Change Orders:	0.00	4. Current Contract Value (1+2+3):	609.94	5. Incurred Cost:	609.89																										
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CONTRACT C0933 STATUS

<p>Description: Division 21 Body Shop Contractor: Ford E.C., Inc.</p>	<p>Contract No. C0933 Status as of: March 30, 2012</p>					
<p>Progress/Work Completed:</p> <p>* Final Acceptance</p> <p>* Contract closed out</p> <p>Areas of Concern:</p> <p>* None</p>	<p>Major Activities (In Progress):</p> <p>* None</p> <p>Major Activities Next Period:</p> <p>* None</p>					
<p>Schedule Summary:</p> <p>Date of Award: 01/07/10</p> <p>Notice to Proceed: 02/01/10</p> <p>Original Contract Duration: 420 CD</p> <p>Current Contract Duration: 487 CD</p> <p>Elapsed Time from NTP: 744 CD</p>		<p>Original Contract Dates</p>	<p>Time Extension</p>	<p>Current Contract</p>	<p>Forecast / Actual</p>	<p>Variance CDs</p>
	<p>Notice to Proceed</p>	<p>02/01/10</p>	<p>0</p>	<p>02/01/10</p>	<p>02/01/10</p>	<p>0</p>
	<p>Milestone 1 - Substantial Completion</p>	<p>03/28/11</p>	<p>0</p>	<p>06/03/11</p>	<p>06/03/11</p>	<p>0</p>
<p>Physical Percent Complete:</p> <p>Physical completion as of 6/30/11: 100.0% *</p> <p>* Note: Physical completion assessment reflects work completed and work in progress.</p>	<p>Cost Summary: \$ In millions</p> <p>1. Award Value: 5.33</p> <p>2. Executed Modifications: 0.74</p> <p>3. Approved Change Orders: 0.00</p> <p>4. Current Contract Value (1+2+3): 6.07</p> <p>5. Incurred Cost: 6.07</p>					

CONTRACT P2550 STATUS

Description: 2550 Rail Vehicle Program Contractor: AnsaldoBreda, Italy (AB)		Contract No. P2550 Status as of: March 30, 2012			
Progress/Work Completed: 1. As of March 30, 2012 forty-eight (48) vehicles have been final accepted. 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 continue to be held during the period to evaluate progress and to close open items.		Major Activities (In Progress): 1. Pittsburg plant vehicle assembly work continues. Two vehicles remain and are under various level of assembly. 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 vehicles remaining at the Pittsburg Assembly Plant. 3. Prototype vehicles 701 and 702 are to be delivered to MGD end of May 2012.			
			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 May 2012.		Notice to Proceed 06/06/03			
		Vehicles Assembled (in US)	50	50	0
		Vehicles at Commissioning Sites - MGD and MBL	48	50	2
		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 March 30, 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.