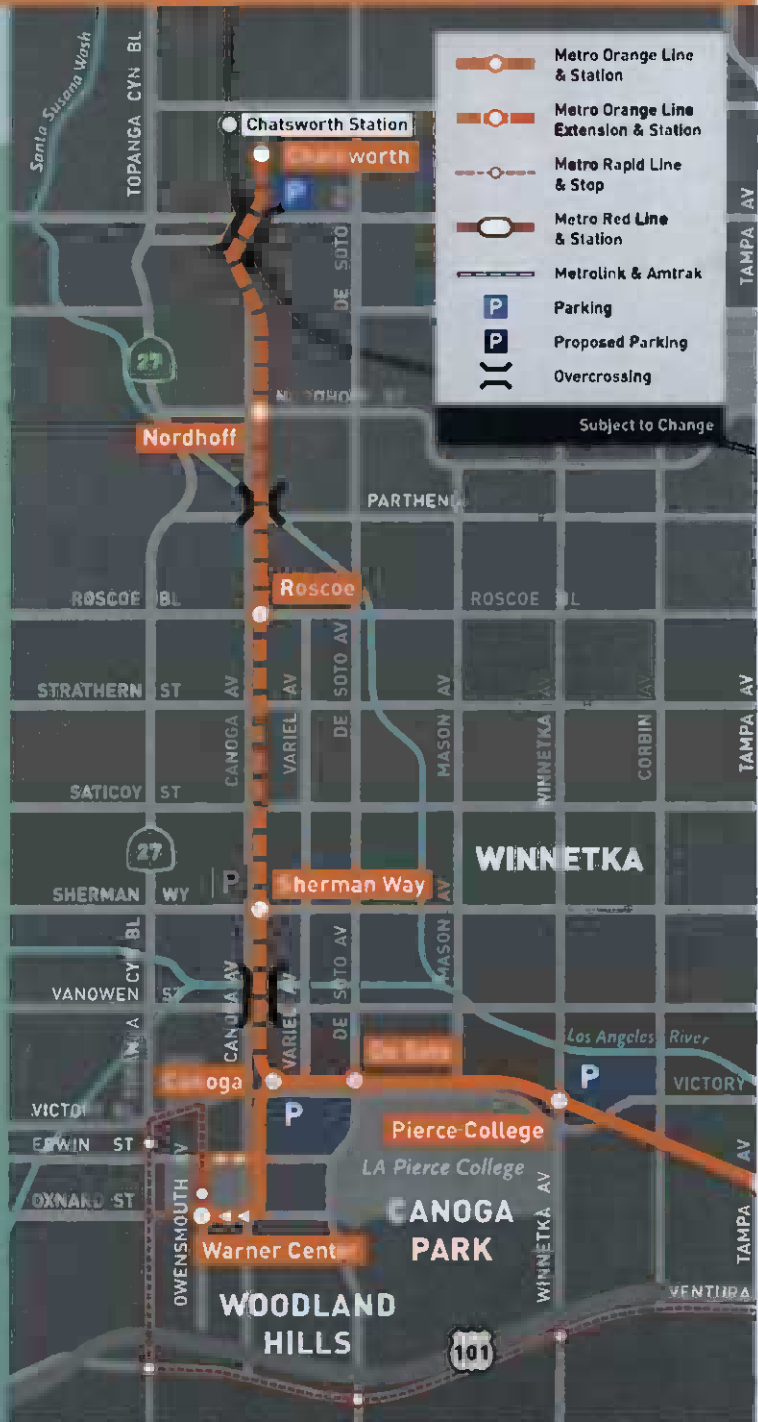


Metro Orange Line Extension

QUARTERLY PROJECT STATUS REPORT

DECEMBER 2010



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PROJECT OVERVIEW

The Metro Orange Line (MOL) Extension Project is a four-mile extension of the Metro Orange Line extending from the Canoga park-and-ride lot to the Chatsworth Metrolink Station. The Project includes: busway, new station platforms at the Canoga park-and-ride lot, new stations at Sherman Way (with park-and-ride), Roscoe Boulevard, Nordhoff Street, and the Chatsworth Metrolink Station (with park-and-ride); grade-separation structure over active railroad tracks and Lassen Street (Lassen bridge) providing direct access into the Chatsworth Metrolink Station; Los Angeles River and Santa Susana Wash bridge crossings; and satellite bus parking facility. The project also includes street improvements, bicycle/pedestrian path, systems equipment and landscaping similar to the MOL.

With the MTA Board adoption of the MOL Extension Project in January 2009, the Board directed staff to accelerate the completion of the Project to summer 2012.

Major Accomplishments:

- Constructed the north parking lot at Chatsworth station,
- Completed final design and obtained approvals of Lassen bridge,
- Relocated tracks and completed new rail signals (by Metrolink),
- Completed all real estate relocations and acquired easements from UP,
- Constructed the Privacy Fence at Chatsworth Mobile Home Park (CMHP),
- Removed known hazardous materials and demolished vacant structures,
- Constructed underground ducts on Lassen Street. Time Warner has relocated overhead communication lines to underground.
- Cleared and grubbed the right of way

The design builder, Brutoco Engineering & Construction, Inc, started on March 1, 2010 and is responsible for the construction of the Lassen bridge and Lassen Street improvements as well as for the design and construction of the remaining Project scope of work. The design builder has started:

- Construction of Abutments and Bent foundations of Lassen bridge,
- Removal of potentially contaminated soils and trees.
- Final design of the busway, street crossings, bikeway, stations and remaining bridges.
- Coordination with utility companies for utility relocation including relocation of DWP overhead power lines to underground on Lassen Street.

Other Project specific items required for revenue operations includes:

- Purchase and install fare collection equipment – The Contractor, Cubic Transportation Systems, Inc., has commenced purchase of long lead material and will begin assembly of required units in January 2011.
- Station Artwork – Artwork for five stations is in the design development phase.
- Vehicles – Operations, Central Maintenance Department, has completed the prototype Midlife Overhaul on the first Orange Line Bus and has completed procurements for major components including the engines. Starting in January, Central Maintenance will be completing two to three bus overhauls a month.

PROJECT OVERVIEW (Contd)

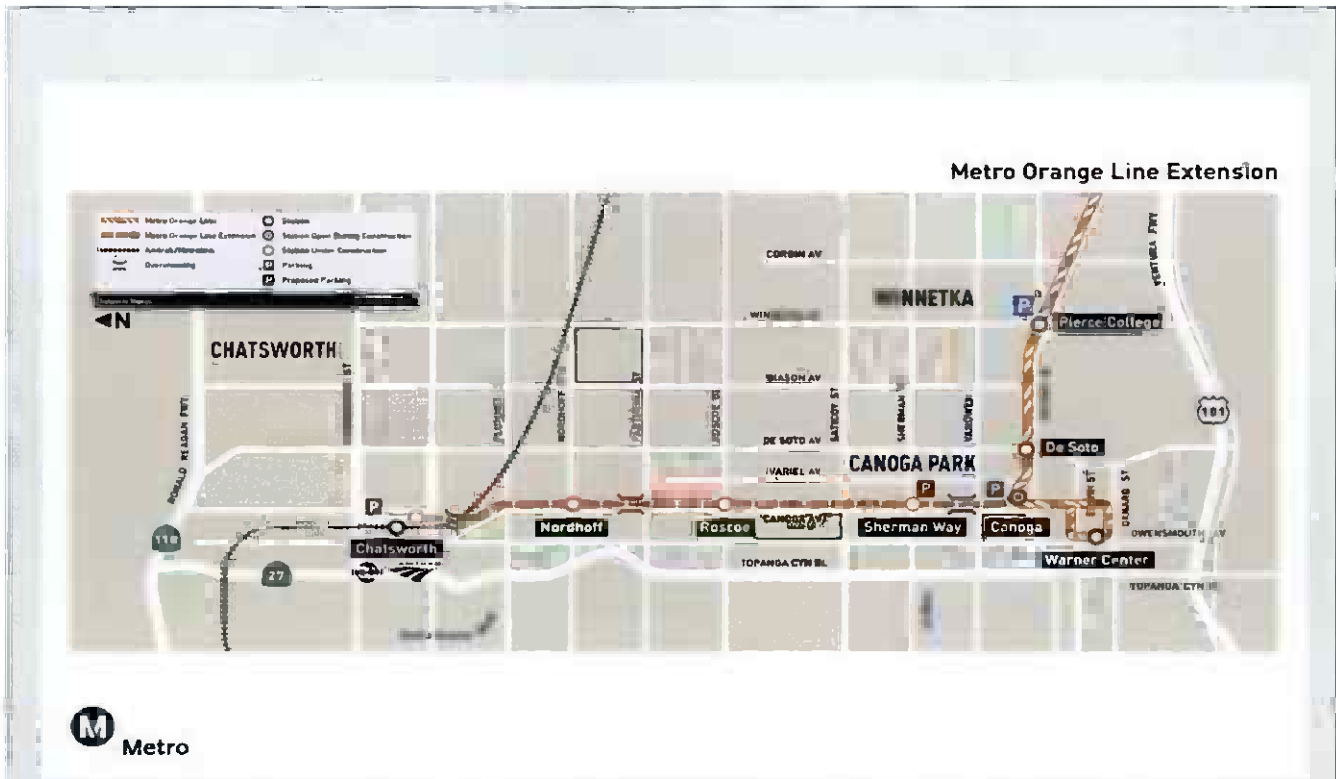
To date, commitments are \$117.0 million or 54.3% of the Original Budget. Expenditures are \$37.4 million or 17.4% of the \$215.6 million Original Budget. Design-builder's final design percent complete is 80% and construction physical percent complete is 8%.

MANAGEMENT ISSUES

Concern No. 1: The City of Los Angeles is requesting a design change in the bike path alignment and for MTA to maintain the landscaping along Canoga Avenue. The design builder has completed 85% design based on the previously approved bike path alignment. Changes would likely affect the design completion, and start of schedule critical utility relocation work and Canoga Avenue improvements.

Status/Action Metro and the City agreed to have the design builder proceed with the design per the original scope and alignment. However, Metro and the city are looking at landscape alternatives to reduce maintenance in the City Right-of-Way.

PROJECT SCOPE



C0943: Metro Orange Line Extension (MOL Ext) is a design-build contract to construct the majority of the Project scope of work. This contract will include design and construction of busway, new stations at Sherman Way (with park-and-ride), Roscoe Boulevard, Nordhoff Street, and Chatsworth Metrolink Station (with park-and-ride). The existing MOL Canoga park-and-ride lot will be modified with new station platforms. In addition, the contractor will design and construct approaches to the Lassen bridge, a bridge over the Los Angeles River, a smaller bridge over the Santa Susana Wash, street improvements, bicycle/pedestrian path, satellite bus parking facility, landscaping, systems equipment, and system integration and testing. In August 2009, the Lassen bridge (500' long 3-span bridge over active railroad tracks/Lassen Street) and Lassen Street Improvements were added to Contract C0943.





C0941: North Parking Lot (Chatsworth Station) is a construction contract for a new parking lot to be constructed north of the existing Chatsworth Metrolink Station. Completion of this lot is required before the south parking lot is modified to ensure that parking is continuously available for Metrolink patrons during construction of the MOL Extension.

Work Order – Advance Metrolink Rail Signal Modifications, Track Realignment, and At-Grade Lassen Crossing Enhancements is to be substantially completed by Metrolink in advance of the Design-Build Contractor commencing construction of portions of the Lassen bridge.

Work Order - Advance Relocation of power, fiber optic and communication lines on Lassen Street is to be completed by LADWP and the affected utility companies prior to the Design-Build Contractor commencing construction of portions of the Lassen bridge.

KEY MILESTONE SCHEDULE SIX-MONTH LOOK AHEAD

Milestone Date	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11
DESIGN of C0943						
Issue Approved For Construction Design Unit 4				■		
Issue Approved For Construction Design Unit 5				■		
Issue Approved For Construction Design Unit 2				■		
Issue Approved For Construction Design Unit 3					■	
Issue Approved For Construction Design Unit 1					■	
CONSTRUCTION of C0943						
Commenced LADWP Underground Relocation of Power Lines on Lassen Street	△					
Option C - Complete Underground Conduit System on Lassen Street	■					
Demo Existing L.A. River and Santa Susana Bridge Portion	■					
Commenced Formwork at Lassen St. Bridge Bent 3 and Abutment 4	■					
Commence Rough Grade and Storm Drain Work	■					
Complete Lassen St. Bridge Foundations at Abutment 1 and Bent 2		■				
Commence Lassen Bridge Falsework				■		

 MTA Staff
  MTA Board Action
 A following date is actual and completed
 Other Agencies
 Design Builder
 * New Date

SCHEDULE NARRATIVE

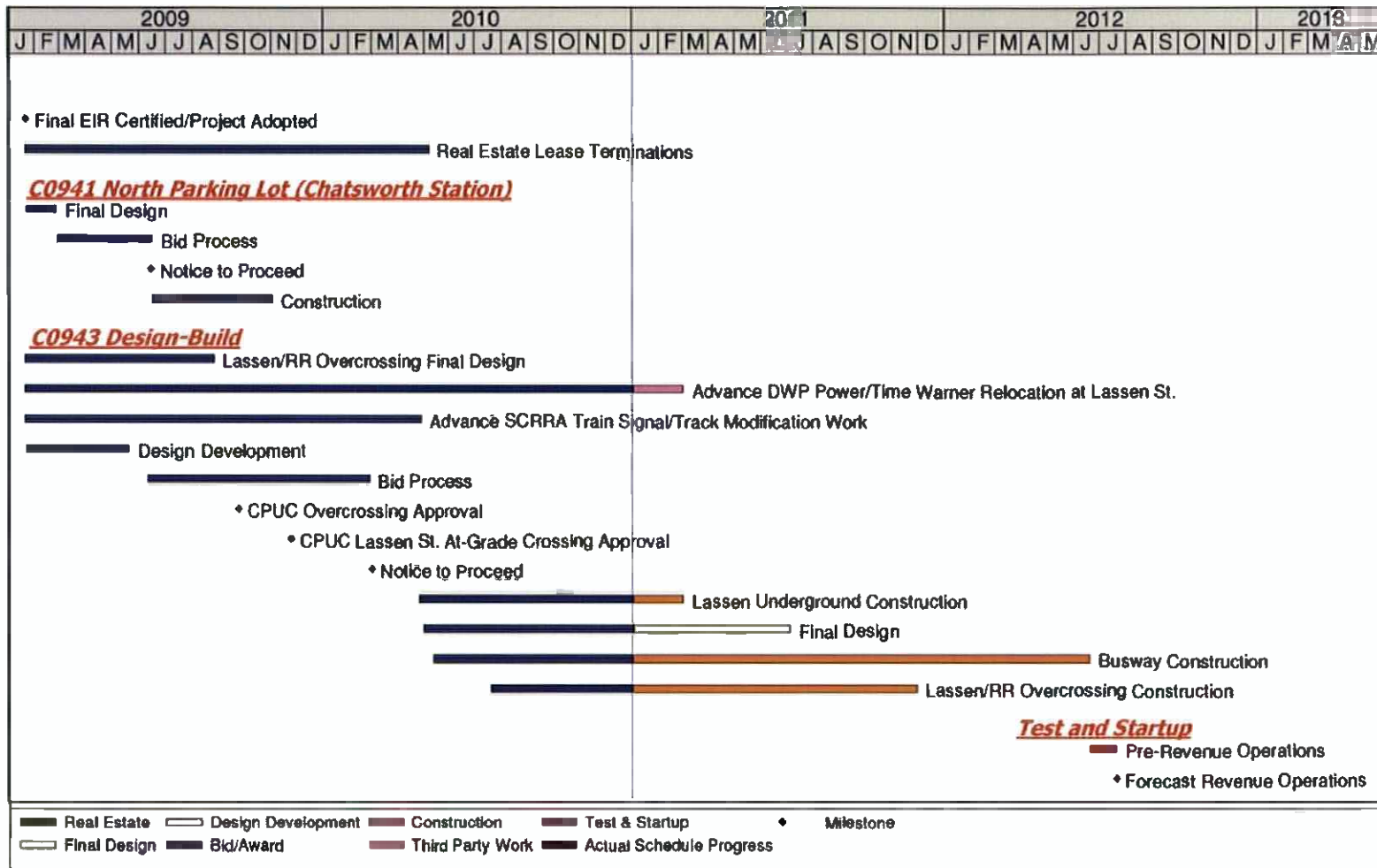
Critical Path:

The Design Builder's schedule update presents the design of the Parthenia, Nordhoff, and Roscoe Street intersection and the subsequent construction of the intersections as being on the critical path. The Design Builder continues with the 100% design submittal and upon approval, construction on the intersections may commence.

Concurrently, the secondary critical path is through the relocation of DWP power lines which is followed by the Falsework at Bent 3 on Lassen Street. The setting of the Falsework allows the bridgework to begin from Abutment 4 to Bent 3 and the sequence resumes from Abutment 1 to Bent 2.

The critical path concludes with the construction of the stations along the alignment.

SUMMARY SCHEDULE



PROJECT COST STATUS - 800119

COST REPORT BY ELEMENT

UNITS IN MILLIONS

ELE- MENT	DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		EXPENDITURES		CURRENT FORECAST		FORECAST VARIANCE
			PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	
C	CONSTRUCTION	137.3	-	137.3	-	90.1	1.8	21.5	-	119.6	(17.7)
R	RIGHT-OF-WAY	8.0	-	8.0	-	4.2	-	1.7	-	4.2	(3.8)
V	VEHICLES / BUSES	9.9	-	9.9	-	2.0	0.1	0.2	-	9.9	-
P	PROFESSIONAL SERVICES	38.7	-	38.7	-	20.7	1.1	14.0	-	33.8	(4.9)
PC	PROJECT CONTINGENCY	21.7	-	21.7	-	-	-	-	-	18.7	(3.0)
PB	PROJECT RESERVE	-	-	-	-	-	-	-	-	29.4	29.4
PR	PROJECT REVENUE	-	-	-	-	-	-	-	-	-	-
TOTAL		215.6	-	215.6	-	117.0	3.0	37.4	-	215.6	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH NOVEMBER 2010.

PROJECT COST ANALYSIS

Original Budget and Current Budget:

The Life of Project Budget for the Metro Orange Line Extension Project was adopted in January 2009 for a value of \$215.6 million.

Current Forecast:

The total project forecast remains the same at \$215.6 million.

Commitments:

The commitments remain the same this period. The \$117.0 million in commitments to date represents 54.3% of the Original Budget.

Expenditures:

The expenditures are cumulative through November 2010. The expenditures increased by \$3.0 million this period. In the Construction element there was an increase of \$1.8 million for cost associated with the Design-Build Contract C0943, universal fare system, Metrolink support and third party scope of work. In the Vehicle element there was an increase of \$0.1 million for midlife overhaul of existing Orange Line buses. In the Professional Services element there was an increase of \$1.1 million for costs associated with final design, construction management support, and MTA project administration. The \$37.4 million in expenditures to date represents 17.4% of the current budget.

**FINANCIAL/GRANT STATUS
Project 800119 – Metro Orange Line Extension**

DECEMBER 2010

STATUS OF FUNDS BY SOURCE

\$ in millions.

SOURCE	(A)	(B)	(C)	(D)	(D/B)	(E)	(E/B)	(F)	(F/B)
	ORIGINAL BUDGET	TOTAL FUNDS ANTICIPATED	TOTAL FUNDS AVAILABLE	COMMITMENTS		EXPENDITURES		BILLED to	FUNDING SOURCE
	(1)	(2)		\$	%	\$	%	\$	%
PROP 1B FUNDS-PTMISEA*	68.0	68.0	40.5	68.0	100%	37.4	55%	34.3	50%
PROP 1B FUNDS-SLTPP**	73.8	73.8		49.0	66%		0%		0%
PROP C 25%	73.8	73.8			0%		0%		0%
TOTAL	215.6	215.6	40.5	117.0	54%	37.4	17%	34.3	16%

(1) Based on January 2009 MTA Board adoption of Life of Project Budget.

(2) Based on March 2009 Capital Programming Revised Financial Plan.

* PTMISEA: Public Transportation Modernization and Improvement Surface Enhancement Account

** SLTPP: State - Local Transportation Partnership Program

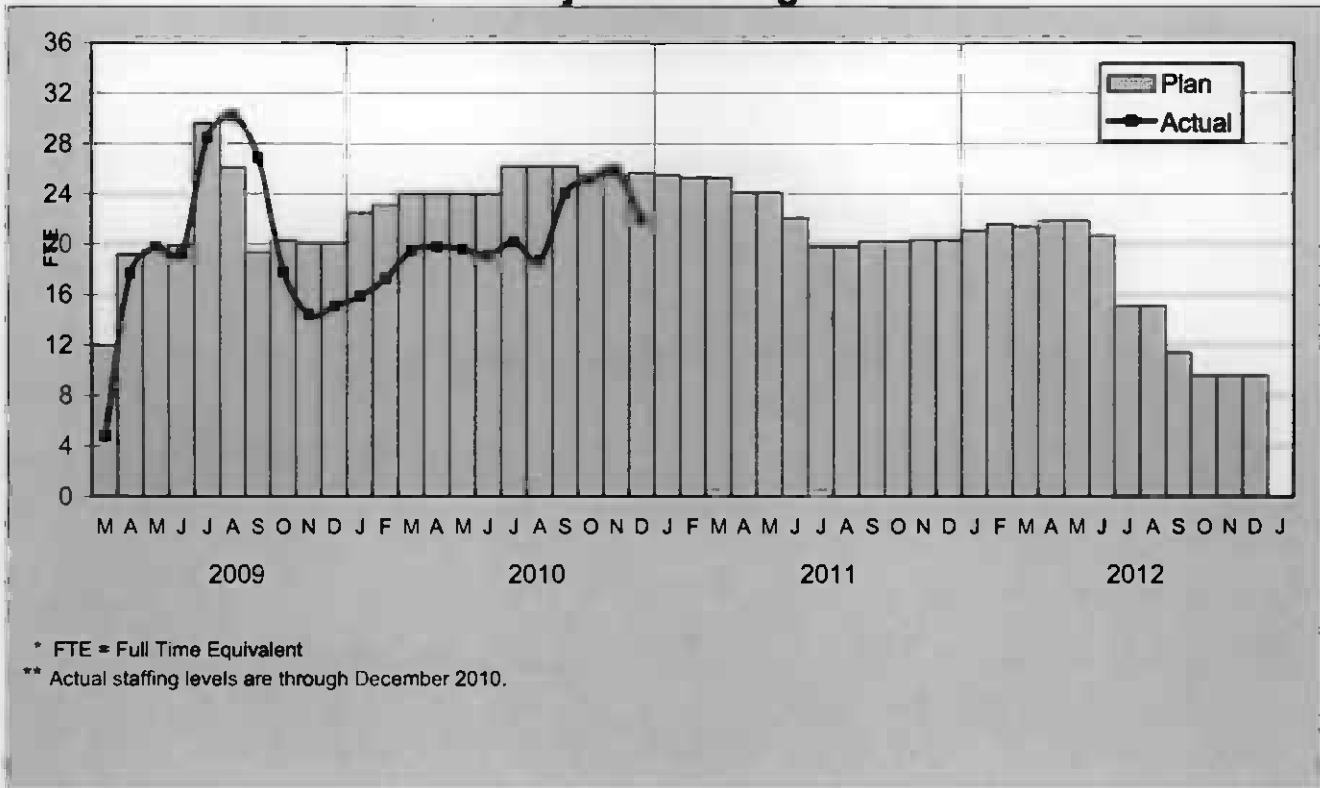
NOTE: Expenditures are cumulative through November 2010.

STATUS OF FUNDS ANTICIPATED

STATE PROP 1B – PTMISEA: MTA submitted a request to Caltrans to allocate \$29.5 million of FY10 funds to the Project. The allocation request was expected to be approved in September 2010. However, due to the delay in approving the State Budget, this allocation request has not been approved and approval is now expected in February 2011. MTA will submit a grant amendment to Caltrans at the January 2011 CTC Meeting authorizing Metro to use \$14M of previously obligated Prop 1B funds for other projects.

STATE PROP 1B – SLTPP: MTA requested an allocation of \$14.7 million in SLPP funds at the December 2009 CTC Meeting and the allocation was not approved. At the January 2010 CTC Meeting, the CTC approved a request to use \$14.7 million in Measure R Transit Capital 35% funds for a Proposition 1B Letter of No Prejudice (LONP) arrangement in lieu of the FY 2010 SLTPP funds. Based on the passage of AB672, MTA will use the substitute funding and will seek reimbursement from the state in the future. MTA submitted to the CTC an allocation request for \$34.1 million in SLTPP funds in May 2010. The CTC has reviewed the request and added it to their “delivered but not yet allocated” list. MTA is now in place to request an LONP when the funds are required. The CTC may obligate the requested Prop 1B SLTPP funds at the January 2011 CTC Meeting.

**STAFFING STATUS
Total Project Staffing - FTES**



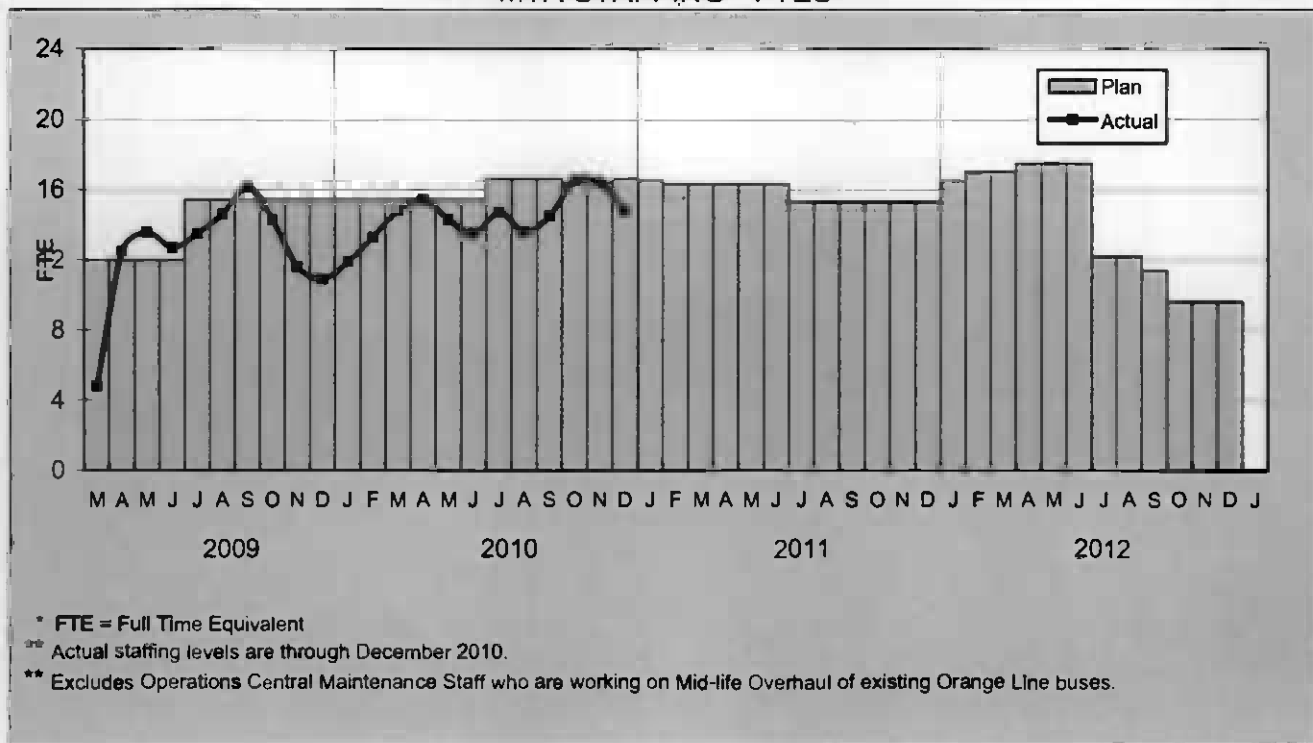
Total Project Staffing

The overall FY11 Total Project Staffing plan averages 25.1 FTE's per month.

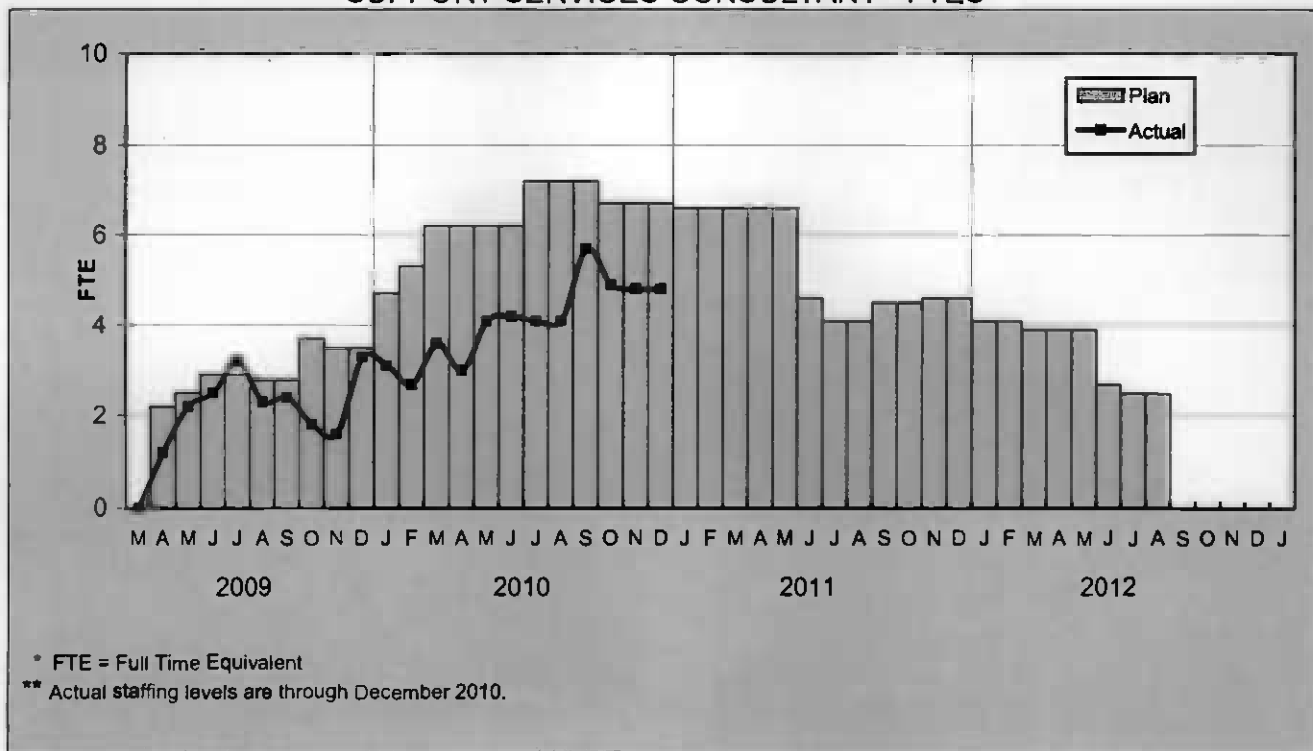
For December 2010, there were a total of 14.8 FTE's for MTA's Project Administration staff and 7.2 FTE's for consulting staff. The total project staffing was 22.0 FTE's for December 2010.

STAFFING STATUS

MTA STAFFING - FTES

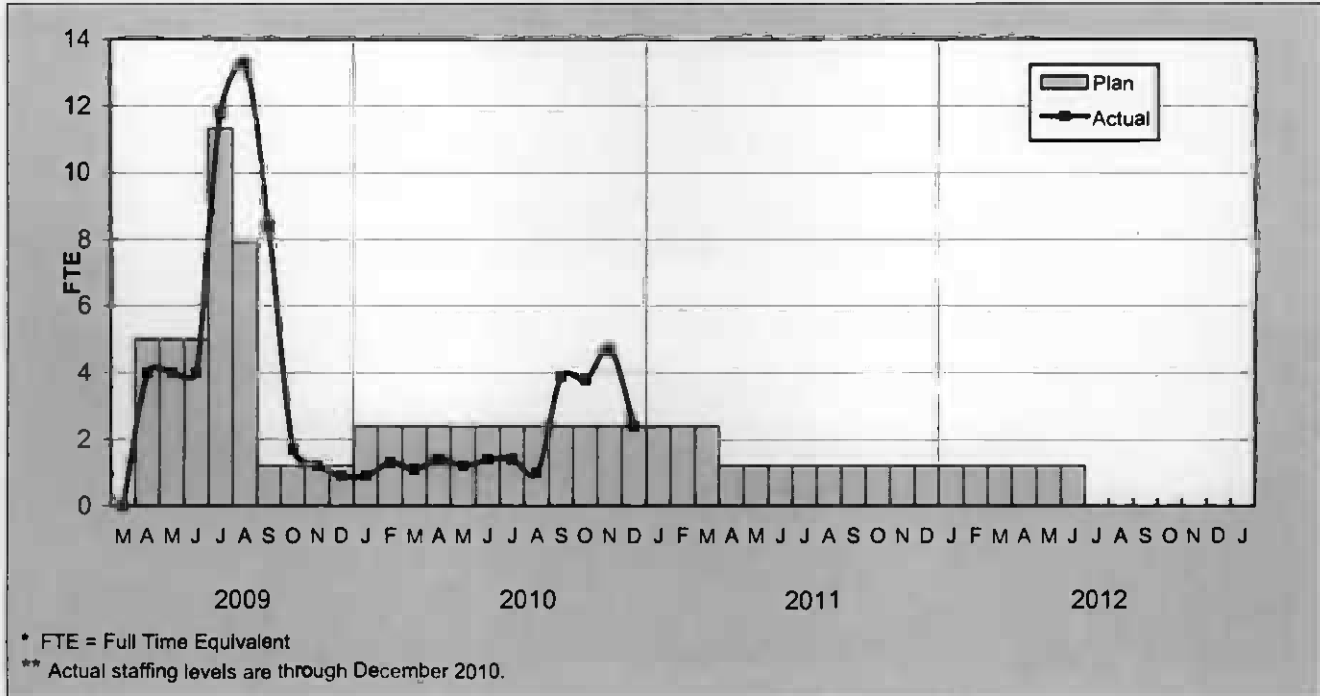


**CONSTRUCTION MANAGEMENT
SUPPORT SERVICES CONSULTANT - FTES**



STAFFING STATUS

ENGINEERING SERVICES CONSULTANT



REAL ESTATE STATUS

- UPRR sent the license to LADWP for underground utilities across UPRR property on August 25, 2010 for approval. The License is being routed for City staff approval.
- MTA sent license to LADWP for the installation of underground utilities across MTA property. The License is being routed for City staff approval.

LEASES

- All Real Estate work required to clear the ROW is completed.

	Total Leases	Total Leases to be Terminated	Total Leases to Remain with Modified Lease	Leases to Remain Under Existing Lease	Relocations Completed	Total Signboards Removed
Leases	82	78	3	1	52	26

QUALITY ASSURANCE STATUS

- Attended weekly job and readiness review meetings with Brutoco.
- Monitored the construction work along the alignment.

ENVIRONMENTAL STATUS

- Continued air monitoring activities to monitor air quality during construction activities.
- Completed step-out sampling and soil analysis to identify Type A [non-hazardous contaminated] soils for export.
- Continued monitoring stormwater Best Management Practices (BMP's) to control stormwater flow from going off-site.

COMMUNITY RELATIONS STATUS

- Distributed over 20,000 construction notices related to full and intermittent lane closure of Lassen Street, and construction of abutment walls and support columns at Chatsworth Station.
- Coordinated by-weekly pre-construction photos along the alignment.
- Coordinated meeting with business owner regarding full and intermittent lane closure of Lassen Street.
- Coordinated construction activities to support 27th Annual Chatsworth Holiday Parade & Festival at Chatsworth Station.

ART DEVELOPMENT STATUS

- The art work for five stations is in the design development phase.
- Continuing review of design packages submitted by the design builder.

SAFETY STATUS

CO943:


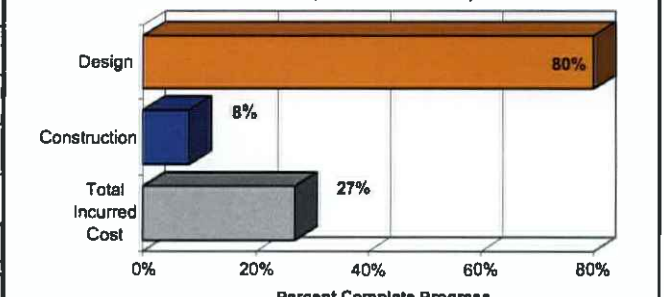
- Participated in weekly Tool-Box Safety Meeting, progress meetings with Construction Management and Metrolink Safety Training.
- Monitored construction activities on a daily basis to ensure safety compliance with contract specifications.
- Reviewed Job Hazard Analysis/Construction Work Plans for false-work on bent #2 and #3 bridge work.
- Brutoco and their subcontractors reported zero incidents and 10, 851 work hours for the month of December 2010. Total project to date work hours are 69,937 and the incident rate is zero.

THIRD PARTY AGREEMENT STATUS

Third Party	Type of Agreement	Forecast Execution Date	Required Need Date	Status/ Comments
City of Los Angeles	Licensing Agreement	12/10	N/A	LADOT has agreed to continue reviewing design. In parallel, MTA shall work on identifying other options (hardscape in lieu of landscaping) that can lower the cost of maintenance for the City. Once design is agreed upon, that design will be incorporated into the agreement. Intent is to still have the City maintain the bike path and landscaping/hardscape outside the fenceline.
City of Los Angeles	O & M Agreement	12/10	N/A	MTA received comments back from LADOT that contradict the previous agreements. MTA shall meet with LADOT to resolve the issues.

Note: For a list of all Third Party Agreements, that have been executed, please see the May 2010 Monthly Project Status Report.

CONTRACT C0943 STATUS

<p>Design Builder Contractor: Brutoco, Engineering and Construction, Inc.</p>	<p>Contract No.: C0943 Status as of: December 31, 2010</p>																																								
<p>Progress/Work Completed:</p> <ul style="list-style-type: none"> - Metro is currently reviewing 100% Design Unit 1 submittal package. - Metro approved as noted 85% design of Design Unit 2. - Metro approved as noted the Design Unit 4 85% design of Roscoe, Parthenia, Nordhoff and Prairie Intersections and awaits city approval. - Metro approved as noted Design Unit 5 85%. - Installment of the shoring (secant piles) at Abutment 1. - Formwork on Abutment 4 of Lassen bridge has set. - Column form on Bent 3 has been set and is curing. - Set column cage and post grouting for Bent 2. - Completed demolition of Los Angeles River and Santa Susana Creek bridges. 	<p>Areas of Concern:</p> <ul style="list-style-type: none"> -Potential Design changes at the Sherman Way station and right turn pockets may impact design completion. <p>* Contractor's schedule update indicates potential delays in achieving future milestones. Mitigation opportunities such as full street closures at the intersections, early bent construction and early power pole relocation design are being implemented. Anticipate schedule variances may be mitigated in the near future.</p>																																								
<p>Schedule Assessment: Design efforts are proceeding with 100% design. Final design is anticipated to conclude in Spring 2011. The preparation of the bus guideway is underway with the rough grading and exporting of excess and contaminated soils from designated segments. The Option C Milestone of the tie-in conduits, vaults and testing has been completed. Major bridge construction activities continues.</p>	<p>Cost Assessment: The current construction contract cost forecast is \$83.16 million and is within the Board authorized budget.</p> <p>The Design Builder submitted their 10th payment application in the approved amount of \$1.6 million.</p> <p>Increase in costs to the construction contract award value are a result of design enhancements and change orders.</p>																																								
<p>Schedule Summary:</p> <table border="0"> <tr> <td>1. Date of Award:</td> <td>02/10/10</td> </tr> <tr> <td>2. Notice to Proceed:</td> <td>03/01/10</td> </tr> <tr> <td>3. Original Substantial Completion Duration:</td> <td>730</td> </tr> <tr> <td>4. Current Substantial Completion Duration:</td> <td>730</td> </tr> <tr> <td>5. Elapsed Time from NTP:</td> <td>305</td> </tr> </table>	1. Date of Award:	02/10/10	2. Notice to Proceed:	03/01/10	3. Original Substantial Completion Duration:	730	4. Current Substantial Completion Duration:	730	5. Elapsed Time from NTP:	305	<p>Cost Summary: \$ In 000's</p> <table border="0"> <tr> <td>1. Award Value:</td> <td>82.49</td> </tr> <tr> <td>2. Executed Modifications:</td> <td>0.18</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td>0.49</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td>83.16</td> </tr> <tr> <td>5. Incurred Cost:</td> <td>22.30</td> </tr> </table>	1. Award Value:	82.49	2. Executed Modifications:	0.18	3. Approved Change Orders:	0.49	4. Current Contract Value (1 + 2 + 3):	83.16	5. Incurred Cost:	22.30																				
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CONSTRUCTION PHOTOGRAPHS



C0943 Design Build Contractor placing abutment 4 shear key wall.