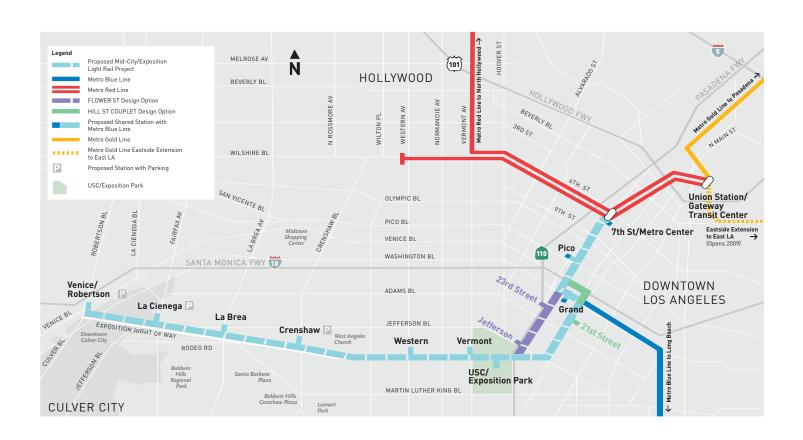
#### QUARTERLY PROJECT STATUS REPORT

# Mid-City/Exposition Light Rail Transit





# MID-CITY/EXPOSITION LIGHT RAIL TRANSIT PROJECT

QUARTERLY PROJECT STATUS REPORT

# **TABLE OF CONTENTS**

	Page No
Project Overview	1
Management Issues	2
Project Status	
Project Scope	3
Schedule	
Key Milestones Six-Month Lookahead	4
Project Master Schedule Critical Path	5-6
o Critical Path Narrative	7
Project Cost Status	8
Financial/Grant Status	9
Staffing	10-11
Real Estate	12
Environmental	13
Community Relations	13
Quality Assurance	14
• Safety	14
Third Party	15
Document Development Status	16
Photographs (Project Renderings)	17-23
Annendices	24-27

#### **PROJECT OVERVIEW**

The Mid-City/Exposition Light Rail Transit (Exposition LRT) Project is the Locally Preferred Alternative (LPA) for the Exposition Transit Corridor. The Project's LPA is approximately 9.6 miles long, extending from Downtown Los Angeles to Culver City. The Project will have 10 or 11 stations consisting of 2-3 existing stations and 7-8 new stations. Two of the new stations are aerial.

The LRT Project would operate in a dual track configuration in either Hill or Flower Streets within the Los Angeles Downtown and in the Exposition Right-of-Way Corridor for the remainder of the project. The design concept is for high-level center and side platform stations (similar to those in use on the Metro Gold and Blue Lines). LRT is electrically powered (similar to the Metro Blue, Green, and Gold Lines) receiving its electric power from overhead power lines within the street or Exposition Right-of-Way. The project also includes a bicycle facility. The bicycle facility included in this project is a combination of reserved Bike Lanes on street and an off street Bike Path from Ballona Creek to Venice/Robertson.

Contract P2550 Procurement of Light Rail Vehicles for the Metro Gold Line Eastside Extension Project has approximately 20-25 vehicles for the Mid-City/Exposition LRT Project included as an option.

The project began Preliminary Engineering in January 2003. The project began its Final Environmental Impact Statement in November 2002. An Administrative Draft Final Environmental Impact Statement was submitted to the FTA for review on May 12, 2004. The proposed Final Environmental Impact Statement/Report was submitted to the FTA for review in December 2004. Based on FTA comments, revised ridership projections have been prepared and the final EIS/EIR will be resubmitted to the FTA in July 2005. The FTA Record of Decision is expected in December 2005.

#### **MANAGEMENT ISSUES**

**Concern No. 1:** The Administrative Draft FEIS due date was extended due to additional FTA comments concerning revised ridership projections.

#### Status/Action

The Administrative Draft FEIS was delivered to FTA staff in May 2004 and has undergone FTA staff review. The comments were provided to LACMTA in September 2004 and were incorporated into the document. A revised FEIS was completed in December 2004 and submitted to FTA for review. FTA comments have been received and further revisions are in progress. The Final EIS/EIR will be resubmitted to the FTA in July 2005. The FTA Record of Decision is expected in December 2005.

**Concern No. 2:** Complete the Design/Build Industry Review.

#### Status/Action

The Design/Build Industry Review continued during this period. A series of meetings were conducted to solicit comments on the proposed contract key terms and conditions. The review will be completed in July 2005 and the results will be incorporated into the solicitation documents.

The current schedule for release of the solicitation documents is September 2005 and an award recommendation to the Board is anticipated in January 2006 after the receipt of the FTA ROD.

**Concern No. 3:** Establish a Funding Plan for the Mid-City/Exposition LRT Project.

#### Status/Action

In April 2005, the Metro Board adopted a Full Funding Plan of \$640 million which includes contributions from City Agencies. The Board also approved \$43.75 million for FY06 activities to support the Exposition Project schedule, increasing the authorized expenditure authority through FY06 to a total not-to-exceed \$62.05 million.

#### PROJECT SCOPE

The Mid-City/Exposition Light Rail Transit (Exposition LRT) Project is the Locally Preferred Alternative (LPA) for the Exposition Transit Corridor. The Project's LPA is approximately 9.6 miles long, extending from Downtown Los Angeles to Culver City. The Project will have 10 or 11 stations consisting of 2-3 existing stations and 7-8 new stations. Two of the new stations will be aerial.

The LRT Project will operate in a dual track configuration in selected streets and the Exposition Right-of-Way Corridor. The design concept is for high-level center and side platform stations (similar to those in use on the Metro Gold and Blue Lines). LRT is electrically powered (similar to the Metro Blue, Green and Gold Lines) receiving its electric power from overhead power lines within the street or Exposition Right-of-Way. The project also includes a bicycle facility. The following bicycle facility is included in this Contract: a combination of an off street Bike Path and reserved on street Bike Lanes from Vermont to Venice/Robertson. The currently envisioned stations at this stage of Preliminary Engineering are for the most part shown on the map below: These include existing stations at 7<sup>th</sup>/Metro Center Julian Dixon Station, Pico/Chick Hern Station and new stations at USC/Exposition Park, Vermont, Western, Crenshaw, La Brea, La Cienega, and Venice Washington. It is also possible that one or two stations may be added as part of the Downtown Branching. Options for Downtown Branch stations currently include Jefferson Blvd. near the northern edge of the USC Campus and21st Street or 23<sup>rd</sup> Street near L.A Trade Technical College.



# **KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD**

	Milestone Date	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05
Deliver Phase 1, Part 2 Package	6/17/05A	0	Metro				
FTA Review FEIS/R for Approval and Circulation	8/19/05			FTA			
Metro Board Certify Final EIS/R	10/27/05					Metro	
LACMTA Staff Milestone	PE Deliverables		ı	<b>-TA</b> FT	A Approval		
△ Other Agencies *	New Date	w Date Metro LACMTA Board Action					

# PROJECT MASTER SCHEDULE CRITICAL PATH

ID	TASK/ACTIVITY	CAL DAYS	START	FINISH
1 Complete Administrative Draft EIS/EIR for FTA Review		1	12/14/00A	12/14/00A
2	FTA Review Period	107	12/14/00A	3/30/01A
3 Approved to Circulate and Notice Availability		15	3/30/01A	4/13/01A
4	Conduct Public Hearings (3 hearings)	32	4/14/01A	5/15/01A
5 Board Action: Adopt Locally Preferred Alternative & Draft EIS/		1	6/28/01A	6/28/01A
6 Consultant Special Studies of Mid- City/Exposition LRT Project Supplemental Grade Crossing Mitigation Analysis		181	10/1/02A	3/31/03A
7 Peer Review of Project Design Standards, Project Cost Estimate and Grade Crossing Mitigation Analysis		14	6/1/03A	6/25/03A
8 LACMTA Board Consideration of Peer Review Recommendations.				8/28/03A
9	Completion of final EIR/EIS drawings to Support Administrative Final FEIS/R for a Design Build Project.			2/2/04A

# PROJECT MASTER SCHEDULE CRITICAL PATH

ID	TASK/ACTIVITY	CAL DAYS	START	FINISH
10	Complete Administrative Final EIS/EIR for FTA Review	30	3/1/04A	5/10/04A
11	Develop Preliminary Engineering Package to Support Administrative Final EIS/R	385	1/13/03A	2/02/04A
12	FTA Review Administrative Final EIS/EIR	90	12/13/04A	TBD
13	Complete Phase I, Part 2 of Engineering Package to Support the Design/Build Bid Process	198	12/1/04A	6/17/05A
14	FTA Review FEIS/R and approve for circulation	_		
			7/25/05	8/19/05
15	Final EIR Public Review	45		
		-	9/05	10/05
16	Metro Board Certify Final EIS/R			
			10/27/05	
17	FTA Record of Decision (ROD)			
		_	12/05	

# **CRITICAL PATH NARRATIVE**

The project critical path is the completion of the FEIS/R and the issuance of the Record of Decision by December 2005.

#### **PROJECT COST STATUS**

In \$ Million					
	Previous	Current			
	Estimated	Estimated			
Description	Project Cost	Project Cost	Variance	Commitments	Expenditures
Guideway & Track	72.7	85.3	12.6	0.0	0.0
Stations	33.2	46.1	12.9	0.0	0.0
Yards & Shops	12.9	18.6	5.7	0.0	0.0
Site Wrk & Spec Cond	37.2	148.0	110.8	0.0	0.0
Systems/Equipment	64.0	91.8	27.8	0.0	0.0
Right-of-Way	5.3	23.2	17.9	0.0	0.0
Vehicles	40.4	42.7	2.3	0.0	0.0
Bikeway	0.0	5.0	5.0	0.0	0.0
Soft Costs	112.8	86.1	(26.7)	18.2	15.0
Finance Charges	0.0	0.0	0.0	0.0	0.0
Contingency	66.0	93.2	27.2	0.0	0.0
TOTAL	444.5	640.0	195.5	18.2	15.0

The Previous Estimated Project Cost was based on the LACMTA 2004 August submittal of the FTA 5309 New Starts Report with the Project LPA as the basis. Metro is evaluating various alignment configurations that will be addressed in the FEIS/FEIR. A full funding plan for an amount not to exceed \$640 million (Year of Expenditure dollars) was approved by the LACMTA Board on April 28, 2005 and assumes the Project Scope cost options/alternatives that will be further defined in the FEIS/FEIR.

The Current Estimated Project Cost is based on this funding plan and includes costs for the Flower Street configuration design, additional grade separations as directed by the LACMTA Board, construction cost escalation, additional real estate acquisition, required split platforms and environmental mitigation anticipated in the FEIS/FEIR. The cost estimates will be revised next quarter to reflect the final scope identified in the FEIR/FEIR.

#### FINANCIAL/GRANT STATUS

#### **JUNE 2005** STATUS OF FUNDS BY SOURCE (Escalated \$) in \$ millions (A) (B) (C) (D/B) (E/B) ORIGINAL TOTAL TOTAL COMMITMENTS **EXPENDITURES** BILLED to FUNDING SOURCE BUDGET **FUNDS FUNDS** SOURCE % % ANTICIPATED AVAILABLE (1) FEDERAL - SECTION 5309 15.0 15.0 0% 0% 0% 215.0 215.0 8.2 11.5 5% 3.6 2% 3.6 2% FEDERAL - CMAQ 13.6 13.6 FEDERAL TEA 11.0 100% 11.0 100% 11.0 100% 11.0 11.0 11.0 STATE TCRP PROP A/C 335.4 335.4 0% 0% 0% 50.0 50.0 0% LOCAL CONTRIBUTION 0% 0% UNBILLED ACCRUALS 0.3 **TOTAL** 640.0 640.0 19.2 22.5 15.0 2% 14.6 2%

(1) Based on April 2005 Full Funding Plan and Programming Board Action NOTE: EXPENDITURES ARE CUMULATIVE THROUGH MAY 2005.

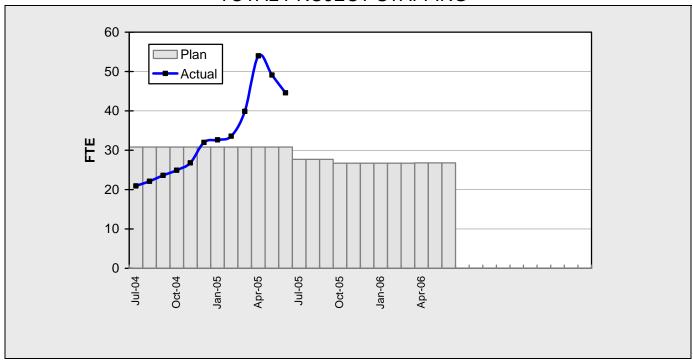
#### STATUS OF FUNDS ANTICIPATED

**FEDERAL CMAQ:** FTA Grant #CA-90-Y305 for a total amount of \$8.2 million for preliminary engineering activities was executed on December 8, 2004. Funds are available for draw down.

**STATE TCRP:** The CTC approved the transfer of \$180.7 million of TCRP funds from the Mid-City Wilshire BRT Project to the Mid-City Exposition LRT Project at their May 2005 meeting. Concurrent with this amendment, the CTC also approved the programming and the issuance of an LONP for \$16.7 million for Phase 2 (Project Plan Preparation).

# **STAFFING STATUS**

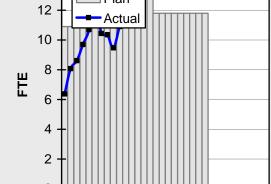
# TOTAL PROJECT STAFFING



#### **STAFFING STATUS**

#### **AGENCY STAFFING**

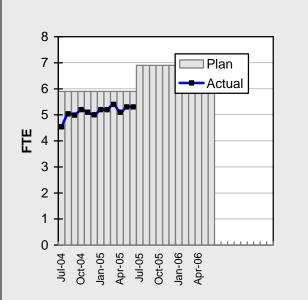
# 14 Plan Actual



Agency staff consist of directly billed charges from those departments that are assigned to the Project.

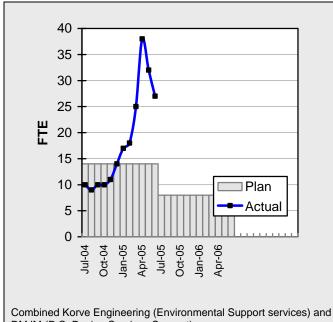
Apr-05 Jul-05 Oct-05 Jan-06 Apr-06

#### **INDIRECT STAFFING**



Indirect staff are allocated to the Project through monthly budgeted percentage of overhead charges.

#### **CONSULTANT STAFFING**



DMJM (P.C. Design Services Support).

June 2005

### **REAL ESTATE STATUS**

Metro Real Estate is working with the Project Engineering Team to establish budget estimates for all of the properties identified for the project. Real Estate provided assistance in evaluating various alternatives for the Yards and Shops and the Culver City Terminous configuration. Once the EIR is complete, a more focused definition will be obtained on all identified parcels.

#### **ENVIRONMENTAL STATUS**

- Continued production of the FEIS/EIR pursuant to non New Starts funding sources to implement the Project.
- Issued a Notice-to-Proceed to Terry A. Hayes & Associates to complete a revised FEIS/EIR per non New Starts funding requirements.
- The Project's ridership "White Paper" was accepted by FTA.
- The FEIS/EIR is under production as a NEPA/CEQA combined document. It will be available for public comment in August.

#### **COMMUNITY RELATIONS STATUS**

- Held a Mid-Corridor Working Group meeting on June 28, 2005.
- Gave a project presentation at the Friends 4 Expo Transit's General Meeting.
- Began outreach and coordination efforts with Envision La Brea, a grant project to prepare station area plans around the La Brea Station.

#### **QUALITY ASSURANCE STATUS**

 Metro Quality Management conducted design surveillance and audit actions for the following:

May 6, 2005 Design Submittal, which included the Preliminary Engineering Package Final Draft, Washington Blvd. to La Brea; including 22 technical specifications, 21 performance specifications and approximately 667 drawings.

June 3, 2005 Design Submittal, which included the Preliminary Systems Engineering Package, Final Draft Washington Blvd. to La Brea; including Systems performance specifications, and approximately 44 drawings.

June 16, 2005 Design Submittal, which included the Preliminary Engineering Final Draft, La Brea Blvd. to Venice Blvd. the La Cienega North Structure Alternative package and approximately 162 drawings.

• Deficiencies/omissions identified were corrected during the surveillances.

#### **SAFETY STATUS**

No Safety activity this period.

# THIRD PARTY AGREEMENT STATUS

Third Party	Type of Agreement	Required Need Date	Status/Comments
City of Los Angeles	Amendment	TBD	Executed
Los Angeles County and Los Angeles County Flood Control District	Master	TBD	Executed.
Caltrans (All Projects)	Master	TBD	General MCA executed.
Caltrans	Construction	TBD	Caltrans initiated the draft agreement. Expected delivery to LACMTA is 10/05.
Caltrans	Maintenance	TBD	Caltrans initiated the draft agreement. Expected delivery to LACMTA is 10/05.
City of Culver City	Master	TBD	Will not negotiate until environmental document is approved.
LADWP (Water/Power)	Master	TBD	LACMTA Management completing negotiations.
Southern California Edison Company	Master	TBD	Refuses to enter into agreement.
The Gas Company	Master	TBD	Executed.
SBC	Master	TBD	Executed.
Southern California Water Company	Master	TBD	Executed.
Pacific Pipelines System	Master	TBD	Not necessary since facilities impacted are under an easement agreement.
BP Pipelines	Master	TBD	Not necessary since facilities impacted are under an easement agreement.
U.S. Army Corps of Engineers	Master	TBD	Not yet drafted. Agreement will be crossing specific.

# **Document Development Status**

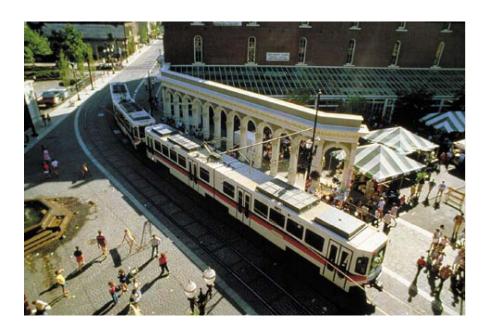
**To Support Entry Into Final Design** 

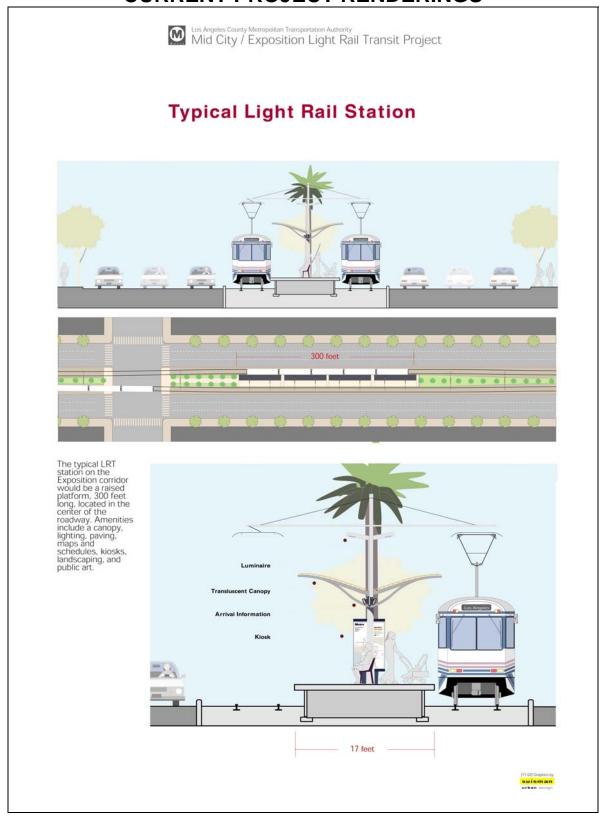
10 Support Linty into I mai Design					
		ESTIMATED/ACTUAL			
DOCUMENT	STATUS	COMPLETION DATE			
Quality Assurance/Quality Control Plan	Accepted by MTA Quality Management.	May 2003			
Value Engineering Report	Completed.	August 2003			
Capital and Operating Financial Plans	Revised plans submitted to FTA as part of New Starts Annual Report	August 2004			
Bus Fleet Management Plan	Updated BFMP submitted to FTA/PMOC for review.	August 2004			
Rail Fleet Management Plan	Submitted revised version to FTA/PMOC for review.	September 2004			
Project Management Plan (PMP)	The PMOC has completed its review of the PMP and has issued a Spot Report indicating the Plan is generally acceptable but will require updates.	December 2004			
NEPA Process	Revisions being made to FEIS/EIR prior to issuance for public review. FTA has reviewed and has no additional comments at this time.	January 2006			



Photographs of stations designed by the Exposition Corridor Architects in Portland, Oregon.





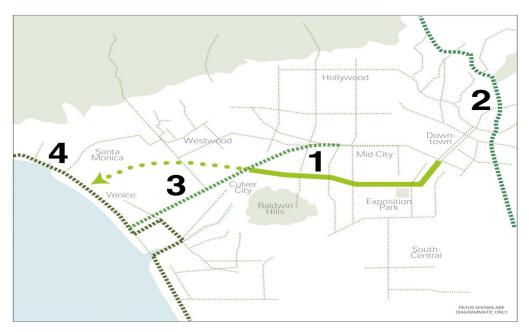




#### **Bikeway**

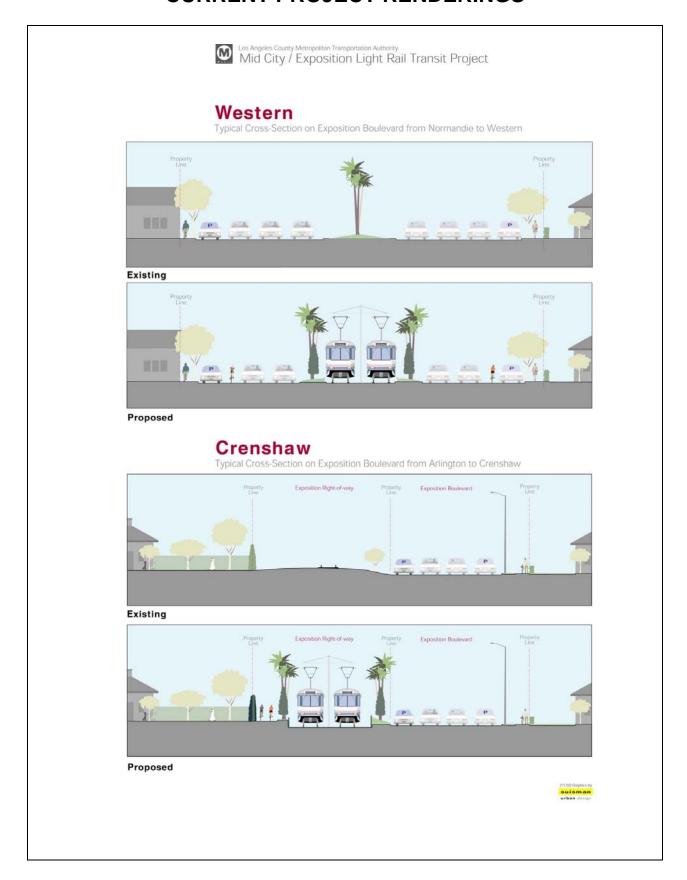


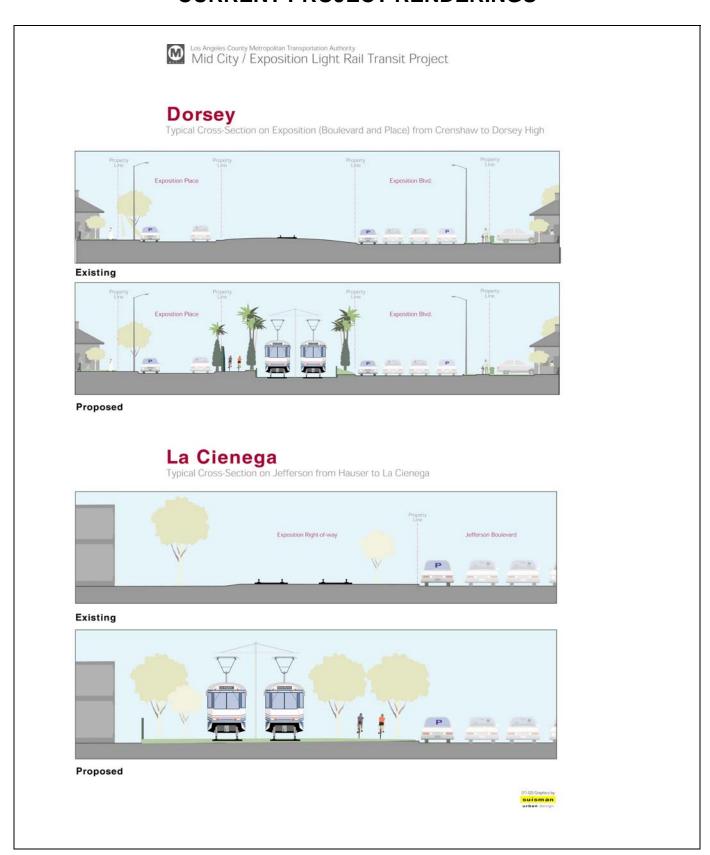
The project calls for a continuous bike path along the route of the light rail line.

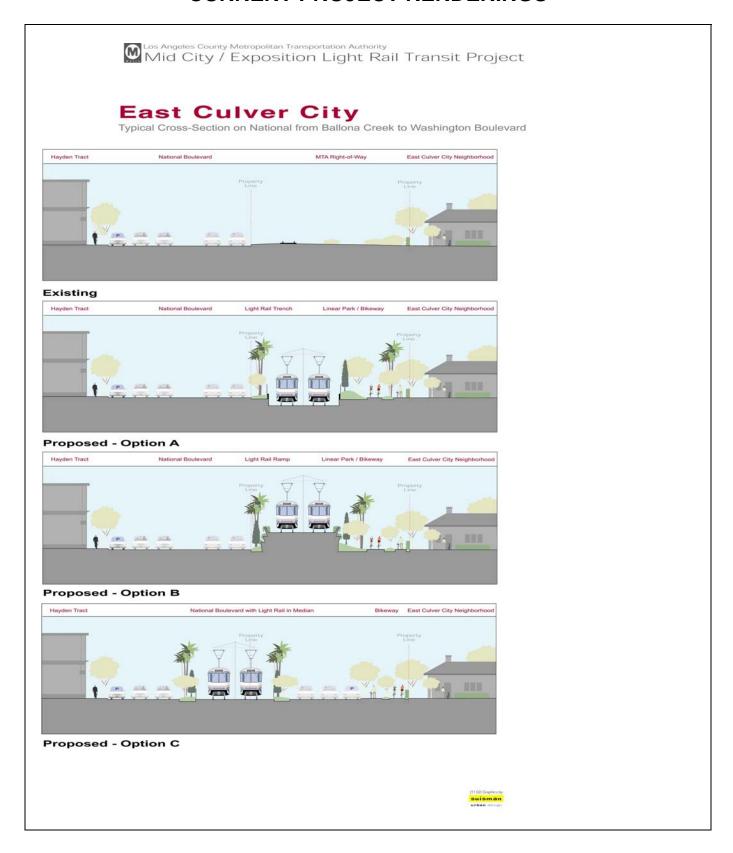


The Bikeway along the Exposition Transit Parkway (1) would become one of the area's important long-distance bike paths, along with the Los Angeles River Bikeway (2), the Venice Bikeway (3), and the Ocean Bike Path (4).

(11.02) Graphics by suisman







# 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 LACMTA's Accounting department for contractor or consultant invoices, third party invoices, staff salaries, and closing payments for escrow accounts that is reported in 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.

#### **APPENDIX**

#### LIST OF ACRONYMS

AFE Authorization For Expenditure

ATC Automatic Train Control

CADD Computer Aided Drafting and Design CALTRANS California Department of Transportation

CD Calendar Day

CM Construction Manager

CMAC Congestion Mitigation Air Quality

CN Change Notice CO Change Order

CPM Critical Path Method

CPUC California Public Utilities Commission

CR Camera Ready

CTC California Transportation Commission

CUD Contract Unit Description

DB Design/Build
DBB Design/Bid/Build
DD Design Development

DOT Department of Transportation
DWP Department of Water and Power
EIR Environmental Impact Report
EIS Environmental Impact Statement
EPBM Earth Pressure Balance Machine
FAR Federal Acquisition Regulation

FD Final Design

FEIS Final Environmental Impact Statement
FEIR Final Environmental Impact Report
FFGA Full Funding Grant Agreement
FIS Financial Information System

FSEIR Final Supplemental Environmental Impact Report
FSEIS Final Supplemental Environmental Impact Statement

FTA Federal Transit Administration

FTE Full Time Equivalent

GDSR Geotechnical Design Summary Report

IFB Invitation for Bid

IPO Integrated Project Office

JV Joint Venture LA Los Angeles

LABOE Los Angeles Bureau of Engineering

LACFCD Los Angeles County Flood Control District

LACMTA Los Angeles County Metropolitan Transportation Authority

LADOT Los Angeles Department of Transportation

#### **APPENDIX**

LIST OF ACRONYMS (Continued)

LADPW Los Angeles Department of Public Works
LADWP Los Angeles Department of Water and Power

LAUSD Los Angeles Unified School District

LONP Limited Notice To Proceed
LONP Letter Of No Prejudice
LPA Locally Preferred Alternative

LRT Light Rail Transit

LRTP Long Range Transportation Plan

LRV Light Rail Vehicle
MIS Major Investment Study
MPSR Monthly Project Status Report

N/A Not Applicable

NEPA National Environmental Protection Act

NPDES National Pollution Discharge Elimination System

NTE Not to Exceed NTP Notice To Proceed

OCIP Owner-Controlled Insurance Program

P3 Primavera Project Planner® (scheduling software)

PC Project Control

PE Preliminary Engineering

PEER Permit Engineering Evaluation Report

PIP Project Implementation Plan

PM Project Manager

PMA Project Management Assistance

PMIP Project Management Implementation Plan
PMOC Project Management Oversight Consultant

PMP Project Management Plan (manual)

P&P Policies & Procedures

PR Project Report

PSR Project Study Report QA Quality Assurance

QAR Quality Assurance Report

QC Quality Control

QPSR Quarterly Project Status Report RAC Review Advisory Committee

RAG Rail Activation Group
RFC Request For Change
RFP Request For Proposal
ROD Record Of Decision

ROD Revenue Operations Date ROM Rough Order of Magnitude

#### **APPENDIX**

**LIST OF ACRONYMS (Continued)** 

ROW Right-Of-Way

SCAQMD Southern California Air Quality Management District

SCE Southern California Edison

SCRRA Southern California Regional Rail Authority

SHA State Highway Account

SHPO State Historic Preservation Office

SIT System Integration Testing

SOV Schedule Of Value SOW Statement Of Work SP Special Provision

STIP State Transportation Improvement Program

STP Surface Transportation Program

TBD To Be Determined
TBM Tunnel Boring Machine

TCRP Traffic Congestion Relief Program

TPSS Traction Power Substation

TRACS Transit Automatic Control System

UFS Universal Fare System

USDOT U.S. Department Of Transportation

VE Value Engineering

WBS Work Breakdown Structure

WP Work Package