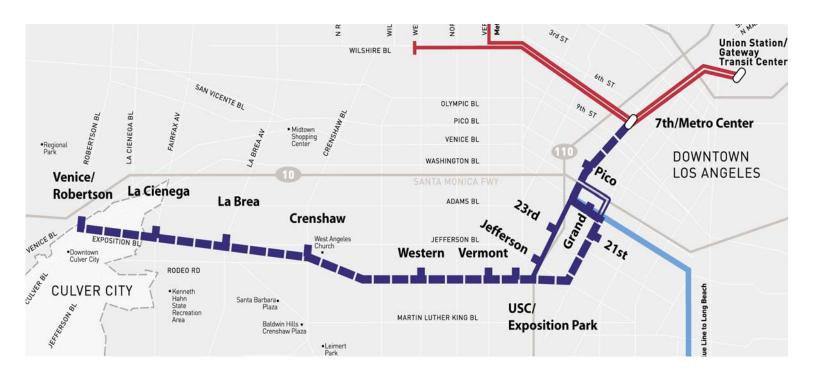
MONTHLY PROJECT STATUS REPORT

# November 2005

# Mid-City/Exposition Light Rail Transit



# EXPOSITION METRO LINE CONSTRUCTION AUTHORITY

# MID-CITY/EXPOSITION LIGHT RAIL TRANSIT PROJECT

MONTHLY PROJECT STATUS REPORT

# **TABLE OF CONTENTS**

	Page No.
Project Overview	1
Project Alignment	2
Executive Summary	3
Management Issues	4
Financial/Cost Status	5-6
Key Milestone Lookahead	7
Critical Path Narrative	7
Fiscal Year Staffing Status	8
Real Estate Status	9
Environmental Status	9
Community Relations Status	9
Quality Assurance Status	9
Safety Status	9
Chronology of Events	10
Project Renderings	11-13
Document Development Status	14
Appendices	15-18

#### **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 will furnish vehicles for the Mid-City/Exposition LRT Project as an option.

Initial Planning commenced in 2000 and the Locally Preferred Alternative & an Administrative Draft Environmental Impact Statement/Report (EIS/R) was approved by the Metro Board in 2001. The project began Preliminary Engineering in January 2003 and an Administrative Draft Final EIS/R an was submitted to the FTA for review on May 12, 2004. Based on FTA comments, required revisions to this Draft Final EIS/EIR were made, and it was resubmitted to the FTA in July 2005. Approval to circulate was received on October 4, 2005. The FTA Record of Decision is expected in late January 2006.

#### **PROJECT ALIGNMENT**

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/Robertson. It is also planned that one or two stations will 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 and 21st Street or 23<sup>rd</sup> Street near L.A Trade Technical College.



#### **EXECUTIVE SUMMARY**

#### **NOVEMBER 2005 KEY ACTIVITIES**

#### Planning:

• Continued presenting the FEIS/EIR for Public Review.

#### Design:

Continued design development for the Flower Street alignment.

#### **Community Relations:**

• Conducted three community FEIS/EIR open houses to present project information.

#### **Procurement:**

- Conducted SBE/DBE contracting opportunity outreach event on November 17, 2005.
- Issued Addenda No. 1 to the Design/Build RFP.

#### <u>FINANCIAL</u>

- FY06 Budget: \$43.75 M\*
- FY06 Expenditures: \$2.05 M (as of October 31, 2005)
- Inception to Date Budget: \$62.05M\*
- Inception to Date Expenditures: \$19.7 M
  - \* Metro Board Approved and included in the Capital Cost Estimate shown below.

#### **FEIS CAPITAL COST ESTIMATE (year of expenditure \$)**

- Original LPA: \$594.9 million
- Revised LPA (Metro staff recommendation): \$640 million

#### **CRITICAL PATH**

• Adopt FEIS/EIR, obtain FTA Record of Decision and award Design/Build Contract.

#### **DECEMBER 2005 KEY ACTIVITIES**

- The Construction Authority adopts its Final EIS/EIR recommendation and transmits that recommendation to the Metro Board, December 1, 2005.
- Obtain Metro Board certification of FEIS/EIR on December 15, 2005.
- Receive Design/Build Proposals on December 22, 2005.

#### **MANAGEMENT ISSUES**

**Concern No. 1:** Approval of the Final EIS/EIR.

#### Status/Action

The Final EIS/EIR was resubmitted to the FTA in July 2005. FTA approval to circulate the Final EIS/EIR was received on October 4, 2005. The public review period began on October 14, 2005 and ends on November 28, 2005. The Metro Board of Directors is scheduled to certify the Final EIS/EIR on December 15, 2005. The FTA Record of Decision is expected in January 2006.

Concern No. 2: Obtain commitments for the Project Full Funding Plan.

#### Status/Action

In April 2005, the Metro Board adopted a Full Funding Plan of \$640 million based on the recommended project configuration which includes unsecured funding of \$50 million in local contributions and \$15 million in Federal Bus and Bus Facilities Discretionary Funding. Project staff are working with the various stakeholders to establish funding commitments.

#### **FINANCIAL STATUS**

NOVEMBER 2005 STATUS OF FUNDS BY SOURCE									
NOVEMBER 2005	STATUS OF FUNDS BY SOURCE (Escalated \$)					in \$ millions			
SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANTICIPATED (1)	(C) TOTAL FUNDS AVAILABLE	(D) COMMITI	(D/B) MENTS %	(E) EXPENDI \$	(E/B)	(F) BILLED to SOUR \$	(F/B) FUNDING
FEDERAL - BUS DISCRETIONARY (SEC 5309)	15.0	15.0			0%		0%		0%
FEDERAL - CMAQ	215.0	215.0	15.6	17.4	8%	8.7	4%	7.7	4%
FEDERAL TEA	13.6	13.6							
STATE TCRP	11.0	11.0	11.0	11.0	100%	11.0	100%	11.0	100%
PROP A/C	335.4	335.4			0%		0%		0%
LOCAL CONTRIBUTION	50.0	50.0			0%		0%		0%
ACCRUALS									
TOTAL	640.0	640.0	26.6	28.4	4%	19.7	3%	18.7	3%

<sup>(1)</sup> Based on April 2005 Full Funding Plan and Programming Board Action NOTE: EXPENDITURES ARE CUMULATIVE THROUGH OCTOBER 2005.

# **PROJECT COST STATUS**

#### COST SUMMARY In \$ Million **Current Estimated** Description **Project Cost** Commitments Expenditures Guideway & Track 115.7 0.0 0.0 Stations 37.3 0.0 0.0 Yards & Shops 22.2 0.0 0.0 Site Work & Bikeway 106.0 0.0 0.0 Systems/Equipment 0.0 87.3 0.0 Right-of-Way 0.0 0.0 34.2 Vehicles 42.7 0.0 0.0 **Special Conditions** 22.0 2.4 0.6 **Professional Services** 88.6 26.0 19.1 Contingency 84.0 0.0 0.0 TOTAL 640.0 19.7 28.4

#### 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 drawdown. Metro submitted a grant application amendment in June 2005 to FTA for \$7.4 million. The grant application was approved on July 15, 2005. Funds are available for drawdown.

#### 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 of and the issuance of an LONP for \$16.7 million for Project Plan Preparation (Phase 2). Metro submitted a request to the CTC to program \$208.1 million for construction activities (Phase 4) for consideration at the November 2005 CTC Meeting.

#### PROJECT COST SUMMARY

#### **Current Estimated Project Cost**

The Estimated Project Cost remains unchanged at the Board approved full funding plan amount of \$640 million (Year of Expenditure dollars). Costs include the Flower Street configuration design, additional grade separations as directed by the Board, construction cost escalation, additional real estate acquisition, required split platforms and environmental mitigation recommended in the Final EIS/EIR.

#### Commitments

There were no changes to the Commitments this period, which remain at \$28.4 million or 4% of the Current Estimated Project Cost.

#### **Expenditures**

The Expenditures increased by \$1.1 million (as of October 31, 2005) for a total of \$19.7 million. The increases were due to preliminary engineering activities. All expenditures remain within the Metro Board approved Fiscal Year Budget and the total Project Cost identified in the approved full funding plan.

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

	Milestone Date	Nov-05	Dec-05	Jan-06	Feb-06	Mar-06
Expo C.A. Recommend FEIS Approval	12/1/05		E			
Metro Board Certify Final EIS/EIR	12/15/05		Metro			
Receive Design/Build Contract Proposals	12/22/05		E			
Record of Decision by FTA	Jan 06			FTA		
NTP Design Build Contract	Feb 06				E	
LACMTA Staff Milestone PE Deliverables FTA FTA Approval						
△ Other Agencies *	New Date	ew Date Metro LACMTA Board Action				
E Exposition Metro Line Constructon Authority						

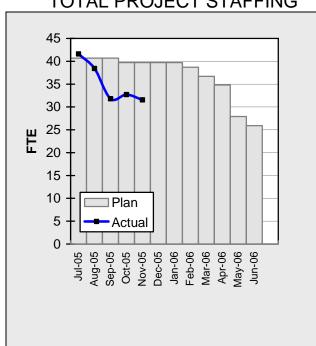
# **CRITICAL PATH NARRATIVE**

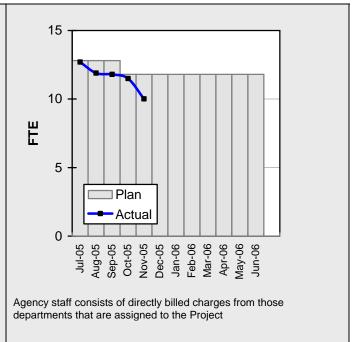
The Project Critical Path is the adoption of the Final FEIS/R by the Metro Board in December 2005, the issuance of the Record of Decision by January 2006 and the award of the negotiated Design/Build Contract in February 2006.

#### FISCAL YEAR STAFFING STATUS

#### TOTAL PROJECT STAFFING

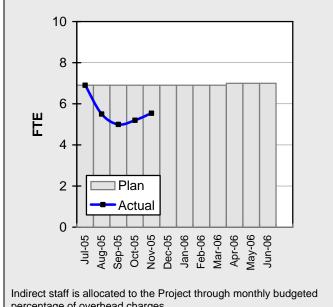
#### **AGENCY STAFFING**



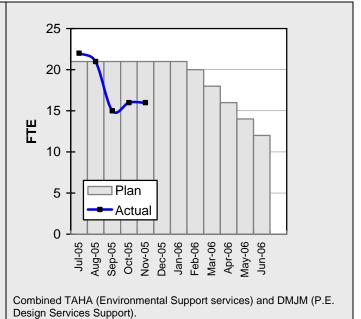


#### **INDIRECT STAFFING**

#### **CONSULTANT STAFFING**







#### **REAL ESTATE STATUS**

 Metro Real Estate is working with the Project Engineering Team to refine budget estimates and parcel identification of all properties impacted by the Project. Title reports were ordered for selected parcels on 10/20/05.

#### **ENVIRONMENTAL STATUS**

- The Final EIS/EIR was issued for supplemental public review beginning on October 14, 2005. The supplemental public review will end on November 28, 2005. Review comments on the current documents will be received during this period.
- The Metro Exposition Line Construction Authority will be making recommendations to the Metro Board, based upon the review of all environmental documents on December 1, 2005.
- Metro Board to consider the Final EIS/EIR certificationon December 15, 2005.

#### **COMMUNITY RELATIONS STATUS**

- November 2, 2005 Community Open House in West End segment.
- November 3, 2005 Community Open House in Mid-Corridor segment.
- November 9, 2005 Community Open House in the downtown Los Angeles Connection segment.
- November 19, 2005 Empowerment North Area Neighborhood Development Council.
- November 21, 2005 Culver City Council. Action to support project.
- November 22, 2005 City of Los Angeles Council. Action to support project. South Park Stakeholders Meeting.

# **QUALITY ASSURANCE STATUS**

 Provided Quality Assurance Review for the Flower Street Alignment design development drawings.

# **SAFETY STATUS**

No Safety activity this period.

# Mid-City/Exposition Light Rail Transit Monthly Project Status Report

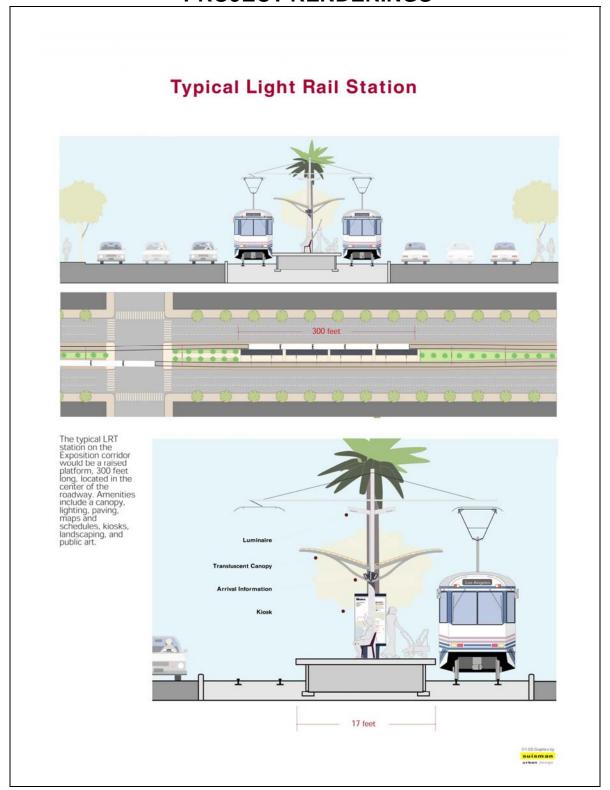
# **CHRONOLOGY OF EVENTS**

December 14, 2000	Completed Administrative Draft EIS/EIR for FTA review.
December 14, 2000	Begin FTA Administrative Draft EIS/EIR review period.
March 30, 2001	Approved to circulate and notice availability.
April 14, 2001	Conducted Public Hearings (3 hearings).
June 28, 2001	Metro Board adopts Locally Preferred Alternative and Draft EIS/EIR.
October 1, 2002	Begin Consultant Special Studies of Mid-City/Exposition LRT Project Supplemental Grade Crossing Mitigation Analysis.
January 13, 2003	Commenced Preliminary Engineering to support Administrative Final EIS/EIR.
June 1, 2003	Conducted Peer Review of Project Design Standards, Project Value Engineering, Cost Estimate and Grade Crossing Mitigation Analysis.
August 28, 2003	Metro Board Consideration of Peer Review & Value Engineering recommendations.
February 2, 2004	Completed initial Preliminary Engineering drawings to support Administrative Final EIS/EIR.
March 1, 2004	Completed Administrative Draft EIS/EIR for FTA review.
December 1, 2004	Completed Initial Preliminary Engineering.
December 13, 2004	Begin FTA Administrative Draft EIS/EIR review period.
July 29, 2005	FTA review Final EIS/EIR and approve for circulation.
October 4, 2005	Final FEIS/FEIR released for Public Review.
November 2005	Final FEIS/FEIR Public Review . Three Open House events were conducted.

# **PROJECT RENDERINGS**



# **PROJECT RENDERINGS**

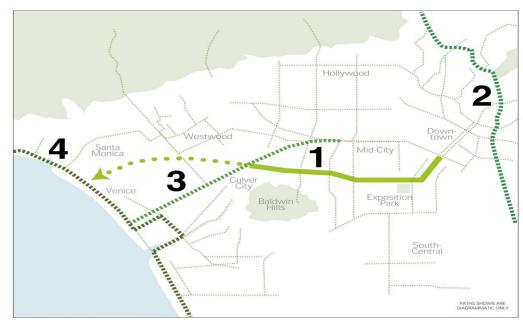


#### **PROJECT RENDERINGS**

## **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

# Mid-City/Exposition Light Rail Transit Monthly Project Status Report

**Document Development Status** 

	ESTIMATED/ACTUAL					
		ESTIMATED/ACTUAL				
DOCUMENT	STATUS	COMPLETION DATE				
Quality Assurance/Quality Control Plan	Accepted by Metro 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)	A Draft PMP has been submitted and will be finalized once Metro and the Exposition Metro Line Construction Authority MCA is executed.	January 2006				
NEPA/CEQA Process	The 45-day public review period of the FEIS began on 10/14/05. Metro Board approval is anticipated in December 2005, with FTA issuance of ROD anticipated in late January 2006.	January 2006				

# 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.

## Mid-City/Exposition Light Rail Transit Monthly Project Status Report

#### **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

## Mid-City/Exposition Light Rail Transit Monthly Project Status Report

#### **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

METRO Los Angeles County Metropolitan Transportation Authority

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

## **Monthly Project Status Report**

## **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