

# ExpressLanes



**Metro**

# **METRO LA CRD (ExpressLanes) PROGRAM**

## **MONTHLY 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).

**AUGUST 2011**

## **TABLE OF CONTENTS**

	Page No.
Program Overview & Status.....	1-5
Management Issues.....	6-11
Program Status	
• Program Scope.....	12-15
• Schedule	
○ Key Milestones Six-Month Lookahead .....	16
○ Program Summary Schedule .....	17
○ Critical Path Narrative.....	18-20
• Program Cost Status/Financial Grant Status.....	21-26
• Staffing.....	27
• Real Estate.....	28
• Environmental.....	29
• Community/Media Relations.....	30
• Quality Assurance.....	31
• Safety.....	31
• Third Party.....	32-36
Contract Status/Construction Photographs.....	37-42
Chronology of Events.....	43-44
“Go Live” Deployment Schedule.....	45
LA CRD Pre-Deployment Data Collection.....	46-61
Appendices.....	62-65

## **PROGRAM OVERVIEW & STATUS**

*Metro, Caltrans, and other mobility partners are working together to develop a package of solutions that will increase traffic flow and provide better travel options on I-10 and I-110 in Los Angeles County. ExpressLanes is a one-year demonstration program that will test innovations to improve existing transportation systems in three sub-regions: the San Gabriel Valley, Central Los Angeles and the South Bay Cities. These three sub-regions represent nearly 50 percent of both population and employment in LA County.*

*The Program Goal is to improve mobility and provide congestion relief on I-10 and I-110 corridors through the introduction of congestion pricing by converting High Occupancy Vehicle (HOV) lanes to High Occupancy Toll (HOT) lanes, improvement of transit service and other alternatives to driving, improvements to transit facilities, and the implementation of an intelligent parking management system in downtown Los Angeles.*

*This program offers improved transportation options and a choice for drivers of single occupant vehicles (SOV) to pay to travel in a high occupancy lane. The minimum toll per mile is \$0.25 and the maximum toll per mile is \$1.40. The general purpose lanes will not be tolled. An additional aim of the program is to foster incentives for sustainable change that creates travel time savings, increased trip reliability, cost savings, improves air quality and effectively manages our current roadway network.*

*The federal grant name for this Program is the Los Angeles County Congestion Reduction Demonstration (LA CRD). It is estimated that more than 2,400 construction-related jobs will be generated by this program.*

### **PROGRAM MANAGEMENT**

**Based upon percent expended, the Program is 30.9% complete.** Staff continues to work with Caltrans to address potential issues of conflict which may arise as a result of work they are currently performing related to the I-10 Rehab Project and other contractors working for Caltrans on the I-110 and I-10 Freeways. Staff is reviewing existing contracts and their status in order to manage any risk to our ExpressLanes program.

### **TOLL INFRASTRUCTURE AND FREEWAY/ROADWAY IMPROVEMENTS**

This element has completed the Environmental and Preliminary Design phases. Caltrans is the lead agency for the NEPA and CEQA Environmental Documents. On April 28, 2010, the Final EIR/FONSI for the I-10 and I-110 HOT Lanes was approved. On May 14, 2010 the Environmental Assessment was approved. Upon concurrence from FHWA, the Design-Build-Operate-Maintain (DBOM) RFP was released on June 7, 2010. Five addenda were issued to the RFP. Three proposals were received on August 31, 2010. The DBOM Contract was awarded to Atkinson Contractors, LP on December 16, 2010. The Notice to Proceed (NTP) was given to the contractor on January 11, 2011. During June 2011 the DBOM contractor submitted the Final Design Documents for the I-110 ExpressLanes. The groundbreaking ceremony for the start of construction of the ExpressLanes was held July 6<sup>th</sup> at 9:00 am at the Artesia Transit Center. **Construction for the sign foundations started in early August on the I-110 freeway and is expected to start in late September on the I-10 freeway.**

## **PROGRAM OVERVIEW & STATUS (Contd)**

Staff continues to work with FTA/FHWA partners regarding the need for a schedule extension to ensure all roadway and tolling installations are completed prior to opening the HOT Lanes. Due to the high risk posed by the ongoing work being performed by the Caltrans I-10 Rehab contractor on the I-10 corridor, Metro is in discussions with FHWA to have the I-110 tolling operation open before the I-10 tolling operation.

***The projected start of revenue operations on the I-110 Hot Lanes is October 2012 and the projected date for the start of revenue operations on the I-10 Hot Lanes is February 2013.***

Project Study Report (PSR): Adams Blvd. Figueroa St. HOV/HOT Lane Flyover – Metro and Caltrans executed a funding agreement on April 27, 2011 for Caltrans to perform a PSR and complete the environmental work for an extension of the I-110 HOV/HOT lanes from their current terminus at Adams Blvd. Caltrans held a kickoff meeting June 7th. The PSR is scheduled to be completed in April 2012 and the environmental work is to be completed in September 2013. In July Caltrans was informed by the Governor's office that it cannot perform any reimbursable work until November. This may delay the completion of the PSR. Staff is working with Caltrans to determine if any schedule/scope adjustments can be made to get the PSR back on track for an April 2012 completion.

### TRANSIT SERVICE IMPROVEMENTS

59 new clean-fuel buses will be operated to support the demonstration program. Metro continues to operate its new Silver Line service connecting passengers to the El Monte and Artesia Transit Centers. Phase I of the enhanced Silver Line service (increased frequencies for AM peak) began on the Harbor Transitway portion of the Silver Line June 26, 2011. ***For the month of August, the Silver Line Harbor Transitway (Phase I) weekday boardings total was 3,429 which represents a 24.10% increase in ridership since the Phase I service changes in June 2011. For the month of August the combined Harbor Transitway and El Monte Busway Silver Line weekday boardings total was 9,730 which represents a 47.16% increase in ridership since the Silver Line started service in December 2009. For week day service in August, the Silver Line had an On-Time performance of 82.6%.***

All of our municipal transit partners – Gardena, Foothill and Torrance have placed the order for their buses. Gardena has received its 2 buses and has completed the Post Delivery Inspection (PDI) process. ***In June, all bike racks for the buses were procured and in August all bike racks were installed on the two buses (and all bus fleet) and were in service August 22, 2011.*** All 12 NABI 42 ft. CNG buses for Foothill Transit have been procured and accepted into their fleet. Foothill transit is in the process of preparing the grant application for the operating subsidy. Torrance Transit has met with New Flyer and decided to cancel its order for hybrid buses, due to the propulsion company declaring Chapter 11 bankruptcy. ***The buses have been ordered and anticipated to arrive in October 2011.***

## **PROGRAM OVERVIEW & STATUS (Contd)**

Municipal operators will deploy their buses upon opening day of the ExpressLanes. For Gardena and Torrance this will be October 2012 and for Foothill Transit this will be February 2013.

LADOT completed the signal design plans of 19 intersections in February 2010. Due to changes in the ARRA project construction scope, the project must be redesigned to continue the interconnect link to the ATSAC Center. All bids were cancelled April 20, 2011. Project is scheduled for redesign. Preliminary conduit path investigation into ATSAC Control Center completed in May 2011. Project design to be updated in August/September 2011. Construction is now scheduled for completion January 2012. System Integration is scheduled for completion February 2012.

### **TRANSIT FACILITY IMPROVEMENTS**

***El Monte Transit Center*** – Completed construction for Contract C0934R for Demo, Repave and Lighting Installation over the former Old Transportation Bldg. Completed construction at Power Chevrolet; Completed demolition of the Metro Transportation Building and completed paving at the site. Contract C0959 for the temporary terminal was awarded to S.H.E. for \$657K with NTP issued April 20, 2010; construction was completed on September 3<sup>rd</sup> and the transition to the temporary terminal took place in early September. The Gas Co. 20" gas main connection and relocation tasks were substantially completed in January 2011. Contract for \$39 million was awarded on June 18, 2010 to KPRS Construction Services, Inc. Notice to Proceed was issued 8/13/2010. A formal groundbreaking ceremony for the new El Monte Transit Center was held on September 22, 2010. Demolition of existing bus facility commenced on October 8, 2010 and was completed in November 2010. In November during initial excavation of the north roadway and former station area, contaminated soil impacted with lead and total petroleum hydrocarbons (TPH) was discovered. Additional soil investigation has identified significant contamination. Final cost impacts remain under evaluation as soils disposal activities progress. Metro issued a change order for a 99 calendar day time extension to KPRS to address the soils handling delay impacts. North Access Road construction was completed in February 2011 which will allow for the smoother flow of bus operations into the Temporary Terminal. The excavation and contaminated soils handling is complete with final cost impacts under evaluation. ***In August 2011, utility stubouts were completed with activities ongoing for station walls, column construction and foundation pours.*** Station construction completion is now projected to be August 2012 with the Temporary Terminal restoration projected to be October 2012.

***Patsaouras Plaza*** – Received Caltrans approval of PR/PSR in May. 100% Advanced Conceptual Engineering was completed in September 2010. Effective June 2011 all major design issues were handled and no further design support is required. Due to the following factors: funding limitations and the pending Constructability Review for impacts to the ExpressLanes staff will present a Recovery Plan to the Board with a formal action in October.

## **PROGRAM OVERVIEW & STATUS (Contd)**

**Harbor Transitway** – This project will have at least 5 procurements. The low bid at \$547K was awarded to Minco Construction for the Artesia Law Enforcement substation & CCTVs with NTP issued March 2010 and construction was completed in October 2010. The low bid at \$443K was awarded to Lime Inc. for the Station lighting & UPS with NTP issued June 2010. Construction was completed in December 2010. Contract of \$912,500 for the sound enclosure was awarded to low bidder, Peterson Chase, on August 18, 2010. NTP was issued in October 2010. Project completion has been delayed because the sound enclosure design was rejected by Caltrans and the Contractor must re-design the project. Caltrans has indicated it will take 4-6 weeks to review the re-design. To mitigate the delay, staff has requested additional support from the Metro Third Party Administration to work with Caltrans to accelerate their review and Metro procurement staff is working with the Contractor to accelerate their re-design. Construction is now scheduled to be completed by October 2011. For the bus stop cutouts, the low bid of \$235,000 was awarded to RC Becker in March 2011 and NTP was provided on April 15, 2011. **Construction for bus stop cutouts was completed in August 2011. Project Contract C0986 CCTV's award may result in the project exceeding its authorized LOP budget and staff is monitoring to see if additional funds are necessary to award the contract. Contract C0986 is tentatively planned for award in September 2011, Notice to Proceed for October 2011 and CCTV completion for April 2012.**

**Division 13 Facility** - The 100% design which incorporated the final 100% Metro design comments was approved on October 22, 2010 reflecting a 4 month delay from the July 2010 due date. Project was awarded a USDOT discretionary grant of \$47.75 million in October. Project Management staff advertised the procurement package on May 2, 2011 with a Prebid Meeting held on May 6, 2011. Due to greater than anticipated RFI's on the bid package, staff has extended the bid due date from August 2011 to September 2011. Construction is currently scheduled to be completed by November 2013.

**Pomona Metrolink Station** – In May, 143 new parking spaces were opened for use east of the existing parking spaces. Construction of the temporary platform to board passengers on Main Track 2 (MT-2) traveling toward San Bernardino was completed and put into Service on June 20, 2010. In December the contractor completed widening of the platform and construction of the new east entrance. The platform was accepted for beneficial occupancy and put into service on December 15, 2010, along with the new east entrance with new pedestrian crossings. The MOU milestone of completion (beneficial occupancy) by December 30, 2010 has been achieved. For May 2011, project is at 95% closeout. The last progress payment has been processed and paid by SCRRA. The closeout book has been completed and submitted to SCRRA's Contracts Dept. The contractor has requested release of the remaining retention. Project close out completed in July.

## **PROGRAM OVERVIEW & STATUS (Contd)**

### DEMAND-BASED PARKING PRICING (EXPRESSPARK)

On August 31, 2010, Caltrans approved the E-76 for the PE 2 Phase of ExpressPark. Two qualified proposals were received on December 17, 2010. Because both proposals received exceeded the project budget, LADOT prepared additional guidance and a revised scope to be sent to the proposers. LADOT's Evaluation Panel completed its work on April 6, 2011, and recommended that ACS State & Local Solutions be selected as the prime contractor for ExpressPark. The second proposer filed a protest. The formal protest of the contractor selection process was withdrawn on May 20, 2011. Due to the processing of the protest, the scheduled contract award date of September 2011 will likely slip.

LADOT Board of Transportation Commissioners approved the ExpressPark contractor selection and forwarded their report to the Mayor and the CAO on June 9, 2011. The CAO's report was submitted for review on July 29<sup>th</sup> to the City Council. ***On August 12, 2011, the L.A. City Council unanimously approved the CAO report, authorizing LADOT to execute the contract with ACS for the implementation of the ExpressPark Intelligent Parking Management Project. Also, the City Council provided LADOT the authority to adjust on-street parking meter rates in the ExpressPark project area. LADOT expects to execute the contract with ACS and issue the notice to proceed during the month of September 2011.***

## **MANAGEMENT ISSUES**

**Concern No. 1: Program Risk Register**

**Status/Action** *The Risk Register was updated in August to reflect the issues raised during the last quarter, and was circulated for review.*

**Concern No. 2: Tolling Agreement**

**Status/Action** Tolling agreement with USDOT has not been finalized. Revised draft language from USDOT was reviewed by Metro and Caltrans in June. Anticipate execution of the agreement by the end of December 2011.

**Concern No. 3: Patsaouras Plaza Connector Business Case**

**Status/Action** Metro is currently reviewing whether or not there are construction schedule conflicts between the Expresslanes and Patsaouras projects. This process is expected to be completed in September 2011 so that any identified impacts or conflicts can be mitigated. In addition, the cost increase for the El Monte Station due to the removal of soil contamination, reduces the funds available to build the Patsaouras Plaza Connector. ***This month, it was determined that the recent purchase of Union Station and expected Master Plan will not impact the design of Patsaouras Plaza. This month, staff did submit an application for discretionary grant funds.*** Staff will present a Recovery Plan to the Board with a formal action in October.

**Concern No. 4: El Monte Station Soil Contamination & Project Budget Increase**

**Status/Action** In November 2010, a pocket of soil contamination was discovered during initial excavation of the north roadway and former station area. Greater than anticipated contaminated soils was encountered during the initial grading and excavation activities resulting in a slowdown of construction activities to assess safe and correct handling of the contaminated materials. The cost to remove the contaminated soil is estimated at \$6 million. However, final cost impacts remain under evaluation as soils disposal activities progress. Excavation of the contaminated soil commenced in February 2011 and will be complete in June 2011. In addition to the contaminated soils, the Contractor has encountered severe amounts of trash and debris within the excavation such as concrete, steel, bricks, railroad ties, and telephone poles. Due to the excavation of contaminated soil and the mass of other debris found on the site, and other factors, the project budget has increased to a projected \$60 million. Staff will present a Recovery Plan to the Board with a formal action in October.

## **MANAGEMENT ISSUES (Contd)**

Metro issued a change order for a 99 calendar day time extension to KPRS to address the soils handling delay impacts. Station construction completion is now projected as August 2012 with the Temp Terminal Restoration projected as October 2012.

### **Concern No. 5: LADOT – TPS Cancellation of Bids**

**Status/Action** Project assumed completion of ARRA TPS-ATSAC Communications System Rehabilitation, which was supposed to provide interconnect capacity for transit signal priority. Due to changes in the ARRA project construction scope, the project must be redesigned to continue the interconnect link to the ATSAC Center. The bids have been cancelled and the project will be redesigned. The new bid package is anticipated to be completed August/September 2011. Construction is now scheduled for completion January 2012. System Integration is scheduled for completion February 2012.

### **Concern No. 6: Caltrans Has Various Construction Contracts on the I-10 and I-110 Freeway That May Impact the ExpressLanes Project**

**Status/Action** Caltrans has various contractors working on I-10 and I-110 Freeway that may impact construction work and revenue operations for the DBOM Contract. Metro is coordinating closely with Caltrans to eliminate any impacts that these Caltrans Contracts may have on the ExpressLanes Project.

### **Concern No. 7: ExpressLanes Project Work Adjacent to SCRRRA on I-10**

**Status/Action** Metro and DBOM Contractor have initiated coordination with SCRRRA's staff to review and approve final DBOM Contractor's design along the I-10 adjacent to SCRRRA's operation. Meetings and close coordination with SCRRRA are taking place to eliminate any potential conflicts that the ExpressLanes Project construction may have on SCRRRA's operation along the I-10 Freeway.

### **Concern No. 8: Electrical Power Connections for the Express Toll Lanes Signs Along the I-10 and I-110 Freeways**

**Status/Action** Metro and the DBOM Contractor are working closely with DWP and SCE to finalize all power connections for the various Express Lanes Toll Signs and equipment. The majority of the power connections have already been designed and good construction progress is being made with DWP and SCE to avoid any impacts to Project.

## **MANAGEMENT ISSUES (Contd)**

**Concern No. 9: Schedule Slippage by Caltrans I-10 Rehab Contractor Which Has a Potential in Impacting the ExpressLanes Project During the Construction Phase**

**Status/Action** *The schedule for Caltrans I-10 Rehab Contract has slipped further and is now projected to complete in April 2012.* This has a serious potential impact to the construction schedule for the DBOM Contract for the ExpressLanes Project. Metro is working closely with Caltrans to minimize impacts to the ExpressLanes Project Schedule.

**Concern No. 10: Removal of Caltrans 12 Fiber Cable and Replacing it with 72 Fiber Cable Along the 110 Freeway**

**Status/Action** Field investigation has revealed that there is a 24 fiber line inside the same conduit as the 12 fiber line making the removal of the 12 fiber line very difficult without damaging the 24 fiber line. Caltrans also is not allowing the removal of this 12 fiber line until Caltrans back up loop system that is presently down is repaired by Caltrans. Close coordination is taking place between Metro, Caltrans and the DBOM Contractor to advance this work without impacting the completion schedule.

**Concern No. 11: Increased Traffic from LA Downtown to the Entrance of Express Toll Lanes at Alameda After Express Toll Lanes Open to Revenue Traffic**

**Status/Action** PB, upon Metro's request, performed a traffic analysis of the existing intersection at Alameda and the El Monte Busway which is the entrance to the future I-10 ExpressLanes. Also discussions have been ongoing with LADOT to ensure that any increase in traffic at this location resulting from the opening of the ExpressLanes Project is properly handled without creating any traffic backup on Alameda. LADOT is reviewing PB's analysis.

**Concern No. 12: The Express Lanes Schedule Extension Request**

**Status/Action** *Schedule extension request was submitted to FHWA and shows the I-110 ExpressLanes opening in October 2012 and the I-10 ExpressLanes opening up in February 2013. FHWA to respond.*

## **MANAGEMENT ISSUES (Contd)**

**Concern No. 13:** Caltrans to Issue Change Order to Caltrans I-10 Rehab Contractor to Perform Final Striping on the General Purpose (GP) Lanes on I-10 Freeway in 2012 to Conform to the Final Striping Configuration Required for the ExpressLanes Project

**Status/Action** Metro is coordinating this effort with Caltrans.

**Concern No. 14:** City of Los Angeles Department of Transportation (LADOT) and Bureau of Engineering (LABOE) to Provide Timely Reviews of the Designs for the Adams Blvd. Bridge Widening and the New Pedestrian Bridge at Adams Blvd. in Support of the Express Toll Lanes Project Schedule

**Status/Action** Metro is working with City of Los Angeles so that the City of Los Angeles provides the required support.

**Concern No. 15:** Modification of the Overhead Catenary System (OCS) at Adams and S. Flower Required for the Widening of the Adams Blvd. Bridge

**Status/Action** The Express Lanes Project Team is working closely with Metro's Operations Department and the Expo Authority to perform the OCS modifications prior to Expo Line Revenue Operations Date to minimize construction impacts.

**Concern No. 16:** The Widening of the Adams Blvd. Bridge Requires Modifications at the Adams Blvd. and S. Flower Intersection on the Expo Line Rail Crossing. This *May Require* a PUC Application and Approval

**Status/Action** *The Express Lanes Project Team will be having ongoing discussions with PUC and an early application will be submitted if required to ensure the Express Lanes Project schedule is not impacted.*

**Concern No. 17:** Timely Reviews and Resolution of Comments by Caltrans of the Various DBOM Contract Design Packages on the I-110 and the I-10 Freeways

**Status/Action** Metro is working closely with Caltrans IPO Project Coordinator and other Caltrans staff to ensure that the Express Lanes Project Schedule is not impacted.

## **MANAGEMENT ISSUES (Contd)**

**Concern No. 18: Caltrans Work Stoppage on Reimbursable Work for the I-110 Flyover PSR**

**Status/Action** In July Caltrans was informed by the Governor's office that it cannot perform any reimbursable work until November. This may delay the completion of the PSR. Staff is working with Caltrans to determine if any schedule/scope adjustments can be made to get the PSR back on track for an April 2012 completion.

**Concern No. 19: Installation of Express Tolling Signs Along the I-105 Freeway Adjacent to the Metro Green Line may impact the ExpressLanes Project Schedule and the Operation of the Metro Green Line**

**Status/Action** ExpressLanes Project staff is working closely with the DBOM Contractor, Metro Green Line Operations staff and Caltrans to minimize impacts to the Metro Green Line Operations and mitigate any delays to the ExpressLanes Project Schedule.

**Concern No. 20: FTA Quarterly Review Comments (August 2011)**

**Status/Action** *Comments to be addressed include: protection of the Patsaouras Plaza budget until such time a decision on its being constructed is made; Patsaouras Plaza CRD funds may not be used on the El Monte Station project; submittal of a Recovery Plan that addresses the increased cost of the El Monte project and allows construction of the Patsaouras Plaza project at its current cost estimate, pursuant to the scope contained in the discretionary grant application.*

**Concern No. 21: FTA PMOC Assigned to Review Project Costs for both El Monte Station and Patsaouras Plaza, including a review of all factors contributing to the cost increase of the El Monte Project.**

**Status/Action** *Staff will provide PMOC with all of the cost detail requested in September.*

## **MANAGEMENT ISSUES (Contd)**

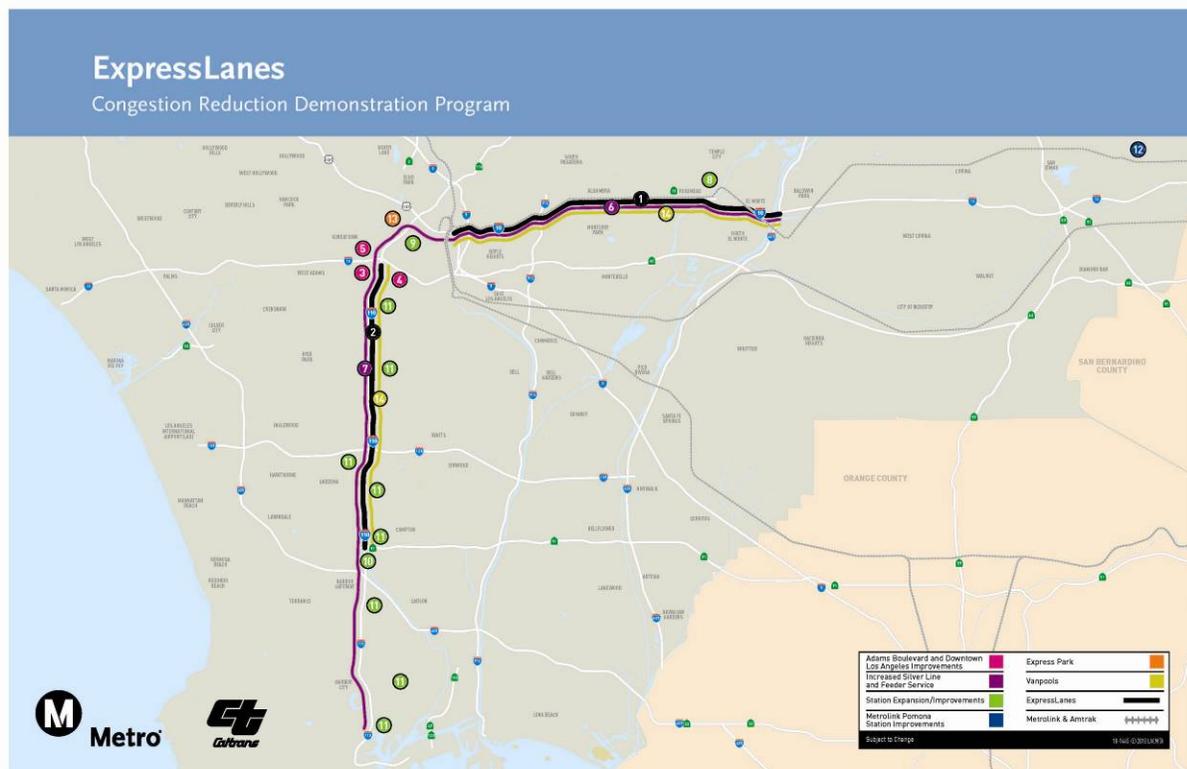
**Concern No. 22:** *Unanticipated Additional BMPs Requested by Caltrans to be Constructed by the ExpressLanes Project will Impact the ExpressLanes Project Schedule and Cost*

**Status/Action** *Metro staff is working closely with Caltrans to obtain a waiver from Caltrans in having to construct these additional BMPs on the ExpressLanes Project which are unrelated to the Project Scope of Work.*

**Concern No. 23:** *Additional Drainage Requirements on I-110 Freeway in the Vicinity of the I-105 Connector That May Be Required Due to the Future Restriping in the Vicinity of the Weave Areas*

**Status/Action** *DBOM Contractor is finalizing surveys in the area to establish the scope of work. Metro will be coordinating closely with Caltrans to review and approve the additional drainage requirements work so it can be scheduled to avoid impacts to project schedule.*

## PROGRAM SCOPE



Los Angeles County Metropolitan Transportation Authority and Caltrans have partnered with Foothill Transit, Gardena Municipal Bus Lines, Los Angeles Department of Transportation, Southern California Regional Rail Authority (Metrolink) and Torrance Transit, to develop a package of solutions to increase traffic flow and provide travel options on the I-10 and I-110 freeways in Los Angeles County. These solutions will be incorporated into a one-year demonstration that will test new technologies to improve the existing transportation system called ExpressLanes.

The program goal is to improve mobility and provide congestion relief on the I-10 and I-110 freeways through the introduction of congestion pricing by converting High Occupancy Vehicle (HOV) Lanes to High Occupancy Toll (HOT) Lanes, improvements to the transit service along the freeways, transit facility improvements, increased funding for vanpools and the introduction of an intelligent parking management program, called ExpressPark, in downtown Los Angeles.

This program offers improved transportation options and a choice for drivers of single occupant vehicles (SOV) to pay to travel in a high occupancy lane. The general purpose lanes will not be tolled. The aim of the program is to foster incentives for sustainable change that creates travel time savings, increased trip reliability, cost savings, improved air quality and effectively manages our current roadway network.

## **PROGRAM SCOPE (Contd)**

The features of the ExpressLanes program include:

### **1) TOLL INFRASTRUCTURE AND FREEWAY/ROADWAY IMPROVEMENTS**

- **I-10 HOV Conversion to HOT Lanes (I-605 to Alameda St./Union Station) and I-110 HOV Conversion to HOT Lanes (Artesia Transit Center to Adams Blvd.)** – an electronic toll collection system will be constructed that includes toll infrastructure, changeable message and static signage, transponders, cameras, back-office administration and management, CHP enforcement, and incident management response.
- **Add 2<sup>nd</sup> HOT Lane on I-10 (between I-605 and I-1710)** – a 2<sup>nd</sup> HOT lane will be added on the I-10 between I-605 and I-710 in both the eastbound and westbound directions. This will be accomplished by re-stripping the existing enforcement zone buffer and minor roadway widening.
- **Widen Adams Blvd. and Lane Modifications to Adams Blvd Off-Ramp** – modifications at Adams Blvd. include re-configuration to include two dedicated left turn lanes and one dedicated right turn lane. Widening of Adams Blvd. will require the sidewalk to be taken to add an additional dedicated right turn in the westbound direction. To replace the sidewalk, a pedestrian over-crossing will be constructed over the I-110 freeway on the north side of Adams Blvd.
- **Project Study Report (PSR): Adams Blvd.-Figueroa St. HOT Lane Flyover** – funding will be provided to Caltrans to perform a PSR to identify alternatives to connect from the northbound I-110 HOT Lanes to Figueroa St. The PSR will be coordinated with the Harbor Freeway Cap Park Feasibility Study lead by the City of Los Angeles.

### **2) TRANSIT SERVICE IMPROVEMENTS**

- **Enhanced Silver Line BRT and Feeder Services** – Funding will be provided to Metro for 41 new CNG buses to enhance service on the I-10 and I-110 and create a new dual-hub BRT. In addition, Foothill Transit will deploy 12 new buses, Gardena Transit will deploy 2 new gas-hybrid buses and Torrance Transit will deploy 4 new buses to improve additional commuter bus service on both the I-10 and I-110. During the 1-year Demonstration period, Foothill, Torrance and Gardena will also receive an operating subsidy for their expanded service. Metro enhanced Silver Line service will be implemented in two phases – Phase I in FY12 and Phase II in FY13. All enhanced Metro Silver Line service will be in place prior to the opening of the ExpressLanes. Municipal operators will deploy their buses upon opening day of the ExpressLanes. For Gardena and Torrance this will be October 2012 and for Foothill Transit this will be February 2013.

## **PROGRAM SCOPE (Contd)**

- **Transit Signal Priority in Downtown Los Angeles** – The LADOT will install bus signal priority technology on Figueroa St. between Wilshire Blvd. and Adams Blvd. (15 signals) and Flower St. between Wilshire Blvd. and Olympic Blvd. (5 signals) to enhance transit operations. This project will also extend the existing AM peak-period northbound bus-only lane on Figueroa St. to cover the PM peak-period.
- **Vanpools** – Activities to support the formation of 100 new vanpools include marketing and vanpool start-up costs such as training community groups to form commuter vanpools and ensure that vanpools are created and retained, ride-matching software, driver (or other empty seat subsidies), back-up driver training exams and parking lot leases.

### **3) TRANSIT FACILITY IMPROVEMENTS**

- **El Monte Transit Center Improvements** – a new 30-bay bus terminal will be constructed at the current El Monte Transit Center location to accommodate service improvements and expansion. This will add capacity for Metro's dual-hub BRT service and Foothill's Silver Streak service and will be LEED Gold Certified.
- **Patsaouras Plaza Connector to the El Monte Busway** – the existing passenger boarding/alighting areas located at the corner of Alameda St. and the Busway entrance will be relocated to the south side of Patsouras Plaza to allow direct pedestrian access to the Plaza and Union Station.
- **Division 13 (formerly Union Division)** – a new bus operations and maintenance facility will be constructed adjacent to Metro headquarters. This new facility will house and operate a mixed fleet of approximately 200 CNG buses and will be built to accommodate 40-foot, 45-foot and 60-foot articulated buses. It will also include bus and automobile parking, administrative offices, a maintenance shop and all associated maintenance equipment and will be LEED Silver Certified.
- **Harbor Transitway Park and Ride Improvements** – improvements will include enhanced signage, lighting and security at 8 Park and Ride lots. A Sheriff's Substation will be constructed at Artesia Transit Center. New bike lockers will be installed and bus stops will be re-located for lines 108 and 115 so that they are under the Slauson and Manchester Transitway stations. And at the 37<sup>th</sup> Street Station translucent and architectural sound attenuation panels will be installed to reduce noise levels for waiting customers on the Harbor Transitway. Design of the panels is based on noise testing and analyses conducted by noise experts, the architecture of the station and Caltrans requirements. Before and after noise data will be collected to evaluate whether or not additional sound attenuation projects are implemented in the future at other freeway adjacent stations.
- **Pomona Metrolink Station Expansion** – this project consists of new pedestrian access improvements, 143 new parking spaces and the extension of the platform to accommodate additional rail cars at the Pomona (North) Metrolink Station that serves the San Bernardino Line. Operation of extended trains is projected to begin sometime in early 2011 on the San Bernardino Line.

## **PROGRAM SCOPE (Contd)**

### **4) DEMAND-BASED PARKING PRICING**

- **ExpressPark** – the LADOT will deploy new parking meter technology to 5,500 on-street metered parking spaces in the Central Business District, Chinatown, Civic Center, East Downtown, Little Tokyo and Washington/Broadway. These new meters will charge demand-based parking rates depending on the time of day and length of stay. They will also provide alternative payment options (i.e. credit card, cell phone). In addition to the on-street meters, occupancy reporting systems will also be implemented for the major City-owned off-street parking facilities (approx 7,500). Real-time parking information for 13,000 public on- and off-street parking spaces will be provided through various media including: websites, mobile phones, and on-street dynamic message signs.

**KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD**

	Milestone Date	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12
<b>HOT Lane Project</b>							
Fiber Optic Approval For Construction	8/31/11A	○					
I-10 100% Electrical/Communication Design	09/02/11		○				
Adams Boulevard 100% Design Submittal	09/07/11		○				
I-10 100% Civil/Structural Approval For Construction	09/09/11		○				
I-110 Electrical/Communication Approval For Construction	10/10/11			○			
Adams Boulevard Approval For Construction	10/19/11			○			
I-10 Electrical/Communication Approval For Construction	10/28/11			○			
<b>Transit Facilities Improvement</b>							
<b>Division 13 - New Construction</b>							
Advertise Contract	09/15/11		M Metro				
Construction Contractor Award	11/03/11				M Metro		
Construction NTP	11/29/11				M Metro		
<b>Harbor Transit Way Improvement</b>							
Slauson & Manchester St Bus Stop Cut Outs	8/10/11A	○					
37th Sta Pilot Installation Sound Enclosure	10/31/11			○			
<b>El Monte Transit Center</b>							
Footing Excavation	09/02/11		○				
Underground Plumbing	09/07/11		○				
Underground Electrical	09/14/11		○				
Concrete Footing	09/23/11		○				
Concrete Foundation Walls/Columns	10/21/11			○			
Slab on Grade	11/03/11				○		
Interior Ramp Walls	11/07/11				○		
Mechanical & Electrical Room	12/27/11					○	
Street Level Beams & P/T Slabs	01/27/12						○
<b>Pastouras Plaza</b>							
Advertise DB Contract - PP	12/01/11					M Metro	

 Metro	Metro Milestone		Design/Build Constructors		Third Parties Approval
 CT	Caltrans Milestone	*	New Date	 FHWA	FHWA Federal Highway Administration /FTA Federal Transportation Authority Approval

## PROGRAM SUMMARY SCHEDULE

Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	2011				2012				2013				2014	
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Congestion Reduction Demonstration Program</b>																			
	<b>Congestion Reduction Demonstration Program</b>	1146	631	09-25-09 A	01-31-14														
	Community Outreach	1005	610	09-25-09 A	01-31-14														
	USDOT Agreement	31	81	12-15-10 A	12-30-11														
	Outside Agency Utility Work	672	162	10-23-09 A	04-16-12														
	Hot Lanes DBOM Construction	518	370	03-16-11 A	01-31-13														
	I-10 Rehab Construction (CALTRANS)	579	152	03-01-10 A	01-31-12														
	Transit Service Improvements (METRO)	255	42	06-15-10 A	11-01-11														
	Transit Facility Improvements (METRO)	767	541	10-08-10 A	10-28-13														
	Division 13 - New Construction	825	540	05-04-11 A	10-25-13														
	Harbor Transitway Improvements CDRP	345	164	10-25-10 A	04-30-12														
	El Monte Transit Ctr/Patsouras Plaza	767	541	10-08-10 A	10-28-13														
	Transit Signal Priority in Downtown (LADOT)	463	260	10-28-10 A	09-12-12														
	ExpressPark (LADOT)	373	373	10-26-11	03-31-13														
	Vanpools	379	379	02-01-12	08-01-13														
	CRD Data Collection	502	502	02-02-12	01-31-14														

Project ID: HOT\_Current  
 Data Date: 09-02-11

**Summary Schedule**

## **CRITICAL PATH NARRATIVE**

The Critical Path of the HOT Lanes DBOM contract runs through the Toll Implementation design/procurement/test related activities. The schedule assumes a one month end-to-end testing period for each of the corridors, following installation of the Toll Operation Service Center and two months of integrated test period for the entire system following the corridor-wide testing. Our design consultants have confirmed that those durations are adequate for the testing activities.

Staff continues to work with FTA/FHWA partners regarding the need for a schedule extension to ensure all roadway and tolling installations are completed prior to opening the Hot Lanes. Due to the high risk posed by the ongoing work being performed by the Caltrans I-10 Rehab contractor on the I-10 corridor, Metro is in discussions with FHWA to have the I-110 tolling operation open before the I-10 tolling operation. The projected date for the opening of the I-110 Hot Lanes is October 2012 and the I-10 Hot Lanes is February 2013.

### **I-10 Rehab Construction**

Caltrans I-10 Rehab contractor (Atkinson) provided Metro the latest schedule update, which shows the project completing March/April of 2012.

### **Transit Service Improvement**

Foothill and Gardena Transit – No changes to the critical path.

Torrance Transit – Bus delivery will be delayed due to Chapter 11 declaration by hybrid engine manufacturer. Bus order placed on hold pending resolution of Chapter 11 re-organization. New Flyer offered an alternative bus replacement model which is currently being evaluated by Torrance. Torrance Transit has met with New Flyer and decided to cancel its order for hybrid buses, due to the propulsion company declaring Chapter 11 bankruptcy, and instead purchase CNG buses. On April 19, 2011 the Torrance City Council approved a purchase order with New Flyer for the purchase of the buses. ***The buses have been ordered and anticipated to arrive in October 2011.***

### **Transit Facility Improvements**

El Monte Transit Center – Current contractor schedule shows the substantial completion date is September 2012. The sustained delays to critical activities on construction schedule was caused by the contaminated soil found during excavation and excessive rain days in December over the (5) rain delay days in the Baseline schedule.

Pastaouras Plaza – Due to several factors: Union Station Master Plan, funding shortfall and potential construction schedule impacts to the ExpressLanes. Staff will present a Recovery Plan to the Board with a formal action in October.

## **CRITICAL PATH NARRATIVE (Contd)**

Harbor Transitway – Project completion has been delayed because the sound enclosure design was rejected by Caltrans and the Contractor must re-design the project. Caltrans has indicated it will take 4-6 weeks to review the re-design. To mitigate the delay, staff has requested additional support from the Metro Third Party Administration to work with Caltrans to accelerate their review and Metro procurement staff is working with the Contractor to accelerate their re-design. Construction is now scheduled to be completed by October 2011. ***Project Contract C0986 CCTV's award may result in the project exceeding its authorized LOP budget and staff is monitoring to see if additional funds are necessary to award the contract. Contract C0986 is tentatively planned for award in September 2011, Notice to Proceed for October 2011 and CCTV completion for April 2012.***

Division 13 Facility – ***The projected contract award date was changed to December 2011 due to greater than anticipated RFI's on the bid package. As a result, the projected completion date for Division 13 is November 2013.***

### **Metrolink Pomona Station**

***The project is complete.***

### **Transit Signal Priority in Downtown**

The original completion date of December 31, 2010 was moved to August 31, 2011 due to a prolonged review process for the E-76 Authorization to Proceed with Construction and due to LADOT internal reorganization which resulted in Project Management being transferred to another group. Project assumed completion of ARRA TPS-ATSAC Communications System Rehabilitation, which was supposed to provide interconnect capacity for transit signal priority. Due to changes in the ARRA project construction scope, the project must be redesigned to continue the interconnect link to the ATSAC Center. The bids have been cancelled and the project will be redesigned. The new bid package is anticipated to be completed August/September 2011. Construction is now scheduled for completion January 2012. System Integration is scheduled for completion February 2012.

## CRITICAL PATH NARRATIVE (Contd)

### ExpressPark Project

LADOT's Evaluation Panel completed its work on April 6, 2011, and recommended that ACS State & Local Solutions be selected as the prime contractor for ExpressPark. The second proposer filed a protest. The formal protest of the contractor selection process was withdrawn on May 20, 2011. LADOT Board of Transportation Commissioners approved the ExpressPark contractor selection and forwarded their report to the Mayor and the CAO on June 9, 2011. ***On August 12, 2011, the L.A. City Council unanimously approved the CAO report, authorizing LADOT to execute the contract with ACS for the implementation of the ExpressPark Intelligent Parking Management Project. Also, the City Council provided LADOT the authority to adjust on-street parking meter rates in the ExpressPark project area. LADOT expects to execute the contract with ACS and issue the notice to proceed during the month of September 2011.***

**PROGRAM COST STATUS**

CONGESTION REDUCTION DEMONSTRATION PROGRAM  
COMBINED COST REPORT BY PROJECT  
METRO CONSTRUCTION MANAGEMENT DIVISION

PERIOD ENDING: AUGUST 2011  
DOLLARS

PROJECT	NOTES	ADOPTED BUDGET	CURRENT FORECAST		COMMITMENTS*		EXPENDITURES*		BUDGET / FORECAST VARIANCE
			PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	
CP 201059 - PROCURE 41 BUSES		27,214,617	-	27,214,617	-	27,214,617	-	27,214,617	-
CP 202001 - UNION DIVISION		95,000,000	-	95,000,000	83,261	13,474,241	33,529	12,437,320	-
CP 202286 - EL MONTE TRANSIT CTR & PATSOURAS CONNECTOR	4	60,106,000	-	76,801,000	141,796	52,885,973	73,897	22,394,727	16,695,000
CP 202287 - HARBOR TRANSITWAY IMPROVEMENTS	5	3,850,000	-	3,850,000	8,411	2,901,355	(97,937)	1,256,342	-
CP 210115 - BIKE LOCKERS		101,012	-	101,012	-	101,012	-	101,012	-
CP 210120 - TOLLTECHNOLOGY & ROADWAY IMPROVEMENTS	1	120,635,000	-	120,635,000	3,658,714	91,193,156	25,558	30,830,283	-
<b>METRO &amp; CALTRANS TOTAL</b>		<b>306,906,629</b>	<b>-</b>	<b>323,601,629</b>	<b>3,892,182</b>	<b>187,770,355</b>	<b>35,047</b>	<b>94,234,301</b>	<b>16,695,000</b>
<b>OTHER AGENCIES OR OTHER METRO COSTS:</b>									
METROLINK	POMONA METROLINK STATION - INC. PARKING	6	10,815,476	11,136,294	-	11,136,294	-	10,838,294	320,818
METRO	OPERATING SUBSIDY FOR DEMO		6,300,000	6,300,000	-	-	-	-	-
METRO	I-110 Adams Flyover PSR - METRO:	3	7,840,790	7,840,790	-	-	-	-	-
FOOTHILL TRANSIT	PROCURE 12 BUSES		7,500,000	7,500,000	-	7,305,825	-	7,305,825	-
FOOTHILL TRANSIT	OPERATING SUBSIDY FOR DEMO		4,000,000	4,000,000	-	-	-	-	-
TORRANCE TRANSIT	PROCURE 4 BUSES		2,800,000	2,800,000	-	2,800,000	-	-	-
TORRANCE TRANSIT	OPERATING SUBSIDY FOR DEMO		1,200,000	1,200,000	-	1,200,000	-	-	-
GARDENA TRANSIT	PROCURE 2 BUSES		1,200,000	1,200,000	-	1,200,000	-	1,129,584	-
GARDENA TRANSIT	OPERATING SUBSIDY FOR DEMO		677,736	677,736	-	-	-	-	-
LADOT	TRANSIT SIGNAL PRIORITY		1,025,912	1,025,912	-	326,035	-	326,035	-
METRO	FACILITY O&M		-	-	-	-	-	-	-
METRO	VANPOOLS		400,000	400,000	-	-	-	-	-
LADOT	EXPRESSPARK		18,500,000	18,500,000	-	77,803	-	77,803	-
<b>OTHER AGENCIES OR OTHER METRO COSTS:</b>			<b>62,259,914</b>	<b>62,580,732</b>	<b>-</b>	<b>24,045,957</b>	<b>-</b>	<b>19,677,541</b>	<b>320,818</b>
<b>TOTAL CRD PROGRAM:</b>		<b>2</b>	<b>369,166,543</b>	<b>386,182,361</b>	<b>3,892,182</b>	<b>211,816,312</b>	<b>35,047</b>	<b>113,911,842</b>	<b>17,015,818</b>

NOTE 1: \$120.6M ADOPTED BUDGET DOES NOT INCLUDE O&M COSTS FOR FIRST YEAR DEMONSTRATION.  
NOTE 2: ADOPTED BUDGET OF APPROXIMATELY \$369.2M IS THE \$331.8M BUDGET BOARD APPROVED IN DEC-10 PLUS PARTNER LOCAL MATCH AND OTHER NON-CRD FUNDS TO BE USED IN CRD PROGRAM.  
NOTE 3: FUNDED BY ISTEA EARMARK AND LOCAL MATCH  
NOTE 4: METRO BOARD REPORT IS BEING DRAFTED TO ADDRESS THE BUDGET SHORTFALL ON THIS PROJECT.  
NOTE 5: NEGATIVE EXPENDITURES SHOWN THIS PERIOD FOR THIS PROJECT ARE DUE TO ACCRUAL CORRECTIONS BY METRO ACCOUNTING.  
NOTE 6: RECONCILIATION IS IN PROGRESS FOR THE EXPENDITURES FOR METROLINK.  
\*EXPENDITURES ARE CUMULATIVE THROUGH JULY 31, 2011

**CONGESTION REDUCTION DEMONSTRATION PROGRAM  
STATUS OF FUNDS BY SOURCE AS OF JULY 31, 2011**

Ln#		(A)	(B)	(C)	(D)	(E)	(E/B+C)	(F)	(F/B+C)	(G)	(G/B+C)
		Original Budget	Total Funds Anticipated	Add'l Funds Anticipated	Total Funds Available	Commitments		Expenditures		Billed to Funding Source	
						\$	%	\$	%	\$	%
1	Federal - Section 5309 <sup>(1)</sup>	\$ 210,600,000	\$ -	\$ -	\$ -	\$ -		\$ -		\$ -	
2	Federal - Section 5307 <sup>(2)</sup>	\$ -	\$ 83,516,000	\$ -	\$ 77,636,999	\$ 80,769,691	96.7%	\$ 52,728,351	63.1%	\$ 52,548,465	62.9%
3	Cities' match to Section 5307 <sup>(2)</sup>	\$ -	\$ 2,256,000	\$ -	\$ 2,256,000	\$ 2,257,793	100%	\$ 1,719,710	76.2%	\$ 1,719,710	76.2%
4	Federal - CMAQ (transferred from 5307)	\$ -	\$ 76,400,000	\$ -	\$ 76,158,521	\$ 51,611,112	67.6%	\$ 1,099,208	1.4%	\$ 975,038	1.3%
5	Federal - CMAQ	\$ -	\$ -	\$ 18,300,000	\$ 6,000,000	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
6	Federal - Section 5309 State of Good Repair	\$ -	\$ -	\$ 47,750,000	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
7	Section 5308 Clean Fuel	\$ -	\$ -	\$ 5,500,000	\$ 5,500,000	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
8	Other agencies' Federal Funds	\$ -	\$ -	\$ 9,732,591	\$ 9,690,959	\$ 3,459,959	35.6%	\$ 3,459,959	35.6%	\$ 3,459,959	35.6%
9	State - Prop 1B SLPP <sup>(3) (4) (7)</sup>	\$ -	\$ 10,550,000	\$ 9,450,000	\$ 20,000,000	\$ 14,575,983	72.9%	\$ 14,575,983	72.9%	\$ 9,037,477	45.2%
10	State - Prop 1B Transit	\$ -	\$ -	\$ 36,622,816	\$ 17,692,816	\$ 13,349,926	36.5%	\$ 12,313,005	33.6%	\$ 12,136,405	33.1%
11	Local - Measure R 35% <sup>(6)</sup>	\$ -	\$ 3,586,931	\$ -	\$ 3,586,931	\$ 3,586,931	100%	\$ 3,586,931	100.0%	\$ 3,586,931	100%
12	Local - Prop C 40% <sup>(6)</sup>	\$ -	\$ 13,025,069	\$ 124,315	\$ 13,149,384	\$ 12,385,114	94.2%	\$ 5,957,862	45.3%	\$ 5,912,890	45.0%
13	Local - Prop C 25% <sup>(6) (7)</sup>	\$ -	\$ 18,905,000	\$ 12,573,158	\$ 28,355,000	\$ 25,377,576	80.6%	\$ 15,526,606	49.3%	\$ 9,988,100	31.7%
14	Local - Prop C 10% <sup>(6)</sup>	\$ -	\$ 1,120,000	\$ -	\$ 1,120,001	\$ 1,116,608	99.7%	\$ 1,116,608	99.7%	\$ 1,116,608	99.7%
15	Local- Capital Projects Repayment <sup>(6)</sup>	\$ -	\$ 1,241,000	\$ -	\$ 1,241,000	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
16	Local - SAFE <sup>(4)</sup>	\$ -	\$ -	\$ 4,039,000	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
17	Other agencies' contribution	\$ -	\$ -	\$ 14,822,034	\$ 9,374,165	\$ 1,068,461	7.2%	\$ 1,068,461	7.2%	\$ 1,068,184	7.2%
	<b>TOTALS</b>	<b>\$ 210,600,000</b>	<b>\$ 210,600,000</b>	<b>\$ 158,913,914</b>	<b>\$ 271,761,776</b>	<b>\$ 209,559,154</b>		<b>\$ 113,152,684</b>		<b>\$ 101,549,767</b>	

Notes:

<sup>(1)</sup> Section 5309 original award of \$210.6m was obligated in full for Metro's Preventive Maintenance activities. A combination of Section 5307 and local funds were allocated to the CRD Program to replace the Section 5309 funds.

<sup>(2)</sup> Metro allocated 100% 5307 federal funds to the cities. In return, the cities provided match by reducing their allocated funds and exchanging with their own local funds. Balance of unallocated federal funds are available to the cities for other purposes.

<sup>(3)</sup> SLPP = State and Local Partnership Program

<sup>(4)</sup> SAFE = Service Authority for Freeway Emergencies

<sup>(5)</sup> The totals Columns B and C total \$369.5 million more than the program funding plan (\$331.8 mil.) due to the following: This chart includes an additional \$660k in Section 5308 for Div 13, \$14.2 mil Prop 1 B and \$124 k PC40% for Div. 13, \$9.8 mil Other Agencies' contribution, 9.7 mil Other Agencies' Federal funds, \$3.1 mil of PC 25%, and \$39k of SAFE.

<sup>(6)</sup> Represent a series of Metro' internal funds exchanges between projects to swap Section 5307 funds for local funds.

<sup>(7)</sup> We are working with Caltrans to develop a process to bill the SLPP grant. Therefore, the reimbursement of our expenditures has been slowed. We expect to catch up in the next few months.

**CONGESTION REDUCTION DEMONSTRATION PROGRAM  
STATUS OF FUNDS BY PROJECT AS OF JULY 31, 2011**

PROJECT	FUNDING SOURCES (Funds Anticipated)							Total
	Federal - Section 5307	Cities' Match to Section 5307	Federal - CMAQ (Transferred from 5307)	State - Prop 1B SLPP	Local Funds	Additional Funds		
	A	B	C	D	E	F		
<b>Metro</b>								
PROCUREMENT 41 BUSES	\$ 22,588,132	\$ -	\$ -	\$ -	\$ 4,626,485	\$ -	\$ 27,214,617	
DIVISION 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000,000	\$ 95,000,000	
EL MONTE TRANSIT CENTER/PATSAOURAS CONNECTOR	\$ 44,086,636	\$ -	\$ -	\$ -	\$ 11,151,736	\$ 5,215,000	\$ 60,453,371	
HARBOR TRANSITWAY IMPROVEMENTS	\$ 3,080,000	\$ -	\$ -	\$ -	\$ 770,000	\$ -	\$ 3,850,000	
BIKE LOCKERS (El Monte, Artesia)	\$ 37,232	\$ -	\$ -	\$ -	\$ 63,780	\$ -	\$ 101,012	
TOLL TECHNOLOGY & ROADWAY IMPROVEMENTS (Express Lanes)	\$ -	\$ -	\$ 60,400,000	\$ 10,550,000	\$ 20,146,000	\$ 29,539,000	\$ 120,635,000	
<b>Metro Total</b>	<b>\$ 69,792,000</b>	<b>\$ -</b>	<b>\$ 60,400,000</b>	<b>\$ 10,550,000</b>	<b>\$ 36,758,000</b>	<b>\$ 129,754,000</b>	<b>\$ 307,254,000</b>	
<b>Other Agencies/Other Metro Costs</b>								
METROLINK - Pomona Station (Including Parking)	\$ 4,480,000	\$ -	\$ -	\$ -	\$ 1,120,000	\$ 5,215,476	\$ 10,815,476	
METRO - Operating Subsidy for Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,300,000	\$ 6,300,000	
METRO - I-110 Adams Flyover (PSR)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,840,790	\$ 7,840,790	
FOOTHILL TRANSIT - Procure 12 Buses	\$ 6,008,000	\$ 1,492,000	\$ -	\$ -	\$ -	\$ -	\$ 7,500,000	
FOOTHILL TRANSIT - Operating Subsidy For Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ 4,000,000	
TORRANCE Transit - Procure 4 Buses	\$ 2,276,000	\$ 524,000	\$ -	\$ -	\$ -	\$ -	\$ 2,800,000	
TORRANCE Transit - Operating Subsidy For Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	\$ 1,200,000	
GARDENA Transit - Procure 4 Buses	\$ 960,000	\$ 240,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	
GARDENA Transit - Operating Subsidy For Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 677,736	\$ 677,736	
LADOT - Transit Signal Priority	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 25,912	\$ 1,025,912	
METRO - Vanpools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000	
LADOT - Express Park	\$ -	\$ -	\$ 15,000,000	\$ -	\$ -	\$ 3,500,000	\$ 18,500,000	
<b>Other Agencies/Other Metro Costs Total</b>	<b>\$ 13,724,000</b>	<b>\$ 2,256,000</b>	<b>\$ 16,000,000</b>	<b>\$ -</b>	<b>\$ 1,120,000</b>	<b>\$ 29,159,914</b>	<b>\$ 62,259,914</b>	
<b>TOTAL FUNDS ANTICIPATED</b>	<b>\$ 83,516,000</b>	<b>\$ 2,256,000</b>	<b>\$ 76,400,000</b>	<b>\$ 10,550,000</b>	<b>\$ 37,878,000</b>	<b>\$ 158,913,914</b>	<b>\$ 369,513,914</b>	

Note: columns A+B+C+D+E sum up to \$210,600,000

PROJECT	FUNDING SOURCES (Expenditures)							Total
	Federal - Section 5307	Cities' Match to Section 5307	Federal - CMAQ (Transferred from 5307)	State - Prop 1B SLPP	Local Funds	Additional Funds		
	A	B	C	D	E	F		
<b>Metro</b>								
PROCUREMENT 41 BUSES	\$ 22,588,132	\$ -	\$ -	\$ -	\$ 4,626,485	\$ -	\$ 27,214,617	
DIVISION 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,437,320	\$ 12,437,320	
EL MONTE TRANSIT CENTER/PATSAOURAS CONNECTOR	\$ 17,915,782	\$ -	\$ -	\$ -	\$ 4,478,945	\$ -	\$ 22,394,727	
HARBOR TRANSITWAY IMPROVEMENTS	\$ 1,005,074	\$ -	\$ -	\$ -	\$ 251,268	\$ -	\$ 1,256,342	
BIKE LOCKERS (El Monte, Artesia)	\$ 37,232	\$ -	\$ -	\$ -	\$ 63,780	\$ -	\$ 101,012	
TOLL TECHNOLOGY & ROADWAY IMPROVEMENTS (Express Lanes)	\$ -	\$ -	\$ 727,693	\$ 10,550,000	\$ 15,526,606	\$ 4,025,983	\$ 30,830,282	
<b>Metro Total</b>	<b>\$ 41,546,220</b>	<b>\$ -</b>	<b>\$ 727,693</b>	<b>\$ 10,550,000</b>	<b>\$ 24,947,085</b>	<b>\$ 16,463,303</b>	<b>\$ 94,234,300</b>	
<b>Other Agencies/Other Metro Costs</b>								
METROLINK - Pomona Station (Including Parking)	\$ 4,466,432	\$ -	\$ -	\$ -	\$ 1,116,608	\$ 4,496,097	\$ 10,079,137	
METRO - Operating Subsidy for Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
METRO - I-110 Adams Flyover (PSR)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
FOOTHILL TRANSIT - Procure 12 Buses	\$ 5,812,032	\$ 1,493,793	\$ -	\$ -	\$ -	\$ -	\$ 7,305,825	
FOOTHILL TRANSIT - Operating Subsidy For Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TORRANCE Transit - Procure 4 Buses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TORRANCE Transit - Operating Subsidy For Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
GARDENA Transit - Procure 4 Buses	\$ 903,667	\$ 225,917	\$ -	\$ -	\$ -	\$ -	\$ 1,129,584	
GARDENA Transit - Operating Subsidy For Demo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
LADOT - Transit Signal Priority	\$ -	\$ -	\$ 302,636	\$ -	\$ -	\$ 23,399	\$ 326,035	
METRO - Vanpools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
LADOT - Express Park	\$ -	\$ -	\$ 68,879	\$ -	\$ -	\$ 8,924	\$ 77,803	
<b>Other Agencies/Other Metro Costs Total</b>	<b>\$ 11,182,131</b>	<b>\$ 1,719,710</b>	<b>\$ 371,515</b>	<b>\$ -</b>	<b>\$ 1,116,608</b>	<b>\$ 4,528,420</b>	<b>\$ 18,918,384</b>	
<b>TOTAL EXPENDITURES</b>	<b>\$ 52,728,351</b>	<b>\$ 1,719,710</b>	<b>\$ 1,099,208</b>	<b>\$ 10,550,000</b>	<b>\$ 26,063,693</b>	<b>\$ 20,991,723</b>	<b>\$ 113,152,684</b>	

## **PROGRAM COST ANALYSIS**

### **Adopted Budget**

The new Adopted Budget reflects the Metro Board which was approved in December 2010 to increase the original adopted Life-of-Project (LOP) Budget in the amount of approximately \$290 million to approximately \$331.8 million plus partner local match and other Non-CRD Funds to be used in the CRD Program, bringing the total CRD Program Budget from approximately \$320 million to approximately \$369 million.

### **Current Forecast**

The Current Forecast of approximately \$386 million reflects an increase to the forecast of \$17.0 million. This increase was due to removal of contaminated soils at El Monte Transit Center construction and associated oversight costs, and increase to the Engineer's Cost Estimate for Patsaouras Plaza now that the 30% in-progress design milestone has been completed.

### **Commitments**

***The Commitments increased by \$3.9 million this period primarily for construction and consulting services at the El Monte Transit Center Site, Metro and other agency staff charges, miscellaneous design and construction management charges, and purchase orders for support services for Express Toll Lanes.***

### **Expenditures**

***Expenditures increased by \$35k this period primarily for expenditures for design and construction management consulting, construction management at the Express Toll Lanes and El Monte Transit Center and Metro and Other Agency staff labor charges. The \$113.9 million in Project Expenditures to date represent 30.9% of the Adopted Budget.*** No invoices were processed by Metro accounting this period for the El Monte and ExpressLanes prime contractors. Negative expenditures shown for the period for the Harbor Transitway Project were accrual corrections by Metro Accounting.

## **STATUS OF FUNDS ANTICIPATED**

### **FEDERAL CMAQ:**

Transit Signal Priority (LADOT): \$758,521 of CMAQ funds are available for drawdown.  
Express Park (LADOT): \$15,000,000 of CMAQ funds are available for drawdown.  
ExpressLanes (Metro): \$25.762M of CMAQ funds are available for drawdown. A second request for \$41.238M in CMAQ funding was approved April 25, 2011. A total of \$67 million in CMAQ is available for drawdown. ***A third request of \$2.498 million for the operating funds was made in August 2011.***

### **FEDERAL FTA 5307:**

Metro Bus Procurement: An FTA grant application of \$23.572M (CA-90-Y716) was awarded on July 2, 2009. Funds are available for drawdown.

Metro Bus Operations – In June a request was submitted to FHWA to transfer \$3,801,124 in CMAQ funds to FTA (CA-95-X099).

El Monte Transit Center: An FTA grant application of \$2.160M (CA-90-Y716) was awarded on July 2, 2009. Funds are available for drawdown.

Patsaouras Connector: An FTA grant application of \$1.2M (CA-90-Y716) was awarded on July 2, 2009. Funds are available for drawdown.

Harbor Transitway Improvements: An FTA grant application of \$2.0M (CA-90-Y716) was awarded on July 2, 2009. Funds are available for drawdown.

Bus Procurement and Operations (Other Agencies):

Foothill Transit: A grant application for \$7.5M (CA-90-Y715) has been approved and funds are available for drawdown.

Torrance Transit: A grant application for \$2.6M (CA-90-Y715) has been approved and funds are available for drawdown.

Gardena Transit: A grant application for \$969K (CA-90-Y707) has been approved and funds are available for drawdown.

Metrolink: A grant application for \$5.26M (CA-90-Y777) was approved in September 2010 and funds are available for drawdown. A separate grant for \$339K (CA-90-Y840) has been approved and funds are available for drawdown.

### **STATE SLPP:**

ExpressLanes (Metro): The CTC rather than approving a \$20M allocation in SLPP Funds approved a \$20M Letter of No Prejudice (LONP) at the September 2010 CTC Meeting. Per the Metro Board approval in August 2010, the use of Local Funds (PC25) will be the fund source for the LONP. At its January 2011 Meeting, the CTC approved the \$20 million in SLPP funds so there is no further need for the LONP. The State will reimburse Metro for any funds that were expended prior to the allocation of the funds in January 2011.

**STATUS OF FUNDS ANTICIPATED (Contd)**

**NON CRD FUNDS:**

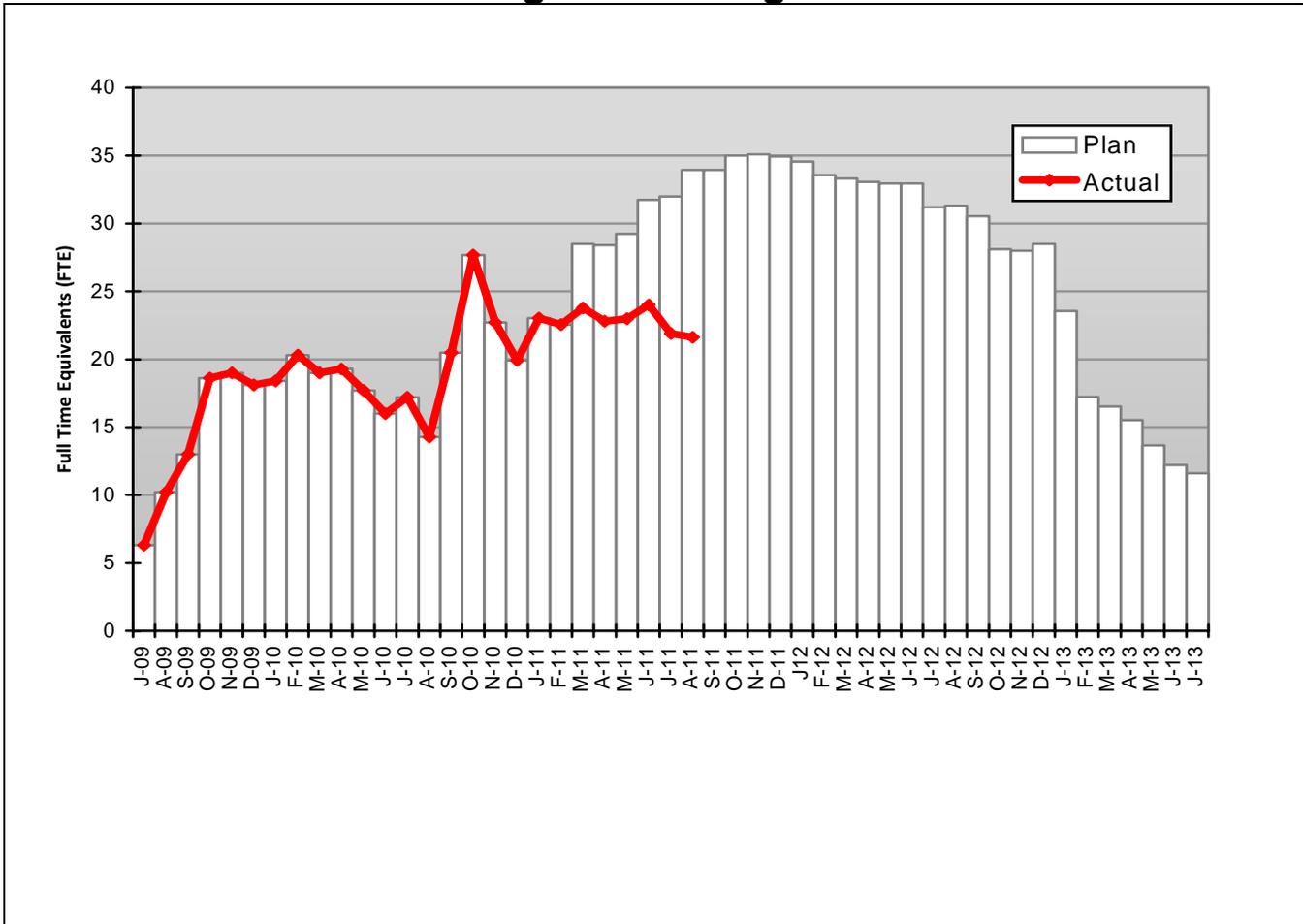
Division 13 Proposition 1B Funds: An initial \$4.99M funding request was approved by the State in February 2008. However, Metro's second funding request of \$12.7M has been put on hold pending resolution of the State budget or securing of alternative funding sources.

**ADAMS FLYOVER PSR ISTEAFUNDS:**

\$4,104,000 of ISTEAFunds is available for drawdown. A second request for \$2,127,000 was submitted to Caltrans in January 2011. A third request for \$41,632 was submitted to Caltrans in February 2011. The full amount of ISTEAFunds have been requested.

## STAFFING STATUS

### Total Program Staffing - FTEs



### Total Program Staffing

*The gap illustrated in the Staffing Plan is due to the delayed award of the Contract for the Division 13 Project.*

**REAL ESTATE STATUS**

- The Hot Lanes Project will be built entirely within existing Caltrans ROW, no additional project ROW will be required.
- No additional ROW is required for any of the remaining projects.

**REAL ESTATE STATUS TO DATE**

Number of Parcels	Required	In Appraisal Process	Appraisal Process Complete	Offer Made	Closing	Acquired	Turned Over to Contractor
This Period	0	0	0	0	0	0	0
Last Period	0	0	0	0	0	0	0

## **ENVIRONMENTAL STATUS**

There are eight (8) projects that require environmental approval. The status of each is as follows:

- I-10 and I-110 HOV Conversion to HOT Lanes – EIR/EA. NEPA approved May 2010. CEQA approved June 2010.
- Harbor Transitway Improvements – Listed Categorical Exclusion/Exemption, no approval required.
- El Monte Transit Center Improvements – Categorical Exclusion (NEPA)/Categorical Exemption (CEQA). Submitted September 2009. NEPA approved November 2009. CEQA approved December 2009.
- Patsaouras Plaza Connector – Categorical Exclusion (NEPA)/Categorical Exemption (CEQA). NEPA and CEQA approvals are pending. ***PR/PSR approval received from Caltrans in May 2011.***
- Division 13 (Union Division) – Categorical Exclusion (NEPA)/Categorical Exemption (CEQA). CEQA submitted August 2008 and approved September 2008. NEPA submitted and approved in December 2009.
- Transit Signal Priority – Categorical Exclusion (NEPA)/Categorical Exemption (CEQA). NEPA and CEQA approved September 2009.
- ExpressPark – Categorical Exclusion (NEPA)/Categorical Exemption (CEQA). NEPA and CEQA approved October 2009.
- Pomona Metrolink Station Improvements – Categorical Exclusion (NEPA)/Statutory Exemption (CEQA). NEPA and CEQA submitted November 2007. CE approved July 2010.

## **COMMUNITY/MEDIA RELATIONS STATUS**

*During the month of August 2011 outreach briefings were provided to Congressman Xavier Becerra and stakeholders at the I-110 and I-10 Preconstruction Meetings, Metro South Bay Service Council Meeting and Employee Transportation Coordinator Vendor Fair.*

*The total number of program briefings held from April 25, 2008 through August 31, 2011 is 220, as follows:*

- *Program stakeholder briefings, technical advisory group meetings, live web chats, and community workshops: 155*
- *Construction mitigation briefings: 3*
- *Legislative briefings: 40*
- *Corridor Advisory Group meetings: 14*
- *Public hearings: 8*

*As of the end of August 2011, Metro ExpressLanes stakeholder database included 2,030 contacts.*

*During the month of August 2011, 11 media stories mentioned the ExpressLanes Program.*

## **QUALITY ASSURANCE STATUS**

### **ExpressLanes Program**

- Met with Atkinson to discuss ACS Quality Manual.
- Attended Weekly Progress Meetings.
- Reviewed certifications for welding inspectors at sign fabricator.

### **C0958 – El Monte Busway & Transit Center**

- Attended Weekly Progress Meetings.
- Reviewed change notice for photovoltaic equipment.
- Reviewed submittals for concrete repair.

### **C0974 – Division 13 Bus Maintenance & Operations Facility**

- Prepared responses to questions from bidders.

## **SAFETY STATUS**

### **ExpressLanes**

- Participated in weekly progress with CM and Contractor management staff to discuss safety/security issues.
- Monitored daily construction activities to ensure compliance with contract specifications.
- Participated in contractor's weekly tool box safety meeting.
- The Contractor and their subcontractors reported zero incidents for the month of August 2011.

### **El Monte Transit Center**

- Participated in weekly progress with CM and KPRS management personnel to discuss safety/security issues and construction schedule.
- Monitored daily construction activities to ensure compliance with contract specifications.
- KPRS and their subcontractors reported zero incidents and 2,819 work hours for the month of August 2011. Total Program-to-Date work hours are 54,227 and the incident rate is zero.

**THIRD PARTY AGREEMENT STATUS  
THIRD PARTY ADMINISTRATION AGREEMENTS**

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
Caltrans	Cooperative/ Funding Agreement	Outline roles; funding for environmental document and roadway improvements; Funding for Design/Construction Oversight and balance of Environmental Document	Includes Caltrans Review/ Approval Deadlines	\$6.9M	Capital	Executed
Caltrans	Encroachment Permit				Capital	Completed
Expo	MOU	Overcrossing at Adams to Exposition			Capital	Completed
LADWP	Electrical Service Agreement	Drops by PB/IBI Application Only			Capital	DWP is still working on the design. DWP is reviewing the draft MOU.
So Cal Edison	Electrical Service Agreement	Drops by PB/IBI Application Only			Capital	SCE is still working on the design. Letter was sent to SCE.
City of Los Angeles	Maintenance Agreement	Adams Blvd. Pedestrian Bridge				Draft agreement pending.
City of Los Angeles	Amendment to Master Cooperative Agreement	Design Review for Adams Blvd. and POC		TBD	Capital	City signed the letter. Working with the City in preparing SPP's.
County of Los Angeles	Amendment to Master Cooperative Agreement	Design Review		TBD	Capital	Executed.
SCRRA	MOU	Design Review and Support Services Agreement		TBD	Capital	Executed.
PUC	Crossing Application Approval	Adams Blvd. Crossing Modifications Across the Expo Line			Capital	PUC Application Required Pending.

**AGENCY NOISE AGREEMENTS**

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
City of Los Angeles	Nighttime and Weekend Variance	Includes POC Bridge at Adams Blvd.			Capital	No variance from LAPD. Contractor is responsible for obtaining their own variance on a case by case basis.
City of Monterey Park		Freeway Median Area	City Variance Not Required			N/A
City of Rosemead		Freeway Median Area	City Variance Not Required			N/A
City of El Monte		Freeway Median Area	City Variance Not Required			N/A
City of Baldwin Park		N/A	No Work in this Jurisdiction			N/A

**INTEROPERABILITY AGREEMENTS**

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
Bay Area Toll Authority	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	In Process
Golden Gate Bridge, Highway & Transportation District	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	In Process
Orange County Transportation Authority	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	In Process
San Diego Association of Governments	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	In Process
SR125 Southbay Expressway, Chula Vista	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	In Process
TCA	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	Executed 6/8/10
Alameda County Express Lanes I-680	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	In Process

**OPERATIONS AND MAINTENANCE AGREEMENTS**

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
Caltrans	Cooperative Agreement	Outline roles for operations and maintenance of HOT Lanes		\$0	Operating	Executed
Caltrans	Joint Use Agreement	Advisory Committee & Sec. 166 Definitions			Operating	In Process
CHP	MOU	Dedicated Enforcement: 4 vehicles	Data Collection Requirement	\$500,000 CMAQ or Toll Revenues	Operating	In Process
DMV	Requestor Account	Allows access to DMV records	None	\$250	Operating	Not Started
USDOT	Tolling Agreement	Comply w/USC 166		\$0	Operating	In Process
TCA	License Agreement	FasTrak Logo License	None	\$1	Operating	Executed 6/8/10
MTA	FSP Agreement	Amend FSP Agreement for dedicated trucks			Operating	Not Started
MTA	Collection Agency Agreement				Operating	Not Started
MTA	MOU	Non Revenue Usage MOUs	Required for various agencies		Operating	Not Started
MTA	Welcome Package	Materials needed for new Customer Welcome Package			Operating	Not Started

**TRANSIT IMPROVEMENT AGREEMENTS**

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
Caltrans	Cooperative Agreement	Patsaouras Plaza		TBD	Capital	In Process
Caltrans	MOU	El Monte Transit Center		N/A	Capital	Executed
Caltrans	MOU	Harbor Transitway		N/A	Capital	Executed April 2010
LADWP	Electrical Service Agreement	Drops by Application Only			Capital	DWP is currently working on the design
So Cal Edison	Electrical Service Agreement	Drops by Application Only			Capital	SCE is currently working on the design

**FUNDING AGREEMENTS**

<b>Agency</b>	<b>Agreement Type</b>	<b>Purpose</b>	<b>Special Provisions</b>	<b>Funding Amount</b>	<b>Type of Funds</b>	<b>Completion Status</b>
Caltrans	Cooperative Agreement	Initial Study for Environmental Document		\$200,000 Prop C	Capital	Executed June 2009
Caltrans	Funding Agreement	I-110 Flyover PSR and PA/ED		\$7,395,790	Capital	Executed 4/27/11
Foothill Transit Agency	LOA	Purchase 10 42' buses and funding for 1 year operating subsidy	Data Collection Requirement	\$7,461,000 FTA 5307 \$3,200,000 CMAQ	Capital and Operating	Executed August 2009
Foothill Transit Agency	LOA – Amendment #1	Purchase of 2 additional buses	No Additional Operating Subsidy	\$7,461,000 FTA 5307 \$3,200,000 CMAQ	Capital and Operating	Executed November 2009
Gardena Municipal Bus Lines	LOA	Purchase 2 gas/hybrid buses and funding for 1 year operating subsidy	Data Collection Requirement	\$1,200,000 FTA 5307 \$580,187 CMAQ	Capital and Operating	Executed September 2009
Torrance Transit	LOA	Purchase 4 buses and funding for 1 year operating subsidy	Data Collection Requirement	\$2,800,000 FTA 5307 \$1,160,373 CMAQ	Capital and Operating	Executed July 2009
Los Angeles Department of Transportation	LOA	Intelligent Parking Management Program	Data Collection Requirement	\$15,000,000 CMAQ	Capital	Executed August 2009
Los Angeles Department of Transportation	LOA	Install Transit Signal Priority in Downtown Los Angeles	Data Collection Requirement	\$1,000,000 CMAQ	Capital	Executed August 2009
Southern California Regional Rail Authority	LOA	Construct 100 parking spaces and expand platform at the Metrolink Pomona Station	Data Collection Requirement	\$4,480,000 FTA 5307 \$1,120,000 Prop C 10%	Capital	Executed August 2009

**FUNDING AGREEMENTS**

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
USDOT	MOU	Award CRD funding for I-10 and SR-210 Demonstration Project	Tolling Authority Required by 10/15/08; Revenue Operations by 12/31/10	\$213.6 Million FTA 5309	Capital	Executed April 2008
USDOT	MOU – Amendment #1	Shift from SR-210 to I-110 and I-10 Demonstration Project	Tolling Authority Required by 10/15/08; Revenue Operations by 12/31/10	\$210.6 Million FTA 5309	Capital	Executed July 2008
USDOT	MOU – Amendment #2	Administrative Amendment/ Reconcile MOU with Tolling Authority Legislation	Capacity Improvements by 12/31/08; Revenue Operations by 12/31/10	\$210.6 Million FTA 5309	Capital	Executed November 2008
USDOT	MOU – Amendment #3	Amendment #3 for Schedule Extension		\$210.6 Million FTA 5309	Capital	In Process

**DBOM CONTRACTOR RESPONSIBILITY**

Agency	Agreement Type	Purpose	Special Provisions	Completion Status
FCC	License Agreement	Needed for Operation of Fastrak Transponders?	DBOM Contractor to secure	In Process
TBD	Maintenance Agreement	Toll Electrical and Equipment Maintenance	DBOM Contractor to secure	
TBD	Facility Lease	Needed for Customer Service Center	DBOM Contractor to secure	
TBD	Credit Card/Bank Processing Agreements		DBOM Contractor to secure	
TBD	Website Hosting Agreement		DBOM Contractor to secure	
TBD	Phone/ Internet Service Agreement		DBOM Contractor to secure	
TBD	Mail Processing Agreement		DBOM Contractor to secure	
TBD	Armored Car Service Agreement		DBOM Contractor to secure	

**CONTRACT STATUS**

<p><b>ExpressLanes Project Atkinson Construction</b></p>	<p><b>Contract No. PS0922102333 Status as of: September 2, 2011</b></p>																																	
<p><b>Progress/Work Completed:</b></p> <ul style="list-style-type: none"> <li>· Design Unit No.2 I-10 Sign 100% Metro Review</li> <li>· Design Unit No.4 I-110 ITS 100% Metro Review</li> <li>· Design Unit No.6 I-10 Fiber Optic Approval for Construction</li> </ul> <p><b>Areas of Concern:</b></p> <ul style="list-style-type: none"> <li>· Coordination of the DBOM contractor proposed construction with other Caltrans contractors on I-10 and I-110.</li> <li>· Replacement of 12 fiber cable with 72 fiber cable on I-110 Freeway due to inaccurate existing information provided by Caltrans on the DBOM contract</li> <li>· Coordination of OCS work at Adams between Expo Authority, LADOT and DBOM contractor</li> <li>· Supply of long lead materials such as sign structures</li> <li>· Additional drainage improvement requirements on I-110 Freeway in the vicinity of the I-105 connector based on recent survey results could impact schedule and increase cost of project</li> <li>· Coordination of sign installation along the I-105 adjacent to the Metro Green Line</li> <li>· Caltrans imposed additional BMPs which are outside Project Scope will impact project schedule and cost, Metro is in discussion with Caltrans to obtain a variance</li> <li>· Execution by Caltrans of supplemental final fact sheets submitted by the DBOM contractor</li> <li>· Timely reviews and resolution of comments by Caltrans of various DBOM contract design packages on the I-110 and I-10 Freeways</li> </ul>	<p><b>Major Activities (In Progress):</b></p> <ul style="list-style-type: none"> <li>· Design Unit No.3 Adams Blvd Area 100% Design</li> <li>· Design Unit No.5 I-10 ITS 100% Design</li> <li>· DBOM contractor has completed 80% of contract design effort</li> <li>· DBOM contractor installing power feeds for DMS signs and sign lighting</li> <li>· DBOM contractor removing median barrier along the I-110 in areas where the new ExpressLanes signs are to be installed</li> </ul> <p><b>Major Activities Next Period:</b></p> <ul style="list-style-type: none"> <li>· Design Unit No.2 I-10 Sign Approval for Construction</li> <li>· Design Unit No.3 Adams Blvd Area 100% Design Submittal</li> <li>· Design Unit No.5 I-10 ITS 100% Design Submittal</li> <li>· Continue work on power feeds for DMS signs and lighting on I-10 and I-110 Freeway</li> <li>· Continue with design effort</li> <li>· DBOM contractor install CIDH foundations for new signs along the I-110</li> <li>· DBOM contractor construct median barrier transition to close median barrier areas adjacent to new signs on I-110 Freeway</li> <li>· Set k-rail on I-10 Freeway in locations where signs are to be installed to prepare the areas for construction</li> </ul>																																	
		Original Baseline	Time Extension	Current Contract	Forecast Completion	Variance Cur-Fcast																												
	Commencement	01/11/11	0	01/11/11	01/11/11	0																												
	Completion	09/26/12	0	09/26/12	09/26/12	0																												
	Final Acceptance	11/26/12	0	11/26/12	11/26/12	0																												
<p><b>Schedule Summary:</b></p> <table border="0"> <tr> <td>Notice of Award</td> <td style="text-align: right;">12/15/10</td> </tr> <tr> <td>Notice to Proceed</td> <td style="text-align: right;">01/11/11</td> </tr> <tr> <td>Original Contract Duration (CD)</td> <td style="text-align: right;">685</td> </tr> <tr> <td>Approved Time Extensions (CD)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Current Contract Duration (CD)</td> <td style="text-align: right;">685</td> </tr> <tr> <td>Data Collection/Demostration (CD)</td> <td style="text-align: right;">365</td> </tr> <tr> <td>Elapsed Time from NTP (CD)</td> <td style="text-align: right;">232</td> </tr> <tr> <td>Contract Elapsed Time Percent</td> <td style="text-align: right;">33.9%</td> </tr> </table>	Notice of Award	12/15/10	Notice to Proceed	01/11/11	Original Contract Duration (CD)	685	Approved Time Extensions (CD)	0	Current Contract Duration (CD)	685	Data Collection/Demostration (CD)	365	Elapsed Time from NTP (CD)	232	Contract Elapsed Time Percent	33.9%	<p><b>Cost Summary:</b> <span style="float: right;"><b>\$ In 000's</b></span></p> <table border="0"> <tr> <td>1. Award Value:</td> <td style="text-align: right;">72,364</td> </tr> <tr> <td>2. Executed Modifications:</td> <td style="text-align: right;">4,250</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td style="text-align: right;">10</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td style="text-align: right;">76,624</td> </tr> <tr> <td>5. Incurred Cost:</td> <td style="text-align: right;">27,894</td> </tr> <tr> <td>6. Percent Incurred Cost:</td> <td style="text-align: right;">36.4%</td> </tr> </table>						1. Award Value:	72,364	2. Executed Modifications:	4,250	3. Approved Change Orders:	10	4. Current Contract Value (1 + 2 + 3):	76,624	5. Incurred Cost:	27,894	6. Percent Incurred Cost:	36.4%
Notice of Award	12/15/10																																	
Notice to Proceed	01/11/11																																	
Original Contract Duration (CD)	685																																	
Approved Time Extensions (CD)	0																																	
Current Contract Duration (CD)	685																																	
Data Collection/Demostration (CD)	365																																	
Elapsed Time from NTP (CD)	232																																	
Contract Elapsed Time Percent	33.9%																																	
1. Award Value:	72,364																																	
2. Executed Modifications:	4,250																																	
3. Approved Change Orders:	10																																	
4. Current Contract Value (1 + 2 + 3):	76,624																																	
5. Incurred Cost:	27,894																																	
6. Percent Incurred Cost:	36.4%																																	

## CONSTRUCTION PHOTOGRAPHS



Demolition of concrete barrier.



Unload k-rails from truck.

## CONSTRUCTION PHOTOGRAPHS



Penhall sawcut pavement.

**CONTRACT STATUS**

<p><b>El Monte Transit Center Project</b>  <b>Contractor: KPRS Construction Svcs Inc.</b></p>	<p><b>Contract No. C0958</b>  <b>Status as: September 2, 2011</b></p>																															
<p><b>Progress/Work Completed:</b></p> <ul style="list-style-type: none"> <li>- Pour concrete at spread footing</li> <li>- Pour concrete at tunnel footing</li> <li>- Install conduits and pull box in Metro way</li> <li>- Excavate and install conduit in south road</li> </ul> <p><b>Areas of Concern:</b></p> <ul style="list-style-type: none"> <li>- Projected cost growth associated with contaminated soils handling and mitigation was greater than the original \$6.0M authorized under the Ad Hoc Congestion Pricing Committee and Full Board action item No. 4 in Jan 2011.</li> <li>- Project management coordinated with various levels of Metro Executive management and FTA representatives to clarify available options for addressing the cost increases associated with El Monte construction.</li> <li>- The contaminated soils issue drew down from the remaining funds planned for the Patsouras Plaza Improvements within the original \$60.1M of the Life of Project Budget</li> <li>- Original allocations of \$46.1M for El Monte and \$14.0M for Patsouras Plaza have been determined as insufficient to build both projects. At this point, only the El Monte Transit Center can be built using the the original \$60.1M LOP funding.</li> <li>- For the Oct 2011 Board meeting, project management will request approval for the deletion of the Patsouras Plaza workscope under project 202286 while retaining the present \$60.1M LOP. Under a separate action, funding to create a separate project to complete 100% design and procure / construct the Patsouras Plaza will also be requested.</li> </ul>	<p><b>Major Activities (In Progress):</b></p> <ul style="list-style-type: none"> <li>- Underground Mechanical Electrical Piping (MEP) at west end</li> <li>- Concrete Column</li> <li>- Shotcrete foundation wall</li> <li>- Build escalator/elevator pit</li> <li>- Interior ramp wall</li> <li>- Interior footing</li> </ul> <p><b>Major Activities Next Period:</b></p> <ul style="list-style-type: none"> <li>- Continue underground Mechanical Electrical Piping (MEP)</li> <li>- Continue concrete column</li> <li>- Continue shotcrete foundation wall</li> <li>- Continue build Escalator/Elevator Pits</li> <li>- Form/pour/strip slab on grade</li> <li>- Install underground exhaust duct</li> </ul>																															
		Original Baseline	Time Extension	Current Contract	Forecast Completion	Variance Cur-Fcast																										
	Commencement	08/13/10	0	08/13/10	N/A																											
	Completion	06/05/12	99	09/12/12	10/10/12	-28																										
<p><b>Schedule Summary:</b></p> <table border="0"> <tr> <td>Notice of Award</td> <td>06/18/10</td> </tr> <tr> <td>Notice to Proceed</td> <td>08/13/10</td> </tr> <tr> <td>Original Contract Duration (CD)</td> <td>660</td> </tr> <tr> <td>Approved Time Extensions (CD)</td> <td>99</td> </tr> <tr> <td>Current Contract Duration (CD)</td> <td>759</td> </tr> <tr> <td>Elapsed Time from NTP (CD)</td> <td>383</td> </tr> <tr> <td>Contract Elapsed Time Percent</td> <td>50.5%</td> </tr> </table>	Notice of Award	06/18/10	Notice to Proceed	08/13/10	Original Contract Duration (CD)	660	Approved Time Extensions (CD)	99	Current Contract Duration (CD)	759	Elapsed Time from NTP (CD)	383	Contract Elapsed Time Percent	50.5%	<p><b>Cost Summary:</b> <span style="float: right;"><b>\$ In 000's</b></span></p> <table border="0"> <tr> <td>1. Award Value:</td> <td style="text-align: right;">39,001</td> </tr> <tr> <td>2. Executed Modifications:</td> <td style="text-align: right;">5,189</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td style="text-align: right;">10.0</td> </tr> <tr> <td>4. Current Contract Value (1 + 2 + 3):</td> <td style="text-align: right;">44,200</td> </tr> <tr> <td>5. Incurred Cost:</td> <td style="text-align: right;">15,478</td> </tr> <tr> <td>6. Percent Incurred Cost:</td> <td style="text-align: right;">35.0%</td> </tr> </table>						1. Award Value:	39,001	2. Executed Modifications:	5,189	3. Approved Change Orders:	10.0	4. Current Contract Value (1 + 2 + 3):	44,200	5. Incurred Cost:	15,478	6. Percent Incurred Cost:	35.0%
Notice of Award	06/18/10																															
Notice to Proceed	08/13/10																															
Original Contract Duration (CD)	660																															
Approved Time Extensions (CD)	99																															
Current Contract Duration (CD)	759																															
Elapsed Time from NTP (CD)	383																															
Contract Elapsed Time Percent	50.5%																															
1. Award Value:	39,001																															
2. Executed Modifications:	5,189																															
3. Approved Change Orders:	10.0																															
4. Current Contract Value (1 + 2 + 3):	44,200																															
5. Incurred Cost:	15,478																															
6. Percent Incurred Cost:	35.0%																															

## CONSTRUCTION PHOTOGRAPHS



Site photo looking west.



South wall rebar.

## CONSTRUCTION PHOTOGRAPHS



Installing south ramp wall rebar.

## **CHRONOLOGY OF EVENTS**

April 24, 2008	MOU w/USDOT for \$210 million Grant Award (I-210/I-10).
July 23, 2008	CTC Eligibility Finding.
July 24, 2008	1 <sup>st</sup> Amendment to MOU w/USDOT (Changes Demo Project from I-210/I-10 to I-110/I-10).
August 24, 2008	Preliminary Concept of Operations for I-10 and I-110.
September 28, 2008	State Tolling Authority Legislation Approved (Expires 1/15/13).
September 29, 2008	Metro/Caltrans certify funding available for ExpressLanes.
November 24, 2008	2 <sup>nd</sup> Amendment to MOU w/USDOT (administrative changes).
December 4, 2008	ExpressLanes Project Inclusion in RTP approved.
December 22, 2008	Key Physical Capacity Improvements identified to USDOT.
January 14, 2009	FTIP approved: Amend #1 to the RTP and Amend 08-01 to 2008 RIP.
January 22, 2009	Public Outreach & Communications Plan approved by Metro Board.
February 17, 2009	RFIQ for Toll Systems Integrator released.
April 15, 2009	Preliminary Engineering begins for Electronic Toll Collection.
May 4, 2009	Short List of Toll Systems Integrator Firms completed.
June 22, 2009	Public Hearings for Toll Rates (6).
July 23, 2009	Toll Rates and Toll Policy adopted.
January 20, 2010	Metro Board Approved USDOT National Evaluation Plan.
February 12, 2010	Circulation of the Draft EIR/EA for the the I-10 and I-110.
March 9 & 10, 2010	Public hearings held for the draft EIR/EA for I-10 and I-110.
March 25, 2010	Metro Board Approved Low Income Commuter Assessment.

## **CHRONOLOGY OF EVENTS**

April 7, 2010	CTC Authorizes Design-Build Authority for I-10 and I-110 HOT Lanes.
April 22, 2010	Metro Board Approved Administrative Account Fee Schedule.
April 28, 2010	EIR/FONSI for the I-10 and I-110 HOT Lanes is approved. FHWA Project Oversight Agreement Executed.
May 14, 2010	Environmental Assessment for the I-10 and I-110 HOT Lanes is approved.
June 7, 2010	DBOM RFP released.
June 16, 2010	Issued DBOM RFP Addendum #1.
June 30, 2010	CEQA Documents Approved for I-10 and I-110 HOT Lanes.
August 31, 2010	DBOM RFP Proposals Received.
Sept. 20, 2010	Received E-76 from FHWA for CMAQ Funds.
Sept. 22, 2010	CTC Approval of LONP for SLPP Funds. El Monte Transit Center Groundbreaking.
Sept. 29, 2010	State Tolling Authority extended until 1/15/15 (AB1244 Eng).
October 4, 2010	USDOT announced award of \$47.75 million in Federal Discretionary Grant Funds for Division 13 Facility.
November 30, 2010	Notice of Intent to Award DBOM Contract Circulated to LACMTA Board of Directors.
December 9, 2010	LACMTA Board Approval Life of Project (LOP) Budget Increase.
December 16, 2010	DBOM Contract Award to Atkinson Contractors, LP.
January 11, 2011	Notice to Proceed (NTP) given to DBOM Contractor.
February 15, 2011	Formal Partnering Session held with Atkinson Contractors, Caltrans, FHWA, Metrolink and Metro.
July 6, 2011	Groundbreaking Ceremony for the Start of Construction of the ExpressLanes.

**”GO LIVE” DEPLOYMENT SCHEDULE**

Timeline:

**Scheduled Start of Operation ExpressLanes Program**

<b>2009</b>	
8/2009 (Actual)	Bicycle Lockers @ Artesia Transit Center
<b>2010</b>	
12/2010 (Actual)	Sheriff’s substation @ Artesia Transit Center
12/2010 (Actual)	Metrolink Pomona (North) Station Improvements
<b>2011</b>	
6/2011 (Actual)	Phase I Silver Line enhanced service starts – AM peak every 10 minutes
<b>8/2011 (Actual)</b>	<b>Bus Stop Cutouts @ Slauson &amp; Manchester Transitway Stations</b>
9/2011	Lighting @ Harbor Transitway Stations
10/2011	Community-based Vanpool Formation
10/2011	Noise Pilot @ 37 <sup>th</sup> Street Harbor Transitway Station
Late 2011 – early 2012	New Buses for I-10 El Monte Busway
Late 2011 – early 2012	New Buses for I-110 Harbor Transitway
<b>2012</b>	
2/2012	Transit Signal Priority Expansion in Downtown LA
3/2012	ExpressPark
<b>4/2012</b>	<b>CCTV Installation @ Harbor Transitway Stations</b>
6/2012	Customer Service Center Opens and Transponder Sales Start
8/2012	El Monte Station Expansion
10/2012	I-110 ExpressLanes & Adams Blvd. Street Widening
10/2012	I-110 Adams Blvd. Flyover – Project Study Report*
<b>2013</b>	
2/2013	I-10 ExpressLanes
10/2013	I-110 Adams Blvd. Flyover – Environmental Document*
11/2013	Division 13
TBD	Patsaouras Plaza Connector

\* The dates reflected are completion dates. The Project is not fully funded for actual construction.

**LA CRD PRE-DEPLOYMENT DATA COLLECTION  
Exogenous Factors**

**Silver Line Non-UPA Transportation System Changes Log**

December 2009	Service begins, bus assignments split between D9 & D18
December 2009	Service begins on Long Term Detour via 39 <sup>th</sup> St. to Figueroa due to Expo Line construction
June 2010	Travel time added for schedule adherence
September 2010	Service begins operating at adjacent El Monte Temporary Station during new station construction
December 2010	Long Term Detour cancelled, buses begin operating via 37 <sup>th</sup> St. Station & Adams Blvd; buses begin running out of D9 only
December 2009 to Present – Selected Late Night Closures	El Monte Busway closed which resulted in detouring via local streets to serve Cal State LA; LAC + USC not served during this time
February 2011 – Selected Late Night Closures	Harbor Transitway closed which resulted in detouring via Figueroa between Artesia Transit Center & downtown LA
March 2011-Selected Late Night Closures	Harbor Transitway Closed which resulted in detouring via Figueroa between Artesia Transit Center & Downtown LA. Weekend night closures occurred for the El Monte Busway.
May 31, 2011	Harbor Transitway closed which resulted in detouring via Figueroa between Artesia Transit Center & downtown LA
June 2011	From June 1-10, 2011, the Harbor Transitway had night closures which resulted in detouring via Figueroa between Artesia Transit Center & downtown LA and bus stations were not served on freeway platform.

**Silver Line Non-UPA Transportation System Changes Log**

*August 2011*

*Beginning August 7, 2011 through September 2012 all stations along the Harbor Transitway are closed from 10:00 pm – 6:00 am every night due to Metro ExpressLanes construction. An alternate shuttle runs along Figueroa St. from 4:00 am – 6:00 am every day. No freeway platforms are served during the closure period.*

**Metrolink San Bernardino Line Transportation System Changes Log**

<p>April 1, 2011</p>	<ul style="list-style-type: none"> <li>Beginning on April 1<sup>st</sup>, after the Dodger's first home game, Antelope Valley and San Bernardino line trains will depart Union Station at 11 p.m. Ticket Packages for a Dodger ticket and Metrolink roundtrip ticket will start at \$20.</li> </ul>
<p>May 2011</p>	<ul style="list-style-type: none"> <li>Beginning on May 1<sup>st</sup>, San Bernardino Line train schedules will change to connect with a train at Union Station arriving at the Burbank Airport in time for 7 a.m. airport departures.</li> <li>Effective May 9<sup>th</sup>, San Bernardino Line will add four new trains and two new peak hour express trains that have a trip time of sixty minutes from San Bernardino to Union Station.</li> </ul>
<p>July 2011</p>	<ul style="list-style-type: none"> <li>Effective July 1<sup>st</sup>, Southern Californians can buy a weekend pass to ride unlimited Metrolink trains for only \$10. Unlimited weekend riding was added for monthly pass holders at no additional cost.</li> <li>New 10 percent student discount added to one-way and roundtrip ticket.</li> <li>New 7-Day Pass will be good seven consecutive days from purchase between a set origination and destination.</li> <li>The 10-trip Ticket will be discontinued sometime in the fall of 2011. A significant amount of lost revenue is attributed to this type of ticket due to a failure to validate, resulting in fare evasion.</li> </ul>

**Silver Line Ridership**

<b>Month</b>	<b>Average Weekday Boardings</b>	<b>% Change from Jan. 2010</b>	<b>Average Saturday Boardings</b>	<b>Average Sunday Boardings</b>	<b>HTW Average Weekday Boardings<sup>2</sup></b>	<b>HTW % Change from June 2011</b>
Dec. 2009 <sup>1</sup>	4,208	--	969	1,335		
Jan. 2010	6,612	--	2,231	1,411		
Feb. 2010	6,974	5.47%	2,489	1,768		
Mar. 2010	7,170	8.44%	2,566	1,805		
Apr. 2010	7,173	8.48%	2,860	1,744		
May 2010	7,422	12.25%	2,758	1,895		
Jun. 2010	7,227	9.30%	2,880	1,929		
Jul. 2010	7,488	13.24%	2,815	2,045		
Aug. 2010	7,487	--	2,811	1,919		
Sept. 2010	7,741	17.07%	2,788	2,018		
Oct. 2010	8,118	22.78%	2,892	2,044		
Nov. 2010	7,522	13.76%	2,304	1,474		
Dec. 2010	7,889	19.31%	2,430	1,788		
Jan. 2011	8,049	21.73%	2,800	1,701		
Feb. 2011	8,304	25.59%	2,595	1,918		
Mar. 2011	8,540	29.15%	2,836	1,804		
Apr. 2011	9,086	29.16%	2,900	1,804		
May 2011	9,329	41.09%	3,004	1,952		
Jun. 2011	8,892	34.48%	2,919	1,973	2,763	--
Jul. 2011	9,480	43.38%	3,746	2,294	3,372	22.04%

<sup>1</sup> Silver Line started operation on 12/13/09 so ridership estimate represents partial month.

<sup>2</sup> Phase I Service changes began June 26, 2011 on the Harbor Transitway (HTW) portion of the Silver Line.

**Silver Line Ridership**

Month	Average Weekday Boardings	% Change from Jan. 2010	Average Saturday Boardings	Average Sunday Boardings	HTW Average Weekday Boardings <sup>2</sup>	HTW % Change from June 2011
<b>Aug. 2011</b>	<b>9,730</b>	<b>47.16%</b>	<b>3,825</b>	<b>2,517</b>	<b>3,429</b>	<b>24.10%</b>

<sup>1</sup>Silver Line started operation on 12/13/09 so ridership estimate represents partial month.

<sup>2</sup>Phase I Service changes began June 26, 2011 on the Harbor Transitway (HTW) portion of the Silver Line. **Ridership levels for the Harbor Transitway/I-110 corridor are distinguished as the amount of boardings between Artesia Transit Center and Downtown Los Angeles. For Northbound traffic, the last stop is Olympic & Figueroa. For Southbound, the first stop is 5<sup>th</sup> & Flower. Also, all ridership numbers are estimates and are, therefore, subject to minor discrepancies.**

**El Monte Transit Center Parking Data**

Date of Count	Time of Count	Count	Total Capacity	% Utilization
Jan. 12, 2010	10:30 AM	1,486	1,761	84.38%
June 10, 2010	11:45 AM	1,492	2,069	72.11%
July 8, 2010	12:15 PM	1,457	2,069	70.42%
August 12, 2010	12:45 PM	1,449	2,053	69.85%
Sept. 9, 2010	10:45 AM	1,449	2,053	70.58%
October 14, 2010	12:30 PM	1,187	1,196	99.25%
Nov 10, 2010	4:15 PM	1,138	1,196	95.15%
Dec. 9, 2010	12:00 PM	1,162	1,196	97.16%
Jan. 13, 2011	1:15 PM	1,188	1,196	99.33%
Feb. 10, 2011	2:00 PM	1,088	1,105	98.46%
March 10, 2011	1:15 PM	1,099	1,105	99.46%
April 27, 2011	2:30 PM	1,115	1,134	98.32%
May 12, 2011	3:00 PM	1,109	1,134	97.80%
June 9, 2011	3:15 PM	1,058	1,134	93.30%
July 28, 2011	3:05 PM	1,106	1,134	97.53%
<b>August 11, 2011</b>	<b>3:30 PM</b>	<b>1,080</b>	<b>1,134</b>	<b>95.24%</b>

\*Prior to the April 27, 2011 counts. Parking Lot C at El Monte was restriped, creating an additional 29 Parking spots. The new capacity at the El Monte Transit center Parking Lot is 1,134 spots.

**Artesia Transit Center Parking Data**

<b>Date of Count</b>	<b>Time of Count</b>	<b>Count</b>	<b>Total Capacity</b>	<b>% Utilization</b>
June 10, 2010	10:00 AM	607	1,862	32.55%
July 8, 2010	10:30 AM	606	1,862	32.54%
August 12, 2010	10:45 AM	609	1,862	32.71%
Sept. 9, 2010	2:15 PM	607	1,862	32.60%
Oct. 14, 2010	11:00 AM	637	1,862	34.21%
Nov. 10, 2010	1:30 PM	636	1,862	34.16%
Dec. 9, 2010	11:00 AM	590	1,862	31.68%
Jan. 13, 2011	11:00 AM	655	1,862	35.18%
Feb. 10, 2011	12:00 PM	685	1,862	36.79%
March 10, 2011	10:45 AM	681	1,862	36.57%
April 27, 2011	11:15 AM	683	1,862	36.68%
May 12, 2011	10:45 AM	759	1,862	40.76%
June 9, 2011	10:50 AM	640	1,862	34.37%
July 28, 2011	12:00 PM	644	1,862	34.59%
<b>August 11, 2011</b>	<b>12:30 PM</b>	<b>653</b>	<b>1,862</b>	<b>35.07%</b>

**El Monte Transit Center Bike Parking Data**

<b>Date of Count</b>	<b>Time of Count</b>	<b>Count</b>	<b>Total Capacity</b>	<b>% Utilization</b>
Nov. 10, 2010	4:15 PM	25	56	44.64%
Dec. 9, 2010	12:00 AM	34	56	60.71%
Jan. 13, 2011	1:15 PM	21	56	37.50%
Feb. 10, 2011	2:00 PM	35	56	62.5%
March 10, 2011	1:15 PM	35	56	62.5%
April 27, 2011	2:30 PM	33	56	58.93%
May 12, 2011	3:00 PM	35	56	62.5%
June 9, 2011	3:15 PM	35	56	62.5%
July 28, 2011	3:05 PM	37	56	66.07%
<b>Aug. 11, 2011</b>	<b>3:30 PM</b>	<b>35</b>	<b>56</b>	<b>62.5%</b>

**Artesia Transit Center Bike Data**

<b>Date of Count</b>	<b>Time of Count</b>	<b>Count</b>	<b>Total Capacity</b>	<b>% Utilization</b>
Oct. 14, 2010	11:00 AM	1	16	6.25%
Nov. 10, 2010	2:15 PM	0	22	0%
Dec. 9, 2010	11:15 AM	1	22	4.54%
Jan. 13, 2011	11:20 AM	4	22	18.18%
Feb. 10, 2011	12:00 PM	4	22	18.18%
March 10, 2011	11:00 AM	2	22	9.09%
April 27, 2011	11:15 AM	7	22	31.82%
May 12, 2011	10:45 AM	1	22	4.54%
June 9, 2011	11:30 AM	2	22	9.09%
July 28, 2011	12:30 PM	3	22	13.64%
<b>Aug. 11, 2011</b>	<b>12:45 PM</b>	<b>2</b>	<b>22</b>	<b>9.09%</b>

**Pomona Metrolink Station Parking Data**

<b>Date of Count</b>	<b>Time of Count</b>	<b>Count</b>	<b>Total Capacity</b>	<b>% Utilization</b>
Sept. 16, 2009	10:45 AM	230	230	100%
Oct. 21, 2009	10:30 AM	230	230	100%
Nov. 18, 2009	10:15 AM	230	230	100%
Dec. 16, 2009	10:45 AM	230	230	100%
Jan. 20, 2010	10:00 AM	230	230	100%
Mar. 17, 2010	10:15 AM	230	230	100%
Apr. 21, 2010	10:30 AM	230	230	100%
May 19, 2010	10:15 AM	230	230	100%
June 9, 2010	1:00 PM	307	373	82.53%
July 15, 2010	10:15 AM	310	373	83.33%
August 12, 2010	1:30 PM	310	372	83.33%
Sept. 9, 2010	11:45 AM	310	372	83.33%
Oct. 14, 2010	1:25 PM	344	372	92.47%
Nov. 10, 2010	3:40 PM	271	372	72.85%
Dec. 9, 2010	1:00 PM	232	372	62.36%
Jan. 13, 2011	12:20 PM	291	372	78.23%
Feb. 10, 2011	1:00 PM	309	372	83.06%
March 10, 2011	12:15 PM	351	372	94.35%
April 27, 2011	12:35 PM	308	372	82.80%
May 12, 2011	12:45 PM	298	372	80.11%
June 9, 2011	12:45 PM	276	372	74.19%
July 28, 2011	1:30 PM	284	372	76.34%
<b>August 11, 2011</b>	<b>1:45 PM</b>	<b>294</b>	<b>372</b>	<b>79.03%</b>

**Metrolink San Bernardino Line Ave. Weekday Inbound Ridership**

<b>Date</b>	<b>Boardings</b>	<b>% Change from Previous Month</b>
June 2009	6,264	--
July 2009	6,185	-1.26%
August 2009	5,969	-3.49%
September 2009	6,028	0.99%
October 2009	6,122	1.56%
November 2009	5,915	-3.38%
December 2009	5,501	-7.00%
January 2010	5,750	4.53%
February 2010	5,762	0.21%
March 2010	5,959	3.42%
April 2010	5,911	-0.81%
May 2010	5,854	-0.97%
June 2010	5,797	-0.98%
July 2010	5,510	-4.95%
August 2010	5,381	-2.40%
September 2010	5,595	3.98%
October 2010	5,720	2.23%
November 2010	5,635	-1.48%
December 2010	5,069	-11.16%
January 2011	5,646	11.38%
February 2011	5,730	1.49%
March 2011	5,962	4.04%
April 2011	6,220	4.33%
May 2011	6,288	1.09%
June 2011	6,060	-3.63%
July 2011	6,134	1.22%
<b>August 2011</b>	<b>6,069</b>	<b>-1.06%</b>

**Cumulative Media Articles**

<b>Date</b>	<b>Article</b>	<b>Publication or Blog</b>
8/30/11	<b>Lane Markings Works Beginning on 110 Freeway Park of ExpressLanes Project</b>	<b>The Source Blog</b>
8/30/11	<b>Work on Harbor (110) Freeway Lanes to Cause Some Overnight Closures</b>	<b>Daily Breeze</b>
8/24/11	<b>Interview with Donald Shoup: Los Angeles Making Strides with ExpressPark</b>	<b>LA Streetsblog</b>
8/17/11	<b>Making Parking Pay</b>	<b>KCET.com</b>
8/16/11	<b>Downtown LA Parking Meter Rate Hike Based on Demand</b>	<b>ABC7.com</b>
8/15/11	<b>Most Popular Downtown Parking Spots Could Get Very Pricey Soon</b>	<b>Curbed LA</b>
8/13/11	<b>New L.A. Parking Meter Plan Gets Ticking</b>	<b>LA Times</b>
8/11/11	<b>ExpressPark Contract Heads to Council with Questions about Technology</b>	<b>Blogdowntown.com</b>
8/3/11	<b>Toll Lanes</b>	<b>Daily Breeze</b>
8/2/11	<b>110 Freeway to Gain Toll Lanes</b>	<b>Redondo Beach Patch.com</b>
8/2/11	<b>Metro ExpressLanes Construction to Close Harbor Freeway Transitway Carpool Lanes During Late Night/Early Morning Hours Effective Sunday August 7</b>	<b>Metro Media Release</b>
7/13/11	Express Park Set to Stack the Deck in Favor of Parking Enforcement	Blogdowntown.com
7/11/11	Escaping the 405 Mess on Flights of Fancy	LA Times Op Ed
7/8/11	Hearts and Minds: Comments Sections Shows Confusion, Anger for I-10 and I-110 HOT Lanes	LA Streetsblog
7/7/11	What? Toll Lanes for the 10 and 110? Where? How? Huh?	The Source Blog
7/7/11	Steve Lopez: Stop Whining About Toll Lanes on L.A. Freeways	LA Times Op Ed
7/7/11	Traffic Relief for \$1.40 a mile: Toll Lane Construction Begins on 10 and 110 Where Aim is to Unclog Roads at Rush Hours; Toll Lanes Coming to 10 and 110 Freeways in Los Angeles County	LA Times
7/6/11	Metro Experiments with Toll Lanes on Harbor, San Bernardino Freeways	City News Service: Southern California Local News
7/6/11	Construction on New Toll Lanes on 10, 110 Freeways Getting Started	Whittier Daily News, San Gabriel Valley Tribune, and Pasadena Star News

***Cumulative Media Articles***

<b><i>Date</i></b>	<b><i>Article</i></b>	<b><i>Publication or Blog</i></b>
7/6/11	Metro Experiments with Toll Lanes on Harbor, San Bernardino Freeway	The Los Angeles Independent
7/6/11	Groundbreaking Held for ExpressLanes Congestion Pricing Project	The Source Blog
7/6/11	Solo Drivers to Get HOV Lane Invite	MSNBC.com
7/6/11	Crews Begin HOV to HOT Project on 110, 10 Freeways	NBC Los Angeles.com
7/6/11	Metro and Caltrans Officially Break Ground on ExpressLanes Project	Metro Media Release
7/1/11	Parking Tech Helping Big Cities Ease Congestion	Government Technology Solutions for State & Local Government (Govtech.com)
5/13/11	About Those Transponder Fees for the ExpressLanes Project	The Source Blog
5/13/11	Update: Regular Carpoolers Will Not Have to Pay to Use ExpressLanes	LA Streetsblog
5/11/11	ExpressLanes Transponders, Coming to a Store Near You...and to the AAA!	LA Streetsblog
May 2011 Issue	Moving in the City	Roads and Bridges Magazine
4/10/11	HOT Lanes Are Not a Solution to Traffic Woes	Daily Trojan
4/4/11	Reminder: ExpressLanes Meeting Tonight to Discuss Adams Blvd. Improvements	The Source Blog
3/24/11	Metro's Freeway Projects Mean Better Transportation For Everyone	Everything Long Beach.com
3/21/11	Metro's Highway Program Ramps Up for Big Year	The Source Blog
3/17/11	Streetfilms v. Local News on Congestion Pricing	LA Streetsblog
3/17/11	If LA Freeways Aren't Free: Is Letting Solo Drivers Pay to Use the Carpool Lanes Undemocratic? Maybe, But it Could Also Ease LA Traffic. Let's Try it Out.	LA Times Editorial
3/15/11	Dueling Answers to Freeway Congestion	CityWatch
3/15/11	Media, Congress Members, Running Another ExpressLanes Mis-Information Campaign	Streetsblog LA
3/14/11	Both Sides of Congressional Aisle Hate Metro Congestion Pricing Plan	Curbed LA
3/13/11	Toll-Lane Project Faces Renewed Opposition in Congress	LA Times

***Cumulative Media Articles***

Date	Article	Publication or Blog
3/12/11	Plan to Let Solo Drivers Pay Tolls to Use 10, 110 Freeway Carpool Lanes Opposed	LA Times Blog
3/3/11	LA Carpool Lanes to Open for Solo Drivers - In 2012, Drivers Can Choose to Pay More to Save Time on the Freeway	NBC Los Angeles.com
3/3/11	Car-Pool Lanes for Solo Drivers? Fee System Coming to L.A.	The Orange County Register
2/25/11	Highs and Lows for Electric Vehicle Companies, and How to Buy Into the Carpool Lane	Technology Review
2/25/11	LA To Charge a Toll For Driving Solo In HOV Lanes With New ExpressLanes	Autoblog Green
2/25/11	Solo Drivers in Los Angeles Will Soon Be Allowed To Drive In Carpool Lanes For a Fee	TechCrunch
2/25/11	ACS to Operate New Los Angeles HOT "ExpressLanes" System	Traffic Technology Today.com
2/23/11	To Curb Congestion, Los Angeles Rolls Out Dynamic Electric Toll Booths	Smart Planet
2/23/11	Xerox Unit Setting up Calif. Tollway	Hartford Business.com
2/23/11	ACS, A Xerox Company, to Keep Los Angeles Drivers Moving with Electric Toll Collection for New ExpressLanes	ACS, A Xerox Company, Media Release
2/22/11	Metro Plans to Remove Adams Blvd. Sidewalks Near My Figueroa	LA Streetsblog
2/15/11	ExpressPark Hits Bump When Bids Come In Over Budget	Blogdowntown.com
2/1/11	O.C. Toll Roads Hit By Recession; Would you Pay for a Faster Commute?	LA Times Blog
2/1/11	Recession Slows Use of Orange County's Toll Roads	LA Times
1/12/11	ExpressLanes Project Picks Contractor	The Source Blog
12/16/10	The Truth About HOT Lanes	The Infrastructurist
12/1/10	ExpressPark Aims to Give Smarts to Downtown's Parking Spots	Blogdowntown.co
11/22/10	What a Difference Two Years Makes. Warm Reception for Congestion Pricing in the San Gabriel Valley	LA Streetsblog
11/16/10	MTA Considers More Freeway Toll Lanes to Reduce Congestion	LA Times
11/16/10	Paying to Use Those Carpool Lanes	Long Beach Press-Telegram

***Cumulative Media Articles***

Date	Article	Publication or Blog
11/16/10	Our View: Taking the Free From Our Freeways	San Gabriel Valley Tribune
11/16/10	57, 10 Freeways List As Candidates for Toll Lanes	San Gabriel Valley Tribune
11/15/10	Some Like it HOT: Metro Studying More Roads for Congestion Pricing	LA Streetsblog
11/15/10	MTA Considering More Freeway Toll Lanes To Reduce Congestion	LA Times
11/15/10	Will HOV Lanes Be Converted to Congestion Pricing Toll Lanes? Read the Study	The Source Blog
9/22/10	Metro Breaks Ground on New State-of-the-Art Transit Facility at the El Monte Station	Metro Media Release
9/22/10	Construction Begins on \$45 Million El Monte Bus Station	Pasadena Star-News
9/21/10	Busiest Transit Center West of Chicago Expands	Metro Media Advisory
9/15/10	New Temporary El Monte Bus Terminal Begin Operations	Mid Valley News Online
9/9/10	New Temporary El Monte Bus Terminal to Begin Operations on Sunday, September 12	Metro Media Release
9/9/10	New Temporary El Monte Bus Terminal Begins Operations on Sunday	The Source, Metro's Blog
8/22/10	LA Program Aims to Make Parking Easier	LA Times
2/8/10	HOT Lanes Project Draft EIR/EA Available for Public Review	Caltrans News Release
12/9/09	Silver Line Launches Sunday, Ready to Take You to the HOT Lane	Curbed LA
7/24/09	MTA Changes Course, Opening Carpool Lanes to Solo Drivers – For a Fee	LA Times
7/23/09	LA Transportation Officials Approve Letting Solo Drivers Pay a Toll to Use Carpool Lanes	LA Times
7/23/09	10 & 100 Freeways to Get Express Toll Lanes in 2010	Laist
7/23/09	Metro Board Approves Toll Rates for Freeway ExpressLanes as Part of Congestion Reduction Demonstration Project	Metro Media Release
7/23/09	MTA Board Approves Toll Rates for 10, 110 Freeways	Pasadena Star News
7/19/09	Coming Soon: Fast Lanes for the Rich	Daily Breeze Op Ed

***Cumulative Media Articles***

Date	Article	Publication or Blog
7/2/09	Sign On To Metro's Next Chat and Ask Questions About ExpressLanes, Toll and Other Congestion Reduction Strategies	Metro Media Release
6/28/09	Harbor Area Neighborhood Councils Form Alliance	Daily Breeze
6/26/09	Express Lanes Coming To Our County	LBPost.com
6/28/09	Harbor Area Neighborhood Councils Form Alliance	Daily Breeze
6/26/09	Express Lanes Coming To Our County	LBPost.com
6/22/09	Congestion Pricing: More Heat Than Light	CityWatchLA.com
6/15/09	Congestion Pricing – The Only Thing That Works	LA Times Op Ed
6/14/09	Letters to the Editor: Divisions on Toll Lanes	LA Times
6/13/09	For Whom The Toll Benefits	LA Times Op Ed
6/12/09	Metro Response to LA Times' Tim Rutten Column on Congestion Reduction Demonstration Project	Metro Media Release
6/10/09	Congestion Pricing – A Slippery Slope to Toll Roads	LA Times Op Ed
6/9/09	Fashioning Faster Freeways	Daily Breeze
6/9/09	A Pagar En Las Vias	La Opinion
6/9/09	Congestion Pricing Considered	LA Times
6/9/09	Solo Drivers Would Pay to Use Carpool Lanes Under Plan	Orange County Register
6/8/09	MTA Mulling Solo Harbor Freeway Carpool Lane Use – For a Fee	Daily Breeze
6/8/09	LA County Considers Toll Charges on Two Freeways	LA Times
6/8/09	Would You Pay \$1.40/Mile to Use the Carpool Lane Solo?	LAist
6/8/09	Metro to Hold Series of Community Public Hearings on Proposed Tolling Prices for Freeway ExpressLanes as Part of Congestion Reduction Demonstration Project	Metro Media Release
6/8/09	Toll Roads	Socalnews.com
6/8/09	MTA Details Toll Lane Plans for 10 and 110 Freeways	Whittier Daily News, San Gabriel Valley Tribune, and Pasadena Star News
6/5/09	Metro and Caltrans Officials to Hold Media Briefing on Status of I-10 and I-110 Freeway ExpressLanes Congestion Reduction Demonstration Project	Metro Media Advisory

***Cumulative Media Articles***

Date	Article	Publication or Blog
8/26/08	Road Sage; Pricing May Not Hurt the Poor	LA Times
7/9/08	Road Sage; Congestion Pricing Plan May Switch Routes	LA Times
6/10/08	Road Sage; Leaders Try to Stall Toll Lanes	LA Times
5/3/08	The Way To Go; Freeway Toll Lanes Aren't an Experiment – They're Proven Congestion Busters	LA Times Op Ed
4/29/08	Not-So-Free ways; Toll Lanes Are One Answer to Our Traffic Problems. But the MTA Might Have Taken a Better Route	LA Times Op Ed
4/26/08	Diamond Lanes for the Rich	LA Times Op Ed
4/24/08	U.S. Offers Funds for Toll Lanes; MTA Will Weigh Congestion Pricing on Parts of 10 and 210, But Fees to use Freeways Remain Controversial	LA Times
4/14/08	Road Sage; Tolls on Freeways a Tough Sell	LA Times

**Metro LA CRD (ExpressLanes) Program  
Monthly Project Status Report**

**August 2011**

***Cumulative Media Broadcasts***

Date	Broadcast	Media Outlet
7/7/11	Pat Morrison: Life is a Highway, I Wanna Ride it All Night Long	KPCC-FM, 89.3 Los Angeles
7/7/11	The California Report: Los Angeles Congestion Pricing	KQED
7/6/11	Fox 11 Morning News at 6:00 am	KTTV-TV (FOX) Channel 11
7/6/11	Larry Mantle's Air Talk	KPCC-FM, 89.3 Los Angeles
7/6/11	Today in LA at 5:00 am and 6:00 am	KNBC-TV Channel 4
7/6/11	CBS 2 News at 11:00 am, Local Cut-In, and 6:00 pm	KCBS-TV Channel 2
7/6/11	KCAL 9 News at Noon, 3:00 pm, and 10:00 pm	KCAL-TV Channel 9
7/6/11	Eyewitness News at 11 am	KABC-TV Channel 7
3/14/11	Plan Would Let Solo Drivers Pay to Use 10, 110 Carpool Lanes	KTLA News
2/24/11	ExpressLanes-A "HOT" Topic! ACS Discusses "High Occupancy Toll" Lanes	Blogtalkradio/Xerox Real Business Radio
6/8/09	The John and Ken Show	KFI-AM 640
6/8/09	Tom Haule/Linda Nunez and KNX 1070 Newsradio	KNX-AM 1070 Newsradio
6/8/09	CBS 2 News	KCBS-TV Channel 2
6/8/09	Today in LA and Channel 4 News Nightside	KNBC-TV Channel 4
6/8/09	Eyewitness News at 5:30 am, 6:00 am, and 6:00 pm	KABC-TV Channel 7
6/8/09	KCAL 9 News at 12:00 noon, 3:00 pm and 4:00 pm	KCAL-TV Channel 9
6/8/09	Fox News at 11:00 am	KCOP-TV Channel 13
6/9/09	Today in LA at 5:30 am and 6:00 am	KNBC-TV Channel 4
6/9/09	KTLA News at 6:00 am, 9:00 am, Morning News, 1:00 pm, and Prime News at 10:00 pm	KTLA-TV Channel 5
6/9/09	Fox 11 Morning News at 5:00 am and 6:00 am	KTTV-TV Channel 11
6/9/09	Fox 11 Morning News at 6:00 am	KTTV-TV Fox Channel 11
6/10/09	Today in LA	KNBC-TV Channel 4

## **APPENDICES**

### **COST AND BUDGET TERMINOLOGY**

**ADOPTED BUDGET:** The Approved Project Budget as established by Metro Board of Directors at the time it authorizes Construction Project Management Division to commence full design and construction of the project (Project Adoption).

**CURRENT FORECAST:** Evaluation of costs to go combined with actual expenditures.

**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 Metro actions which have been spent or result in the obligation of specific expenditures at a future time. Also includes commitments reported by other agencies.

**EXPENDITURES:** The total dollar amount of funds expended by Metro for contractor or consultant invoices, third party invoices, staff salaries, real estate and other expenses that is reported in Metro's Financial Information System (FIS and expenditures reported by other agencies.

**APPENDIX  
LIST OF ACRONYMS**

ARRA	American Recovery & Reinvestment Act
AWIS	Automated Work Zone Information Systems
BRT	Bus Rapid Transit
CADD	Computer Aided Drafting and Design
CALTRANS	California Department of Transportation
CCTV	Closed Circuit Television
CD	Calendar Day
CDFG	California Department of Fish and Game
CM	Construction Manager
CMAC	Congestion Mitigation Air Quality
CMIA	Cash Management Improvement Act
CMS	Changeable Message Signs
CN	Change Notice
CNG	Natural Gas
CO	Change Order
COE	Corps of Engineers
COLA	City Of Los Angeles
CONOPS	Concept of Operations
CPM	Critical Path Method
CPUC	California Public Utilities Commission
CR	Camera Ready
CRD	Congestion Reduction Demonstration
CTC	California Transportation Commission
D-B	Design-Build
D-B-B	Design-Bid-Build
DBOM	Design, Build, Operate and Maintain
DD	Design Development
DEIR	Draft Environmental Impact Report
DWP	Department of Water and Power
EA	Environmental Assessment
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
FD	Final Design
FEIR	Final Environmental Impact Report
FHWA	Federal Highway Administration
FIS	Financial Information System
FOCT	Fiber Optics Cable Transmission System
FTE	Full Time Equivalent
GDSR	Geotechnical Design Summary Report
GSA	General Services Administration
GSRD	Gross Solids Removal Devices
HAR	Highway Advisory Radio

**APPENDIX  
LIST OF ACRONYMS (Continued)**

HOT	High Occupancy Toll
HOV	High Occupancy Vehicle
IFB	Invitation for Bid
IPO	Integrated Project Office
ITS	Intelligent Transportation Systems
LA	Los Angeles
LABOE	Los Angeles Bureau of Engineering
LACFCD	Los Angeles County Flood Control District
LADOT	Los Angeles Department of Transportation
LADPW	Los Angeles Department of Public Works
LADWP	Los Angeles Department of Water and Power
LARTMC	Los Angeles Regional Transportation Management Center
LFAT	Local Field Acceptance Test
LNTP	Limited Notice To Proceed
LONP	Letter Of No Prejudice
LOP	Life of Project
MCA	Master Cooperative Agreement
METRO	Los Angeles County Metropolitan Transportation Authority
MIS	Major Investment Study
MOT	Maintenance of Traffic
MOU	Memorandum of Understanding
MPSR	Monthly Project Status Report
MVDS	Microwave Vehicle Detection System
MVP	Maintenance Vehicle Pullouts
MWD	Metropolitan Water District
N/A	Not Applicable
NEPA	National Environmental Protection Act
NHS	National Highway System
NOA	Notice of Award
NTE	Not to Exceed
NTP	Notice To Proceed
NTSC	National Television System Committee
P6	Primavera Project Planner® (scheduling software)
PC	Project Control
PE	Preliminary Engineering
PIP	Project Implementation Plan
PM	Project Manager
PMA	Project Management Assistance
PMP	Project Management Plan
P&P	Policies & Procedures
PR	Project Report
PS&E	Plans, Specs & Engineering

**APPENDIX**  
**LIST OF ACRONYMS (Continued)**

PSR	Project Study Report
QA	Quality Assurance
QAR	Quality Assurance Report
QC	Quality Control
QPSR	Quarterly Project Status Report
RFC	Request For Change or Released for Construction (based on context)
RFP	Request For Proposal
RMS	Ramp Metering Systems
ROM	Rough Order of Magnitude
ROW	Right-Of-Way
SIT	System Integration Testing
RSTP	Regional Surface Transportation Program
RWQCB	Regional Water Quality Control Board
SAFETEA- LU-	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SCE	Southern California Edison
SEMP	Systems Engineering Management Plan
SONET	Synchronous Optical Network
SOV	Single Occupant Vehicle
SOW	Statement Of Work
SP	Special Provision
TBD	To Be Determined
TCRP	Traffic Congestion Relief Program
TMS/CS	Traffic Monitoring Stations/Count Stations
TPM	Transportation Management Plan
UPS	Uninterrupted Power Supply
USDOT	United States Department of Transportation
VE	Value Engineering
WBS	Work Breakdown Structure
WP	Work Package