

ExpressLanes



Metro

METRO LA CRD (ExpressLanes) PROGRAM

MONTHLY PROJECT STATUS REPORT

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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

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. **Based upon percent expended, the Program is 60.0% complete.**

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 6th at 9:00 am at the Harbor Gateway Transit Center. Construction for the sign foundations started in early August on the I-110 freeway and started in late September on the I-10 freeway.

PROGRAM OVERVIEW & STATUS (Contd)

Staff worked 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 discussed with FHWA the need to have the I-110 tolling operation open before the I-10 tolling operation. A joint letter of concurrence from FHWA and FTA for the schedule extension was received February 2012.

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.

Caltrans has issued a CCO to the I-10 Rehab Contractor for striping of the general purpose lanes but the I-10 Rehab Contractor has not performed the final striping work as yet. This work is critical to allow ExpressLanes Project to progress its communication work required for toll signs to be constructed on the outside shoulder. Metro is assessing schedule impacts due to delays from the Caltrans I-10 Rehab project and developing mitigation strategies. This delay will cause the ExpressLanes project to use project schedule contingency. The need to move forward has been expressed to Caltrans on numerous occasions. Construction activities by other Caltrans contractors on I-10 and I-110 have impacted the DBOM Contractor as well. Metro is analyzing these schedule impacts.

Access to the I-10 Freeway fiber optic cable installed by the I-10 Rehab Contractor has now been granted to the DBOM Contractor by Caltrans for use on the ExpressLanes. This created a schedule impact to the ExpressLanes Project. Metro is analyzing this schedule impact and working closely with **the DBOM Contractor** to make up for delays incurred.

Construction of the pedestrian bridge overcrossing on the I-110 Freeway at Adams Blvd. continued through May. Construction work continued on the vehicular bridge at Adams with the installation of falsework, rebar and internal bracing.

Delays in the approval of final design of Adams Bridge widening work and the POC have created schedule delays in having the construction of the bridge work completed to meet the schedule. Metro is analyzing these delays and is accelerating this work to meet the I-110 opening schedule.

Metro advised the DBOM Contractor to illuminate the Variable Message Signs in June, which have been tested with a message which will read:

EXPRESSLANES COMING CALL 511 FOR INFO

Testing of the various systems began in April and is continuing through May. Construction of the various signs is continuing on I-105 Freeway. Work is also continuing on I-10 Freeway on various toll signs, other signs, drainage, median barrier reconstruction, etc; Installation of the DBOM Contractor's servers at Caltrans hubs at Norwalk and San Gabriel is ongoing with close

PROGRAM OVERVIEW & STATUS (Contd)

coordination with Caltrans. Power drop installation for 47 locations along the I-10 and I-110 is progressing with DBOM Contractor, DWP and SCE. ***All of the power drops except for one along the I-110 Freeway have been completed.***

At Adams in May, Caltrans approved additional full freeway closures to allow for the installation of the falsework beam and forming of the full bridge widening. DBOM Contractor expects to start pour the POC deck in early June.

A temporary CSC Office trailer has been installed at El Monte to support the ExpressLanes Project. This temporary location will serve as an additional site for customer sign up, sales and distribution of the transponders. Tenant improvements continued for the Customer Service Center in Gardena and hiring of customer service staff began in April. ***Once staff was hired full scale training occurred during the month of May. Since the first shipment of transponders were delivered in April to the CSC inventory control measures have been implemented.***

Metro is nearly complete in the analysis of the various schedule delays that have been experienced on the ExpressLanes Project and expects to issue a Contract Extension Change Order to the DBOM Contractor using a portion of the Project Schedule Contingency. Based on this analysis, there will not be any impact to the Revenue Operations Dates for the I-110 Freeway being October 2012 and for the I-10 Freeway being 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 where the PSR was scheduled to be completed in April 2012 and the environmental work was to be completed in September 2013. However, in July Caltrans was informed by the Governor's office that it cannot perform any reimbursable work until November. Work started again in October and is back on schedule for a PSR/PID completion date of June 2012. To maintain the original schedule, the Scope of Work was revised to move some of the PSR/PID work to the PAED Phase. ***A draft of the PSR/PID was circulated in May. The final is expected in June.***

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

PROGRAM OVERVIEW & STATUS (Contd)

for AM peak) began on the Harbor Transitway portion of the Silver Line June 26, 2011. ***For the month of May the Silver Line Harbor Transitway (Phase I) weekday boardings total was 4,202 which represents a 52.08% increase in ridership since the Phase I service changes in June 2011. For the month of May the combined Harbor Transitway and El Monte Busway Silver Line weekday boardings total was 11,419 which represents a 72.70% increase in ridership since the Silver Line started service in December 2009. For weekday service in May, the Silver Line had an On-Time performance of 74.6%.***

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. Torrance Transit met with New Flyer and decided to cancel its order for hybrid buses, due to the propulsion company declaring Chapter 11 bankruptcy. New CNG buses have been ordered and arrived in October 2011. Foothill, Gardena and Torrance are in the process of preparing their grant applications for their operating subsidies. ***The grant approval by FTA for the operating subsidy is expected by June 2012 for Foothill Transit and Torrance Transit.***

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 was redesigned to continue the interconnect link to the ATSAC Center. As a result, all bids were cancelled April 20, 2011. Preliminary conduit path investigation into ATSAC Control Center completed in May 2011. Project re-design was completed November 2011. The bid package was completed December 6, 2011 and bids were received on January 18, 2012. The Board of Public Works awarded the contract in March and issued a Notice to Proceed. Barring any other unforeseen conditions, construction is anticipated to be completed by July 2012. Construction commenced on April 9, 2012. ***The project is progressing per the schedule even with some delays for special events at LA Live. The contractor is trying to work Saturdays to compensate for any lost work days. Full system integration will be complete by the end of June 2012.*** Staff is working with LADOT to complete the project in June 2012 as it is now on the Critical Path. ***Part of the TPS project also includes the extension of the existing AM peak-period northbound bus-only lane on Figueroa St. between 23rd Street and 4th Street to cover the PM peak-period. Work is scheduled to commence in June 2012 and the completion is projected to be October 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

PROGRAM OVERVIEW & STATUS (Contd)

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 3rd and the transition to the temporary terminal took place in early September. 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 which increased the project budget by more than \$6 million. (The \$6 million overrun was funded by a reallocation of funding from the Patsaouras Plaza Project). 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. In October activities continued for station walls, column construction and foundation pours. Station construction completion is projected to be August 2012 with the Temporary Terminal restoration projected to be October 2012. The LOP budget for the El Monte Station increased to \$60.1 million. ***During May, KPRS completed a tie-in to Southern California Edison near the south ramp, and pulled wire to the light standards on the concourse. Welding of the canopies on the main building, which began in late April, continued through May. In late May, KPRS began erecting the structural steel for the canopies on the main concourse, working on the roof of the two buildings, and installing the siding on those two buildings, too. During May, KPRS also framed the elevator shafts and began work on framework for the escalators (all on the concourse) with the intent of installing the two escalators and three elevators in June. In May, KPRS also began relocation of a gas line on the northern end of the temporary terminal. To facilitate this work, on Monday, May 7th, all bus traffic began to be temporarily re-routed from the busway so that buses en route from Los Angeles to El Monte Station exit the I-10 Freeway at Santa Anita Blvd and enter the terminal from Santa Anita Blvd. On their way towards downtown Los Angeles, buses would leave the Station via Santa Anita Blvd and enter the freeway from Santa Anita as well.***

In May KPRS is more active than ever as the end draws near and there remains much work that is yet to be completed. A total of 18 different sub-contractors are actively engaged in their own various scope's of work. There was another 959 cu yds of concrete placed as well as 305 cu yds of shotcrete placed. Pacific Steel continued with the placement of reinforcement for retaining walls, n/s ramps, generator pads, and monument foundation. Land Mark Electrical with work ongoing thru-out. Waterproofing, framework for elevators, bolting up escalators, roof decking, plumbing, pipe drains, ceiling panels, landscaping and tree removal, removal of piles to 4' below grade, fan installation etc. The site is a busy place.

PROGRAM OVERVIEW & STATUS (Contd)

Patsaouras Plaza – Received Caltrans approval of PR/PSR in May. 100% Advanced Conceptual Engineering was completed in September 2010. The Board approved additional funding as well as a new State of Good Repair federal grant to complete the Patsaouras Plaza Project for a Life of Project Budget of \$16.8 million and separated the LOP budget of Patsaouras Plaza from the LOP budget for the El Monte Station project as approved at the October 2011 Metro Board Meeting. In November staff re-engaged all consultant staff including traffic, geotechnical, and design engineers and started the process of revising the preliminary engineering package and preparing the project for advertisement. Staff will work to refine and revise the preliminary engineering package to mitigate risk item such as traffic plans, foundation plans, geotechnical conditions and coordination with the ExpressLanes Project.

Activities in the reporting period: *Metro issued the IFB package on May 7th, and held a pre-bid conference on May 24th. Metro issued an amendment to the IFB on May 24th; that amendment will not affect the bid period. This IFB has a 60-day bid period with bids due July 9th.* The project will be Design-Build. NEPA approval was received February 2012. Construction is scheduled for completion Summer 2014.

Harbor Transitway – This project will have at least 5 procurements. The low bid at \$547K was awarded to Minco Construction for the Harbor Gateway 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 had to re-design the project. Design concepts for mounting sound panels in stairwells has been approved by Caltrans. Panels will be ordered as soon as formal approval from Caltrans is received. ***On May 8th, Metro received formal Caltrans approval for the Final Design package (panels and shop drawings) of the sound panels to be mounted in the stairwells. Subsequently, the Peterson Chase presented a schedule that showed panel delivery on September 3rd, and installation by October 15th. Metro rejected this schedule as the item was originally was going to take 8-10 weeks and contractor was now showing 14 weeks. Metro asked the contractor to submit a revised schedule, Metro noting the contractor can start the base framing work at this point in time, and then install the panels upon receipt at a later date. In addition, Metro noted that most of the work will take place on Metro ROW, not Caltrans ROW.*** 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. CCTV Contract C0986 price bids have been received and the contract was awarded in February 2012. ***As noted last month, Metro forwarded the contractor's shop drawings for the five stations to Caltrans for their review; Caltrans is***

PROGRAM OVERVIEW & STATUS (Contd)

reviewing, and Metro anticipates approval by mid-June. During the month of May, the contractor completed installation of the electrical cables that will power the CCTV and message boards at the Harbor Gateway Transit Center and at the 37th Street Station; and began installation of those cables at the Slauson and Manchester Stations. At this point, substantial completion is still anticipated by September 2012. To date, project expenditures and encumbrances to date are well within the Project LOP.

Pomona Metrolink Station – In May 2010, 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 2010 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 was achieved. 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 2011.

DEMAND-BASED PARKING PRICING (EXPRESSPARK)

On August 31, 2010, Caltrans approved the E-76 for the PE 2 Phase of LA 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 LA 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 LA 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 29th 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 LA ExpressPark Intelligent Parking Management Project. Also, the City Council provided LADOT the authority to adjust on-street parking meter rates in the LA ExpressPark project area. On September 29, 2011, the City of Los Angeles executed the contract with ACS State and Local Solutions, Inc. for the implementation of the LA ExpressPark Intelligent Parking Management Program. It should be noted that the project has been separated into three phases. The date for LA ExpressPark to be fully operational (October 2012) will not impact the start of the Demo Evaluation Period. LA ExpressPark will support Phase I of the demand-based pricing no later than May 2012. It will be expanded to support Phase II no later than July 2012 and Phase III no later than November 2012, which is consistent with RFP requirements. Phase I will use the baseline data to refine base hourly rates to influence demand. Phase II will build on the demand balance from Phase I and will identify peak periods and establish hourly rates by the time of day. Phase III will

PROGRAM OVERVIEW & STATUS (Contd)

adjust rates per block in select areas in real-time based on current demand. ***The Mayor's press conference to launch the project was held May 21, 2012. There was excellent coverage by the press and good representation from the participating agencies. The initial reaction from the blogs was, on balance, positive. We have followed up with daily postings to Facebook and Twitter. Additionally we have had numerous interviews with the press, radio and television. There has been a delay in installing exit sensors in the off-street lots, which should be corrected by early August. In the meantime, the occupancy status for the off-street facilities is being entered manually to support the elements of the parking guidance system. The DMS sign upgrades and the new neighborhood DMS are scheduled for installation at the end of October. Parkmobile's Pay-by-cell phone app and the Parker app for parking guidance are operational. The contract amendment for the Go511 IVR is being finalized and we hope to have that up and running within the next 60 days. Initial changes in meter policies (hours of operation, time limits and pricing) were developed in May and will be implemented on June 4, 2012.***

MANAGEMENT ISSUES

Concern No. 1: Program Risk Register

Status/Action The Risk Register *will be updated in June 2012 or early July 2012* to reflect changes up to the end of June 2012.

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. Anticipate execution of the agreement by the end of June 2012.

Concern No. 3: LADOT – TPS Work Progress

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. Project re-design was completed November 2011. The Board of Public Works awarded the contract in March and issued a Notice to Proceed. Construction commenced on April 9, 2012. Barring any other unforeseen conditions, construction is anticipated to be completed by July 2012. Staff is working with LADOT to complete the project in June 2012 as it is now on the Critical Path.

Concern No. 4: 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. Due to some cancellations of lane closures by Caltrans, some delays to ExpressLanes schedule have been experienced.

Concern No. 5: ExpressLanes Project Work Adjacent to SCRRA on I-10

Status/Action Metro and DBOM Contractor are continuing coordination with SCRRA's staff to ensure Metrolink operation and ExpressLanes Project work is not impacted. Meetings and close coordination with SCRRA are taking place to eliminate any potential conflicts that the ExpressLanes Project construction may have on SCRRA's operation along the I-10 Freeway.

MANAGEMENT ISSUES (Contd)

Concern No. 6: 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. Good construction progress is being made with DWP and SCE to avoid any impacts to Project. Metro is working closely with DWP to support ExpressLanes Project requirements. Similar effort is being undertaken with SCE's management to support ExpressLanes Project Schedule. ***As of the end of May there are less than 12 power drops remaining to be completed.***

Concern No. 7: Schedule Slippage by Caltrans I-10 Rehab Contractor is Impacting the ExpressLanes Project Schedule During the Construction Phase

Status/Action The Rehab Contractor on the I-10 is several months behind schedule and this is creating Risk to the ExpressLanes Schedule. Metro has elevated the concerns to Caltrans upper Management ***and is working closely with Caltrans to address the delays caused by the I-10 Rehab Contractor.***

Concern No. 8: Removal of Caltrans 12 Fiber Cable and Replacing it with 72 Fiber Cable Along the 110 Freeway

Status/Action A change order, CCO, has been issued to the DBOM Contractor to perform all extra work related to the replacement of the 12 fiber cable with a 72 fiber cable. Close coordination is taking place between Metro, Caltrans and the DBOM Contractor to advance this work without impacting the completion schedule. This work is ***expected to be completed in June 2012.***

Concern No. 9: 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 to Conform to the Final Striping Configuration Required for the ExpressLanes Project

Status/Action Metro is coordinating this effort with Caltrans so this work can be completed as soon as possible. This striping needs to be in place so the DBOM Contractor can start follow on communication work required for the ExpressLanes Project. Caltrans has issued the CCO to perform the final striping to the I-10 Rehab Contractor. The I-10 Rehab Contractor has not performed the final striping of the GP lanes as yet and this delay has created delays to the DBOM Contract Schedule.

MANAGEMENT ISSUES (Contd)

Concern No. 10: 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 ExpressLanes Project Schedule is not impacted.

Concern No. 11: Installation of ExpressLanes 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. 12: 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 Best Management Practices (BMPs) on the ExpressLanes Project which are unrelated to the Project Scope of Work. If Caltrans does not provide this waiver, this will have a potential to impact the ExpressLanes revenue operation date and increase the cost of the project.

Concern No. 13: Widening of Adams Blvd. Bridge to Accommodate an Additional Turn Lane For Vehicles Coming Off I-110 Off Ramp

Status/Action Various work that was done on this bridge in the past years including work by Expo Authority impacted this design effort. Certain constraints imposed by Caltrans and LADOT on the proposed bridge widening work has also caused a delay in completing the design. Metro has coordinated closely the design between DBOM Contractor, Caltrans and LADOT to mitigate impacts to the schedule. Delays to the DBOM Contractor's schedule have been incurred. The design of the widening of the Adams Blvd. Bridge was completed in March and construction work is now in progress. Metro is analyzing the schedule impacts and is planning on using project schedule contingency to mitigate impacts to the completion date for the ExpressLanes Project.

MANAGEMENT ISSUES (Contd)

Concern No. 14: Timing and Construction Coordination between ExpressLanes and Patsaouras Plaza

Status/Action Metro has engaged traffic consultants and performed a Constructability Study to determine the mitigation measures. ***The results of these studies were analyzed for project impact by the Management Team responsible for preparing the RFP and advertisement. The construction effort required in order to complete the Patsaouras scope of work once awarded will make it necessary to coordinate completely with the ExpressLanes, even once open to the public. The one year demonstration period has a high potential of being impacted negatively if not recognized by the successful bidder with the performance of the work.***

Concern No. 15: Patsaouras Plaza Cultural Resource Recovery Plan

Status/Action The Cultural Resources Monitoring and Discovery Plan was completed and submitted to FTA on March 9th. We submitted the document to SHPO for their concurrence on March 14th. ***SHPO concurred with the Cultural Resources Monitoring and Discovery Plan, that it was incorporated into the specifications for the project, and once construction begins, we will have monitoring by Native Americans and Archeologists as per the Plan.***

Concern No. 16: LA ExpressPark ACS has not Completed Contracts with all of its Subcontractors

Status/Action LADOT is working with ACS to expedite this process. The subcontract with Crosstown has not been executed, but ACS does not anticipate any issues, as the work that they will complete is later in the project schedule.

Concern No. 17: Access to the Fiber Optic Cable Located Along the I-10 Freeway for Use by the DBOM Contractor for the Communication Network for the ExpressLanes Project

Status/Action Access to the fiber optic cable that was installed by the I-10 Rehab Contractor along the I-10 Freeway has ***been*** turned over by Caltrans to the ExpressLanes Contractor. Part of this fiber optic cable will be used by the DBOM Contractor for the communication backbone for the toll signs located along the I-10 Freeway. This has impacted the DBOM Contractor's Schedule. Metro is working closely with Caltrans and the DBOM Contractor to mitigate impacts to the schedule. ***It was found out in May that a Contractor working on Sound Walls on the 210 Freeway actually broke the conduit and***

MANAGEMENT ISSUES (Contd)

fiber –optic line Caltrans was using as a backbone for monitoring the I-110 and I-10 performance as it relates to incidents etc. This must be repaired by the 210 Contractor prior to start-up of the ExpressLanes.

Concern No. 18: Caltrans Approval for Harbor Transitway 39th Street Station Sound Enclosure

Status/Action **CLOSED:** On April 18th, Metro received verbal approval, but Caltrans has yet to formally issue a permit for the work. Metro has estimated six to eight weeks for Caltrans review of the submittal and issuance of the permit. Panels will be ordered as soon as Metro receives formal approval from Caltrans. The Project has been forecasted to be completed by September 2012, but any further delay in receipt of formal Caltrans approval to proceed may impact schedule.

Concern No. 19: Caltrans Approval for Harbor Transitway CCTV Cameras

Status/Action Metro met with contractor and Caltrans during the first week of April for plan review and permit requirements. Contractor submitted shop drawings for four of the five stations on April 18th, and for the fifth station the following week. All were forwarded to Caltrans for review. As with the soundwall submittal, Metro estimates it will take Caltrans between six to eight weeks to review submittals and issue the formal approval (permit) for the contractor to begin construction. Substantial completion is anticipated by September 2012.

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 (Harbor Gateway 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 2nd HOT Lane on I-10 (between I-605 and I-1710)** – a 2nd 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.
- **Harbor Transitway Park and Ride Improvements** – improvements will include enhanced signage, lighting and security at 8 Park and Ride lots. A Sherriff's Substation will be constructed at Harbor Gateway 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 37th 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

- **LA 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. The project will be implemented in three successive phases of demand-based pricing development. Phase I: Base Hourly Rate – using baseline data, the system will iteratively refine base hourly rate to influence demand. Phase II: Time of Day – Building upon the demand balance achieved in Phase I, the system will identify peak periods and establish hourly rates by time of day. Phase III: Adaptive – In select areas, the system will adjust rates per block in real-time based on current demand.

KEY MILESTONE SCHEDULE SIX-MONTH LOOKAHEAD

	Milestone Date	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12
HOT Lane Project							
I-110 SB Electrical/Communication	06/15/12		○				
Toll Collection Service Center Installation	06/18/12		○				
I-110 SB Signs	07/03/12			○			
I-110 NB Electrical/Communication	07/10/12			○			
I-110 NB Signs	07/11/12			○			
I-110 Commissioning Test	07/18/12			○			
I-10 WB Electrical/Communication	08/24/12				○		
Adams Pedestrian Over Crossing	08/24/12				○		
I-10 WB Alameda Signs	08/30/12				○		
I-10 EB Electrical/Communication	08/29/12				○		
I-10 EB Signs	08/31/12				○		
I-10 Commissioning Test	09/30/12					○	
I-110 System Acceptance Test	10/23/12						○
Transit Facilities Improvement							
Harbor Transit Way Improvement							
C0986 CCTV HarborTransitways	08/03/12				○		
El Monte Transit Center							
Build Mechanical & Electrical Room	06/04/12		○				
Pour Ramp Slab	06/13/12		○				
Install Permanent Stairs	06/19/12		○				
Mechanical & Electrical Room Rough-in	06/25/12		○				
Install Fabric Canopy	07/05/12			○			
Set Elevator Equipment	07/05/12			○			
Build Escalators	07/19/12			○			
Transit Building	08/17/12				○		
MEP Startup	08/06/12				○		
Substantial Completion Bus Terminal	08/22/12				○		
Pastouras Plaza							
Advertise DB Contract - PP	07/07/12			 Metro			
NTP - PP	09/05/12					 Metro	



Metro Milestone

CT

Caltrans Milestone



Design/Build Constructors



New Date



FHWA

FHWA

Third Parties Approval

FHWA Federal Highway Administration /FTA
Federal Transportation Authority Approval

PROGRAM SUMMARY SCHEDULE

Congestion Reduction Demonstration Program													
Activity ID	Activity Name	Orig. Dur.	Rem. Dur.	Start	Finish	2011		2012		2013		2014	
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Congestion Reduction Demonstration Program													
	Community Outreach	1368	499	01-09-09 A	04-30-14								
	Hot Lanes Preliminary Design	1073	422	06-08-09 A	01-31-14								
	Hot Lanes DBOM Contract Procurement	340	0	04-03-09 A	08-04-10 A								
	USDOT Agreement	174	0	05-17-10 A	01-10-11 A								
	Outside Agency Utility Work	31	22	12-15-10 A	07-02-12								
	Hot Lanes DBOM Construction	836	54	06-08-09 A	08-15-12								
	I-10 Rehab Construction (CALTRANS ESTIMATE)	949	176	09-25-09 A	02-01-13								
	Transit Service Improvements (METRO)	1165	45	03-27-09 A	07-15-12								
	Transit Facility Improvements (METRO)	520	0	09-16-09 A	10-31-11 A								
	Harbor Transitway Improvements CDRP	1368	499	02-02-09 A	04-30-14								
	El Monte Transit Ctr	858	45	02-02-09 A	08-03-12								
	Patsouras Plaza	963	94	02-02-09 A	10-10-12								
	Metrolink Pomona Station Improvements	1283	499	06-01-09 A	04-30-14								
	Transit Signal Priority in Downtown (LADOT)	460	0	01-09-09 A	12-30-10 A								
	ExpressPark (LADOT)	724	23	09-15-09 A	07-03-12								
	Vanpools	1130	262	03-12-09 A	06-03-13								
	CRD Data Collection	379	294	02-01-12 A	08-01-13								
		731	610	02-01-12 A	01-31-14								

Project ID: HOT_Current

Data Date: 06-01-12

Summary Schedule

Page 1 of 1

CRITICAL PATH NARRATIVE

ExpressLanes Project

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.

The projected date for the opening of the I-110 HOT Lanes is October 2012 and the I-10 HOT Lanes is February 2013.

Metro has requested Caltrans to issue to Caltrans' I-10 Rehab Contractor the Change Order, CCO, covering striping on the general purpose lanes on the I-10 Freeway so it will match the final striping to be installed by the DBOM Contractor. Caltrans has advised that they have issued the final CCO to the I-10 Rehab Contractor for striping of the general purpose lanes but the I-10 Rehab Contractor has not performed the final striping work as yet. This work is critical to allow ExpressLanes Project to progress its communication work required for toll signs to be constructed on the outside shoulder. In delaying the issuing of this CCO to the I-10 Rehab Contractor, Caltrans has created delays to the ExpressLanes Project.

Construction of the pedestrian bridge overcrossing on the I-110 Freeway at Adams Blvd. continued through May. Construction work continued on the vehicular bridge at Adams with the installation of falsework, rebar and internal bracing.

Delays in the approval of final design of Adams Bridge widening work and the POC have created schedule delays in having the construction of the bridge work completed to meet the schedule. Metro is analyzing these delays and is accelerating this work to meet the I-110 opening schedule.

Testing of the various systems began in April and is continuing through May. Construction of the various signs is continuing on I-105 Freeway. Work is also continuing on I-10 Freeway on various toll signs, other signs, drainage, median barrier reconstruction, etc. Installation of the DBOM Contractor's servers at Caltrans hubs at Norwalk and San Gabriel is ongoing with close coordination with Caltrans. Power drop installation for 47 locations along the I-10 and I-110 is progressing with DBOM Contractor, DWP and SCE. ***All of the power drops except for one*** along the I-110 Freeway have been completed.

At Adams in May, Caltrans approved additional full freeway closures to allow for the installation of the falsework beam and forming of the full bridge widening. DBOM Contractor expects to start pour the POC deck in early June.

CRITICAL PATH NARRATIVE (Contd)

A temporary CSC Office trailer has been installed at El Monte to support the ExpressLanes Project. This temporary location will serve as an additional site for customer sign up, sales and distribution of the transponders. Tenant improvements continued for the Customer Service Center in Gardena and hiring of customer service staff began in April. ***Once staff was hired full scale training occurred during the month of May. Since the first shipment of transponders were delivered in April to the CSC inventory control measures have been implemented.***

Metro is nearly complete in the analysis of the various schedule delays that have been experienced on the ExpressLanes Project and expects to issue a Contract Extension Change Order to the DBOM Contractor using a portion of the Project Schedule Contingency. Based on this analysis, there will not be any impact to the Revenue Operations Dates for the I-110 Freeway being October 2012 and for the I-10 Freeway being February 2013.

I-10 Rehab Construction

Caltrans I-10 Rehab contractor (Atkinson) previously provided Metro a schedule update, which showed the project completing April of 2012. Although progress appears to have been made it is unlikely that the I-10 Rehab Contractor will complete their work before ***July 2012 and since Caltrans is still issuing CCO's to the rehab contractor, the July date is in danger of not being met.***

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 arrived in October 2011.

CRITICAL PATH NARRATIVE (Contd)

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. The Patsaouras Plaza Project was separated from the El Monte Station LOP at the October Metro Board Meeting. The LOP budget will be \$16.8 million for Patsaouras Plaza and the LOP budget for El Monte Station is increased to \$60.1 million. ***During May, KPRS completed a tie-in to Southern California Edison near the south ramp, and pulled wire to the light standards on the concourse. Welding of the canopies on the main building, which began in late April, continued through May. In late May, KPRS began erecting the structural steel for the canopies on the main concourse, working on the roof of the two buildings, and installing the siding on those two buildings, too. During May, KPRS also framed the elevator shafts and began work on framework for the escalators (all on the concourse) with the intent of installing the two escalators and three elevators in June. In May, KPRS also began relocation of a gas line on the northern end of the temporary terminal. To facilitate this work, on Monday, May 7th, all bus traffic began to be temporarily re-routed from the busway so that buses en route from Los Angeles to El Monte Station exit the I-10 Freeway at Santa Anita Blvd and enter the terminal from Santa Anita Blvd. On their way towards downtown Los Angeles, buses would leave the Station via Santa Anita Blvd and enter the freeway from Santa Anita as well.***

In May KPRS is more active than ever as the end draws near and there remains much work that is yet to be completed. A total of 18 different sub-contractors are actively engaged in their own various scope's of work. There was another 959 cu yds of concrete placed as well as 305 cu yds of shotcrete placed. Pacific Steel continued with the placement of reinforcement for retaining walls, n/s ramps, generator pads, and monument foundation. Land Mark Electrical with work ongoing thru-out. Waterproofing, framework for elevators, bolting up escalators, roof decking, plumbing, pipe drains, ceiling panels, landscaping and tree removal, removal of piles to 4' below grade, fan installation etc; The site is a busy place.

Patsaouras Plaza – Due to several factors: funding shortfall and potential construction schedule impacts to the ExpressLanes. Staff presented a Recovery Plan to the Board with a formal action in October 2011. Staff obtained additional Federal funding to complete the Patsaouras Plaza Project for a Life of Project Budget of \$16.8 million and will separate Patsaouras Plaza from the El Monte Station Project as approved at the October 2011 Metro Board Meeting. ***Activities in the reporting period: Metro issued the IFB package on May 7th, and held a pre-bid conference on May 24th. Metro issued an amendment to the IFB on May 24th; that amendment will not affect the bid period. This IFB has a 60-day bid period with bids due July 9th.*** The project will be a Design-Build. Construction is scheduled for completion Summer 2014.

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. Design issues have been resolved on the sound barrier. **On May 8th, Metro received formal Caltrans approval for the Final Design package (panels and shop drawings) of the sound panels to be mounted in the stairwells. Subsequently, the Peterson Chase presented a schedule that showed panel delivery on September 3rd, and installation by October 15th. Metro rejected this schedule as the item was originally going to take 8-10 weeks and contractor was now showing 14 weeks. Metro asked the contractor to submit a revised schedule, Metro noting the contractor can start the base framing work at this point in time, and then install the panels upon receipt at a later date. In addition, Metro noted that most of the work will take place on Metro ROW.** 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. CCTV Contract C0986 price bids have been received and the contract was awarded in February 2012. **As noted last month, Metro forwarded the contractor's shop drawings for the five stations to Caltrans for their review; Caltrans is reviewing, and Metro anticipates approval by mid-June. During the month of May, the contractor completed installation of the electrical cables that will power the CCTV and message boards at the Harbor Gateway Transit Center and at the 37th Street Station; and began installation of those cables at the Slauson and Manchester Stations. At this point, substantial completion is still anticipated by September 2012.** To date, project expenditures and encumbrances are well within the Project LOP.

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 was redesigned November 2011. The bid package was completed December 6, 2011 and 18 bids were opened January 18, 2012. The Board of Public Works awarded the contract in March and issued a

CRITICAL PATH NARRATIVE (Contd)

Notice to Proceed. Construction commenced on April 9, 2012, and is anticipated to be completed by July 2012. ***The project is progressing per the schedule even with some delays for special events at LA Live. The contractor is trying to work Saturdays to compensate for any lost work days. Full system integration will be complete by end of June 2012.*** Staff is working with LADOT to complete the project in June 2012 as it is now on the Critical Path. ***Part of the TPS project also includes the extension of the existing AM peak-period northbound bus-only lane on Figueroa St. between 23rd street and 4th street to cover the PM peak-period. Work is scheduled to commence in June 2012 and the completion is projected to be October 2012.***

LA 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 LA 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 LA 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 LA ExpressPark Intelligent Parking Management Project. Also, the City Council provided LADOT the authority to adjust on-street parking meter rates in the LA ExpressPark project area. It should be noted that the project has been separated into three phases. The date for the LA ExpressPark to be fully operational (October 2012) will not impact the start of the Demo Evaluation Period. LA ExpressPark will support Phase I of the demand-based pricing no later than May 2012. It will be expanded to support Phase II no later than July 2012 and Phase III no later than November 2012, which is consistent with RFP requirements. Phase I will use the baseline data to refine base hourly rates to influence demand. Phase II will build on the demand balance from Phase I and will identify peak periods and establish hourly rates by the time of day. Phase III will adjust rates per block in select areas in real-time based on current demand. ***The Mayor's press conference to launch the project was held May 21, 2012. There was excellent coverage by the press and good representation from the participating agencies. The initial reaction from the blogs was, on balance, positive. We have followed up with daily postings to Facebook and Twitter. Additionally we have had numerous interviews with the press, radio and television. There has been a delay in installing exit sensors in the off-street lots, which should be corrected by early August. In the meantime, the occupancy status for the off-street facilities is being entered manually to support the elements of the parking guidance system. The DMS sign upgrades and the new neighborhood DMS are scheduled for installation at the end of October. Parkmobile's Pay-by-cell phone app and the Parker app for parking guidance are operational. The contract amendment for the Go511 IVR is being finalized and we hope to have that up and running within the next 60 days. Initial changes in meter policies (hours of operation, time limits and pricing) were developed in May and will be implemented on June 4, 2012.***

Metro LA CRD (ExpressLanes) Program Monthly Project Status Report

May 2012

PROGRAM COST STATUS

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

PERIOD ENDING: MAY 2012

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 202286 - EL MONTE TRANSIT CENTER		4	60,106,000		60,106,000	405,197	54,708,707	3,052,141	43,446,274	-
CP 202287 - HARBOR TRANSITWAY IMPROVEMENTS			3,850,000	-	3,850,000	19,938	3,374,595	12,118	2,142,592	-
CP 202317 - PATSOURAS PLAZA CONNECTOR		4	16,803,000	-	16,803,000	59,764	2,163,888	56,912	1,724,170	-
CP 210115 - BIKE LOCKERS			101,012	-	101,012	-	101,012	-	101,012	-
CP 210120 - TOLLTECHNOLOGY & ROADWAY IMPROVEMENTS		1	120,635,000	-	120,635,000	341,975	93,478,764	5,942,984	76,152,083	-
METRO & CALTRANS TOTAL			228,709,629	-	228,709,629	826,874	181,041,583	9,064,155	150,780,749	-
OTHER AGENCIES OR OTHER METRO COSTS:										
METROLINK	POMONA METROLINK STATION - INC. PARKING	5	10,815,476		10,815,476		10,815,476		10,815,476	-
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	-	1,123,158	96,541	424,391	-
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	-	-	-	-	-
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	-	483,614	43,965	483,614	-
METRO	FACILITY O&M			-	-	-	-	-	-	-
METRO	VANPOOLS		400,000	-	400,000	-	-	-	-	-
LADOT	EXPRESSPARK		18,500,000	-	18,500,000		18,165,743	1,555,195	3,610,842	-
OTHER AGENCIES OR OTHER METRO COSTS:			62,259,914	-	62,259,914	-	41,893,816	1,695,701	23,769,732	-
TOTAL CRD PROGRAM:		2	290,969,543	-	290,969,543	826,874	222,935,399	10,759,856	174,550,481	-

NOTE 1: \$120.6M ADOPTED BUDGET DOES NOT INCLUDE O&M COSTS FOR FIRST YEAR DEMONSTRATION.

NOTE 2: ADOPTED BUDGET OF APPROXIMATELY \$389.2M 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 LESS THE UNION DIVISION WHICH HAS BEEN REMOVED FROM CRD PROGRAM, BRINGING THE ADOPTED BUDGET TO APPROXIMATELY \$291M.

NOTE 3: FUNDED BY ISTEA EARMARK AND LOCAL MATCH

NOTE 4: METRO BOARD REPORT AUTHORIZED TO SPLIT EL MONTE TRANSIT CENTER AND PATSOURAS PLAZA CONNECTOR INTO TWO SEPERATE PROJECTS IN OCTOBER, 2011.

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH APRIL 30, 2012. CP 202001 - UNION DIVISION, HAS BEEN REMOVED FROM THE CRD PROGRAM.

CONGESTION REDUCTION DEMONSTRATION PROGRAM
STATUS OF FUNDS BY SOURCE AS OF APRIL 30, 2012

Funding Sources	(A) Original Budget	(B) Total Funds Anticipated	(C) Add'l Funds Anticipated	(D) Total Funds Available	(E) (E/B+C) Commitments		(F) (F/B+C) Expenditures		(G) (G/B+C) Billed to Funding Source	
					\$	%	\$	%	\$	%
Federal - Section 5309 ⁽¹⁾	\$ 210,600,000	\$ -	\$ -	\$ -	\$ -		\$ -		\$ -	
Federal - Section 5307 ⁽²⁾	\$ -	\$ 83,516,000	\$ -	\$ 83,296,999	\$ 82,939,697	99.3%	\$ 71,195,943	85.2%	\$ 68,778,035	82.4%
Cities' match to Section 5307 ⁽²⁾	\$ -	\$ 2,256,000	\$ -	\$ 2,256,000	\$ 2,257,793	100%	\$ 1,719,710	76.2%	\$ 1,719,710	76.2%
Federal - CMAQ (transferred from 5307)	\$ -	\$ 57,500,000	\$ 18,900,000	\$ 76,400,000	\$ 56,653,930	74.2%	\$ 27,435,398	35.9%	\$ 10,830,394	14.2%
Federal - CMAQ	\$ -	\$ -	\$ 18,300,000	\$ 12,900,001	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
Federal - Section 5309 State of Good Repair	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		\$ -	
Federal - Section 5308 Clean Fuel	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		\$ -	
Federal - Section 5309 Livability Initiative	\$ -	\$ -	\$ 9,679,000	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
Other agencies' Federal Funds	\$ -	\$ -	\$ 9,732,591	\$ 9,732,591	\$ 4,621,638	47.5%	\$ 3,799,472	39.0%	\$ 3,459,959	35.6%
State - Prop 1B SLPP ^{(3) (5) (6)}	\$ -	\$ 20,000,000	\$ -	\$ 20,000,000	\$ 20,000,000	100.0%	\$ 20,000,000	100.0%	\$ 20,000,000	100.0%
State - Prop 1B Transit	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -		\$ -	
Local - Measure R 35% ⁽⁵⁾	\$ -	\$ 3,586,931	\$ -	\$ 3,586,931	\$ 3,586,931	100%	\$ 3,586,931	100.0%	\$ 3,586,931	100%
Local - Prop C 40% ⁽⁵⁾	\$ -	\$ 13,025,069	\$ -	\$ 13,025,069	\$ 12,929,988	99.3%	\$ 10,447,054	80.2%	\$ 9,842,577	75.6%
Local - Prop C 25% ⁽⁵⁾	\$ -	\$ 28,355,000	\$ 3,123,158	\$ 30,355,000	\$ 33,167,965	105.4%	\$ 32,892,971	104.5%	\$ 29,604,295	94.0%
Local - Prop C 10% ⁽⁵⁾	\$ -	\$ 1,120,000	\$ -	\$ 1,120,001	\$ 1,120,001	100.0%	\$ 1,120,001	100.0%	\$ 1,120,001	100.0%
Local- Capital Projects Repayment ⁽⁵⁾	\$ -	\$ 1,241,000	\$ -	\$ 1,241,000	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
Local - SAFE ⁽⁴⁾	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	0.0%	\$ -	0.0%	\$ -	0.0%
Other Local funds ⁽⁷⁾	\$ -	\$ -	\$ 6,815,629	\$ -	\$ 970,345	14.2%	\$ -	0.0%	\$ -	0.0%
Other agencies' contribution	\$ -	\$ -	\$ 10,066,510	\$ 9,621,510	\$ 5,016,051	49.8%	\$ 2,353,002	23.4%	\$ 1,999,979	19.9%
TOTALS	\$ 210,600,000	\$ 210,600,000	\$ 80,616,887	\$ 263,535,102	\$ 223,264,339		\$ 174,550,482		\$ 150,941,881	

Notes:

⁽¹⁾ 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.

⁽²⁾ 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.

⁽³⁾ SLPP = State and Local Partnership Program

⁽⁴⁾ SAFE = Service Authority for Freeway Emergencies

⁽⁵⁾ Represent a series of Metro' internal funds exchanges between projects to swap Section 5307 funds for local funds.

⁽⁶⁾ 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.

⁽⁷⁾ Other Local Funds will be identified in the Metro Adopted Fiscal Year Budget of the year the expense is budgeted.

Division 13 was removed from the LA CRD program.

Metro LA CRD (ExpressLanes) Program Monthly Project Status Report

May 2012

CONGESTION REDUCTION DEMONSTRATION PROGRAM STATUS OF FUNDS BY PROJECT AS OF APRIL 30, 2012

PROJECT	FUNDING SOURCES (Funds Anticipated)										Total Local Funds	Non CRD Funds	Total
	Federal - Section 5309	Federal - Section 5307	Cities' Match to Section 5307	Federal - CMAQ (Transferred from 5307)	State - Prop 1B SLPP	Local - Measure R 35%	Local - Prop C 40%	Local - Prop C 25%	Local - Prop C 10%	Local - Capital Projects Repayment			
Metro													
PROCUREMENT 41 BUSES	\$ -	\$ 22,588,132	\$ -	\$ -	\$ -	\$ 3,586,931	\$ 1,039,553	\$ -	\$ -	\$ -	\$ 4,626,485	\$ -	\$ 27,214,617
DIVISION 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EL MONTE TRANSIT CENTER	\$ -	\$ 42,866,636	\$ -	\$ -	\$ -	\$ -	\$ 10,851,736	\$ -	\$ -	\$ -	\$ 10,851,736	\$ 6,367,629	\$ 60,106,000
PATSAURAS PLAZA IMPROVEMENTS	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000	\$ 15,303,000	\$ 16,803,000
HARBOR TRANSITWAY IMPROVEMENTS	\$ -	\$ 3,080,000	\$ -	\$ -	\$ -	\$ -	\$ 770,000	\$ -	\$ -	\$ -	\$ 770,000	\$ -	\$ 3,850,000
BIKE LOCKERS (El Monte, Artesia)	\$ -	\$ 37,232	\$ -	\$ -	\$ -	\$ -	\$ 63,780	\$ -	\$ -	\$ -	\$ 63,780	\$ -	\$ 101,012
TOLL TECHNOLOGY & ROADWAY IMPROVEMENTS (Express Lanes)	\$ -	\$ -	\$ -	\$ 41,500,000	\$ 20,000,000	\$ -	\$ -	\$ 28,355,000	\$ -	\$ 1,241,000	\$ 29,596,000	\$ 29,539,000	\$ 120,635,000
Metro Total	\$ -	\$ 69,792,000	\$ -	\$ 41,500,000	\$ 20,000,000	\$ 3,586,931	\$ 13,025,069	\$ 28,355,000	\$ -	\$ 1,241,000	\$ 46,208,000	\$ 51,209,628	\$ 228,709,628
Other Agencies/Other Metro Costs													
METROLINK - Pomona Station (Including Parking)	\$ -	\$ 4,480,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,120,000	\$ -	\$ 1,120,000	\$ 5,215,476	\$ 10,815,476
METRO - Operating Subsidy for Demo (Highway)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,915,338	\$ 2,915,338
METRO - Operating Subsidy for Demo (Transit)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,801,124	\$ 3,801,124
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (143,204)	\$ 856,796
METRO - Vanpools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
LADOT - Express Park	\$ -	\$ -	\$ -	\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ 18,500,000
Other Agencies/Other Metro Costs Total	\$ -	\$ 13,724,000	\$ 2,256,000	\$ 16,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,120,000	\$ -	\$ 1,120,000	\$ 29,407,260	\$ 62,507,260
TOTAL FUNDS ANTICIPATED	\$ -	\$ 83,516,000	\$ 2,256,000	\$ 57,500,000	\$ 20,000,000	\$ 3,586,931	\$ 13,025,069	\$ 28,355,000	\$ 1,120,000	\$ 1,241,000	\$ 47,328,000	\$ 80,616,888	\$ 291,216,888

Note: columns A+B+C+D+E sum up to \$270,600,000. The Non-CRD funds are beyond the \$270.6 million.

Division 13 was removed from the LA CRD program.

PROJECT	FUNDING SOURCES (Expenditures)										Total Local Funds	Non CRD Funds	Total
	Federal - Section 5309	Federal - Section 5307	Cities' Match to Section 5307	Federal - CMAQ (Transferred from 5307)	State - Prop 1B SLPP	Local - Measure R 35%	Local - Prop C 40%	Local - Prop C 25%	Local - Prop C 10%	Local - Capital Projects Repayment			
Available Sources	\$ -	\$ 83,516,000	\$ 2,256,000	\$ 57,500,000	\$ 20,000,000	\$ 3,586,931	\$ 13,025,069	\$ 28,355,000	\$ 1,120,000	\$ 1,241,000	\$ 47,328,000	\$ 80,616,888	\$ 291,216,888
Metro													
PROCUREMENT 41 BUSES	\$ -	\$ 22,588,132	\$ -	\$ -	\$ -	\$ 3,586,931	\$ 1,039,553	\$ -	\$ -	\$ -	\$ 4,626,485	\$ -	\$ 27,214,617
DIVISION 13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EL MONTE TRANSIT CENTER	\$ -	\$ 34,757,019	\$ -	\$ -	\$ -	\$ -	\$ 8,689,255	\$ -	\$ -	\$ -	\$ 8,689,255	\$ -	\$ 43,446,274
PATSAURAS PLAZA IMPROVEMENTS	\$ -	\$ 903,788	\$ -	\$ -	\$ -	\$ -	\$ 225,947	\$ -	\$ -	\$ -	\$ 225,947	\$ 594,435	\$ 1,724,170
HARBOR TRANSITWAY IMPROVEMENTS	\$ -	\$ 1,714,074	\$ -	\$ -	\$ -	\$ -	\$ 428,518	\$ -	\$ -	\$ -	\$ 428,518	\$ -	\$ 2,142,592
BIKE LOCKERS (El Monte, Artesia)	\$ -	\$ 37,232	\$ -	\$ -	\$ -	\$ -	\$ 63,780	\$ -	\$ -	\$ -	\$ 63,780	\$ -	\$ 101,012
TOLL TECHNOLOGY & ROADWAY IMPROVEMENTS (Express Lanes)	\$ -	\$ -	\$ -	\$ 23,938,426	\$ 20,000,000	\$ -	\$ -	\$ 32,213,657	\$ -	\$ -	\$ 32,213,657	\$ -	\$ 76,152,083
Metro Total	\$ -	\$ 60,000,245	\$ -	\$ 23,938,426	\$ 20,000,000	\$ 3,586,931	\$ 10,447,054	\$ 32,213,657	\$ -	\$ -	\$ 46,247,642	\$ 594,435	\$ 150,780,749
Other Agencies/Other Metro Costs													
METROLINK - Pomona Station (Including Parking)	\$ -	\$ 4,479,999	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,120,001	\$ -	\$ 1,120,001	\$ 5,215,476	\$ 10,815,476
METRO - Operating Subsidy for Demo (Highway)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
METRO - Operating Subsidy for Demo (Transit)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
METRO - I-110 Adams Flyover (PSR)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 424,391	\$ 424,391
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	\$ -	\$ -	\$ -	\$ 457,702	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,912	\$ 483,614
METRO - Vanpools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LADOT - Express Park	\$ -	\$ -	\$ -	\$ 3,039,270	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 571,573	\$ 3,610,843
Other Agencies/Other Metro Costs Total	\$ -	\$ 11,195,698	\$ 1,719,710	\$ 3,496,972	\$ -	\$ -	\$ -	\$ -	\$ 1,120,001	\$ -	\$ 1,120,001	\$ 6,237,352	\$ 23,769,733
TOTAL EXPENDITURES	\$ -	\$ 71,195,943	\$ 1,719,710	\$ 27,435,398	\$ 20,000,000	\$ 3,586,931	\$ 10,447,054	\$ 32,213,657	\$ 1,120,001	\$ -	\$ 47,367,643	\$ 6,831,787	\$ 174,550,482
Underbudget (overbudget)	\$ -	\$ 12,320,057	\$ 536,290	\$ 30,064,602	\$ -	\$ -	\$ 2,578,015	\$ (3,858,657)	\$ (1)	\$ 1,241,000	\$ (39,643)	\$ 73,785,101	\$ 116,666,407

Note: The Express Lanes exceeded the PC25% funds available by \$3.9 million. Items need to be reconciled.

PROGRAM COST ANALYSIS

Adopted Budget

The Adopted Budget reflects removal of Division 13 budget resulting in an adjusted CRD Program Budget of \$291 million.

Current Forecast

The Current Forecast of approximately \$291 million remains the same as the Adopted Budget.

Commitments

The Commitments increased by \$827,000 this period primarily for Metro staff charges, and purchase orders for materials and services for El Monte, Harbor Transitway, ExpressLanes and Patsaouras Plaza.

Expenditures

Expenditures increased by \$10.8 million this period primarily for expenditures for design/build invoices for El Monte and ExpressLanes, LADOT's ExpressPark and Transit Signal Projects, I-110 Adams Flyover, design and construction management consulting, and Metro and Caltrans staff labor charges. The \$174.6 million in Project Expenditures to date represent 60.0% of the program budget of \$291 million.

STATUS OF FUNDS ANTICIPATED

FEDERAL CMAQ:

Transit Signal Priority (LADOT): \$856,796 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 February 2012.

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-Y797) 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 \$960K (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.

Metro Bus Operations: An FTA grant application of \$3.8M (CA-95-X099) for Metro Silver Line operations was submitted to FTA in October 2011.

FEDERAL FTA 5309:

Patsaouras Connector: An FTA grant award was announced in the amount of \$9.7 million on October 17, 2011.

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)

STATUS OF FUNDS ANTICIPATED (Contd)

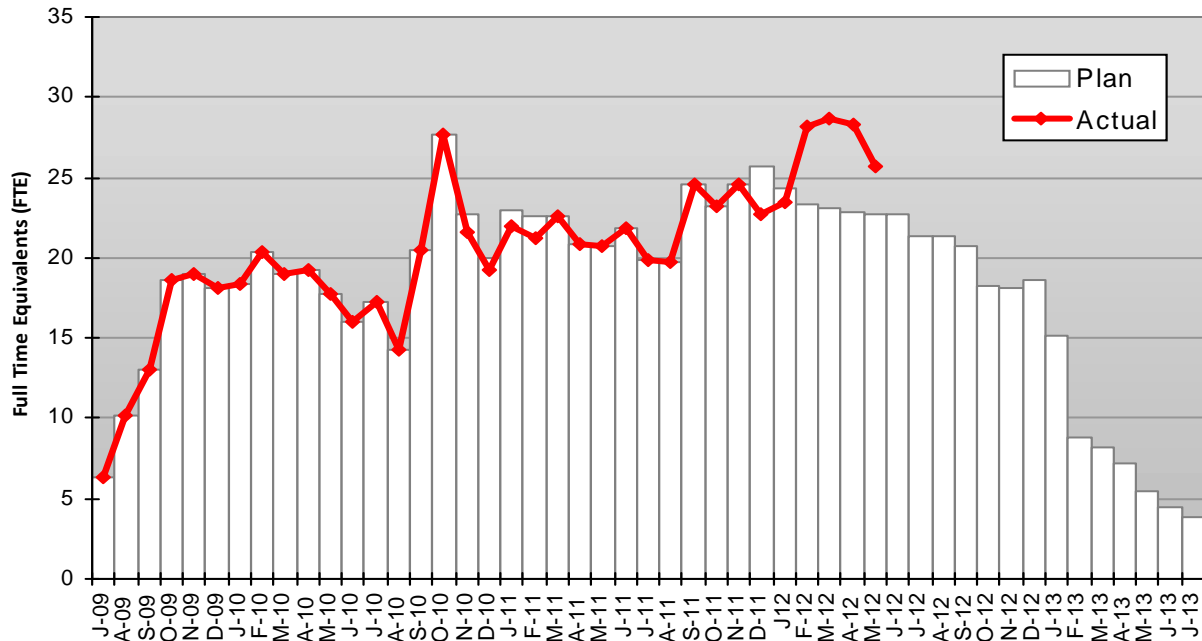
will be the fund source for the LONP. At its January 2011 Meeting, the CTC approved the \$20 million in SLPP funds so there is no further need for the LONP. The State will reimburse Metro for any funds that were expended prior to the allocation of the funds in January 2011.

ADAMS FLYOVER PSR ISTEAFUNDS:

\$4,104,000 of ISTEAFunds was approved in December 2010. A second request for \$2,127,000 was approved by FHWA in February 2011. A third request for \$41,632 was approved by FHWA in March 2011. The full amount of \$6,272,632 in ISTEAFunds have been approved and are available for drawdown.

STAFFING STATUS

Total Program Staffing - FTEs



Total Program Staffing

The recent increase in the Actual Program Staffing Curve is a direct result of the Project's request to provide a Supervised Safe Work Zone in the areas of work that are directly adjacent to the Green Line Alignment and the I-110 Harbor Freeway interface with the Century Freeway work zones.

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 seven (7) projects that require environmental approval. NEPA/CEQA approval has been received for all projects.

- 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. NEPA and CEQA approvals were received February 2012.
- Transit Signal Priority – Categorical Exclusion (NEPA)/Categorical Exemption (CEQA). NEPA and CEQA approved September 2009.
- LA 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 May 2012 outreach briefings were provided to stakeholders at the Northwest San Pedro Neighborhood Council, Metro Gateway Cities and San Gabriel Valley Service Councils, Bus Operators Subcommittee, Los Angeles Business Council, Metro Streets and Freeways Committee, California Toll Operators Committee, Transportation Research Board Managed Lanes Conference, Encino Neighborhood Council, and Music Center.

The total of 310 program briefings were held between April 25, 2008 and May 31, 2012 as follows:

- *Program stakeholder briefings, technical advisory group meetings, and live web chats: 214*
- *Construction mitigation briefings: 4*
- *Legislative briefings: 58*
- *Corridor Advisory Group meetings: 14*
- *Public hearings: 8*
- *Community workshops: 7*
- *Information tables: 5*

A total of 27 construction notices were distributed to the public between June 7, 2011 and May 31, 2012.

As of May 31, 2012, the Metro ExpressLanes stakeholder database included 2,126 contacts.

QUALITY ASSURANCE STATUS

ExpressLanes Program

- Attended weekly coordination and ITS Detection Systems meeting.
- Reviewed CTEs for various CNs.
- Completed surveillance of As-Built document preparation.

El Monte Busway & Transit Center

- Attended weekly coordination meetings.

Union/Patsaouras Plaza Busway Station

- Reviewed quality requirements in current RFP package.

SAFETY STATUS

ExpressLanes

- Participated in weekly Progress Meetings with Construction Manager and Atkinson's Management staff to discuss safety/security issues and construction schedule.
- Monitored daily and night construction activities to ensure compliance with contract specifications.
- Atkinson and their subcontractors reported 17,997 work hours and zero incidents for the month of May 2012. Total project to date work hours are 80,135.

El Monte Transit Center

- Participated in weekly progress meeting with Construction Manager 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 15,327 work hours for the month of May 2012. Total project to date work hours are 193,766 and the incident rate is 2.0. The National Average Rate is 3.8.

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 has approved the designs and is currently working on getting the meters installed. DWP is reviewing the draft MOU.
So Cal Edison	Electrical Service Agreement	Drops by PB/IBI Application Only			Capital	SCE has completed the designs and is currently working on getting the meters installed.
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	Executed.

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	Noise variance was granted by the Police Commission.
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
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
TCA	User Fee Agreement	User Fee (Title 21 Interoperability)		\$0	Operating	Executed 6/8/10

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: 3 officers and 2 officers	Data Collection Requirement	\$1,994,284 CMAQ or Toll Revenues	Operating	With CHP for Legal Review
DMV	Requestor Account	Allows access to DMV records	None	\$250	Operating	Executed 2/9/12
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	In Process
MTA	Collection Agency Agreement				Operating	Not Started
MTA	Transit Court Hearing Officers	Transit Court to provide Hearing Officers for Administrative Review Hearings	None	Actual Costs Toll Revenues	Operating	With ExpressLane s Staff for Review
Foothill Transit	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
Torrance Transit	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
Gardena Municipal Bus Lines	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
Metro Bus Operations	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
OCTA	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
LADOT Commuter Express	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
USC	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
LAX Flyaway	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
LA County Sheriffs (Buses Only)	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process
CHP	MOU	Non Revenue Usage Agreement		\$0	Operating	In Process

OPERATIONS AND MAINTENANCE AGREEMENTS

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
MTA	Welcome Package	Materials needed for new Customer Welcome Package			Operating	In Process
MTA	Retail Welcome Kit	Materials needed for Retail Transponder Packaging			Operating	Completed

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 finished with the design and have started installing meters and powering up some of the drops.
So Cal Edison	Electrical Service Agreement	Drops by Application Only			Capital	SCE is finished with the design and have started installing meters and powering up some of the drops.

FUNDING AGREEMENTS

Agency	Agreement Type	Purpose	Special Provisions	Funding Amount	Type of Funds	Completion Status
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
Foothill Transit Agency	LOA – Amendment #2	Revise to include specifics about Data Collection		\$7,461,000 FTA 5307 \$3,200,000 CMAQ	Capital and Operating	Executed November 2011
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
Gardena Municipal Bus Lines	LOA – Amendment #1	Revise to include specifics about Data Collection		\$1,200,000 FTA 5307 \$580,187 CMAQ	Capital and Operating	Executed January 2012
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
Torrance Transit	LOA – Amendment #1	Revise to include specifics about Data Collection		\$2,800,000 FTA 5307 \$1,160,373 CMAQ	Capital and Operating	Executed January 2012
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
Los Angeles Department of Transportation	LOA – Amendment #1	Revise to include specifics about Data Collection		\$15,000,000 CMAQ	Capital	In Progress
Los Angeles Department of Transportation	LOA – Amendment #1	Revise to include specifics about Data Collection and add a camera at Alameda		\$900,884	Capital	With Metro Legal for Review
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
Southern California Regional Rail Authority	LOA – Amendment #1	Revise to include specifics about Data Collection		\$4,480,000 FTA 5307 \$1,120,000 Prop C 10%	Capital	Executed November 2011

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	Letter Agreement	Concurrence for Schedule Extension			Capital	Concurred December 2010

DBOM CONTRACTOR RESPONSIBILITY

Agency	Agreement Type	Purpose	Special Provisions	Completion Status
FCC	License Agreement	Needed for Operation of Fastrak Transponders?	DBOM Contractor to secure	COMPLETE
TBD	Maintenance Agreement	Toll Electrical and Equipment Maintenance	DBOM Contractor to secure	
TBD	Facility Lease	Needed for Customer Service Center	DBOM Contractor to secure	COMPLETE
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

<div>ExpressLanes Project</div> <div>Atkinson Construction</div>	<div>Contract No.: PS0922102333</div> <div>Status as of: May 31, 2012</div>						
<div>Progress/Work Completed:</div> <div><div><div>• 10 Dynamic Message Signs are commissioned along I-110 Corridor.</div><div>• Adams POC Retaining Wall is poured.</div><div>• Sign 10 has been fully commissioned to allow the next stage, which is communication testing. All other sign/toll locations will follow.</div><div>• Falsework Beam is fully erected for Adams widening which will allow for commencement of the widening work.</div><div>• Various Signs, Toll Gantries, and Dynamic Message Signs are being installed along the I-110 Corridor.</div><div>• Fiber Optic testing for the Rehab Contractor on I-10 is complete. Expresslanes contractor can proceed to use empty conduit.</div></div></div> <div>Areas of Concern:</div> <div><div><div>• Coordination of the DBOM contractor proposed construction with other Caltrans contractors on I-10, I-105, and I-110.</div><div>• Supply of materials such as sign structures that required long lead times for remaining work along I-10 Corridor.</div><div>• Additional drainage improvement requirements on I-110 Freeway north of the I-105 connector.</div><div>• Coordination of sign installation along the I-105 adjacent to the Metro Green Line</div><div>• 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.</div><div>• Timely review and resolution of comments by Caltrans of Design Unit 5A along I-10 Freeway</div><div>• The Rehab contractor has not completed striping along the I-10 corridor.</div><div>• Customer Service Center (CSC) that will support Expresslanes Project is not completed.</div></div></div>	<div>Major Activities (In Progress):</div> <div><div><div>• Setting falsework for Adams Widening.</div><div>• Setting deck reinforcement at the Adams POC along with backfill operations at Plaza area.</div><div>• A total of 10 Dynamic Message Signs have been commissioned. There are three that remain along I-110 and two that remain along I-105.</div><div>• Continue placing traffic loops along I-110 corridor.</div><div>• Continue testing tolling locations for systems communications.</div><div>• DBOM contractor has completed 99% of contract design effort. Design Unit 5A remains to be Approved for Construction (AFC.)</div><div>• Continue placing cameras, sensors, and other tolling equipment along I-110.</div><div>• Installation of CIDH pile caps for DMS signs along the I-10 adjacent to Metrolink.</div><div>• Preparation of site work for reconstruction of median barrier at locations of DMS signs along I-10 continues.</div><div>• Construction of median barrier adjacent to DMS signs along I-110 freeway.</div><div>• Installation of power feeds for DMS signs and lighting along I-10 and I-110 Freeways.</div><div>• Wiring of roadside cabinets for communication of UPS is continuing.</div><div>• Continue installation of drainage system along the I-10 corridor at locations adjacent to CIDH Foundations.</div><div>• Sign erection along I-10 corridor continues.</div><div>• Continue with setting up Customer Service Center to support all systems and operation functions in Gardena and El Monte Centers.</div></div></div> <div>Major Activities Next Period:</div> <div><div><div>• Install Adams Widening falsework, pour support brackets, and pour new overhang.</div><div>• Install 2 remaining CIDH piles along Adams Offramp.</div><div>• Pour Adams POC bridge deck</div><div>• Backfill POC Plaza area and build remaining Retaining Wall.</div><div>• Design Unit No.5A I-10 Striping pre-Approval for Construction.</div><div>• Continue work on power feeds for all toll and DMS signs on I-10 and I-110 Freeway</div><div>• Continue with construction of median barrier adjacent to DMS signs along I-110 and I-10 freeways.</div><div>• Continue with installation of drainage system along I-110 north of 105 Freeway.</div><div>• Continue setting up the Customer Service Center as it relates to system support in Gardena and El Monte.</div></div></div>						
		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	
<div>Schedule Summary:</div> <div><div>Notice of Award</div><div>12/15/10</div></div> <div><div>Notice to Proceed</div><div>01/11/11</div></div> <div><div>Original Contract Duration (CD)</div><div>685</div></div> <div><div>Approved Time Extensions (CD)</div><div>0</div></div> <div><div>Current Contract Duration (CD)</div><div>685</div></div> <div><div>Data Collection/Demonstration (CD)</div><div>365</div></div> <div><div>Elapsed Time from NTP (CD)</div><div>506</div></div> <div><div>Contract Elapsed Time Percent</div><div>73.9%</div></div>		<div>Cost Summary:</div> <div>\$ In 000's</div> <div><div>1. Award Value:</div><div>72,364</div></div> <div><div>2. Executed Modifications:</div><div>9,785</div></div> <div><div>3. Approved Change Orders:</div><div>2,215</div></div> <div><div>4. Current Contract Value (1 + 2 + 3):</div><div>84,364</div></div> <div><div>5. Incurred Cost:</div><div>64,660</div></div> <div><div>6. Percent Incurred Cost:</div><div>76.6%</div></div>					

CONSTRUCTION PHOTOGRAPHS



POC facing NW.



Plaza RW and POC.

CONSTRUCTION PHOTOGRAPHS



Sign 130 at NB I10.



Adams POC facing East.

CONSTRUCTION PHOTOGRAPHS



Area prepared for backfill behind POC wall.

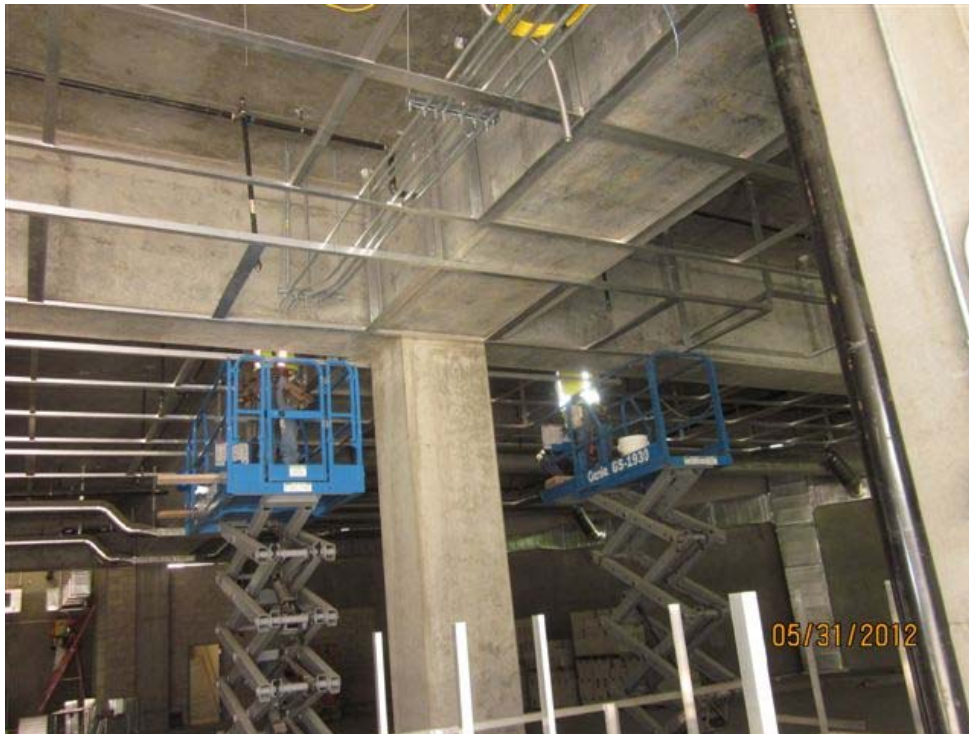


New POC with FW BM.

CONTRACT STATUS

El Monte Transit Center Project Status as: May 31, 2012		Contract No. C0958 Contractor: KPRS Construction Svcs Inc.					
Progress/Work Completed: <i>Terminal</i> <ul style="list-style-type: none">- Large Steel Canopy Framing- Shotcrete Ramp Walls- Concrete Bench Seating Areas of Concern: <ul style="list-style-type: none">- SCE providing main power feed to the new facility on time.- Any major equipment failure.- Elevators functioning properly.- Escalators functional, State Inspector's timely review, inspection and approval.- Labor problems of any kind.- Easement from Caltrans to Metro allowing permanent power hook-up to new terminal. (Currently Caltrans has not signed off).- Completion of the retail portion in time for the Grand Opening.- Multiple subcontractors working in the same limited space.- Loss of materials or shortage of materials needed.		Major Activities (In Progress): <i>Terminal</i> <ul style="list-style-type: none">- Build Mech & Elec Rooms- Install Overhead MEP- Install Permanent Stairs- Build Escalators- Deliver/set MEP Equipment- Mech & Elec Rooms Rough In- Form/Rebar/Pour Ramp Slabs <i>Retail/Transit Building</i> <ul style="list-style-type: none">- Exterior Wall Construction- Full Height Wall Framing- Building Canopy- MEP Overhead Major Activities Next Period: <i>Terminal</i> <ul style="list-style-type: none">- Irrigation & Drain for Planters- Exterior Wall Construction- Install Elevator- Medium/Large Fabric Canopy <i>Retail/Transit Building</i> <ul style="list-style-type: none">- Roofing- Exterior Doors & Hardwares					
			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	10/10/12	10/19/12		-9
Schedule Summary:		Cost Summary: \$ In 000's					
Notice of Award	06/18/10	1. Award Value:		39,001			
Notice to Proceed	08/13/10	2. Executed Modifications:		0			
Original Contract Duration (CD)	660	3. Approved Change Orders:		8,212			
Approved Time Extensions (CD)	99	4. Current Contract Value (1 + 2 + 3):		47,213			
Current Contract Duration (CD)	759	5. Incurred Cost:		42,104			
Elapsed Time from NTP (CD)	657	6. Percent Incurred Cost:		89.2%			
Contract Elapsed Time Percent	86.6%						

CONSTRUCTION PHOTOGRAPHS



Installing metal ceiling frames.



South bus ramp.

CONSTRUCTION PHOTOGRAPHS



Main HVAC units on site.



Welding canopies.

CONSTRUCTION PHOTOGRAPHS



Metal framing on elevator shaft #3.



Looking east.

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 st 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 nd 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

2009	
8/2009 (Actual)	Bicycle Lockers @ Harbor Gateway Transit Center
2010	
12/2010 (Actual)	Sheriff's substation @ Harbor Gateway Transit Center
12/2010 (Actual)	Metrolink Pomona (North) Station Improvements
2011	
6/2011 (Actual)	Phase I Silver Line enhanced service starts – AM peak every 10 minutes
7/2010 (Actual)	Lighting at Harbor Transitway Stations
8/2011 (Actual)	Bus Stop Cutouts @ Slauson & Manchester Transitway Stations
10/2011	Community-based Vanpool Formation
Late 2011 – (Actual)	New Buses received for I-10 El Monte Busway
Late 2011 – (Actual)	New Buses received for I-110 Harbor Transitway
2012	
5/2012	LA ExpressPark-Phase I Begins
6/2012	I-110 Adams Blvd. Flyover – Project Initiation Document/Project Study Report (PID/PSR)*
7/2012	LA ExpressPark-Phase II Begins
8/2012	El Monte Station Expansion
9/2012	Noise Pilot @ 37" Street Harbor Transitway Station
9/2012	CCTV Installation @ Harbor Transitway Stations
10/2012	LA ExpressPark-Phase III Begins, IPM Fully Operational
10/2012	I-110 ExpressLanes & Adams Blvd. Street Widening
2013	
2/2013	I-10 ExpressLanes
2014	
Summer	Patsaouras Plaza Connector
3/2014	I-110 Adams Blvd. Flyover – Environmental Document (PAED)*

** 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 th 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 th 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 Harbor Gateway Transit Center & downtown LA
March 2011-Selected Late Night Closures	Harbor Transitway Closed which resulted in detouring via Figueroa between Harbor Gateway 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 Harbor Gateway Transit Center & downtown LA
June 2011	From June 1-10, 2011, the Harbor Transitway had night closures which resulted in detouring via Figueroa between Harbor Gateway 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.
September 2011	Beginning September 26, 2011 through September 2012, the El Monte Busway will be closed every night from 10:00 pm – 5 am (westbound) and 10:00 pm – 6:00 am (eastbound) due to Metro ExpressLanes construction. During this time, LAC+USC Medical Center Station and Cal State LA Station will not be served. Passengers are suggested to take Line 70 or Metrolink.

Metrolink San Bernardino Line Transportation System Changes Log

April 1, 2011	<ul style="list-style-type: none">Beginning on April 1st, 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.
May 2011	<ul style="list-style-type: none">Beginning on May 1st, 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.Effective May 9th, 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.
July 2011	<ul style="list-style-type: none">Effective July 1st, 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.New 10 percent student discount added to one-way and roundtrip ticket.New 7-Day Pass will be good seven consecutive days from purchase between a set origination and destination.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.

Metrolink San Bernardino Line Transportation System Changes Log

November 2011	<ul style="list-style-type: none">• San Bernardino Line closed in the evening Wednesday, November 2nd between Fontana and Rancho Cucamonga due to a freight train derailment.• Due to an annual track maintenance project, Metrolink train service will be limited on the San Bernardino Line on November 5-6, 12-13 and 19-20.
December 2011	<ul style="list-style-type: none">• The 60 Freeway was closed in both directions due to a tanker explosion, resulting in traffic being diverted to the I-10 and public transportation.
January 2012	<p>Schedule changes went into effect January 9 to coordinate with Amtrak's schedule changes and improve reliability. San Bernardino Line – Monday thru Friday Service.</p> <ul style="list-style-type: none">• Train 319 and 331 will arrive later into Los Angeles• Train 333, 337 and 387 times have changed out of San Bernardino• Train 330, 32, 334 times have changed out of Los Angeles

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

May 2012

Silver Line Ridership

Month	Average Weekday Boardings	% Change from Jan. 2010	Average Saturday Boardings	Average Sunday Boardings	HTW Average Weekday Boardings²	HTW % Change from June 2011
Dec. 2009 ¹	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%

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

² 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 ²	HTW % Change from June 2011
Aug. 2011	9,730	47.16%	3,825	2,517	3,429	24.10%
Sep. 2011	10,414	57.50%	3,852	2,454	3,710	34.27%
Oct. 2011	11,234	69.90%	4,095	2,433	3,833	38.73%
Nov. 2011	10,648	61.04%	3,615	2,243	3,706	34.13%
Dec. 2011	9,386	41.95%	3,473	2,443	3,410	23.42%
Jan. 2012	10,601	60.32%	3,815	2,512	3,796	37.39%
Feb. 2012	11,089	67.71%	4,122	2,555	3,969	43.65%
Mar. 2012	11,157	68.73%	3,752	2,285	4,164	50.71%
Apr. 2012	11,241	70.00%	4,099	2,642	4,134	49.62%
May 2012	11,419	72.70%	4,218	2,679	4,202	52.08%

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

² 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 5th & 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%
August 11, 2011	3:30 PM	1,080	1,134	95.24%
Sept. 15, 2011	2:30 PM	1,092	1,134	96.30%
Oct. 26, 2011	2:15 PM	1,115	1,134	98.32%
Nov. 17, 2011	1:10 PM	1,121	1,134	98.85%
Dec. 15, 2011	3:30 PM	1,055	1,134	93.03%
Jan. 19, 2012	3:15 PM	1,012	1,134	89.24%
Feb. 9, 2012	3:00 PM	1,094	1,134	96.47%
March 8, 2012	12:30 PM	1,120	1,134	98.76%
April 12, 2012	12:30 PM	1,134	1,134	100%
May 22, 2012	11:00 AM	1,115	1,115	100%

*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.

Harbor Transit Center Parking Data

Date of Count	Time of Count	Count	Total Capacity	% Utilization
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%
August 11, 2011	12:30 PM	653	1,862	35.07%
Sept. 15, 2011	11:30 PM	713	1,862	38.29%
Oct. 26, 2011	11:30 AM	789	1,862	42.37%
Nov. 17, 2011	11:30 AM	719	1,862	38.61%
Dec. 15, 2011	12:15 PM	682	1,862	36.62%
Jan. 19, 2012*	11:30 AM	784	1,728	45.37%
Feb. 9, 2012	11:30 AM	830	1,728	48.03%
March 8, 2012**	11:30 AM	810	1,551	52.22%
Apr. 12, 2012	10:30 AM	760	1,551	49.00%
May 16, 2012***	2:30 PM	850	1,633	52.05%

*During the January 19, 2012, a decrease in parking capacity was observed at Rosecrans. The Capacity was recalculated and found to be reduced from 342 to 207, decreasing the Harbor Transitway total parking capacity from 1,863 to 1,728.

** During the March 8, 2012, a decrease in parking capacity was observed at Artesia Transit Center due to construction materials. The capacity decreased by 177 parking spots, leaving Artesia Transit Center with 803 spots and the Harbor Transitway Total Parking Capacity with 1,551 spots.

***On May 16, 2012 the total parking capacity for the Harbor Transitway was recounted. The capacity changed due to construction activity for the metro ExpressLanes.

El Monte Transit Center Bike Parking Data

Date of Count	Time of Count	Count	Total Capacity	% Utilization
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%
Aug. 11, 2011	3:30 PM	35	56	62.5%
Sept. 15, 2011	2:30 PM	43	56	76.79%
Oct. 26, 2011	2:15 PM	41	56	73.21%
Nov. 17, 2011	1:10 PM	42	56	75%
Dec. 15, 2011	3:30 PM	36	56	64.28%
Jan. 19, 2012	3:20 PM	42	56	75%
Feb. 9, 2012	3:15 PM	30	56	53.57%
March 8, 2012	3:00 PM	30	56	53.57%
April 12, 2012	12:30 PM	44	56	78.57%
May 22, 2012*	11:00 AM	43	44	97%

**On May 22, 2012 the bike parking capacity for the El Monte Transit Center was recounted.*

Harbor Transit Center Bike Data

Date of Count	Time of Count	Count	Total Capacity	% Utilization
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%
Aug. 11, 2011	12:45 PM	2	22	9.09%
Sept. 15, 2011	11:35 PM	2	22	9.09%
Oct. 26, 2011	11:30 AM	0	22	0%
Nov. 17, 2011	11:30 AM	0	22	0%
Dec. 15, 2011	12:30 PM	1	22	4.54%
Jan. 19, 2012	11:30 AM	3	22	13.64%
Feb. 9, 2012	11:10 AM	7	22	31.82%
March 8, 2012	11:30 AM	3	22	13.64%
April 12, 2012	10:45 AM	3	22	13.64%
May 16, 2012	3:00 PM	5	22	22.72%

Pomona Metrolink Station Parking Data

Date of Count	Time of Count	Count	Total Capacity	% Utilization
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%
August 11, 2011	1:45 PM	294	372	79.03%
Sept. 15, 2011	12:30 PM	309	372	83.06%
Oct. 26, 2011	1:40 PM	321	372	86.29%
Nov. 17, 2011	12:35 PM	315	372	84.67%
Dec. 15, 2011	1:20 PM	298	372	80.11%
Jan. 19, 2012	12:30 PM	323	372	86.82%
Feb. 9, 2012	12:30 PM	317	372	85.21%
March 8, 2012	12:45 PM	347	372	93.27%
April 12, 2012	11:45 AM	322	372	86.55%
May 22, 2012	12:00 PM	358	372	96.23%

Metrolink San Bernardino Line Ave. Weekday Inbound Ridership

Date	Boardings	% Change from Previous Month
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%
August 2011	6,069	-1.06%
September 2011	5,984	-1.04%
October 2011	5,886	-1.64%
November 2011	5,663	-3.79%
December 2011	5,660	-0.001%
January 2012	6,107	7.90%
February 2012	6,256	2.44%
March 2012	6,173	-1.33%
April 2012	6,134	-0.63%
May 2012	6,020	-1.86%

Cumulative Media Articles

Date	Article	Publication or Blog
5/31/2012	<i>Motorists to Begin Seeing First Electronic ExpressLanes Message Boards Along Harbor Freeway</i>	<i>The Source Blog</i>
5/31/2012	<i>Toll Lanes on 110 Freeway Expected to Be Ready by November</i>	<i>LA Times, L.A. Now</i>
5/25/2012	<i>Park This Way: Get ready to Pay Up to \$6 at Hour at Downtown meters</i>	<i>Los Angeles Downtown News</i>
5/22/2012	<i>Transportation Headlines, Tuesday, May 22</i>	<i>The Source Blog</i>
5/21/2012	<i>In Los Angeles Demand-Based Pricing for Curbside Parking Goes Live</i>	<i>Smart Planet</i>
5/21/2012	<i>New Parking Meter System Goes Into Effect</i>	<i>Los Angeles Downtown News</i>
5/21/2012	<i>Downtown Parking Experiment Will Use GPS and Adjustable Pricing</i>	<i>Blogdowntown.com</i>
5/21/2012	<i>LA Express Park Will Make Parking and Getting Around Downtown Los Angeles Easier</i>	<i>City of Los Angeles Department of Transportation media Release</i>
5/19/2012	<i>Parking: What if Meters Reset Based on Demand?</i>	<i>Hollywood Patch</i>
5/18/2012	<i>Downtown L.A. parking Fees to Rise, Fall with Demand</i>	<i>LA Times, L.A. Now</i>
May/June 2012	<i>Short Videos Explain ExpressLanes</i>	<i>CommuteSmart News</i>
5/1/2012	<i>How Do They Do That ? Make Roads Smarter</i>	<i>The Source Blog</i>
4/26/2012	I-10 and I-110 ExpressLanes	Rideshare Connection
4/10/2012	ExpressLanes Signs Keep Going Up	The Source Blog
3/29/2012	Video en español: ¿cuáles son los reglamentos en los carriles de cuota?	El Pasajero Blog
3/27/2012	Video en español: ¿cómo funcionarán los carriles de cuota?	El Pasajero Blog
3/26/2012	Video en español: ¡Ya era Hora! Carriles ExpressLanes	El Pasajero Blog
3/22/2012	The Future of Intelligent Parking	The Atlantic Cities
3/13/2012	Video: The Greening of LA	The Source Blog
3/8/2012	More Progress on New El Monte Station	The Source Blog
March/April 2012 Issue	Metro ExpressLanes Update	CommuteSmart News
3/6/2012	Unblocking the Box – Congestion Relief May Be Coming Soon to a City Near You	The Source Blog
3/2/2012	ExpressLanes Video: carpool Loyalty Program	The Source Blog

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3/2/2012	Work Continues on New El Monte Station	The Source Blog
3/2/2012	ExpressLanes Video: Rules of the Road and Enforcement	The Source Blog
3/1/2012	ExpressLanes Signs are Gathering!	The Source Blog
3/1/2012	Expresslanes Video: Explaining Congestion Pricing	The Source Blog

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Date	Article	Publication or Blog
2/29/2012	Access to the Car Pool Lane Can Be Yours, For a Price	The New York Times
2/29/2012	ExpressLanes Video: How it Works	The Source Blog
2/28/2012	ExpressLanes Video: It's About Time	The Source Blog
2/24/2012	110 Freeway Gets its First ExpressLanes Sign	The Source Blog
2/22/2012	Buried Car, Other Debris Delay New El Monte Bus Station	San Gabriel Valley Tribune
1/30/2012	Transportation Headlines, Monday, Jan. 30	The Source Blog
1/23/2012	40 Years Ago This Week: Groundbreaking for El Monte Busway – California's First Multi-Modal System & The World's First Bus Rapid Transit Stations	Primary Resources, Metro Dorothy Peyton Gray Transportation Library and Archive
1/9/2012	Construction Notices for ExpressLanes Project	The Source Blog
12/22/11	ExpressLanes Signs for 110 Freeway on the Way	The Source Blog
12/21/11	Five Things I'm Thinking About Transportation, Dec. 21 Edition	The Source Blog
12/14/11	Behold: Metro Expresslanes Congestion Pricing Transponder!	Curbed LA
12/14/11	Fist Look: Transponders for Metro's ExpressLanes Project	The Source Blog
12/13/11	Two Year Anniversary of the Silver Line Today	The Source Blog
Winter 2011-12	Interview with Caltrans District 7 Director Mike Miles	Metro Motion
12/6/11	Are Toll Lanes the Answer to Traffic Congestion?	The Orange County Register
12/6/11	Transportation Headlines, Tuesday, Dec. 6	The Source Blog
12/5/11	New Timelines for Wilshire Bus Lanes Project	The Source Blog
11/28/11	Wilshire BRT and El Monte Busway Improvements Coming...in 2015	LA Streetsblog
Nov/Dec 11 Issue	Take the Metro Expresslanes ETC Carpool Challenge to Win an iPad 2	CommuteSmart News
10/28/11	FTA Officially Announces Two Big Grants to Metro	The Source Blog
10/28/11	U.S. Department of Transportation Announces \$34.7 Million for Improvements to Transit in Los Angeles	U.S. Department of Transportation News Release

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Date	Article	Publication or Blog
10/27/11	ACS to Work with Los Angeles to Implement New Parking Program	ExecutiveBiz Blog
10/25/11	Bay Area Pushes for Huge ExpressLanes Expansion	The Source Blog
10/11/11	18 Active Risk Items for Metro's ExpressLanes Project	Metro – Sync Life with Public Transit Blog
10/1/11	OJO: Cierres En Autopista I-10 Por Trabajos de Proyecto Expresslanes	El Pasajero Blog
9/29/11	Transit Agencies Give Frontline Traffic Reporters A Little Love	The Source Blog
9/23/11	L.A.'s Commuter Dream	LA Times Op Ed
9/23/11	Cierres Nocturnos de Carriles en Autopista San Bernardino a Partir del Domingo 25	El Pasajero Blog
9/14/11	Solo Drivers of Low-Emission Autos Fume Over Fees to Use Carpool Lanes	La Times
9/9/11	Metro ExpressLanes Construction to Close San Bernardino Freeway I-10 Transitway carpool Lanes During late Night/Early Morning Hours Effective Sunday, Sept. 11	Metro Media Release
9/7/11	Dynamic Pricing: Flutuating Parking Meter Prices	Smart Planet
8/30/11	Lane Markings Works Beginning on 110 Freeway Park of ExpressLanes Project	The Source Blog
8/30/11	Work on Harbor (110) Freeway Lanes to Cause Some Overnight Closures	Daily Breeze
8/24/11	Interview with Donald Shoup: Los Angeles Making Strides with ExpressPark	LA Streetsblog
8/17/11	Making Parking Pay	KCET.com
8/16/11	Downtown LA Parking Meter Rate Hike Based on Demand	ABC7.com
8/15/11	Most Popular Downtown Parking Spots Could Get Very Pricey Soon	Curbed LA
8/13/11	New L.A. Parking Meter Plan Gets Ticking	LA Times
8/11/11	ExpressPark Contract Heads to Council with Questions about Technology	Blogdowntown.com
8/3/11	Toll Lanes	Daily Breeze
8/2/11	110 Freeway to Gain Toll Lanes	Redondo Beach Patch.com
8/2/11	Metro ExpressLanes Construction to Close Harbor Freeway Transitway Carpool Lanes During Late Night/Early Morning Hours Effective Sunday August 7	Metro Media Release

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Cumulative Media Articles

Date	Article	Publication or Blog
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
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

Cumulative Media Articles

Date	Article	Publication or Blog
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
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

Cumulative Media Articles

Date	Article	Publication or Blog
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 New 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 His 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.com
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
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

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Date	Article	Publication or Blog
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 Being 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
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
6/22/09	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

Cumulative Media Articles

Date	Article	Publication or Blog
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
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

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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