



November 28, 2011

To: Members of the Board of Directors
From: Will Kempton, Chief Executive Officer
Subject: Measure M2 Progress Report for July 2011 Through September 2011

A handwritten signature in black ink that reads "Will Kempton" with a long horizontal line extending to the right.

Overview

Staff has prepared a Measure M2 progress report for the period of July 2011 through September 2011 for review by the Orange County Transportation Authority Board of Directors. Implementation of Measure M2 continues at a fast pace. This report highlights progress on Measure M2 projects and programs and will be available to the public via the Orange County Transportation Authority website.

Recommendation

Receive and file as an information item.

Background

The Measure M2 (M2) transportation ordinance and investment plan, Ordinance No. 3, requires quarterly status reports regarding the major projects detailed in the ordinance be filed with the Orange County Transportation Authority (OCTA) Board of Directors (Board). All M2 progress reports are posted online for public review.

Discussion

This report reflects progress being made on Board-approved Capital Action Plan (CAP) projects and programs for the period of July 2011 through September 2011. An overview of significant progress is included (Attachment A) along with CAP project status (Attachment B).

Highlights of the M2 progress report during the third quarter include:

Freeway Projects

- Began an environmental study to add lanes to Interstate 5 (I-5) between State Route 55 (SR-55) and State Route 57 (SR-57) through the City of Santa Ana (Project A).
- Continued finalizing an environmental study for improvements along the I-5 between Avenida Pico and San Juan Creek Road, through San Clemente, Dana Point, and San Juan Capistrano. This project includes improvements to the Pico interchange (part of Projects C and D).
- Prepared final design (by the California Department of Transportation [Caltrans]) for the reconstruction of the I-5 interchange at State Route 74 in San Juan Capistrano (part of Project D).
- Initiated a project study report to examine alternatives to update and improve the I-5/El Toro Road interchange in the cities of Laguna Hills and Lake Forest (part of Project D).
- Completed the final design for the addition of a new northbound lane on the SR-57 between Katella Avenue and Lincoln Avenue in Anaheim. Caltrans advertised the project for construction bids on July 18, 2011 and opened bids on September 22, 2011 (part of Project G).
- Began construction on a new northbound lane on the SR-57 from Orangethorpe Avenue to Lambert Avenue through Brea, Fullerton, and Placentia (part of Project G).
- Initiated a project study report to look at alternatives to add capacity on State Route 91 (SR-91) between the SR-55 and SR-57 in the City of Anaheim (Project I).
- Began construction to add one new lane in each direction along the SR-91 from the SR-55 to State Route 241 (part of Project J).
- Initiated a project study report to look at alternatives to add capacity on Interstate 405 between the SR-55 and the El Toro Y area through the City of Irvine (Project L).

Streets and Roads

- Secured Board approval of changes to the Regional Capacity Program guidelines and authorized staff to issue the 2011-12 call for projects. The call was formally issued on September 28, 2011, with applications due to OCTA on December 2, 2011 (Project O).
- Secured Board approval of construction awards for the Placentia Avenue and Kraemer Boulevard grade separation projects (Part of Project O).
- Awarded \$7.8 million to synchronize over 400 signals along 140 miles of Orange County streets and roads. Seventeen projects were awarded funding that included 24 local agencies (Project P).
- Completed the first half of Phase II of the M2 Regional Traffic Signal Synchronization Program. This phase includes four corridors: Brookhurst Street (with 59 signalized intersections along 16 miles), Edinger Avenue/Irvine Center Drive/Moulton Parkway/Street of the Golden Lantern (with 81 signalized intersections along 21 miles), El Toro Road (with 39 signalized intersections along 11 miles), and Orangethorpe Avenue (with 43 signalized intersections along 19 miles) (part of Project P).
- Issued contracts to construct the Phase III corridors: Katella Avenue (58 intersections/15 miles), La Palma Avenue (58 intersections/18 miles), and Yorba Linda Boulevard (45 intersections/12 miles) (part of Project P).

Transit Programs

- Installed signal foundations and conduits, pedestrian gate foundations, sidewalk improvements, raised medians, handrails, and pedestrian swing gates in Dana Point, Irvine, Santa Ana, and San Juan Capistrano as part of the at-grade rail-highway crossing safety enhancement program (part of Project R).
- Secured Board approval to serve as a grantee, and the cities of Anaheim and Santa Ana/Garden Grove as subgrantees, to the Federal Transit Administration for the purpose of potential future federal funding opportunities for guideway projects to extend the reach of Metrolink (part of Project S).

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- Conducted meetings with interested cities and major employers, upon request, to discuss 35 Go Local/bus shuttle concepts in more detail as part of the integrated Transit System Study planning efforts (part of Project S).
 - Conducted meetings with interested cities, upon request, to discuss 25 community based/transit circulator concepts in more detail as part of the integrated Transit System Study planning efforts (Project V).

Environmental Cleanup and Water Quality

- Awarded more than \$2.8 million to 23 cities and the County of Orange to provide funding for projects that will help eliminate litter and debris from oceans and waterways. A total of 34 projects were funded.

Freeway Mitigation Program

- Received 17 applications for environmental funding consideration during the second call for projects (part of Projects A-N).
- Secured Board approval of two interim land management agreements (part of Projects A-N).

Financial Matters

Sales tax receipts for the third quarter exceeded projections used for the current year budget. Sales tax receipts from the State Board of Equalization for the period increased 6.1 percent from the same period last year, which exceeds the 5.4 percent growth rate assumed for the budget. This represents the seventh straight quarter with growth in sales tax receipts from the same period of the prior year.

Upcoming Discussions

Staff will also be bringing forward an issue to the Board regarding M2 administrative costs incurred during the start up activities related to the Early Action Plan/CAP.

Summary

As required by M2 Ordinance No. 3, a quarterly report covering activities from July 2011 through September 2011 is provided to update progress in implementing the M2 Transportation Investment Plan. To be cost effective and to facilitate accessibility and transparency of information available to stakeholders and the public, the M2 progress report is presented on the OCTA website. Hard copies are available by mail upon request.

Attachments

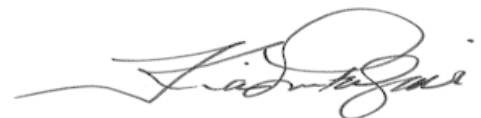
- A. Measure M2 Quarterly Project Summary – July through September 2011
- B. Capital Action Plan – Status Through September 2011

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Measure M2 Quarterly Project Summary
July through September 2011

The following is a summary of the progress made on the Measure M2 (M2) Early Action Plan projects covering the third quarter, July – September of 2011.

Freeway Projects

Project Study Reports

Dan Phu (714) 560-5907

Project Study Report Completed – the Orange County Transportation Authority (OCTA) completed a project study report looking at alternatives to add capacity on Interstate 5 (I-5) between State Route 55 (SR-55) and the El Toro Y area through the cities of Irvine and Tustin (Project B). The project study report was submitted to the California Department of Transportation (Caltrans) for their review and approval. Caltrans requested that OCTA include additional information in the document. The request is underway and the project study report will be resubmitted to Caltrans for approval. Alternatives resulting from this effort will be further refined in the next phase, which is the environmental review.

Project Study Report Underway – OCTA has initiated a project study report to look at alternatives to update and improve the I-5/El Toro Road interchange in the cities of Laguna Hills and Lake Forest (part of Project D). The study is expected to be completed in late 2012.

OCTA initiated a project study report to look at alternatives to add capacity and balance the number of lanes on State Route 91 (SR-91) between the SR-55 and State Route (57) SR-57 (Project I) in the City of Anaheim.

OCTA also initiated a project study report to look at alternatives to add capacity on Interstate 405 (I-405) between the SR-55 and the El Toro Y area through the City of Irvine (Project L). The study is expected to be complete in early 2013.

Capital Projects

Rose Casey (714) 560-5729

I-5 Projects

Environmental Study Underway – In June 2011, OCTA began preparing an environmental study to add lanes to the I-5 between the SR-55 and the SR-57 through the City of Santa Ana. The study will evaluate options to add capacity to the existing high-occupancy vehicle (HOV) lanes and improve traffic circulation within the I-5 and SR-55 interchange. The study is expected to be complete in mid-2013 (Project A).

Environmental Study Underway - OCTA is finalizing an environmental study for improvements along I-5 between Avenida Pico and San Juan Creek Road, through San Clemente, Dana Point and San Juan Capistrano. The environmental study will evaluate the impacts of extending the current HOV lanes on the I-5 from their present terminus at San Juan Creek Road to Avenida Pico in San Clemente. The project will also evaluate improvements to the interchange at I-5 and Avenida Pico. Environmental approval is expected in late 2011 (part of Projects C and D).

Final Design Underway – OCTA has initiated the final design for improvements along I-5 between Avenida Pico and San Juan Creek Road, through San Clemente, Dana Point, and San Juan Capistrano (part of Projects C and D). For final design, the project has been divided into three segments:

- Segment 1: From Avenida Pico to Avenida Vista Hermosa
- Segment 2: From Avenida Vista Hermosa to Pacific Coast Highway
- Segment 3: From Pacific Coast Highway to San Juan Creek Road

Final design is expected to be complete by mid-2014.

Final Design Underway - Caltrans is preparing the final design for the reconstruction of the I-5 interchange at State Route 74 (SR-74) in San Juan Capistrano. The project will reconstruct the SR-74 bridge over the freeway and improve local traffic flow along the SR-74 and Del Obispo Street, adjacent to the freeway. Design is expected to be complete in late 2011 (part of Project D)

Environmental Study to Begin – In October 2011, OCTA will begin preparing an environmental study for improvements along I-5 between State Route 73 (SR-73) and El Toro Road, in the cities of Lake Forest, Laguna Hills, and Mission Viejo. The study will evaluate lane additions and interchange improvements to improve the flow of traffic through this area. These improvements include reconstruction of the La Paz Road and Avery Parkway interchanges. The study is expected to be complete in mid-2014 (part of Projects C and D).

SR-55 Projects

Environmental Study Underway – OCTA began the environmental study to increase capacity on SR-55 between I-405 and I-5, in the cities of Irvine, Santa Ana, and Tustin. The study will evaluate the addition of mixed-flow lanes, carpool lanes, and auxiliary lanes. The study is expected to be complete in early 2014 (Project F, south segment).

SR-57 Projects

Final Design Complete - OCTA completed the final design for the addition of a new northbound lane on the SR-57 between Katella Avenue and Lincoln Avenue in Anaheim. Caltrans advertised the project for construction bids on July 18, 2011, and opened bids on September 22, 2011 (part of Project G).

Construction Underway - Caltrans awarded contracts to two contractors to begin construction of a new northbound lane on the SR-57 from Orangethorpe Avenue to Lambert Avenue through Brea, Fullerton, and Placentia. Construction of the improvements started in January 2011 and is expected to be complete in mid-2014 (part of Project G).

SR-91 Projects

Final Design Underway - OCTA is preparing the final design for a project on SR-91 between the I-5 and the SR-57 in Anaheim. The project will add a new westbound general purpose lane. Final design is expected to be complete in early 2012. (Project H)

Final Design Underway - Caltrans is preparing the final design to improve traffic flow at the SR-55/SR-91 interchange. Traffic flow will be improved at the westbound SR-91 exit ramp to Tustin Avenue and the westbound connector from the SR-55. Final design is expected to be complete in early 2013 (part of Project I).

Construction Started – Construction began to add one new lane in each direction along the SR-91 from the SR-55 to State Route 241 (SR-241). The new lanes will be built within existing right-of-way through Anaheim and Yorba Linda. The construction contract was awarded in May 2011. The construction first working day was August 22, 2011. Construction completion is expected in late 2012 (part of Project J).

Environmental Study Underway - OCTA is working with the Riverside County Transportation Commission (RCTC) to extend the 91 Express Lanes eastward from its current terminus in Anaheim to Interstate 15 (I-15) in Riverside County. This project will also add one general purpose lane in each direction from the SR-241 to the I-15. The environmental document is expected to be complete in mid-2012.

The portion between the SR-241 and the Orange County/Riverside County line is part of Project J, while the matching segment between the county line and State Route 71 (SR-71) is part of RCTC's Measure A. RCTC has opted to defer the construction of the general purpose lane improvements in its county. Accordingly, the matching general purpose lane improvements on the Orange County side are being deferred to ensure coordinated delivery of the projects and to provide a continuous segment that stretches from the SR-241 to the SR-71. This action is also consistent with the 2010 SR-91 Implementation Plan.

I-405 Projects

Environmental Study Underway - OCTA is preparing an environmental study to add new lanes in each direction on the I-405 between the SR-55 and Interstate 605 (I-605). These improvements will add mainline capacity and improve the local interchanges along the corridor that serves Costa Mesa, Fountain Valley, Garden Grove, Huntington Beach, Los Alamitos, Seal Beach, and Westminster. The environmental document is expected to be released for public review in early 2012 (Project K).

Streets and Roads Projects

Regional Capacity Program

Roger Lopez (714) 560-5438

On June 27, 2011, the Board of Directors (Board) approved the projects recommended for funding as part of the 2010-11 Regional Capacity Program (Project O) call for projects (call). Included with that approval was the instruction for staff to return as soon as possible with guideline changes and funding estimates to hold the next annual call.

Staff worked with the Technical Advisory Committee to make modifications to the program guidelines. On September 26, 2011, the Board approved the changes to the guidelines and authorized staff to issue the 2011-12 call. The call was formally issued on September 28, 2011, with applications due to OCTA on December 2, 2011.

Signal Synchronization

Ron Keith (714) 560-5990

As part of the M2 Regional Traffic Signal Synchronization Program (Project P), OCTA awarded \$7.8 million to synchronize over 400 signals along 140 miles of Orange County streets and roads. Seventeen projects were awarded funding that included 24 local agencies. The goal of the program is to improve traffic flow by developing and implementing regional signal coordination through more than 2,000 intersections. These projects began in July 2011 and are in various stages of preliminary development from 'cooperative agreement' to 'street ready request for proposals'. New coordinated timings are scheduled to be implemented over the next two years and all the projects include improvements to signal equipment infrastructure.

In preparation for Project P, OCTA also advanced signal synchronization efforts along ten arterial corridors comprised of 533 signalized intersections on 158 miles of roadway. This effort is intended to jump-start the M2 signal synchronization and is funded with \$8 million of Measure M and Proposition 1B grants. Phase I synchronization along the Alicia Parkway, Beach Boulevard, and Chapman Avenue corridors, respectively, is complete. Results from these projects were compiled and presented to the Board in October 2010.

OCTA has completed half of Phase II of the program. This phase includes the following four corridors: Brookhurst Street (with 59 signalized intersections along 16 miles), Edinger Avenue/Irvine Center Drive/Moulton Parkway/Street of the Golden Lantern (with 81 signalized intersections along 21 miles), El Toro Road (with 39 signalized intersections along 11 miles), and Orangethorpe Avenue (with 43 signalized intersections along 19 miles). The Orangethorpe Corridor is complete with the Edinger Avenue/Irvine Center Drive, Moulton Parkway/Street of the Golden Lantern Corridor just entering the final completion phases as of September 2011. Results from these projects will be presented to the Board in fall 2011. The Brookhurst Street and El Toro Road Corridors have completed the analysis phase and the new timing has been developed. The infrastructure improvements are being installed and final completion of these two projects is expected in December 2011.

Contracts have been issued to construct the Phase III corridors. The corridors included in this final phase are: Katella Avenue (58 intersections/15 miles), La Palma Avenue (58 intersections/18 miles), and Yorba Linda Boulevard (45 intersections/12 miles). The projects are scheduled to be completed by fall 2012.

In June 2011, OCTA implemented traffic signal synchronization along Bristol Street/State College Boulevard, Harbor Boulevard, and Westminster Avenue/17th Street. This project, comprised of the three corridors, was a required transportation control measure (TCM) substitution for the former bus rapid transit TCM project in order to comply with the Southern California Association of Governments TCM requirements. The three corridors are comprised of 252 signalized intersections and 46 miles of roadway in 11 jurisdictions. The project budget is \$1.8 million and is funded by federal transit and air quality revenues. This project has been completed for the timing phase and is currently in the installation phase for control and communications equipment. This project is scheduled to be fully completed by spring 2012.

Grade Separation Projects

Tresa Oliveri (714) 560-5374

Construction awards for grade separation projects (Project O) at Placentia Avenue and Kraemer Boulevard were approved by the Board during the third quarter. The Placentia Avenue construction bid was awarded to Flatiron West, Inc., at \$23.8 million, approximately 30 percent below the project's estimate. The Kraemer Boulevard project was awarded to Atkinson Construction at \$32.6 million, approximately nine percent below the engineer's estimate. Design work was completed for the Tustin Avenue/Rose Drive project. OCTA awarded construction management services for the Tustin Avenue/Rose Drive and the Orangethorpe Avenue projects. Utility relocations continued in preparation for the construction activities, which are expected to begin in the fourth quarter.

Third quarter outreach activities included presentations to the Fullerton Rotary Club, Yorba Linda City Council, Brea Chamber of Commerce breakfast, Anaheim City Council, and Placentia City Council. On September 22, an Open House was held at the Backs Community Center in Placentia. More than 65 residents and business owners attended the meeting to meet with technical staff and view project simulations. The event received high marks from the participants who returned surveys. The project video simulations have been added to the website along with a toll-free phone number, 1-877-OCTA-999, that makes it easy to get updated project information or to request additional information.

Metrolink Projects

Grade Crossing Improvements

Mary Toutouchi (714) 560-5833

Orange County's at-grade rail-highway crossing (railroad crossing) safety enhancement program (Project R) began in August 2009 and is continuing to make progress. The enhancements being made to railroad crossings cover a wide spectrum from basic safety improvements (improving crossing surfaces, reapplying pavement markings, and enhancing signage) to the installation of supplemental safety measures that allow for

quiet zones (a quiet zone is an area along the tracks where trains are not required to sound their horns).

Santa Ana (Group 4) crossings on the Orange subdivision went into service at the end of September. Anaheim (Group 3) crossings on the Orange subdivision went into service at the end of May. In January, the crossings along the Olive subdivision in the cities of Orange and Anaheim (Group 2) went into service, followed by the Red Hill Avenue crossing in the City of Tustin (Group 4A) at the end of February. The first nine crossings in Orange (Group 1) were activated in October 2010.

Construction is nearing completion in Dana Point, Irvine, San Clemente, and San Juan Capistrano. Civil construction improvements are substantially complete with only minor punch work items being completed by civil construction crews during the week. Signal crews are continuing to work nights and weekends installing and cutting over pedestrian signal gates at the crossings and synchronizing traffic signals with railroad signals. Construction for all 50 railroad crossings in the eight participating cities is anticipated to be complete by the end of 2011. OCTA staff and the Southern California Regional Rail Authority (Metrolink) construction teams continue to meet weekly with partner cities to coordinate construction activities and to ensure that any issues are being resolved.

Once construction is complete and the new crossings are activated, cities have the option to establish a quiet zone through the Federal Railroad Administration (FRA). Many of the cities have already completed the first step of this process by submitting a notice of intent to implement a quiet zone to the FRA, California Public Utilities Commission, and appropriate railroad agencies. The cities of Anaheim, Orange, and Tustin, upon completion of the crossings identified in Groups 1, 2, 3 and 4A, submitted "notices of establishment" as required by the FRA. The crossings associated Groups 1, 2, and 4A are now designated quiet zones. With the exception of the 2 most southerly crossings, Group 3 crossings are also designated quiet zones.

A comprehensive public outreach program is continuing to notify communities of construction impacts such as road detours, nighttime work, and dust impacts throughout the program. The goal is to inform and engage the public throughout the development of construction, raise awareness of increased train service, and partner with participating cities to create a quiet zone outreach program. Email and toll-free hotline calls continue to be received and responses given.

Go Local

Go Local Fixed-Guideway
Kelly Hart (714) 560-5725

Project development continued with the two Board-approved Go Local fixed-guideway projects (part of Project S), one from Anaheim and the other from Santa Ana and Garden Grove. Both teams are currently working on Step Two efforts to complete detailed planning, including alternatives analysis (AA) and environmental clearance activities. Consistent with the state and federal AA and environmental clearance practices, Anaheim continued to develop the technical studies and reports for the

Anaheim Rapid Connection (ARC) project. Several key project deliverables were completed and submitted to the Federal Transit Administration (FTA) for review, including a New Starts schedule, results from the ridership analysis, and a revised mobility problem definition report. The project alternatives continue to be refined to ensure the most cost effective option that meets the needs of the corridor is being studied. The City of Anaheim also presented an update on the ARC project to the OCTA Board in September.

The project team from Santa Ana and Garden Grove completed multiple deliverables during the reporting period, including a Small Starts schedule, Definition of Alternatives, Screening of Alternatives, and the project's environmental analysis strategy. Preliminary conceptual engineering drawings and multiple technical reports were also completed during the reporting period. The cities of Santa Ana and Garden Grove also made a presentation to the OCTA Board in September on the status of fixed-guideway project.

OCTA staff continued its ongoing participation, review, and comment on development activities and deliverables related to both fixed-guideway projects. In addition, OCTA staff hosted staff from the FTA in September to brief them on both Anaheim and Santa Ana/Garden Grove projects, and to provide an opportunity to tour both corridors. The presentations and tours were well received by FTA.

The OCTA Board also approved serving as a grantee and the cities of Anaheim and Santa Ana/Garden Grove as subgrantees to the FTA for the purpose of potential future federal funding opportunities. Staff will be returning to the Board in the next quarter with cooperative agreements to further define these roles and responsibilities.

Go Local Bus/Shuttle

Charlie Larwood (714) 560-5683

OCTA conducted meetings with interested cities and major employers upon request to discuss the 35 Go Local/bus shuttle concepts (part of Project S) in more detail as part of the integrated Transit System Study planning efforts.

A presentation was made in August to the City of San Juan Capistrano city council upon request regarding a progress update for the tri-city trolley concept and the Transit System Study.

Draft funding guidelines related to future calls for projects have been developed.

A status update based on service planning results was provided to the OCTA Executive Committee and Transportation 2020 Committee in August.

Community Based Transit/Circulators (Project V)

Charlie Larwood (714) 560-5683

OCTA conducted meetings with interested cities upon request to discuss the 25 community based/transit circulator concepts in more detail as part of the integrated Transit System Study planning efforts.

A status update based on service planning results was provided to the OCTA Executive Committee and Transportation 2020 Committee during August.

Environmental Committees

Marissa Espino (714) 560-5607

Both the Environmental Cleanup Allocation/Water Quality Committee (Allocation Committee) and the Environmental Oversight Committee (EOC) began meeting on a monthly basis in January 2008. On September 27, 2010, the Board approved the reappointment of the members from both committees for another three-year term.

Environmental Cleanup

Dan Phu (714) 560-5907

The M2 Allocation Committee is designed to make recommendations to the Board on the allocation of funds for environmental cleanup and water quality improvements (Project X). These funds will be allocated on a countywide competitive basis to assist jurisdictions in meeting the Clean Water Act standards for controlling transportation-generated pollution.

In August 2011, OCTA officials awarded more than \$2.8 million to 23 cities and the County of Orange to provide funding for projects that will help eliminate litter and debris from oceans and waterways. A total of 34 projects were funded. Examples of projects include providing catch basins to prevent trash from entering drainage systems, storm drain screens that capture smaller debris, and irrigation system improvements to decrease runoff from streets. Another call for projects will be opened in early 2012.

A countywide assessment is currently underway to determine the best candidate sites for funding regional, capital projects like bioswales, constructed wetlands, and detention/infiltration basins. This assessment is anticipated to be completed by early 2012. The first call for projects is anticipated shortly thereafter.

Freeway Mitigation Program

Dan Phu (714) 560-5907

The purpose of the M2 Freeway Mitigation Program's EOC is to make recommendations to the Board on the allocation of environmental freeway mitigation funds and to monitor the implementation of a master agreement between OCTA and state and federal resource agencies. (Part of Projects A – M) The master agreement, which was approved

by the OCTA Board in January 2010, will provide higher-value environmental benefits such as habitat protection, wildlife corridors, and resource preservation in exchange for streamlined project approvals and greater certainty in the delivery of the 13 M2 freeway projects.

Restoration Update

A total of 17 restoration projects were submitted for funding consideration during the second call for restoration projects that closed on August 30. OCTA is seeking interested parties who have habitat restoration projects that will restore preserved open space lands to their native habitat. These projects will involve the removal of invasive plant species, which may include plants, weeds, and trees that are not native to the area and can threaten wildlife as well as their habitat. A total of \$5 million has been designated for this round of funding.

In September, OCTA staff began evaluating the submissions with Caltrans, the U.S. Fish and Wildlife Service, the California Department of Fish and Game, and the Army Corps of Engineers. Once the EOC endorses the funding recommendations, OCTA staff will seek approval from the Executive Committee and finally the Board in late fall.

Acquisition Update

The Board approved two interim land management agreements with the Transportation Corridor Agencies for Saddle Creek South and State Parks for the Hayashi property.

The Board allocated a total of \$42 million to purchase open space in Orange County for the first round of funding. To date, 900 acres have been purchased. Approximately \$9 million remains and is expected to be allocated within the next several months.

Financing

Sean Murdock (714) 560-5685

Sales tax receipts for the third quarter exceeded projections used for the current year budget. Sales tax receipts from the State Board of Equalization for the period increased 6.1 percent from the same period last year, which exceeds the 5.4 percent growth rate assumed for the budget. This represents the seventh straight quarter with growth in sales tax receipts from the same period of the prior year.



ORANGE COUNTY TRANSPORTATION AUTHORITY

**Measure M2 Progress Report for July 2011 Through
September 2011**

Attachment B

Capital Action Plan
 Status Through September 2011
 Updated: October 24, 2011

Capital Projects	Cost		Schedule															
	Budget/Forecast		Plan/Forecast															
	(millions)		Begin Environmental	FY 12	Complete Environmental	FY 12	Begin Design	FY 12	Complete Design	FY 12	FY Construction Ready	FY 12	Advertise Construction	FY 12	Award Contract	FY 12	Complete Construction	FY 12
Freeway Projects:																		
I-5, Pico to Vista Hermosa Project C	\$114.5		Jun-09		Dec-11	Q2	Jun-11		Jun-14		Dec-14		Feb-15		May-15		Jun-18	
I-5, Vista Hermosa to Pacific Coast Highway Project C	\$114.5		Jun-09		Oct-11		Jun-11		Oct-13		Feb-14		Apr-14		Jul-14		Jul-16	
I-5, Pacific Coast Highway to San Juan Creek Road Project C	\$84.2		Jun-09		Dec-11	Q2	Jun-11		Jun-14		Dec-14		Feb-15		May-15		Jun-18	
I-5, Pacific Coast Highway to San Juan Creek Road Project C	\$84.2		Jun-09		Oct-11		Jun-11		Feb-13		Jun-13		Aug-13		Oct-13		Aug-15	
I-5, I-5/Ortega Interchange Project D	\$71.7		Jun-09		Dec-11	Q2	Jun-11		Jun-14		Dec-14		Feb-15		May-15		Jun-18	
I-5, I-5/Ortega Interchange Project D	\$71.7		Jun-09		Oct-11		Jun-11		Jan-13		Jun-13		Jul-13		Oct-13		Jul-15	
I-5, Avenida Vaquero Soundwall Project D	\$90.9		Sep-05		Jun-09		Jan-09		Nov-11		Mar-12	Q3	Jun-12	Q4	Aug-12		Nov-14	
I-5, Avenida Vaquero Soundwall Project D	\$90.9		Sep-05		Jun-09		Jan-09		Dec-11		Jun-12		Jul-12		Oct-12		Jan-15	
I-5, Camino Real Soundwall Project D	\$3.0		N/A		N/A		Feb-08		Jan-09		Mar-09		Aug-10		Nov-10		Oct-11	Q2
I-5, Camino Real Soundwall Project D	\$2.5		N/A		N/A		Feb-08		Mar-09		Apr-09		Aug-10		Nov-10		Aug-11	Q1
I-5, Camino Real Soundwall Project D	\$5.3		N/A		N/A		Jan-08		Jan-09		Mar-09		Aug-10		Dec-10		Feb-12	Q3
I-5, Camino Real Soundwall Project D	\$4.9		N/A		N/A		Jan-08		Jan-09		Apr-09		Aug-10		Dec-10		Feb-12	
I-5, SR-73 to El Toro Road Project C & D	TBD		Sep-11	Q1	Jun-14		TBD		TBD		TBD		TBD		TBD		TBD	
I-5, SR-73 to El Toro Road Project C & D	\$558.7		Oct-11		Jun-14		Jun-14		Jul-17		Jan-18		Mar-18		Jun-18		Jun-22	
I-5, SR-55 to SR-57 Project A	TBD		Jul-11		Jun-13		TBD		TBD		TBD		TBD		TBD		TBD	
I-5, SR-55 to SR-57 Project A	\$46.4		Jun-11		Jun-13		Jul-13		Mar-15		Jul-15		Aug-15		Nov-15		Nov-17	
I-5, SR-91 to Los Angeles (LA) County Line Project A	\$334.1		N/A		Dec-99		Sep-99		Jun-04		Dec-04		Jan-05		Apr-05		Mar-11	
I-5, SR-91 to Los Angeles (LA) County Line Project A	\$326.5		N/A		Dec-99		Sep-99		Jul-05		Aug-05		Sep-05		Apr-06		Jan-11	
I-5, SR-91 to LA County Line (Landscape) Project A	\$1.7		N/A		N/A		Jan-08		Jul-10		Sep-10		Nov-10		Feb-11		Apr-12	Q4
I-5, SR-91 to LA County Line (Landscape) Project A	\$1.7		N/A		N/A		Jan-08		Jul-10		Sep-10		Nov-10		Feb-11		Apr-12	
I-5, Continuous HOV Lane Access Project A	TBD		Jul-11	Q1	Mar-12	Q3	Feb-12		Jan-13		Apr-13		May-13		Aug-13		Dec-13	
I-5, Continuous HOV Lane Access Project A	\$7.7		Aug-11	Q1	Apr-12		Apr-12		Jan-13		Apr-13		May-13		Aug-13		Dec-13	
SR-22, Additional Soundwalls Project G	\$4.0		N/A		N/A		Mar-08		Jan-09		Mar-09		Apr-09		Jun-09		Mar-11	
SR-22, Additional Soundwalls Project G	\$3.2		N/A		N/A		Mar-08		Jun-09		Nov-09		Dec-09		Apr-10		Mar-11	
SR-55, HOV Access Project F	\$1.5		May-10		Aug-10		May-10		Oct-10		Dec-10		Dec-10		Feb-11		Jun-11	
SR-55, HOV Access Project F	\$1.1		May-10		Oct-10		May-10		Oct-10		Dec-10		Dec-10		Feb-11		May-11	
SR-55, I-405 to I-5 Project F	TBD		Feb-11		Nov-13		TBD		TBD		TBD		TBD		TBD		TBD	
SR-55, I-405 to I-5 Project F	\$274.9		May-11		Jan-14		Feb-14		Dec-16		Jun-17		Aug-17		Oct-17		Oct-20	
SR-57 Northbound (NB), Katella to Lincoln Project G	\$78.7		Apr-08		Jul-09		Jul-08		Nov-10		Mar-11		May-11		Aug-11	Q1	Mar-15	
SR-57 Northbound (NB), Katella to Lincoln Project G	\$37.8		Apr-08		Nov-09		Aug-08		Dec-10		Apr-11		Jul-11		Oct-11	Q1	Jul-14	
SR-57 (NB), Orangethorpe to Yorba Linda Project G	\$80.2		Aug-05		Dec-07		Feb-08		Dec-09		Apr-10		Jun-10		Oct-10		Mar-14	
SR-57 (NB), Orangethorpe to Yorba Linda Project G	\$57.5		Aug-05		Dec-07		Feb-08		Dec-07		Dec-09		May-10		Oct-10		Mar-14	
SR-57 (NB), Yorba Linda to Lambert Project G	\$78.3		Aug-05		Dec-07		Feb-08		Dec-07		Apr-10		Jun-10		Oct-10		Mar-14	
SR-57 (NB), Yorba Linda to Lambert Project G	\$56.5		Aug-05		Dec-07		Feb-08		Dec-07		Apr-10		Jun-10		Oct-10		Mar-14	
SR-91 Westbound (WB), I-5 to SR-57 Project H	\$78.1		Jul-07		Apr-10	Q3	Oct-09		Feb-12		Jul-12		Aug-12		Nov-12		Nov-15	
SR-91 Westbound (WB), I-5 to SR-57 Project H	\$78.0		Jul-07		Jun-10		Mar-10		Apr-12		Jul-12		Sep-12		Nov-12		Nov-15	
SR-91 (WB), Tustin Interchange to SR-55 Project I	\$49.9		Jul-08		Jul-11		Jul-11		Mar-13		Jul-13		Aug-13		Oct-13		May-15	
SR-91 (WB), Tustin Interchange to SR-55 Project I	\$49.9		Jul-08		May-11		Jun-11		Mar-13		Jul-13		Aug-13		Oct-13		May-15	

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Capital Projects	Cost		Schedule															
	Budget/Forecast	(millions)	Begin Environmental	FY 12	Complete Environmental	FY 12	Begin Design	FY 12	Complete Design	FY 12	FY Construction Ready	FY 12	Advertise Construction	FY 12	Award Contract	FY 12	Complete Construction	FY 12
SR-91, SR-55 to SR-241 Project J		\$128.4	Jul-07		Jul-09		Jun-09		Jan-11		Apr-11		Jun-11		Sep-11		Dec-12	
SR-91 Eastbound, SR-241 to SR-71 Project J		\$80.9	Jul-07		Apr-09		Apr-09		Aug-10		Dec-10		Feb-11		May-11		Dec-12	
I-405, Continuous HOV Lane Access		\$104.5	Mar-05		Dec-07		Jul-07		Dec-08		Mar-09		May-09		Jul-09		Nov-10	
I-405, SR-55 to I-605 Project K		\$60.2	Mar-05		Dec-07		Jul-07		Dec-08		May-09		Jun-09		Aug-09		Jan-11	
I-405/SR-22 HOV Connector		TBD	Jul-11	Q1	Apr-12	Q4	Mar-12	Q3	Jan-13		Apr-13		May-13		Aug-13		Nov-13	
I-405/I-605 HOV Connector		\$3.5	Aug-11	Q1	Mar-12		Mar-12		Jan-13		Apr-13		May-13		Aug-13		Nov-13	
Grade Separation Projects:		TBD	Mar-09		Mar-13		TBD		TBD		TBD		TBD		TBD		TBD	
Sand Canyon Grade Separation Project R		\$1,789.4	Mar-09		Mar-13		Apr-13		Mar-16		Sep-16		Nov-16		Mar-17		Mar-22	
Raymond Grade Separation Project O		\$195.9	N/A		N/A		Sep-07		Sep-09		Mar-10		May-10		Aug-10		Aug-14	
State College Grade Separation Project O		\$120.9	N/A		N/A		Sep-07		Jun-09		Sep-09		Feb-10		Jun-10		Aug-14	
Placentia Grade Separation Project O		\$260.4	N/A		N/A		Sep-07		Sep-09		Mar-10		May-10		Oct-10		Jan-15	
Kraemer Grade Separation Project O		\$169.6	N/A		N/A		Sep-07		Sep-09		Feb-10		May-10		Oct-10		Jan-15	
Orangethorpe Grade Separation Project O		\$55.6	N/A		Sep-03		Jan-04		Jul-10		Jul-10		Oct-10		Feb-11		May-14	
Tustin/Rose Grade Separation Project O		\$55.2	N/A		Sep-03		Jan-04		Jul-10		Jul-10		Oct-10		Feb-11		May-14	
Lakeview Grade Separation Project O		\$77.2	Feb-09		Nov-09		Mar-10		Aug-12		Nov-12		Feb-13		May-13		Mar-16	
San Juan Grade Separation Project O		\$78.2	Feb-09		Nov-09		Mar-10		May-12		Nov-12		Feb-13		May-13		Mar-16	
San Juan Grade Separation Project O		\$73.6	Dec-08		Jan-11		Jul-06		Aug-12		Nov-12		Feb-13		May-13		Mar-16	
San Juan Grade Separation Project O		\$74.6	Dec-08		Apr-11		Jul-06		Mar-12		Nov-12		Feb-13		May-13		Mar-16	
San Juan Grade Separation Project O		\$78.2	Jan-01		May-01		Jan-09		Mar-10		May-10		Mar-11		Jun-11	Q1	Jul-14	
San Juan Grade Separation Project O		\$69.2	Jan-01		May-01		Jan-09		Jun-10		Jan-11		Mar-11		Jul-11	Q1	Oct-14	
San Juan Grade Separation Project O		\$70.4	Jan-01		Sep-09		Jan-09		Jul-10		Jul-10		Apr-11		Aug-11	Q1	May-14	
San Juan Grade Separation Project O		\$65.5	Jan-01		Sep-09		Feb-09		Jul-10		Jan-11		Jun-11		Sep-11	Q1	Sep-14	
San Juan Grade Separation Project O		\$117.4	Jan-01		Sep-09		Feb-09		Dec-11		Dec-11		Feb-12		May-12	Q4	Mar-15	
San Juan Grade Separation Project O		\$109.6	Jan-01		Sep-09		Feb-09		Oct-11		Apr-12		Jun-12		Sep-12	Q4	Jul-15	
San Juan Grade Separation Project O		\$103.0	Jan-01		Sep-09		Feb-09		Dec-11		Apr-12		Jun-12		Sep-12	Q4	Jul-15	
San Juan Grade Separation Project O		\$88.0	Jan-01		Sep-09		Feb-09		Dec-11		Apr-12		Jun-12		Sep-12	Q4	Jul-15	
San Juan Grade Separation Project O		\$70.2	Jan-01		Sep-09		Feb-09		Dec-11		Apr-12		Jun-12		Sep-12	Q4	Jul-15	
San Juan Grade Separation Project O		\$79.0	Jan-01		Sep-09		Feb-09		Dec-11		Apr-12		Jun-12		Sep-12	Q4	Jul-15	
Rail and Station Projects:																		
Rail-Highway Grade Crossing Safety Enhancement Project R		\$94.4	Jan-08		Oct-08		Jan-08		Sep-08		Sep-08		Sep-08		Aug-09		Dec-11	Q2
Metrolink Service Expansion Program		\$94.4	Jan-08		Oct-08		Jan-08		Sep-08		Sep-08		Sep-08		Aug-09		Dec-11	Q2
Anaheim Rapid Connection Project S		\$134.0	May-07		Apr-08		Jul-07		Mar-09		Mar-09		Sep-08		Mar-09		Jun-12	Q4
Santa Ana/Garden Grove Fixed Guideway Project S		\$134.0	May-07		Apr-08		Jul-07		Mar-09		Mar-09		Sep-08		Mar-09		Jun-12	Q4
		TBD	Jan-09		Oct-14		Apr-13		Apr-14		Dec-14		TBD		TBD		TBD	
		\$676.0	Jan-09		Nov-14		Jun-13		May-14		May-15		Apr-14		May-15		Aug-18	
		TBD	Aug-09		Mar-12		TBD		TBD		TBD		TBD		TBD		TBD	
		\$252.0	Aug-09		Mar-12		Sep-12		Oct-14		Jan-15		Jan-15		Apr-15		May-17	

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Capital Projects	Cost		Schedule															
	Budget/Forecast		Plan/Forecast						Construction									
	(millions)		Begin Environmental	FY 12	Complete Environmental	FY 12	Begin Design	FY 12	Complete Design	FY 12	Construction Ready	FY 12	Advise Construction	FY 12	Award Contract	FY 12	Complete Construction	FY 12
Placentia Metrolink Station & Parking Structure	TBD		Jan-03		May-07		Oct-08		Aug-12		Aug-12		Aug-12		Nov-12		Jan-15	
Orange Station Parking Expansion	TBD		Jan-03		May-07		Oct-08		Aug-12		Aug-12		Aug-12		Nov-12		Jan-15	
Tustin Station Parking Expansion	\$23.7		Dec-09	Q4	May-12		Sep-10		Jul-12		Jul-12		Jun-13		Aug-13		Dec-16	
Fullerton Station Parking Expansion	\$17.6		Dec-09		Dec-12		Nov-10		Apr-13		Apr-13		Apr-13		Jul-13		Nov-14	
Anaheim Regional Transportation Intermodal Center	\$17.4		Apr-07		Nov-07		Apr-09		Mar-10		Mar-10		Apr-10		Aug-10		Sep-11	Q1
Project R & T	\$42.0		Apr-07		Nov-07		Apr-09		May-10		May-10		Jun-10		Aug-10		Sep-11	Q1
LOSSAN Fiber Optic Communications	\$32.9		Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10		Apr-12	Q4
Tustin Station Video Surveillance System (VSS) (Design-Furnish-Install)	\$227.4		Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10		Apr-12	Q4
Santa Ana Station VSS (Design-Furnish-Install)	\$227.4		Apr-09	Q1	Feb-11		Jun-09		Feb-12	Q3	Dec-11	Q2	May-11 (1)		Jul-11	Q1	Apr-15	
Fullerton Station VSS (Design-Furnish-Install)	\$24.6		Apr-09		Dec-11		Jun-09		Jun-12		Aug-12		Aug-12		Nov-12		Jan-15	
	\$24.6		N/A		N/A		Oct-07		Mar-10		Mar-10		Apr-10		Dec-10		Aug-12	
	\$0.8		N/A		N/A		Oct-07		Sep-10		Sep-10		Oct-10		Dec-10		Sep-12	
	\$0.8		N/A		N/A		Oct-07		Jun-11		Jun-11		N/A		N/A		Oct-11	Q2
	\$0.8		N/A		N/A		Apr-11		Jun-11		Jun-11		N/A		N/A		Dec-11	
	\$0.8		N/A		N/A		Jan-11		Feb-11		Feb-11		N/A		N/A		Sep-11	Q1
	\$0.8		N/A		N/A		Jan-11		Feb-11		Apr-11		N/A		N/A		Nov-11	
	\$0.8		N/A		N/A		Apr-11		Aug-11	Q1	Aug-11	Q1	N/A		N/A		Jun-12	Q4
	\$0.8		N/A		N/A		Jun-11		Aug-11	Q1	Aug-11	Q1	N/A		N/A		Jun-12	Q4

Notes: (1) Planned start of terminal shell and structure package

- Grey = Milestone achieved
- Green = Forecast milestone meets or exceeds plan
- Yellow = Forecast milestone is one to three months later than plan
- Red = Forecast milestone is over three months later than plan

Begin Environmental: The date work on the environmental clearance, project report, or preliminary engineering phase begins.
Complete Environmental: The date environmental clearance and project approval is achieved.
Begin Design: The date final design work begins, or the date when a design-build contract begins.
Complete Design: The date final design work is 100 percent complete and approved.
Construction Ready: The date contract bid documents are ready for advertisement, including certification of right-of-way, all agreements executed, contract constraints are cleared.
Advise for Construction: The date a construction contract is both funded and advertised for bids.
Award Contract: The date the construction contract is awarded.
Construction Complete: The date all construction work is completed and the project is open to public use.

- Acronyms**
- I-5 - Santa Ana Freeway (Interstate 5)
 - SR-73 - San Joaquin Freeway (State Route 73)
 - SR-55 - Costa Mesa Freeway (State Route 55)
 - SR-57 - Orange Freeway (State Route 57)
 - SR-91 - Riverside Freeway (State Route 91)
 - SR-22 - Garden Grove Freeway (State Route 22)
 - I-405 - San Diego Freeway (Interstate 405)
 - SR-241 - Foothill/Eastern Transportation Corridor (State Route 241)
 - I-605 - San Gabriel River Freeway (Interstate 605)
 - LOSSAN - Los Angeles - San Diego - San Luis Obispo