



August 22, 2011

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

Overview

Staff has prepared the Measure M2 progress report for the period of April 2011 through June 2011 for review by the Orange County Transportation Authority Board of Directors. Implementation of Measure M2 continues at a rapid pace, and revenue projections have made a positive turn. 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) 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 April 2011 through June 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 second quarter include:

Freeways

- Added the M2 project for an additional carpool lane on Interstate 5 (I-5) from State Route 55 (SR-55) to State Route 57 (SR-57) to the CAP, and established the environmental approval schedule for the project. The scope of the improvements also includes operational improvements for the southbound I-5 transition to the SR-55 (Project A).
- Submitted the completed I-5 project study report/project development support document to the California Department of Transportation (Caltrans) for final review and approval. The document identifies the viable alternatives to add capacity to I-5 between the El Toro Y area and the SR-55 (Project B).
- Added the M2 project to widen the I-5 from State Route 73 (SR-73) to El Toro Road to the CAP. In addition, the environmental approval schedule for these improvements was established (Project C and part of Project D).
- Began design work on the M2 project to add a carpool lane on the I-5 between Avenida Pico and Pacific Coast Highway. This project will include major improvements to the Avenida Pico interchange (Project C and part of Project D).
- Completed the I-5/Avery Parkway engineering feasibility study (Project D). The study identified improvements to the Avery interchange. The results of this study have been incorporated into the I-5 project between SR-73 and El Toro Road.
- Initiated environmental work on the M2 project to widen the SR-55 from Interstate 405 to the I-5 (part of Project F).
- Completed the design package for the M2 SR-57 northbound widening project between Katella Avenue and Lincoln Avenue. The project is ready to be advertised for construction bids (part of Project G).
- Completed the environmental clearance phase and began the design work for the M2 State Route 91 (SR-91) westbound widening project between the SR-55 and Tustin Avenue (part of Project I).

- Caltrans awarded the construction contract for the M2 SR-91 widening project from the SR-55 to State Route 241 (part of Project J).

Streets and Roads

- Secured Board approval for Regional Capacity Program (Project O) projects with \$56 million of funding.
- Completed the federal environmental clearance process for the M2 State College Boulevard railroad grade separation project (part of Project O).
- Opened construction bids for the M2 Placentia Avenue railroad grade separation project. The bids were 31 percent below engineer's estimate resulting in savings to M2 (part of Project O).
- Advertised the M2 Kraemer Avenue railroad grade separation project for construction bids (part of Project O).
- Obtained Board action for \$7.8 million of funding for the M2 signal synchronization projects. (Project P). The funding will synchronize over 400 traffic signals along 140 miles of arterials.
- Advanced the implementation of signal synchronization on four corridors: Brookhurst Street, Edinger Avenue/Irvine Center Drive/Moulton Parkway/Street of the Golden Lantern, El Toro Road, and Orangethorpe Avenue. In addition, preliminary signal timing work has been initiated for three other corridors: Katella Avenue, La Palma Avenue, and Yorba Linda Boulevard. These seven projects, combined with three previously completed projects, are funded with Measure M and Proposition 1B grants and help implement the objectives of M2 Regional Traffic Signal Synchronization Program (part of Project P).

Transit Programs

- Provided updates to the Transportation 2020 Committee on the Go Local fixed-guideway projects (Project S) from the public works directors of the City of Anaheim and the partnered cities of Santa Ana and Garden Grove.
- Issued the notice to proceed to the construction contractor for the M2 Sand Canyon Avenue railroad grade separation project (part of Project R).

- Advanced the Metrolink service expansion capital projects. A number of grade crossing safety improvements were completed and additional Metrolink service began operation in July 2011 (part of Project R).
- Completed Phase Two of the service planning work for all 60 service concepts under the Go Local Bus/Shuttle programs (Projects S and V). Results are being integrated into the Transit System Study.

Environmental Cleanup and Water Quality

- Concluded the M2 Environmental Cleanup Allocation Program - Tier 1 Grant Program 2011 Call for Projects process on April 18 with a total of 42 applications received (Project X). In June, the Allocation Committee recommended funding 34 projects totaling \$2,861,786.

Freeway Mitigation Program

- Acquired nearly 900 acres of open space as part of the M2 Freeway Mitigation Program (Projects A - N). OCTA is preparing interim property management agreements and working to complete the master environmental impact report for the program by the end of 2012.
- Began process to request and accept grant applications for the second round of restoration funding. The call for projects is currently underway.

Financial Outlook

Sales tax figures for the second quarter came in significantly higher than the projections used for the current year budget. Advances from the State Board of Equalization for the period increased ten percent from the same period last year, which is significantly higher than the 1.1 percent growth rate assumed for the budget. This represents the sixth straight quarter with growth in advances from the same period of the prior year. The 30-year M2 forecast is estimated to be \$15.4 million. This represents an increase over last quarter's estimate, but still lower than the initial estimate developed in 2005.

Public Outreach

Measure M webpages are being enhanced with a new look and improved navigation to make it easier for users to find important project information. Launching August 31, the updated webpages will promote government transparency and accountability through performance dashboards, detailed project timelines, and interactive maps. Expect these improvements and many more starting in the third quarter of 2011.

Summary

As required by M2 Ordinance No. 3, a quarterly report covering activities from April 2011 through June 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 will be posted on the OCTA website. Hard copies are available by mail upon request.

Attachments

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

Prepared by:



Robert Nathan
Senior Public Information Specialist
(714) 560-5327

Approved by:



Kia Mortazavi
Executive Director, Planning
(714) 560-5741

**Measure M2 Quarterly Project Summary
*April through June 2011***

The following is a summary of the progress made on the Measure M2 (M2) Capital Action Plan projects covering the second quarter, April – June of 2011.

Freeway Projects

Project Study Reports

Tami Warren (714) 560-5590

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 has been reviewed by the cities and has been submitted to the California Department of Transportation (Caltrans) for their review and approval. Alternatives resulting from this effort will be further refined in the next phase which is environmental review.

Project Study Report to Begin – 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 early 2013.

OCTA has 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 completed in early 2013.

Capital Projects

Rose Casey (714) 560-5729

I-5 Projects

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 high-occupancy vehicle (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 (Part of Project C), through San Clemente, Dana Point, and San Juan Capistrano. 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 completed 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 late 2011, OCTA will begin preparing an environmental study for improvements along I-5 between State Route 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)

Environmental Study to Begin – In mid-2011, OCTA will begin preparing an environmental study to add lanes to the I-5 between the SR-55 and State Route 57 (SR-57) through the City of Santa Ana. The study will evaluate options to add capacity to the existing HOV lanes and improve the circulation at the I-5 and SR-55 interchange. The study is expected to be complete in mid-2013. (Project A)

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 is preparing the project construction bid documents for advertising scheduled on July 11, 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 and Fullerton. Construction of the improvements started in January 2011 and is expected to be complete in mid-2014. (Part of Project G)

State Route 91 (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)

Final Design Complete – Caltrans has completed final design to add one new lane in each direction along the SR-91 from the SR-55 to the State Route 241 (SR-241). The new lanes will be built within existing right-of-way through Anaheim and Yorba Linda. Construction bids were solicited in early 2011, with construction expected to start in mid-2011. (Part of Project J)

Construction Complete – Construction was completed on a new eastbound lane along the SR-91, between SR-241 and State Route 71 (SR-71). The new lane extended the previous eastbound auxiliary lane that terminated within Santa Ana Canyon all the way to the SR-71 interchange in Riverside County. Construction of the project was funded under the American Recovery and Reinvestment Act (federal economic stimulus program). (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. RCTC is currently preparing an environmental study for the proposed improvements, which is expected to be complete in late 2011.

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 the 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 complete in late 2012. (Project K)

Streets and Roads Projects

Regional Capacity Program
Roger Lopez (714) 560-5438

On March 15, 2010, the Board of Directors (Board) approved the guidelines for the administration of the Regional Capacity Program (Project O). On November 7, 2010, the

Board authorized staff to release a call for projects that will make available approximately \$56 million for streets and roads projects.

The call for projects was issued on November 10, 2010, and applications were received January 28, 2011. Staff reviewed the applications submitted and worked with the Technical Advisory Committee to develop a list of programming recommendations. The Board approved the projects recommended for funding on June 27, 2011. Staff anticipates issuing the next call for projects in late fall of 2011.

Signal Synchronization

Anup Kulkarni (714) 560-5867

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. Projects will begin shortly and synchronized timing will be implemented in the field in 2012.

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 (M1) and Proposition 1B grants. To date, synchronization along Alicia Parkway (with 41 signalized intersections along 11 miles), Beach Boulevard (with 71 signalized intersections along 20 miles), and Chapman Avenue (with 47 signalized intersections along 13 miles) is complete. Results from the projects were compiled and presented to the Board in October 2010.

OCTA is working on the second phase 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). Field data collection is complete and implementation of the new timing plans is underway. Results from the projects will be presented to the Board in fall 2011.

Preliminary work is also underway on the third and final phase of the program. This phase includes the Katella Avenue, La Palma Avenue, and Yorba Linda Boulevard corridors. The California Transportation Commission allocated funds for this phase of the program in January 2011. Traffic engineering consultants for Katella Avenue, La Palma Avenue, and Yorba Linda Boulevard have been selected. The procurement process for La Palma Avenue is underway. The projects will be completed by fall 2012.

In June 2011, OCTA implemented traffic signal synchronization (TSS) 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.

Grade Separation Projects

Tresa Oliveri (714) 560-5374

During the second quarter, the traffic management plans for the Placentia Avenue and Kraemer Boulevard grade crossings were further refined and issues raised by the bicyclist advocates were included in the discussions. The bids were opened for the Placentia Avenue undercrossing and an award will be made at the July 25 Board meeting. The Board approved the advertisement of the Kraemer Boulevard undercrossing project on April 25, and an award will be made next quarter. Both projects are expected to begin construction in late September.

Further refinements were made to the Regional Traffic Study and discussed with members of the City Steering Committee.

Appraisals for property owners with potential impacts from the Tustin Avenue/Rose Drive overcrossing project were in process during the second quarter and property acquisitions were initiated in May. Property appraisals for the Lakeview Avenue overcrossing project were also initiated in May. Other activities for this quarter included the final value analysis recommendations, which were discussed with the design teams and city representatives. On May 9, 2011, the Board approved amendments to the cooperative agreements with the cities of Anaheim and Placentia.

Community outreach efforts continued throughout the quarter, and community meetings with homeowner associations along the corridor were held. Planning is underway to support open houses for the community in August and/or early September, along with a groundbreaking event to celebrate the beginning of construction activities for the Kraemer Boulevard and Placentia Avenue projects.

Metrolink Projects

Grade Crossing Improvements

Mary Toutouchi (714) 560-5833

Orange County's at-grade rail-highway crossing (railroad crossing) safety enhancement program began in August 2009 and is continuing to make progress. The enhancements being made to railroad crossings can 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).

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. At the end of June 2011, a total of 21 out of 51 crossings were in service.

Construction is currently underway in, Dana Point, Irvine, San Clemente, Santa Ana, and San Juan Capistrano. Signal crews are continuing to work nights and weekends installing conduits and foundations in preparation for pedestrian safety treatments at the crossings and synchronizing traffic signals with railroad signals. Civil construction crews continue to work during the week installing new medians and sidewalks, resurfacing pavement, restriping lines, and installing new signage. 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 may 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 two most southerly crossings, Group 3 crossings will have quiet zone status in early July.

Installation of signal foundations and conduits, as well as pedestrian gate foundations, sidewalk improvements, raised medians, handrails, and pedestrian swing gates have been completed for many of the crossings in Santa Ana and San Juan Capistrano and for the crossing in Dana Point. Work has also recently started in Irvine.

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, one from Anaheim and the other from the partnered cities of Santa Ana and Garden Grove. Both teams are currently underway with Step Two efforts to complete detailed planning, including alternatives analysis (AA) and environmental clearance activities in compliance with Go Local and Federal Transit Administration (FTA) guidelines.

The Transportation 2020 Committee received an update on both projects from the cities' respective Public Works Directors. For the Anaheim Rapid Connection (ARC) project, the City of Anaheim provided an overview of the study area, discussed the benefits of the project and the alternatives under consideration. The update also highlighted key project deliverables completed to date, including the Initial Screening Methodology Report, Alternatives Screening Report, Travel Demand Forecasting Methodology Report, and multiple technical studies. The updated project schedule as included in the item reflects environmental clearance expected in 2014 and construction anticipated to be complete in 2018.

The City of Santa Ana, in partnership with the City of Garden Grove, made a similar presentation to the Transportation 2020 Committee to share progress being made on the Santa Ana-Garden Grove fixed-guideway project. They highlighted the multiple employment and population centers to be served by the system, the projected ridership, alignments under consideration as well as progress made to date for completion on the Purpose and Need Statement, Definition and Screening of Alternatives, Travel Demand Forecasting, as well as the extensive public outreach program. Based upon the schedule shared, the project expects to achieve environmental clearance in 2012 and construction is expected to be complete in 2017.

Also as part of this update, staff requested direction from the Transportation 2020 Committee to establish a formal relationship between OCTA and each city for purposes of reporting to FTA on how both projects will be managed through the next phase of project development, preliminary engineering. Both of the fixed-guideway project updates and the proposed project management structure will be presented to the Board in September 2011.

Go Local Bus/Shuttle

Gordon Robinson (714) 560-5715

During the reporting period, under Project S Step Two of the service planning, work was completed in each of the six bus/shuttle sub-regions, which included a description of routes and stop locations including destinations, an evaluation of ridership, financial and performance forecasts, as well as overall system impacts.

The Go Local consulting firms finalized all technical efforts in February 2011. A total of 35 concepts have been submitted. Final reports were sent out to all participating cities in April 2011. The technical information is being studied under the Transit System Study efforts.

Community Based Transit/Circulators

Gordon Robinson (714) 560-5715

Under Project V, the Go Local consulting firms finalized all technical efforts in February 2011. Service planning activities for 25 bus/shuttle community-based circulator concepts was completed in each of the six bus/shuttle sub-regions, which included a description of routes and stop locations including destinations, an evaluation of ridership, financial and performance forecasts, as well as overall system impacts. Final reports were delivered to all participating cities in April 2011. The technical information is being studied under the Transit System Study efforts.

Environmental Committees

Marissa Espino (714) 560-5607

The Environmental Cleanup Allocation/Water Quality Committee (Allocation Committee) and the Environmental Oversight Committee (EOC) both 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.

Water Quality Program

The M2 Allocation Committee is designed to make recommendations to the Board on the allocation of funds for water quality improvements. 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.

The M2 Environmental Cleanup Allocation Program - Tier 1 Grant Program 2011 Call for Projects ended on April 18 with a total of 47 applications received from Orange County cities and the County of Orange.

The Tier 1 Grant Program 2011 Call for Projects is designed to mitigate the more visible forms of pollutants, such as litter and debris that collect on the roadways and in storm drains prior to being deposited in waterways and the ocean. The grant program consists of funding for equipment purchases and upgrades to existing catch basins and related best management practices, such as screens, filters, and inserts.

An estimated \$2.8 million in M2 funds will be allocated to eligible applicants, which include Orange County cities and the County of Orange.

In June, the Allocation Committee recommended funding 34 projects totaling \$2,861,786. The Highways Committee approved the funding allocation on August 1 and the Board is expected to approve the allocation August 8.

Freeway Mitigation Program

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 monitor the implementation of a master agreement between OCTA and state and federal resource agencies. 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.

Acquisition Properties Update

OCTA acquired more than 900 acres of open space in May and June 2011. OCTA's first purchase was Saddle Creek South, an 84-acre property in Trabuco Canyon that cost \$3.2 million, and the second property was the 296-acre Hayashi property in Brea that was purchased for \$2.96 million. The 399-acre Ferber Ranch property was purchased for \$12.76 million, located northwest of Rancho Santa Margarita in Trabuco Canyon, and the O'Neill Oaks property, a 119-acre property adjacent to the Cleveland National Forest and O'Neill Regional Park, was purchased for \$4.3 million.

The OCTA Board has allocated a total of \$42 million to purchase open space in Orange County for the first round of funding. All funds are expected to be allocated within the next several months.

Restoration Properties Update

On April 11, 2011, the Board authorized staff, upon adoption of the fiscal year 2011-12 budget, to begin soliciting and accepting restoration applications for the second round of restoration funding. The Board approved the OCTA budget on June 13, 2011, allocating \$5 million for restoration projects. Accordingly, OCTA issued a call for properties on June 30, 2011, seeking interested parties wishing to propose habitat restoration projects for funding consideration. The call for properties will close on August 30, 2011.

The first round of funding – a total of \$5.5 million -- was allocated in September 2010. Three of the five grant agreements for the selected restoration plans have been executed. The two remaining grants are expected to be executed in the third quarter of 2011.

Financing













Sean Murdock (714) 560-5685

Sales tax figures for the second quarter came in significantly higher than the projections used for the current year budget. Advances from the State Board of Equalization for the period increased ten percent from the same period last year, which is significantly higher than the 1.1 percent growth rate assumed for the budget. This represents the sixth straight quarter with growth in advances from the same period of the prior year.

Capital Action Plan

Status Thru June 2011

Updated: July 18, 2011

Capital Projects	Cost Budget/Forecast (millions)	Schedule Plan/Forecast															
		Begin Environmental	FY 11	Complete Environmental	FY 11	Begin Design	FY 11	Complete Design	FY 11	Construction Ready	FY 11	Advertise Construction	FY 11	Award Contract	FY 11	Complete Construction	FY 11
Freeway Projects:																	
 I-5, Pico to Pacific Coast Highway Project C	TBD \$275.0	Jun-09 Jun-09		Dec-11 Jul-11		Jun-11 Jun-11	Q4 Q4	TBD Jul-14		TBD Jan-15		TBD Mar-15		TBD May-15		TBD Jun-18	
 I-5, I-5/Ortega Interchange Project D	\$90.9 \$77.6	Sep-05 Sep-05		Jun-09 Jun-09		Jan-09 Jan-09		Nov-11 Feb-12		Mar-12 Jul-12		Jun-12 Aug-12		Aug-12 Nov-12		Nov-14 Feb-15	
I-5, Avenida Vaquero Soundwall	\$3.0 \$2.5	N/A N/A		N/A N/A		Feb-08 Feb-08		Jan-09 Mar-09		Mar-09 Apr-09		Aug-10 Aug-10	Q1 Q1	Nov-10 Nov-10	Q2 Q2	Oct-11 Sep-11	
I-5, El Camino Real Soundwall	\$5.3 \$4.9	N/A N/A		N/A N/A		Jan-08 Jan-08		Jan-09 Jan-09		Mar-09 Apr-09		Aug-10 Aug-10	Q1 Q1	Dec-10 Dec-10	Q2 Q2	Feb-12 Feb-12	
 I-5, SR-73 to El Toro Road Project C & D	TBD \$559.3	Sep-11 Sep-11		Jun-14 Jun-14		TBD Jun-14		TBD Jul-17		TBD Jan-18		TBD Mar-18		TBD Jun-18		TBD Jun-22	
 I-5, SR-55 to SR-57 Project A	TBD \$45.7	Jul-11 Jun-11	Q4	Jun-13 Jun-13		TBD Jul-13		TBD Mar-15		TBD Jul-15		TBD Aug-15		TBD Nov-15		TBD Nov-17	
I-5, SR-91 to Los Angeles (LA) County Line	\$334.1 \$326.5	N/A N/A		Dec-99 Dec-99		Sep-99 Sep-99		Jun-04 Jul-05		Dec-04 Aug-05		Jan-05 Sep-05		Apr-05 Apr-06		Mar-11 Jan-11	Q3 Q3
I-5, SR-91 to LA County Line (Landscape)	\$1.7 \$1.7	N/A N/A		N/A N/A		Jan-08 Jan-08		Jul-10 Jul-10	Q1 Q1	Sep-10 Sep-10	Q1 Q1	Nov-10 Nov-10	Q2 Q2	Feb-11 Feb-11	Q3 Q3	Apr-12 Apr-12	
I-5, Continuous HOV Lane Access	TBD \$7.7	Jul-11 Jul-11		Mar-12 Mar-12		Feb-12 Feb-12		Jan-13 Jan-13		Apr-13 Apr-13		May-13 May-13		Aug-13 Aug-13		Dec-13 Dec-13	
SR- 22, Additional Soundwalls	\$4.0 \$3.2	N/A N/A		N/A N/A		Mar-08 Mar-08		Jan-09 Jun-09		Mar-09 Nov-09		Apr-09 Dec-09		Jun-09 Apr-10		Mar-11 Mar-11	Q3 Q3
SR-55, High-Occupancy Vehicle Continuous (HOV) Access	\$1.5 \$1.1	May-10 May-10		Aug-10 Oct-10	Q1 Q2	May-10 May-10		Oct-10 Oct-10	Q2 Q2	Dec-10 Dec-10	Q2 Q2	Dec-10 Dec-10	Q2 Q2	Feb-11 Feb-11	Q3 Q3	Jun-11 May-11	Q4 Q4
 SR-55, I-405 to I-5 Project F	TBD \$274.9	Feb-11 May-11	Q3 Q4	Nov-13 Nov-13		TBD Nov-13		TBD Nov-16		TBD May-17		TBD Jun-17		TBD Sep-17		TBD Sep-20	
 SR-57 Northbound (NB), Katella to Lincoln Project G	\$78.7 \$49.2	Apr-08 Apr-08		Jul-09 Nov-09		Jul-08 Aug-08		Nov-10 Dec-10	Q2 Q2	Mar-11 Apr-11	Q3 Q4	May-11 Jul-11	Q4	Aug-11 Sep-11		Mar-15 Jun-14	
 SR-57 (NB), Orangethorpe to Yorba Linda Project G	\$80.2 \$57.5	Aug-05 Aug-05		Dec-07 Dec-07		Feb-08 Feb-08		Dec-09 Jul-09		Apr-10 Dec-09		Jun-10 May-10		Oct-10 Oct-10	Q2 Q2	Mar-14 Mar-14	
 SR-57 (NB), Yorba Linda to Lambert Project G	\$79.3 \$56.5	Aug-05 Aug-05		Dec-07 Dec-07		Feb-08 Feb-08		Dec-09 Jul-09		Apr-10 Mar-10		Jun-10 May-10		Oct-10 Oct-10	Q2 Q2	Jul-14 Jul-14	
 SR-91 Westbound (WB), I-5 to SR-57 Project H	\$78.1 \$78.0	Jul-07 Jul-07		Apr-10 Jun-10		Oct-09 Mar-10		Feb-12 Apr-12		Jul-12 Jul-12		Aug-12 Sep-12		Nov-12 Nov-12		Nov-15 Nov-15	
 SR-91 (WB), Tustin Interchange to SR-55 Project I	\$46.4 \$46.4	Jul-08 Jul-08		Jul-11 May-11	Q4	Jul-11 Jun-11	Q4	Feb-13 Feb-13		May-13 May-13		Sep-14 Jun-13		Nov-14 Aug-13		Sep-16 Jun-15	
 SR-91, SR-55 to SR-241 Project J	\$128.4 \$84.6	Jul-07 Jul-07		Jul-09 Apr-09		Jun-09 Apr-09		Jan-11 Aug-10	Q3 Q1	Apr-11 Dec-10	Q4 Q2	Jun-11 Feb-11	Q4 Q3	Sep-11 May-11	Q4	Dec-12 Dec-12	
 SR-91 Eastbound, SR-241 to SR-71 Project J	\$104.5 \$60.2	Mar-05 Mar-05		Dec-07 Dec-07		Jul-07 Jul-07		Dec-08 Dec-08		Mar-09 May-09		May-09 Jun-09		Jul-09 Aug-09		Nov-10 Jan-11	Q2 Q3

Capital Action Plan

Status Thru June 2011

Updated: July 18, 2011

Capital Projects	Cost Budget/Forecast (millions)	Schedule Plan/Forecast															
		Begin Environmental	FY 11	Complete Environmental	FY 11	Begin Design	FY 11	Complete Design	FY 11	Construction Ready	FY 11	Advertise Construction	FY 11	Award Contract	FY 11	Complete Construction	FY 11
I-405, Continuous HOV Lane Access	TBD \$3.5	Jul-11		Apr-12		Mar-12		Jan-13		Apr-13		May-13		Aug-13		Nov-13	
I-405, SR-55 to I-605 Project K	TBD \$1,789.4	Mar-09		Mar-13		TBD		TBD		TBD		TBD		TBD		TBD	
I-405/SR-22 HOV Connector	\$195.9 \$121.9	N/A		N/A		Sep-07		Sep-09		Mar-10		May-10		Aug-10	Q1	Aug-14	
I-405/I-605 HOV Connector	\$260.4 \$169.6	N/A		N/A		Sep-07		Sep-09		Mar-10		May-10		Oct-10	Q2	Jan-15	
Grade Separation Projects:																	
Sand Canyon Grade Separation Project R	\$55.6 \$55.2	N/A		Sep-03		Jan-04		Jul-10	Q1	Jul-10	Q1	Oct-10	Q2	Feb-11	Q3	May-14	
Raymond Grade Separation Project O	\$77.2 \$77.2	Feb-09		Oct-11		Mar-10		Aug-12		Nov-12		Feb-13		May-13		Mar-16	
State College Grade Separation Project O	\$73.6 \$73.6	Dec-08		Jan-11	Q3	Jul-06		Aug-12		Nov-12		Feb-13		May-13		Mar-16	
Placentia Grade Separation Project O	\$78.2 \$69.2	Jan-01		May-01	Q4	Jan-09		Mar-10		May-10		Mar-11	Q3	Jun-11	Q4	Jul-14	
Kraemer Grade Separation Project O	\$70.4 \$68.7	Jan-01		Sep-09		Jan-09		Jul-10	Q1	Jul-10	Q1	Apr-11	Q4	Aug-11		May-14	
Orangethorpe Grade Separation Project O	\$117.4 \$109.6	Jan-01		Sep-09		Feb-09		Dec-11		Dec-11		Feb-12		May-12		Mar-15	
Tustin/Rose Grade Separation Project O	\$103.0 \$88.0	Jan-01		Sep-09		Feb-09		Dec-11		Mar-12		May-12		Aug-12		Mar-15	
Lakeview Grade Separation Project O	\$70.2 \$79.0	Jan-01		Sep-09		Feb-09		Oct-11		Oct-12		Feb-13		May-13		Sep-15	
Rail and Station Projects:																	
Rail-Highway Grade Crossing Safety Enhancement Project R	\$93.2 \$93.2	Jan-08		Oct-08		Jan-08		Sep-08		Sep-08		Sep-08		Aug-09		Dec-11	
Metrolink Service Expansion Program	\$125.9 \$125.9	May-07		Apr-08		Jul-07		Mar-09		Mar-09		Sep-08		Mar-09		Oct-11	
Placentia Metrolink Station	\$23.0 \$22.2	Jan-03		May-07		Oct-08		Jan-11	Q3	Jan-11	Q3	Aug-12		Dec-12		Jan-15	
Orange Station Parking Expansion	\$23.7 \$23.7	Dec-09		May-12		Sep-10	Q1	Jul-12		Jul-12		Jun-13		Aug-13		Dec-16	
Tustin Station Parking Expansion	\$17.6 \$17.4	Apr-07		Nov-07		Apr-09		Mar-10		Mar-10		Apr-10		Aug-10	Q1	Sep-11	
Fullerton Station Parking Expansion	\$42.0 \$32.9	Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10	Q1	Apr-12	

Capital Action Plan

Status Thru June 2011

Updated: July 18, 2011



Capital Projects	Cost Budget/Forecast (millions)	Schedule Plan/Forecast															
		Begin Environmental	FY 11	Complete Environmental	FY 11	Begin Design	FY 11	Complete Design	FY 11	Construction Ready	FY 11	Advertise Construction	FY 11	Award Contract	FY 11	Complete Construction	FY 11
		Anaheim Regional Transportation Intermodal Center Project R & T	\$227.4	Apr-09		Feb-11	Q3	Jun-09		Feb-12		Dec-11		May-11 (1) Q4		Jul-11	
	\$227.4	Apr-09		Jul-11		Jun-09		Feb-12		Sep-11		May-11 Q4		Jul-11		Sep-14	
LOSSAN Fiber Optic Communications	\$24.6	N/A		N/A		Oct-07		Mar-10		Mar-10		Apr-10		Dec-10	Q2	Aug-12	
	\$24.6	N/A		N/A		Oct-07		Sep-10	Q1	Sep-10	Q1	Oct-10 Q2		Dec-10 Q2		Sep-12	
Tustin Station Video Surveillance System (VSS) (Design-Furnish-Install)	\$0.8	N/A		N/A		Mar-11	Q3	Jun-11	Q4	Jun-11	Q4	N/A		N/A		Oct-11	
	\$0.8	N/A		N/A		Apr-11 Q4		Jun-11	Q4	Jun-11	Q4	N/A		N/A		Oct-11	
Santa Ana Station VSS (Design-Furnish-Install)	\$0.8	N/A		N/A		Jan-11	Q3	Feb-11	Q3	Feb-11	Q3	N/A		N/A		Sep-11	
	\$0.8	N/A		N/A		Jan-11 Q3		Feb-11	Q3	Apr-11 Q4		N/A		N/A		Sep-11	
Fullerton Station VSS (Design-Furnish-Install)	\$0.8	N/A		N/A		Apr-11	Q4	Aug-11		Aug-11		N/A		N/A		Jun-12	
	\$0.8	N/A		N/A		Jun-11 Q4		Sep-11		Sep-11		N/A		N/A		Jun-12	

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

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

- 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.
- Advertise 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