



**ORANGE COUNTY TRANSPORTATION AUTHORITY**

**Measure M2 Progress Report for January 2012 Through  
March 2012**

**Staff Report**



**May 14, 2012**

**To:** Members of the Board of Directors

**From:** Will Kempton, Chief Executive Officer

A handwritten signature in black ink, appearing to read "Will Kempton", is written over the "From:" line and extends to the right.

**Subject:** Measure M2 Progress Report for January 2012 Through March 2012

### **Overview**

Staff has prepared a Measure M2 progress report for the period of January 2012 through March 2012 for review by the Orange County Transportation Authority Board of Directors. Implementation of Measure M2 continues at a fast pace, and revenue projections are on a positive trend. 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 brought before the Orange County Transportation Authority (OCTA) Board of Directors (Board). All M2 progress reports are posted online for public review.

### **Discussion**

This report reflects activities within the overall M2 Program, as well as progress being made on Board-approved Capital Action Plan (CAP) projects and programs for the period of January 2012 through March 2012. An overview of significant progress is included (Attachment A) along with the CAP project status (Attachment B).

---

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

Freeway Projects

Request for proposals were released this quarter for two new project study reports to add capacity; one for State Route 55 (SR-55) (between Interstate 5 [I-5] and State Route 22) and the other, State Route 57 (SR-57) (from Orangewood Avenue to Katella Avenue in the northbound direction). Consultant selection and study kick off will take place next quarter. Both studies are anticipated to take 18 months to complete.

OCTA is nearly complete with the environmental study to add new lanes in each direction on Interstate 405 (I-405) between State Route 73 and Interstate 605. The study is looking at three alternatives ranging from adding a single general purpose (GP) lane in each direction, adding two GP lanes in each direction, and adding one GP lane in each direction along with adding a separate Express Lane combined with the existing high-occupancy vehicle (HOV) lane to create a two lane Express Lane toll facility. The study will be released for public review in the next quarter seeking public input on the three alternatives. Three public hearings will be held during the 45-day public review period. The document will be available at the public hearings, online, and at several local libraries. The final environmental document will be complete in early 2013. It is anticipated that following public input, a recommended locally preferred strategy will be brought to the Board for consideration in the third quarter of this year.

As part of the environmental study underway for the I-5 between the SR-55 and the SR-57, this quarter, two alternatives were identified for the HOV lane, and three alternatives for the 1<sup>st</sup>/4<sup>th</sup> Street interchange - of which all are being evaluated. Three neighborhood meetings were conducted in the City of Santa Ana (City), along with one meeting for the City public works staff.

On the SR-55, between the I-405 and I-5, as part of the environmental study, the consultant completed the traffic study, began surveys for the various environmental technical studies, and completed the geometric layouts.

Construction is 40 percent complete on a new northbound lane on SR-57 between Katella and Lincoln Avenues in the City of Anaheim. The Yorba Linda Boulevard to Lambert Road segment in the cities Brea and Fullerton is more than 50 percent complete, while the Yorba Linda Boulevard to Orangethorpe Avenue segment in the cities of Fullerton and Placentia is 40 percent complete. All three sections are scheduled to be finished by mid-2014.

---

OCTA submitted 100 percent design plans to the California Department of Transportation (Caltrans) Headquarters for final review and approval to add a new westbound general purpose lane to State Route 91 (SR-91) from the I-5 to the SR-57. The team also prepared and submitted the project's environmental document and associated supplemental reports for revalidation.

Caltrans and OCTA officially reached the 50 percent completion stage on the SR-91 project between the SR-55 and State Route 241. Among the quarter's major accomplishments are the reconstruction and realignment of three ramps, including both the Yorba Linda Boulevard/Weir Canyon Road off-ramps and the Imperial Highway eastbound tangent on-ramp.

Lastly, on February 13, 2012, the Board approved Project N Guidelines for the Freeway Service Patrol.

### Streets and Roads

The 2011-2012 Regional Capacity Program application review process was completed in February 2012, and the Technical Steering and Technical Advisory committees approved programming recommendations in March 2012.

The grade separation program continues on schedule with two projects under construction at Placentia Avenue and Kraemer Boulevard, and two projects proceeding towards construction at Orangethorpe Avenue and Tustin Avenue-Rose Drive this summer. The last three projects are expected to start construction in the summer of 2013 at Lakeview Avenue, State College Boulevard, and Raymond Avenue.

OCTA is in the third and final phase of advanced signal synchronization efforts along ten arterial corridors comprised of 533 signalized intersections on 158 miles of roadway. This effort, known as the Traffic Light Synchronization Program or TLSP, is funded by a total \$8 million of Measure M and Proposition 1B grants.

To ensure M2 funding for streets and roads progresses in a timely manner, OCTA monitors local agency progress on calls for projects. The first M2 streets and roads call for projects resulted in \$63.3 million of funding; \$55.6 million for arterial capacity and \$7.7 million for signal synchronization projects. As of March 2012, local agencies had awarded contracts for approximately \$10 million of the funding.

---

Transit Programs

In February, the Federal Transit Administration approved the final environmental clearance for the Anaheim Regional Transportation Intermodal Center Project with the issuance of a Finding of No Significant Impact. On March 29, 2012, design was completed to 90 percent. The city of Anaheim is expected to complete the 100 percent plans, specifications, and estimate by late May 2012. The invitation for bids is expected to be issued on May 29, 2012.

More than \$1.4 million in M2 Project U funding has been disbursed to 25 cities participating in the Senior Mobility Program through March 2012. Collectively, the cities have provided nearly 200,000 trips for seniors traveling to medical appointments, nutrition programs, shopping destinations, and senior and community center activities. In addition, more than \$1.7 million has been disbursed to the County of Orange to support the Office on Aging Senior Non-Emergency Medical Transportation Program.

Environmental Cleanup and Water Quality

OCTA completed the draft countywide assessment that determines the best candidate sites for funding regional capital projects like bioswales, constructed wetlands, and detention/infiltration basins. The Allocation Committee will consider endorsing the assessment at the April 2012 meeting.

To ensure M2 funding for environmental cleanup projects progresses in a timely manner, OCTA monitors local agency progress on calls for projects. The call for projects resulted in \$2.8 million of funding. As of March 2012, local agencies had awarded contracts for \$1.5 million of the funding.

Freeway Mitigation Program

On March 21, 2012, The Environmental Oversight Committee endorsed staff's recommendation to fund a second round of restoration projects.

To date, OCTA has acquired approximately 950 acres of open space property in the Trabuco Canyon area and in Brea. Approximately \$8.5 million (inclusive of the long-term management cost) remains for additional acquisitions, and the funds are expected to be allocated within the next several months.

Financial Outlook

Sales tax receipts continue to exceed the amount assumed for the current budget. Sales tax receipts from the State Board of Equalization for the period

---

increased 6.37 percent from the same period last year, which exceeds the 5.4 percent growth rate assumed in the adopted budget. The sustained positive growth in revenue has increased the revenue forecast for the life of the M2 Program from a low of \$13.7 billion to the current estimate of \$15.6 billion. The latest revenue and expenditure report which covers the period through December 31, 2011 is included as Attachment C.

#### Program Management Office

The M2 Program Management Office (PMO) provides interdivisional coordination. A committee made up of Executive Directors and key staff from each of the divisions meets every two weeks to review key issues and activities within the Measure M Program.

In the first quarter, the focus of the PMO has been on several key items. These include:

On February 27, 2012, OCTA held an M2 workshop with the Board and provided a summary on the progress of the M2 Program projects. Additionally, staff presented an M2020 Plan of options to the Board for expediting delivery of freeway projects and proposed financing options for the I-405 (Project K). Staff is responding to Board member questions from the presentation and developing a recommended M2020 Plan for Board consideration.

A request for proposals was released for the 2009-12 Performance Assessment to assess OCTA's performance to date on the delivery of M2. Assuming OCTA receives quality proposals from qualified firms, staff is on track to have a consultant on board in July 2012.

#### ***Summary***

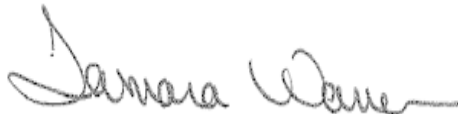
As required by M2 Ordinance No. 3, a quarterly report covering activities from January 2012 through March 2012 is provided to update progress in implementing the M2 Transportation Investment Plan. The above information and the attached details indicate significant progress on the overall M2 CAP. To be 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**

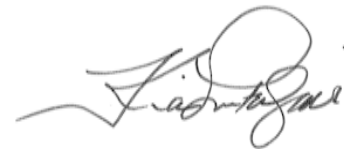
- A. Measure M2 Quarterly Progress Summary – January Through March 2012
- B. Capital Action Plan – Status Thru March 2012
- C. Measure M2 Schedule of Revenues, Expenditures and Changes in Fund Balance as of December 31, 2011

**Prepared by:**



Tamara Warren  
Manager, Program Management Office  
(714) 560-5590

**Approved by:**



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



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



**ORANGE COUNTY TRANSPORTATION AUTHORITY**

**Measure M2 Progress Report for January 2012 Through  
March 2012**

**Attachment A**



**Measure M2 Quarterly Project Summary  
*January Through March 2012***

The following is a summary of the progress made on the Measure M2 (M2) Early Action Plan projects covering the first quarter, January – March of 2012.

**Freeway Projects**

**Planning Projects**

Contact: Dan Phu (714) 560-5907

**Interstate 5 (I-5) Projects**

Segment: I-5/EI Toro Road Interchange (Part of Project D)

Status: Project Study Report (PSR) Underway

Summary: The Orange County Transportation Authority (OCTA) initiated a PSR/Project Development Support (PDS) document to look at alternatives to update and improve the I-5/EI Toro Road interchange in the cities of Laguna Hills, and Lake Forest. The project study team (PST), consisting of staff from OCTA and the cities of Laguna Hills, Lake Forest, and Laguna Woods, has identified four alternatives that include new off-ramps providing direct access eastbound EI Toro Road, new on/off ramps at Avenida de Carlota, and on/off ramps at the Los Alisos interchange. This quarter, the PST initiated the alternatives analysis and the PSR/PDS preparation, and anticipates a draft PSR/PDS document at the end of next quarter. The study is expected to be completed at the end of 2012.

**State Route 55 (SR-55) Projects**

Segment: SR-55 between I-5 and State Route 22 (SR-22) (Part of Project F)

Status: PSR Underway

Summary: OCTA initiated a PSR/PDS to add capacity between the I-5 and SR-22, and provide freeway operational improvements between SR-22 and State Route 91 (SR-91), in the cities of Orange, Santa Ana, and Tustin. This quarter, OCTA released the request for proposals (RFP) for the preparation of the PSR/PDS document. Consultant selection and project kick-off is expected to take place in the next quarter. The study is anticipated to be complete in approximately 18 months.

**State Route 57 (SR-57) Projects**

Segment: SR-57 from Orangewood Avenue to Katella Avenue in the northbound direction only (Part of Project G)

Status: PSR Underway

Summary: OCTA initiated a PSR/PDS to add capacity in the northbound direction of the SR-57 in the cities of Anaheim and Orange. This quarter, OCTA released the RFP for the preparation of the PSR/PDS document. Consultant selection and project kick-off is expected to take place in the next quarter. The study is anticipated to be complete in approximately 18 months.

#### State Route 91 (SR-91) Projects

Segment: SR-91 Between the SR-55 and SR-57 (Project I)

Status: PSR Underway

Summary: In August 2011, OCTA initiated a PSR/PDS to look at alternatives to add capacity and balance the number of lanes on SR-91 in the City of Anaheim and to improve the interchanges at Kraemer Boulevard/Glassell Street, Tustin Avenue and Lakeview Avenue. During this quarter, OCTA completed alternatives development, traffic analysis, and cost estimates. During the next quarter, the environmental analysis will begin and the development of the draft PSR/PDS document will continue. The anticipated completion date for this study is December 2012.

#### Interstate 405 (I-405) Projects

Segment: I-405 Between the SR-55 and the El Toro "Y" (Project L)

Status: PSR Underway

Summary: OCTA initiated a PSR/PDS to explore alternatives to add capacity on the I-405 in the City of Irvine. The PST, consisting of staff from OCTA and the I-405 in the City of Irvine, has identified two alternatives that consist of adding lanes to the mainline, improvement to the operation of the northbound SR-133 to northbound I-405 ramp connector, and the addition of auxiliary lanes. This quarter, the PST initiated the alternatives analysis and the PSR/PDS preparation. This effort will continue into next quarter. The study is expected to be completed in early 2013.

#### Capital Projects

Contact: Rose Casey (714) 560-5729

#### I-5 Projects

Segment: I-5 Between the SR-55 and SR-57 (Project A)

Status: Environmental Study Underway

Summary: This project is in the project approval/environmental document phase for improvements on the I-5 between the SR-55 and SR-57. The project will include an additional high-occupancy vehicle (HOV) lane in both the northbound and southbound directions of the I-5 and improvements to a "chokepoint" at the 1<sup>st</sup>/4<sup>th</sup> Street interchange in the City of Santa Ana. This quarter, two alternatives were identified for the HOV lane, and three alternatives for the 1<sup>st</sup>/4<sup>th</sup> Street interchange - all are being evaluated. Three neighborhood meetings were conducted in Santa Ana, along with one meeting for the Santa Ana public works staff. All meetings were to provide

information only. The project is expected to move into the design phase in mid-2014.

Segment: I-5 Between State Route 73 (SR-73) and El Toro Road (Part of Projects C and D)  
Status: Environmental Study Underway  
Summary: Last fall, OCTA began an environmental study for improvements along the I-5 between SR-73 and El Toro Road. The study will evaluate extending a second carpool lane from El Toro Road to Alicia Parkway, and adding general purpose lanes to improve the flow of traffic through this area. In addition, La Paz Road and Avery Parkway interchanges will be improved as part of this project. Stakeholders living in Lake Forest, Laguna Hills, Laguna Woods, and Mission Viejo will be invited to the project's first open house slated for summer 2012. The study is expected to be finished in mid-2014.

Segment: I-5 Between Avenida Pico and San Juan Creek Road (Part of Project C and D)  
Status: Final Design Underway  
Summary: OCTA is working on the final design for improvements along I-5 between Avenida Pico and San Juan Creek Road, in Dana Point, San Clemente, and San Juan Capistrano. The project will add a carpool lane in each direction, as well as improve the Avenida Pico interchange. During this quarter, 35 percent Plans, Specifications, and Estimate (PS&E) were submitted to the California Department of Transportation (Caltrans) and final design is expected to wrap up by mid-2013. Construction is slated to begin in fall 2013.

Segment: I-5/ State Route 74 (SR-74) Interchange (Part of Project D)  
Status: Final Design and Right-of-Way Acquisition Underway  
Summary: Caltrans is working on the final design for the reconstruction of the I-5 interchange at 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. Final PS&E and design was submitted to Caltrans Headquarters for review and is expected to be complete this summer, with construction starting in late 2012.

### SR-55 Projects

Segment: SR-55 Between the I-405 and I-5 (Part of Project F)  
Status: Environmental Study Underway  
Summary: OCTA began the environmental study which aims to increase capacity, reduce congestion, and smooth traffic flow on SR-55 in the cities of Irvine, Santa Ana, and Tustin. The study will review the addition of mixed-flow, carpool, and auxiliary lanes, as well as operational improvements between interchanges with minimal right-of-way impacts. This quarter, the consultant completed the traffic volumes study, began surveys for the various environmental technical studies, and completed the geometric layouts. The environmental and project report phase is now 40 percent complete and is expected to wrap in early 2014.

## SR-57 Projects

Segment: SR-57 Northbound, Katella Avenue to Lincoln Avenue (Part of Project G)  
Status: Construction Underway  
Summary: Caltrans awarded a contract to construct a new northbound lane on the SR-57 in Anaheim. Improvements to this three-mile stretch include adding one northbound general purpose lane from the Katella Avenue off-ramp to the Lincoln Avenue on-ramp. Also included is widening the freeway to bring the general purpose lane, the carpool lane, and the inside shoulder widths to Caltrans design standards. This quarter, the contractor restriped the freeway for stage 1 work and began clearing/ grubbing and excavations. Construction is five percent complete and anticipated to be finished by mid-2014.

Segment: SR-57 Northbound, Orangethorpe Avenue to Lambert Road (Part of Project G)  
Status: Construction Underway  
Summary: To improve traffic flow along the SR-57, OCTA, in cooperation with Caltrans, is working to add a new northbound lane in Brea, Fullerton, and Placentia. Improvements within this five-mile segment include adding one general purpose lane along with merging lanes, standardization of existing lane widths and shoulders, and reconfiguring certain on- and off-ramps. This quarter the contractors removed falsework and lowered the Chapman Avenue bridge, and completed the Brea Over Head and Bastanchury bridge widenings. Work is continuing on four other bridge widening locations, as well as on retaining walls and soundwalls throughout the segment. The Yorba Linda Boulevard to Lambert Road segment is more than 50 percent complete, while the Yorba Linda Boulevard to Orangethorpe Avenue is 40 percent complete. This section is scheduled to be finished in mid-2014.

## SR-91 Projects

Segment: SR-91 Westbound, I-5 to SR-57 (Project H)  
Status: Final Design Nearing Completion  
Summary: During this quarter, OCTA reached several milestones, including the submittal of 100 percent design plans to state officials for final review and approval. The team also prepared and submitted the project's environmental document and associated supplemental reports for revalidation. With construction scheduled to start in late 2012, the project's right-of-way team continued their efforts to set the stage by successfully reaching agreement on 11 of 19 properties.

Segment: SR-91 Westbound, Tustin Avenue Interchange to SR-55 (Part of Project J)  
Status: Final Design Underway  
Summary: Caltrans pressed on with design during the quarter. Intended to improve traffic flow, connectivity, and operations at this pivotal stretch, the project's final design remains slated for March 2013. Concurrent with design efforts, Caltrans initiated right-of-way activities that are intended to clear the way for construction of project improvements and walls.

Segment: SR-91, Between SR-55 and State Route 241 (SR-241) (Part of Project J)  
Status: Construction Underway  
Summary: After breaking ground in late 2011, Caltrans and OCTA officially reached the 50 percent completion stage on this \$74 million freeway project. Among the quarter's major accomplishments are the reconstruction and realignment of three ramps, including both Yorba Linda Boulevard/Weir Canyon Road off-ramps and the Imperial Highway eastbound tangent on-ramp. During this period, construction crews also conducted two full freeway closures to dismantle old and install new 91 Express Lanes gantries and toll collection systems, thus clearing the path for new lane to be constructed on the eastern ends. Additionally, the eastbound truck weigh station, which regulates truck traffic on this goods movement corridor, was substantially completed. In support of these and other efforts, public communication initiatives included stakeholder presentations, direct mailers, neighborhood canvassing, business outreach and other multimedia communication efforts were employed to raise awareness in the community and with commuters.

Segment: SR-91, Between the SR-241 and State Route 71 (SR-71) (Part of Project J)  
Status: Environmental Study Underway  
Summary: OCTA is working with the Riverside County Transportation Commission (RCTC) to extend the 91 Express Lanes eastward from its current terminus in the city of 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 also 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 2011 SR-91 Implementation Plan.

### I-405 Projects

Segment: I-405, Between SR-55 and Interstate 605 (I-605) (Project K)  
Status: Environmental Study Underway  
Summary: OCTA is wrapping up an environmental study to add new lanes in each direction on the I-405 between the SR-73 and the I-605. The study is looking at three alternatives ranging from adding a single general purpose (GP) lane in each direction, adding two GP lanes in each direction, and adding one GP lane in each direction along with adding a separate Express Lane combined with the existing HOV lane to create a two lane Express Lane toll facility. The study will be released for public review in the next quarter seeking public input on the three alternatives. Three public hearings will be held during the 45-day public review period. The document will be available

at the public hearings, online, and at several local libraries. The final environmental document will be complete in early 2013. It is anticipated that following public input, a recommended locally preferred strategy will be brought to the Board of Directors (Board) for consideration in the third quarter of this year.

Freeway Service Patrol – (Project N)

Contact: Sue Zuhlke (714) 560-5574

This quarter, Project N Guidelines were approved by the Board of Directors on February 13, 2012. Staff will return to the Board in May 2012 seeking authorization to add new midday and weekend service and fund a public safety dispatcher position with the California Highway Patrol.

### **Streets and Roads Projects**

Regional Capacity Program (Project O)

Contact: Roger Lopez (714) 560-5438

The 2011-12 Regional Capacity Program call for projects was issued on September 28, 2011. Local agencies submitted 40 project applications for project funding. During this quarter, the application review process was completed (February 2012). The resulting programming recommendations were presented to, and approved by, the Technical Steering and Technical Advisory Committees in March 2012. The final Board approval is expected in April 2012.

To ensure M2 funding for streets and roads progresses in a timely manner, OCTA monitors local agency progress on calls for projects. The first M2 streets and roads call for projects for Project O resulted in \$55.6 million of funding. As of March 2012, local agencies had awarded contracts for approximately \$7.3 million of the funding. The start up of M2 grant funded projects has taken additional time due to the need to execute new master agreements with each local agency and seasonal considerations. It is anticipated that funding will flow more quickly in the coming months.

Grade Separation Projects (Part of Project O)

Contact: Rose Casey (714) 560-5729

The grade separation program continues on schedule. This quarter, projects at Placentia Avenue and Kraemer Boulevard were under construction. Projects at Orangethorpe Avenue and Tustin Avenue-Rose Drive were proceeding towards construction this summer. The last three projects at Lakeview Avenue, State College Boulevard, and Raymond Avenue are expected to start construction summer 2013.

On February 6, staff presented a 'receive and file' item to the Regional Planning and Highways Committee. The item identified that OCTA is in the process of reviewing grade separation program budgets to confirm that they are consistent with the overall program budget plan. Staff will be addressing findings at the April 2012 Board meeting.

On February 13, 2012, the Board approved a cooperative agreement with the City of Placentia related for Traffic Management Planning for detouring of traffic associated with the Lakeview Avenue overcrossing project. OCTA and the City of Placentia will share the costs of this improvement, which is necessary to circulate vehicular traffic during the construction of the projects. The Board also adopted a separate resolution of necessity for a property necessary to construct the Tustin Avenue-Rose Drive grade separation project, which is expected to be advertised for construction summer 2012.

M2 Regional Traffic Signal Synchronization Program (Project P)

Contact: Ron Keith (714) 560-5990

OCTA awarded \$7.8 million to synchronize an additional 400 signals along 140 miles of Orange County streets and roads. This quarter, 17 projects were awarded funding with 24 local agencies participating in inter-jurisdictional cooperation. It is anticipated that all 17 projects will be underway by the beginning of 2013.

A new 2011 call for projects took place in October of 2011. Proposals were received from all agencies in Orange County. It is anticipated that project awards will be in excess of \$10 million. Recommendations for awards, including the project costs and details, will be made available to the Board in spring 2012.

To ensure M2 funding for streets and roads progresses in a timely manner, OCTA monitors local agency progress on calls for projects. The first M2 streets and roads call for signal synchronization projects resulted in \$7.7 million of funding. As of March 2012, local agencies had awarded contracts for approximately \$3 million of the funding. The start up of M2 grant funded projects has taken additional time due to the need to execute new master agreements with each local agency. It is anticipated that funding will flow more quickly in the coming months.

Local Fair Share Program (Project Q)

Contact: Andy Oftelie (714) 560-5649

All local agencies have been found eligible to receive M2 Local Fair Share funds. On a bi-monthly basis, 18 percent of net revenues are allocated to local agencies by formula. To date, approximately \$30.8 million in Local Fair Share payments have been provided to local agencies as of the end of the quarter.

## **Transit Projects**

Metrolink Grade Crossing Improvements (Project R)

Contact: Dinah Minter (714) 560-5740

Enhancement of the originally designated 52 Orange County at-grade rail-highway crossings has been completed as part of the Metrolink Expanded Service Program. The crossings associated with Groups 1, 2, 3, 4A, 6, the Senda de la Playa and North Beach crossings in San Clemente and Fairhaven, and the Santa Clara and 17th Street crossings in Santa Ana are now designated quiet zones.

### Go Local Fixed-Guideway (Part of Project S)

Contact: 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 Garden Grove and Santa Ana. Both teams are currently working on Step Two efforts to complete detailed planning, including alternatives analysis and environmental clearance activities.

Per OCTA's direction, the project team from Anaheim continued its re-assessment of cost-effective alternatives for the Anaheim Rapid Connection Project. This re-assessment includes re-evaluating at-grade streetcar and bus rapid transit alternatives. The project alternatives continue to be refined to ensure the most cost-effective option that meets the needs of the corridor is being studied. Staff will present the findings of this re-assessment in the following quarter.

The project team from Santa Ana and Garden Grove completed multiple deliverables during the reporting period, including finalizing the project's environmental technical reports and preliminary conceptual engineering drawings. The project was redefined to include an initial operating segment to be constructed as the first operating segment of the project. In February, staff participated with the cities in an in-depth final review and comment session on the Santa Ana/Garden Grove Draft Environmental Impact Report/Environmental Assessment. The document is anticipated to go to the Federal Transit Administration (FTA) for review during the third quarter.

### Bus and Station Van Extension Projects (Part of Project S)

Contact: Abbe McClenahan (714) 560-5673

OCTA requested letters of interest for a Project S call for projects during the previous quarter. Interest letters were received from eight eligible applicants. Based on this interest, the Board approved the call for projects and it was issued on February 27, 2012. The applications are due April 26, 2012, and will be evaluated using the Board-approved criteria.

### Convert Metrolink Station(s) to Regional Gateways that Connect Orange County with High-Speed Rail Systems (Project T)

Contact: Dinah Minter (714) 560-5740

The City of Anaheim is the lead for the development of the Anaheim Regional Transportation Intermodal Center (ARTIC) Project. ARTIC will be a multi-modal transportation hub serving both current and future expansions of Metrolink and Amtrak rail service, as well as fixed-route and contract bus services, taxi, bicycle, and various shuttles/circulators.

The FTA approved the final environmental clearance in February with the issuance of a finding of no significant impact. Design was completed to 90 percent on March 29, 2012. The city is expected to complete 100 percent PS&E by late May 2012. The invitation for bids is expected to be issued on May 29, 2012.



Senior Mobility Program (Part of Project U)

Contact: Dana Wiemiller (714) 560-5718

More than \$1.4 million in M2 Project U funding has been disbursed to 25 cities participating in the Senior Mobility Program through March 2012. Collectively, the cities have provided nearly 200,000 trips for seniors traveling to medical appointments, nutrition programs, shopping destinations, and senior and community center activities. In addition, more than \$1.7 million has been disbursed to the County of Orange to support the Office on Aging Senior Non-Emergency Medical Transportation Program.

Fare Stabilization Program (Part of Project U)

Contact: Andy Oftelie (714) 560-5649

To stabilize fares for seniors and persons with disabilities, one percent of net revenues are dedicated for this purpose. To date, \$1.7 million has been allocated to stabilize fares for seniors and persons with disabilities. The M2 Ordinance requires that funds be allocated "in an amount equal to the percentage of partial funding of fares for seniors and persons with disabilities as of the effective date of the Ordinance." As projected revenues declined due to the recession, there was a concern that one percent of net revenues would not be sufficient to meet the Ordinance requirements. When the Board approved the Project U guidelines, they authorized that any revenues generated by the Senior Mobility Program (SMP) not claimed by the cities could be used for the Fare Stabilization Program. Since there are ten local agencies that do not participate in the SMP, \$0.3 million has been transferred from the SMP program to the Fare Stabilization Program. In December 2011, staff provided the Board of Directors with a financial analysis that showed that the Fare Stabilization Program funding levels are sufficient until fiscal year 2034-35. Staff will return to the Finance and Administration Committee in fall 2012 with a financial update for the Fare Stabilization Program.

Community Based Transit/Circulators (Project V)

Contact: Gary Hewitt (714) 560-5715

Project V was developed as a competitive program to help local jurisdictions establish local bus transit services such as community based circulators, shuttles, and bus trolleys that complement regional bus and rail services and meet the needs in areas not adequately served by regional transit. The next step for Project V is to solicit letters of interest from eligible applicants for a call for projects. If there is sufficient interest, the Board will need to approve the call for projects and evaluation criteria. This process will start after Project S applications have been reviewed.

Safe Transit Stops (Project W)

Contact: Beth McCormick (714) 560-5964

Staff is developing draft guidelines in conformance with Federal Title 6 Regulations. The proposed guidelines will be brought to the Board for consideration in the summer months.

## **Environmental Cleanup and Freeway Mitigation Program**

### Environmental Committees

Contact: Dan Phu (714) 560-5907

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.

### Environmental Cleanup (Project X)

Contact: Dan Phu (714) 560-5907

The M2 Allocation Committee is charged with making recommendations to the Board on the allocation of funds for the environmental cleanup program (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-related pollution. Project X is composed of a two-tiered funding process focusing on early priorities (Tier 1) and to prepare for more comprehensive capital investments (Tier 2).

The draft countywide assessment was just completed, which determines the best Tier 2 candidate sites for funding regional capital projects like bioswales, constructed wetlands, and detention/infiltration basins. The Allocation Committee will consider endorsing the assessment at the April 2012 meeting. The Allocation Committee endorsed the Comprehensive Transportation Funding Program guidelines in preparation for the Tier 2 call for projects at the February 2012 meeting. Staff will seek approval from the Board on the release of the Tier 2 call for projects and funding guidelines in spring 2012.

To ensure M2 funding for environmental cleanup projects progresses in a timely manner, OCTA monitors local agency progress on calls for projects. The call for projects resulted in \$2.8 million of funding. As of March 2012, local agencies had awarded contracts for \$1.5 million of the funding.

### Freeway Mitigation Program (Part of the Freeway Program of Projects A-M)

Contact: Dan Phu (714) 560-5907

The EOC is charged with making funding recommendations to the Board on the M2 Freeway Mitigation Program and to monitor the implementation of a master agreement between OCTA and state and federal resources agencies (Part of Projects A – M). The master agreement, which was approved by the OCTA Board in January 2010, provides 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

The EOC endorsed staff's recommendation to fund a suite of the second round of restoration projects at the March 21 meeting. These projects will involve the removal of

invasive plant species (including weeds, shrubs, and trees) that are not native to the area. The presence of these invasive species threatens the habitat upon which southern California's native wildlife depends. Most of these restoration projects also include the installation of native plants to help the site return to its pre-existing natural conditions. In addition to the focus on funding restoration projects that meet the needs of the state and federal resources agencies, there is an added focus on meeting the needs of the regional water quality control boards and Army Corps of Engineers to satisfy the state and federal clean water act permits. Approximately \$5 million is available for this round of funding.

#### Acquisition Update

To date, OCTA has acquired approximately 950 acres of open space property in the Trabuco Canyon area and in Brea. From the original \$42 million allocated for the purchase of open space, approximately \$8.5 million (inclusive of the long-term management cost) remains for additional acquisitions, and the funds are expected to be allocated within the next several months. Since the remaining Group 1 (high biological value) properties' appraisals are over a year old, updates to the appraisals are needed to determine if values have changed. Upon completion of the appraisal updates of the remaining Group 1 properties, staff will engage the EOC in determining which properties should receive offers using the remaining funds.

### **Financing**

Contact: Sean Murdock (714) 560-5685

Sales tax receipts continue to exceed the amount assumed for the current budget. Sales tax receipts from the State Board of Equalization for the period increased 6.37 percent from the same period last year, which exceeds the 5.4 percent growth rate assumed for the budget. The sustained positive growth in revenue has increased the revenue forecast for the life of the M2 Program from a low of \$13.7 billion to the current estimate of \$15.6 billion.

### **Program Management Office**

Contact: Tami Warren (714) 560-5590

The M2 Program Management Office (PMO) provides interdivisional coordination. A committee made up of Executive Directors and key staff from each of the Divisions meets every two weeks to review key issues and activities within the Measure M Program.

In the first quarter, the focus of the PMO has been on several key items. These include:

On February 27, 2012, OCTA held an M2 workshop with the Board and provided a summary on the progress of the M2 Program projects. Additionally, staff presented an M2020 plan of options to the Board for expediting delivery of freeway projects and proposed financing options for the I-405 (Project K). Staff is responding to Board Member

questions from the presentation and developing a recommended M2020 Plan for Board consideration.

An RFP was released for the 2009-2012 Triennial Performance Assessment to assess OCTA's performance to date on the delivery of M2. Due to insufficient response, the scope of work was modified and the RFP was reissued. Assuming OCTA receives quality proposals from qualified firms, we are on track to have a consultant on board by early July 2012.

The PMO demonstrated the SharePoint test site for the M2 Program Committee. After months of staff work, the SharePoint site appears to have the necessary capabilities and features to provide a user-friendly, intuitive, and controlled way of saving files using a comprehensive and consistent filing approach. The site is designed to provide a unified approach to saving Measure M project and program files. A test pilot program of the site is currently underway, with key staff members from each Division participating. The test program is designed to work out any issues and make improvements to the site prior to official rollout. Assuming all goes as planned, the official rollout will take place next quarter.

The PMO is reviewing and fine-tuning the Ordinance matrix created as a tool to identify all key compliance requirements for tracking purposes. The next step is to circulate the matrix to each Division for their review and acceptance, which will take place next quarter.



**ORANGE COUNTY TRANSPORTATION AUTHORITY**

**Measure M2 Progress Report for January 2012 Through  
March 2012**

**Attachment B**

**Capital Action Plan**

Status Thru March 2012

Updated: April 24, 2012

Capital Projects	Cost		Schedule															
	Budget/Forecast		Plan/Forecast															
	(millions)		Begin Environmental	FY 12 Environmental	Complete Environmental	FY 12	Begin Design	FY 12	Complete Design	FY 12	Construction Ready	FY 12	Advertise Construction	FY 12	Award Contract	FY 12	Complete Construction	FY 12
<b>Freeway Projects:</b>																		
I-5, Pico to Vista Hermosa Project C	\$113.0		Jun-09	Q2	Dec-11	Jun-11	Jun-11	Oct-13	Feb-14	Oct-14	Jan-15	Feb-18						
I-5, Vista Hermosa to Pacific Coast Highway Project C	\$13.0		Jun-09	Q2	Oct-11	Jun-11	Jun-11	Oct-13	Feb-14	May-14	Aug-14	Aug-17						
I-5, Pacific Coast Highway to San Juan Creek Road Project C	\$75.6		Jun-09	Q2	Dec-11	Jun-11	Jun-11	Feb-13	Jun-13	Oct-13	Dec-13	Jan-16						
I-5, I-5/Ortega Interchange Project D	\$70.7		Jun-09	Q2	Oct-11	Jun-11	Jun-11	Jan-13	May-13	Aug-13	Oct-13	Nov-15						
I-5, Avenida Vaquero Soundwall	\$90.9		Sep-05	Jun-09	Jun-09	Jan-09	Nov-11	Nov-11	Mar-12	Jun-12	Aug-12	Nov-14						
I-5, El Camino Real Soundwall	\$3.0		N/A	N/A	N/A	Feb-08	Feb-08	Mar-09	Mar-09	Aug-10	Nov-10	Oct-11						
I-5, SR-73 to El Toro Road	\$5.3		N/A	N/A	N/A	Jan-08	Jan-08	Jan-09	Apr-09	Aug-10	Nov-10	Oct-11						
I-5, SR-91 to Los Angeles (LA) County Line	\$4.9		N/A	N/A	N/A	Jan-08	Jan-08	Jan-09	Mar-09	Aug-10	Nov-10	Feb-12						
I-5, SR-91 to LA County Line (Landscape)	TBD		Sep-11	Q1	Jun-14	TBD	TBD	TBD	TBD	TBD	TBD	TBD						
I-5, SR-55 to SR-57	\$558.7		Oct-11	Q2	Jun-14	Jun-14	Jun-14	Aug-17	Jan-18	Mar-18	Jun-18	Jun-22						
I-5, SR-22, Additional Soundwalls	TBD		Jul-11		Jun-13	TBD	TBD	TBD	TBD	TBD	TBD	TBD						
I-5, SR-91 to LA County Line (Landscape)	\$46.4		Jun-11		Jun-13	Jul-13	Jul-13	Mar-15	Jul-15	Aug-15	Nov-15	Nov-17						
I-5, Continuous High-Occupancy Vehicle (HOV) Lane Access	\$334.1		N/A		Dec-99	Sep-99	Jun-04	Jun-04	Dec-04	Jan-05	Apr-05	Mar-11						
SR-22, Additional Soundwalls	\$326.5		N/A		Dec-99	Sep-99	Jul-05	Jul-05	Dec-05	Aug-05	Apr-06	Jan-11						
SR-55, Continuous HOV Lane Access	\$1.7		N/A		N/A	Jan-08	Jan-08	Jul-10	Sep-10	Nov-10	Feb-11	Apr-12						
SR-55, I-405 to I-5	TBD		Jul-11	Q1	Mar-12	Feb-12	Q3	Jan-13	Apr-13	May-13	Aug-13	Dec-13						
Project F	\$7.7		Aug-11	Q1	Sep-12	Mar-12	Q3	Jan-13	Apr-13	May-13	Aug-13	Dec-13						
Project G	\$4.0		N/A		N/A	Mar-08	Mar-08	Jan-09	Mar-09	Apr-09	Jun-09	Mar-11						
Project H	\$3.2		N/A		N/A	Mar-08	Mar-08	Jun-09	Nov-09	Dec-09	Apr-10	Mar-11						
Project I	\$1.5		May-10		Aug-10	May-10	Oct-10	Oct-10	Dec-10	Dec-10	Feb-11	Jun-11						
Project J	\$1.1		May-10		Oct-10	May-10	Oct-10	Oct-10	Dec-10	Dec-10	Feb-11	Jun-11						
Project K	TBD		Feb-11		Nov-13	TBD	TBD	TBD	TBD	TBD	TBD	TBD						
Project L	\$274.9		May-11		Feb-14	Feb-14	Dec-16	Dec-16	Jun-17	Aug-17	Oct-17	Nov-20						
Project M	\$78.7		Apr-08		Jul-09	Jul-08	Nov-10	Nov-10	Mar-11	May-11	Aug-11	Sep-14						
Project N	\$37.7		Apr-08		Nov-09	Aug-08	Dec-10	Dec-10	Apr-11	Jul-11	Oct-11	Sep-14						
Project O	\$80.2		Aug-05		Dec-07	Feb-08	Dec-09	Dec-09	Apr-10	Jun-10	Oct-10	Sep-14						
Project P	\$57.5		Aug-05		Dec-07	Feb-08	Dec-09	Dec-09	Apr-10	Jun-10	Oct-10	Sep-14						
Project Q	\$79.3		Aug-05		Dec-07	Feb-08	Dec-09	Dec-09	Apr-10	Jun-10	Oct-10	Sep-14						
Project R	\$56.5		Aug-05		Dec-07	Feb-08	Dec-09	Dec-09	Apr-10	Jun-10	Oct-10	Sep-14						
Project S	\$78.1		Jul-07		Apr-10	Oct-09	Feb-12	Feb-12	Jul-12	Aug-12	Nov-12	Nov-15						
Project T	\$72.8		Jul-07		Jun-10	Mar-10	Apr-12	Apr-12	Jul-12	Sep-12	Nov-12	Nov-15						
Project U	\$49.9		Jul-08		Jul-11	Jul-11	Mar-13	Mar-13	Jul-13	Aug-13	Oct-13	May-15						
Project V	\$49.9		Jul-08		May-11	Jun-11	Mar-13	Mar-13	Jul-13	Aug-13	Oct-13	May-15						

# Capital Action Plan

Status Thru March 2012

Updated: April 24, 2012

Capital Projects	Cost		Schedule															
	Budget/Forecast		Plan/Forecast															
	(millions)		Begin Environmental	FY 12 Environmental	Complete Environmental	FY 12	Begin Design	FY 12 Design	Complete Design	FY 12	FY Construction Ready	FY 12	Advise 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	Jul-09		Jun-09	Jan-11	Apr-11	Jun-11	Apr-11	Jun-11	Jun-11	Sep-11	Sep-11	Dec-12	Dec-12	
SR-91 Eastbound, SR-241 to SR-71 Project J	\$85.2		Jul-07	Apr-09	Dec-07		Jul-07	Dec-08	Mar-09	May-09	May-09	May-09	May-09	Jul-09	Jul-09	Nov-10	Nov-10	
I-405, Continuous HOV Lane Access	\$58.2		Mar-05	Dec-07	Dec-07		Jul-07	Dec-08	May-09	May-09	May-09	May-09	Jun-09	Aug-09	Aug-09	Jan-11	Jan-11	
I-405, SR-55 to I-605 (Design-Build) Project K	TBD		Jul-11	Apr-12	Jun-12	Q4	Mar-12	Jan-13	Apr-13	Apr-13	Apr-13	May-13	May-13	Aug-13	Aug-13	Nov-13	Nov-13	
I-405/SR-22 HOV Connector	\$3.5		Aug-11	Jun-12	Jun-12	Q1	Mar-12	Jan-13	Apr-13	Apr-13	Apr-13	May-13	May-13	Aug-13	Aug-13	Nov-13	Nov-13	
I-405/I-605 HOV Connector	TBD		Mar-09	Mar-13	Mar-13		TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	
I-405/SR-22 HOV Connector	\$1,714.5		Mar-09	Aug-13	Aug-13		Feb-13	Mar-14	Jun-14	Jun-14	Jun-14	Jun-14	Jun-14	Feb-15	Feb-15	Mar-19	Mar-19	
I-405/SR-22 HOV Connector	\$195.9		N/A	N/A	N/A		Sep-07	Sep-09	Mar-10	Mar-10	Mar-10	Mar-10	May-10	Aug-10	Aug-10	Aug-14	Aug-14	
I-405/SR-22 HOV Connector	\$120.9		N/A	N/A	N/A		Sep-07	Jun-09	Sep-09	Sep-09	Sep-09	Sep-09	Feb-10	Jun-10	Jun-10	Aug-14	Aug-14	
I-405/I-605 HOV Connector	\$250.4		N/A	N/A	N/A		Sep-07	Sep-09	Mar-10	Mar-10	Mar-10	Mar-10	May-10	Oct-10	Oct-10	Jan-15	Jan-15	
I-405/I-605 HOV Connector	\$169.6		N/A	N/A	N/A		Sep-07	Sep-09	Feb-10	Feb-10	Feb-10	Feb-10	May-10	Oct-10	Oct-10	Jan-15	Jan-15	
<b>Grade Separation Projects:</b>																		
Sand Canyon Grade Separation Project R	\$55.6		N/A	Sep-03	Sep-03		Jan-04	Jul-10	Jul-10	Jul-10	Jul-10	Jul-10	Oct-10	Feb-11	Feb-11	May-14	May-14	
Raymond Grade Separation Project O	\$77.2		Feb-09	Nov-09	Nov-09		Mar-10	Aug-12	Nov-12	Nov-12	Nov-12	Nov-12	Feb-13	May-13	May-13	Mar-16	Mar-16	
State College Grade Separation Project O	\$78.2		Feb-09	Nov-09	Nov-09		Mar-10	Aug-12	Nov-12	Nov-12	Nov-12	Nov-12	Feb-13	May-13	May-13	Mar-16	Mar-16	
Placenta Grade Separation Project O	\$73.6		Dec-08	Jan-11	Jan-11		Jul-06	Aug-12	Nov-12	Nov-12	Nov-12	Nov-12	Feb-13	May-13	May-13	Mar-16	Mar-16	
Placenta Grade Separation Project O	\$74.6		Dec-08	Apr-11	Apr-11		Jul-06	Oct-12	Nov-12	Nov-12	Nov-12	Nov-12	Mar-13	Jun-13	Jun-13	Apr-16	Apr-16	
Kraemer Grade Separation Project O	\$78.2		Jan-01	May-01	May-01		Jan-09	Mar-10	May-10	May-10	May-10	May-10	Mar-11	Jun-11	Jun-11	Nov-14	Nov-14	
Kraemer Grade Separation Project O	\$67.3		Jan-01	May-01	May-01		Jan-09	Jun-10	Jan-11	Jan-11	Jan-11	Jan-11	Mar-11	Jul-11	Jul-11	Nov-14	Nov-14	
Kraemer Grade Separation Project O	\$70.4		Jan-01	Sep-09	Sep-09		Jan-09	Jul-10	Jan-11	Jan-11	Jan-11	Jan-11	Mar-11	Jul-11	Jul-11	Nov-14	Nov-14	
Kraemer Grade Separation Project O	\$67.8		Jan-01	Sep-09	Sep-09		Jan-09	Jul-10	Jan-11	Jan-11	Jan-11	Jan-11	Mar-11	Jul-11	Jul-11	Nov-14	Nov-14	
Orangethorpe Grade Separation Project O	\$117.4		Jan-01	Sep-09	Sep-09		Feb-09	Dec-11	Dec-11	Dec-11	Dec-11	Dec-11	Feb-12	May-12	May-12	Oct-14	Oct-14	
Orangethorpe Grade Separation Project O	\$114.9		Jan-01	Sep-09	Sep-09		Feb-09	Oct-11	Apr-12	Apr-12	Apr-12	Apr-12	Jun-12	Sep-12	Sep-12	Jul-15	Jul-15	
Tustin/Rose Grade Separation Project O	\$103.0		Jan-01	Sep-09	Sep-09		Feb-09	Dec-11	Dec-11	Dec-11	Dec-11	Dec-11	Feb-12	May-12	May-12	Oct-14	Oct-14	
Tustin/Rose Grade Separation Project O	\$91.3		Jan-01	Sep-09	Sep-09		Feb-09	Jul-11	May-12	May-12	May-12	May-12	Jul-12	Oct-12	Oct-12	May-15	May-15	
Lakeview Grade Separation Project O	\$70.2		Jan-01	Sep-09	Sep-09		Feb-09	Oct-11	Oct-12	Oct-12	Oct-12	Oct-12	Feb-13	May-13	May-13	Sep-15	Sep-15	
Lakeview Grade Separation Project O	\$95.5		Jan-01	Sep-09	Sep-09		Feb-09	Oct-12	Feb-13	Feb-13	Feb-13	Feb-13	Apr-13	Aug-13	Aug-13	Jan-16	Jan-16	
<b>Rail and Station Projects:</b>																		
Rail-Highway Grade Crossing Safety Enhancement Project R	\$94.4		Jan-08	Oct-08	Oct-08		Jan-08	Sep-08	Sep-08	Sep-08	Sep-08	Sep-08	Sep-08	Aug-09	Aug-09	Dec-11	Dec-11	Q2
Rail-Highway Grade Crossing Safety Enhancement Project R	\$94.4		Jan-08	Oct-08	Oct-08		Jan-08	Sep-08	Sep-08	Sep-08	Sep-08	Sep-08	Sep-08	Aug-09	Aug-09	Dec-11	Dec-11	Q2
Metrolink Service Expansion Program	\$134.0		May-07	Apr-08	Apr-08		Jul-07	Mar-09	Mar-09	Mar-09	Mar-09	Mar-09	Sep-08	Mar-09	Mar-09	Oct-11	Oct-11	Q2
Metrolink Service Expansion Program	\$134.0		May-07	Apr-08	Apr-08		Jul-07	Mar-09	Mar-09	Mar-09	Mar-09	Mar-09	Sep-08	Mar-09	Mar-09	Oct-11	Oct-11	Q2
Anaheim Rapid Connection Project S	TBD		Jan-09	Oct-14	Oct-14		TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Anaheim Rapid Connection Project S	\$676.0		Jan-09	Nov-14	Nov-14	Q3	Jun-13	May-14	May-15	May-15	May-15	May-15	Apr-14	May-15	May-15	Aug-18	Aug-18	
Santa Ana/Garden Grove Fixed Guideway Project S	TBD		Aug-09	Mar-12	Mar-12	Q3	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Santa Ana/Garden Grove Fixed Guideway Project S	\$252.0		Aug-09	Mar-13	Mar-13		Sep-13	Oct-15	Jan-16	Jan-16	Jan-16	Jan-16	Jan-16	Apr-16	Apr-16	May-18	May-18	

# Capital Action Plan

Status Thru March 2012

Updated: April 24, 2012

Capital Projects	Cost		Schedule															
	Budget/Forecast		Plan/Forecast															
	(millions)		Begin Environmental	FY 11	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
Placentia Metrolink Station & Parking Structure	TBD		Jan-03		May-07		Oct-08		Jan-11		Jan-12	Q3	Aug-12		Nov-12		Jan-15	
Orange Station Parking Expansion	TBD		Jan-03		May-07		Oct-08		Feb-11		Aug-12		Aug-12		Nov-12		Jan-15	
Tustin Station Parking Expansion	TBD		Dec-09		May-12	Q4	Nov-10		Apr-13		TBD		TBD		TBD		Nov-14	
Fullerton Station Parking Expansion	\$17.6		Dec-09		Nov-07		Nov-10		Apr-13		Mar-10		Apr-10		Aug-10		Sep-11	
Anaheim Regional Transportation Intermodal Center	\$15.7		Apr-07		Nov-07		Apr-09		May-10		May-10		Jun-10		Aug-10		Sep-11	
Project R & T	\$42.0		Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10		Apr-12	
LOSSAN Fiber Optic Communications	\$31.4		Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10		May-12	
Tustin Station Video Surveillance System (VSS) (Design-Furnish-Install)	\$227.4		Apr-09	Q1	Feb-11	Q3	Jun-09		Feb-12	Q3	Dec-11	Q2	May-11 (1)		Jul-11	Q1	Sep-14	
Santa Ana Station VSS (Design-Furnish-Install)	\$227.4		Apr-09	Q3	Feb-12		Jun-09		May-12		May-12		May-12		Aug-12		Oct-14	
Fullerton Station VSS (Design-Furnish-Install)	\$24.6		N/A		N/A		Oct-07		Mar-10		Mar-10		Apr-10		Dec-10		Aug-12	
	\$24.6		N/A		N/A		Oct-07		Sep-10		Sep-10		Oct-10		Dec-10		Sep-12	
	\$0.8		N/A		N/A		Mar-11		Jun-11		Jun-11		N/A		N/A		Oct-11	
	\$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	
	\$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		Aug-11	Q1	N/A		N/A		Jun-12	
	\$0.8		N/A		N/A		Jun-11		Aug-11		Aug-11	Q1	N/A		N/A		Jun-12	

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.  
**Advertise for Construction:** The date a construction contract is awarded.  
**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





**ORANGE COUNTY TRANSPORTATION AUTHORITY**

**Measure M2 Progress Report for January 2012 Through  
March 2012**

**Attachment C**

DRAFT 2/20/2012

Schedule 1

**Measure M2**  
**Schedule of Revenues, Expenditures and Changes in Fund Balance**  
**as of December 31, 2011**  
**(Unaudited)**

(\$ in thousands)	Quarter Ended Dec 31, 2011	Year to Date Dec 31, 2011 (A)	Period from Inception to Dec 31, 2011 (B)
<b>Revenues:</b>			
Sales taxes	\$ 66,463	\$ 122,660	\$ 183,781
Other agencies share of Measure M2 costs:			
Project related	22,252	22,955	37,115
Interest:			
Operating:			
Non-project related	66	19	(44)
Bond proceeds	13	4,175	6,422
Debt service	1	3	10
Commercial paper	-	-	393
Right-of-way leases	101	130	130
Miscellaneous	69	74	74
Total revenues	<u>88,965</u>	<u>150,016</u>	<u>227,881</u>
<b>Expenditures:</b>			
Supplies and services:			
State Board of Equalization (SBOE) fees	635	1,271	1,907
Professional services:			
Project related	8,517	8,709	99,333
Non-project related	23	138	4,616
Administration costs:			
Project related	1,204	2,162	10,376
Non-project related	994	2,235	13,840
Other:			
Project related	212	217	372
Non-project related	6	4	3,267
Payments to local agencies:			
Project related	14,406	20,519	86,793
Non-project related	-	-	-
Capital outlay:			
Project related	15,900	25,559	74,970
Non-project related	5	5	31
Debt service:			
Interest on long-term debt and commercial paper	(1)	11,262	15,951
Total expenditures	<u>41,901</u>	<u>72,081</u>	<u>311,456</u>
Excess (deficiency) of revenues over (under) expenditures	<u>47,064</u>	<u>77,935</u>	<u>(83,575)</u>
<b>Other financing sources (uses):</b>			
Transfers out:			
Project related	(422)	(817)	(1,194)
Transfers in:			
Project related	11,997	1,955	25,654
Bond proceeds	-	-	358,593
Total other financing sources (uses)	<u>11,575</u>	<u>1,138</u>	<u>383,053</u>
Excess (deficiency) of revenues over (under) expenditures and other sources (uses)	<u>\$ 58,639</u>	<u>\$ 79,073</u>	<u>\$ 299,478</u>

**Measure M2**  
**Schedule of Calculations of Net Tax Revenues and Net Bond Revenues (Debt Service)**  
**as of December 31, 2011**  
**(Unaudited)**

<i>(\$ in thousands)</i>	Quarter Ended Dec 31, 2011 (actual)	Year Ended Dec 31, 2011 (actual)	Period from Inception through Dec 31, 2011 (actual)	Period from January 1, 2012 through March 31, 2041 (forecast)	Total
	(C.1)	(C.1)	(D.1)	(E.1)	(F.1)
<b>Tax revenues:</b>					
Sales taxes	\$ 66,463	\$ 122,660	\$ 183,781	\$ 15,341,126	\$ 15,524,907
Operating interest	66	19	(44)	364,931	364,887
Subtotal	<u>66,529</u>	<u>122,679</u>	<u>183,737</u>	<u>15,706,058</u>	<u>15,889,795</u>
Miscellaneous	69	74	74	-	74
Total tax revenues	<u>66,598</u>	<u>122,753</u>	<u>183,811</u>	<u>15,706,058</u>	<u>15,889,869</u>
<b>Administrative expenditures:</b>					
SBOE fees	635	1,271	1,907	230,209	232,116
Professional services, non-project related	(4)	96	1,913	104,303	106,216
Administration costs, non-project related	994	2,235	13,840	146,507	160,347
Operating transfer out, non-project related	-	-	-	21,474	21,474
Other, non-project related	6	4	3,267	27,610	30,877
Capital outlay, non-project related	5	5	31	-	31
Environmental cleanup	347	478	2,060	314,121	316,181
	<u>1,983</u>	<u>4,089</u>	<u>23,018</u>	<u>844,223</u>	<u>867,241</u>
Net tax revenues	<u>\$ 64,615</u>	<u>\$ 118,664</u>	<u>\$ 160,793</u>	<u>\$ 14,861,834</u>	<u>\$ 15,022,627</u>
<b>Bond revenues:</b>					
Proceeds from issuance of bonds	\$ -	\$ -	\$ 358,593	\$ 740,000	\$ 1,098,593
Interest revenue from bond proceeds	13	4,175	6,422	54,700	61,122
Interest revenue from debt service funds	1	3	10	36,181	36,191
Interest revenue from commercial paper	-	-	393	-	393
Total bond revenues	<u>14</u>	<u>4,178</u>	<u>365,418</u>	<u>830,881</u>	<u>1,196,299</u>
<b>Financing expenditures and uses:</b>					
Professional services, non-project related	27	42	2,703	-	2,703
Bond debt principal	-	-	-	1,092,570	1,092,570
Bond debt and other interest expense	(1)	11,262	15,951	1,009,859	1,025,810
Total financing expenditures and uses	<u>26</u>	<u>11,304</u>	<u>18,654</u>	<u>2,102,429</u>	<u>2,121,083</u>
Net bond revenues (debt service)	<u>\$ (12)</u>	<u>\$ (7,126)</u>	<u>\$ 346,764</u>	<u>\$ (1,271,548)</u>	<u>\$ (924,784)</u>

**Measure M2**  
**Schedule of Revenues and Expenditures Summary**  
 as of December 31, 2011  
 (Unaudited)

Project Description (G)	Net Tax Revenues Program to date Actual (H)	Total Net Tax Revenues (I)	Project Budget (J)	Estimate at Completion (K)	Variance (L)		Expenditures through Dec 31, 2011 (N)	Reimbursements through Dec 31, 2011 (O)	Net Project Cost (P)	Percent of Budget Expended (Q)
					Total Net Tax Revenues to Est at Completion (L)	Project Budget to Est at Completion (M)				
(\$ in thousands)										
<b>Freeways (43% of Net Tax Revenues)</b>										
A I-5 Santa Ana Freeway Interchange Improvements	\$ 6,338	\$ 582,118	\$ 592,098	\$ 592,098	\$ -	\$ 20	\$ 256	\$ -	\$ 256	0.0%
B,C,D I-5 Santa Ana/San Diego Freeway Improvements	15,981	1,493,094	1,320,282	1,320,282	172,812	1	11,755	36	11,719	0.9%
E SR-22 Garden Grove Freeway Access Improvements	1,618	151,179	151,178	151,178	1	338	3	-	3	0.0%
F SR-55 Costa Mesa Freeway Improvements	4,935	461,097	460,759	460,759	338	17,900	1,325	-	1,325	0.3%
G SR-57 Orange Freeway Improvements	3,489	325,964	308,064	308,064	17,900	3,410	25,905	2,515	23,390	7.6%
H,I,J SR-91 Riverside Freeway Improvements	19,977	1,866,401	1,862,991	1,862,991	3,410	421,986	14,865	5,306	9,559	0.5%
K,L I-405 San Diego Freeway Improvements	11,053	1,032,660	610,674	610,674	421,986	-	12,435	590	11,845	1.9%
M I-605 Freeway Access Improvements	270	25,197	25,197	25,197	-	-	-	-	-	0.0%
N All Freeway Service Patrol	2,023	188,974	188,974	188,974	-	-	-	-	-	0.0%
Freeway Mitigation	3,458	323,046	278,880	278,880	44,166	-	26,426	-	26,426	9.5%
Subtotal Projects	69,142	6,459,730	5,799,097	5,799,097	660,633	660,633	92,970	8,447	84,523	
Net (Bond Revenue)/Debt Service	-	-	660,633	660,633	(660,633)	-	5,203	-	5,203	
<b>Total Freeways</b>	<b>\$ 69,142</b>	<b>\$ 6,459,730</b>	<b>\$ 6,459,730</b>	<b>\$ 6,459,730</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 99,173</b>	<b>\$ 8,447</b>	<b>\$ 89,726</b>	<b>40.8%</b>
<b>Street and Roads Projects (32% of Net Tax Revenues)</b>										
O Regional Capacity Program	\$ 16,080	\$ 1,502,281	\$ 1,366,320	\$ 1,366,320	\$ 135,961	\$ -	\$ 69,610	\$ 12,622	\$ 56,988	4.2%
P Regional Traffic Signal Synchronization Program	6,431	600,886	600,739	600,739	147	469	-	-	469	0.1%
Q Local Fair Share Program	28,943	2,704,073	2,704,073	2,704,073	-	-	15,391	-	15,391	0.6%
Subtotal Projects	51,454	4,807,240	4,671,132	4,671,132	136,108	136,108	85,470	12,622	72,848	
Net (Bond Revenue)/Debt Service	-	-	136,108	136,108	(136,108)	-	3,537	-	3,537	
<b>Total Street and Roads Projects</b>	<b>\$ 51,454</b>	<b>\$ 4,807,240</b>	<b>\$ 4,807,240</b>	<b>\$ 4,807,240</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 89,007</b>	<b>\$ 12,622</b>	<b>\$ 76,385</b>	<b>34.8%</b>

Measure M2  
 Schedule of Revenues and Expenditures Summary  
 as of December 31, 2011  
 (Unaudited)

Project Description (G)	Net Tax Revenues		Total Net Tax Revenues (I)	Project Budget (J)	Estimate at Completion (K)	Variance		Expenditures through Dec 31, 2011 (N)	Reimbursements through Dec 31, 2011 (O)	Net Project Cost (P)	Percent of Budget Expended (Q)
	Actual Program to date (H)	Program to date (I)				Total Net Tax Revenues to Est at Completion (L)	Project Budget to Est at Completion (M)				
<b>Transit Projects (25% of Net Tax Revenues)</b>											
R	\$ 14,394	\$ 1,344,848	\$ 1,344,848	\$ 1,293,265	\$ 1,293,265	\$ 51,583	\$ -	\$ 89,885	\$ 41,830	\$ 48,055	3.7%
S	14,194	1,326,150	1,326,150	1,317,796	1,317,796	8,354	-	75	-	75	0.0%
T	3,216	300,506	300,506	233,735	233,735	66,771	-	2	-	2	0.0%
U											
U	4,823	450,626	450,626	450,626	450,626	-	-	2,576	-	2,576	0.6%
V	3,215	300,373	300,373	300,373	300,373	-	-	-	-	-	0.0%
W	355	33,154	33,154	33,154	33,154	-	-	-	-	-	0.0%
	40,197	3,755,657	3,755,657	3,628,949	3,628,949	126,708	-	92,538	41,830	50,708	
	-	-	-	126,708	126,708	(126,708)	-	2,963	-	2,963	
Net (Bond Revenue)/Debt Service											
<b>Total Transit Projects</b>	<b>\$ 40,197</b>	<b>\$ 3,755,657</b>	<b>\$ 3,755,657</b>	<b>\$ 3,755,657</b>	<b>\$ 3,755,657</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 95,501</b>	<b>\$ 41,830</b>	<b>\$ 53,671</b>	<b>24.4%</b>
<b>Measure M2 Program</b>											
	<b>\$ 160,793</b>	<b>\$ 15,022,627</b>	<b>\$ 15,022,627</b>	<b>\$ 15,022,627</b>	<b>\$ 15,022,627</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 282,681</b>	<b>\$ 62,899</b>	<b>\$ 219,782</b>	

25.0%

Measure M2  
 Schedule of Revenues and Expenditures Summary  
 as of December 31, 2011  
 (Unaudited)

Project Description	Revenues Program to date Actual (H,1)	Total Revenues (I,1)	Project Budget (J)	Estimate at Completion (K)	Variance (L)		Expenditures through Dec 31, 2011 (N)	Reimbursements through Dec 31, 2011 (O)	Net Project Cost (P)	Percent of Budget Expended (Q)
					Total Revenues to Est at Completion	Project Budget to Est at Completion				
(\$ in thousands)										
<b>Environmental Cleanup (2% of Revenues)</b>										
X Clean Up Highway and Street Runoff that Pollutes Beaches	\$ 3,676	\$ 317,797	\$ 316,462	\$ 316,462	\$ 1,335	\$ -	\$ 2,060	\$ -	\$ 2,060	0.7%
Net (Bond Revenue)/Debt Service	-	-	1,335	1,335	(1,335)	-	127	-	127	
<b>Total Environmental Cleanup %</b>	<b>\$ 3,676</b>	<b>\$ 317,797</b>	<b>\$ 317,797</b>	<b>\$ 317,797</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,187</b>	<b>\$ -</b>	<b>\$ 2,187</b>	<b>1.2%</b>
<b>Taxpayer Safeguards and Audits</b>										
Collect Sales Taxes (1.5% of Sales Taxes) %	\$ 2,757	\$ 232,874	\$ 232,874	\$ 232,874	\$ -	\$ -	\$ 1,907	\$ -	\$ 1,907	0.8%
Oversight and Annual Audits (1% of Revenues) %	\$ 1,838	\$ 158,899	\$ 158,899	\$ 158,899	\$ -	\$ -	\$ 5,298	\$ 4,333	\$ 965	0.6%