



**August 27, 2012**

**To:** Members of the Board of Directors  
**From:** Will Kempton, Chief Executive Officer  
**Subject:** Measure M2 Progress Report for April 2012 Through June 2012

**Overview**

Staff has prepared a Measure M2 progress report for the period of April 2012 through June 2012 for review by the Orange County Transportation Authority Board of Directors. Implementation of Measure M2 continues at a fast pace, with progress on all Measure M2 plan elements. This report highlights activities on Measure M2 projects and programs and will be available to the public via the Orange County Transportation Authority website.

**Recommendation**

Receive and file as an information item.

**Background**

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

**Discussion**

This report reflects 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 April 2012 through June 2012. An overview of significant progress is included (Attachment A), along with CAP project status (Attachment B), and a listing of Local Fair Share payments made to cities from inception to June 30, 2012 (Attachment C).

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

Freeway Project Highlights

Construction continues on Project J along State Route 91 (SR-91) between the State Route 55 (SR-55) and State Route 241, and is currently 65 percent complete.

Construction is 55 percent complete on State Route 57 (SR-57) northbound, from Orangethorpe Avenue to Lambert Road, (part of Project G).

The draft environmental impact statement/draft environmental impact report for improvements to Interstate 405 (I-405) between SR-55 and Interstate 605 (Project K) was released on May 18, with public review and comment scheduled through July 17. OCTA outreach efforts during the environmental phase included: 15,500 postcards mailed to residents and businesses within a ¼-mile radius of the project; four public hearings with more than 800 attendees; 25 civic, community, and business presentations; two city council briefings; seven public works staff briefings; as well as advertisements in local papers, eBlasts, social media including Facebook, and postings on the OCTA website. The final environmental document is expected to be complete in spring 2013.

The project study team working on improvements to the Interstate 5 (I-5)/ El Toro Road interchange (Project D) initiated the alternatives analysis and the project study report/project development support (PSR/PDS) preparation, and anticipates a draft PSR/PDS document at the end of next quarter. The study is expected to be completed in early 2013.

OCTA completed alternatives development, traffic analysis, and cost estimates on SR-91 between the SR-55 and the SR-57 as part of the PSR/PDS for Project I.

The project study team initiated the alternatives analysis for the PSR/PDS preparation on the I-405 between the SR-55 and the El Toro "Y" for Project L. This effort will continue into next quarter.

In May 2012, the Board approved a public safety dispatcher position with the California Highway Patrol (CHP) and the addition of two midday and two weekend Freeway Service Patrol (FSP) service beats to be funded with M2. The additional resources will provide motorist assistance on the most congested freeways in the central core of the County from 6:00 a.m. to 7:00 p.m. Monday through Friday. New weekend service is also extended to the most congested

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corridors, including the SR-91, SR-55, State Route 22, and the I-5. This new service will relieve congestion during non-peak commute hours caused by accidents and vehicle break downs. Once the public safety dispatcher position is filled by CHP, a dedicated dispatcher will be available for FSP, maximizing FSP efficiencies and response times.

### Streets and Roads Highlights

With the Regional Capacity Program (Project O) 2012 call for projects complete, staff began the process of preparing for the 2013 call for projects. Adjustments to the Regional Capacity Program guidelines were developed in conjunction with the Technical Steering Committee and Technical Advisory Committee during June 2012.

The grade separation program (part of Project O) continues on schedule. This quarter, construction continues on the Placentia Avenue and Kraemer Boulevard projects. Projects at Orangethorpe Avenue and Tustin Avenue/Rose Drive will be advertised for construction this summer and are expected to start construction this fall. The last three projects at Lakeview Avenue, State College Boulevard, and Raymond Avenue are expected to be under construction during summer 2013.

OCTA awarded \$7.8 million to synchronize an additional 400 signals along 140 miles of Orange County streets and roads as part of Project P. Seventeen projects were awarded funding with 24 local agencies participating in inter-jurisdictional cooperation. All projects were underway or contracted before June 30, 2012.

To date, approximately \$36.7 million in Local Fair Share (Project Q) payments have been provided to local agencies as of the end of the quarter. (Attachment C shows payment totals to date by city.)

### Transit Program Highlights

The Anaheim Regional Transportation Intermodal Center (ARTIC) Project (Project T) 100 percent plans, specifications and estimate were completed in May 2012. On May 29, 2012, the City of Anaheim released the invitation for bids to construct the entire ARTIC Project. The City of Anaheim anticipates contract award for construction of ARTIC on August 21, 2012. During this quarter, OCTA and the City of Anaheim also continued property negotiations for the ARTIC Project.

Project development continued with the two Board-approved Go Local fixed-guideway projects (Project S), one from the City of Anaheim and the

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other from the cities of Garden Grove and Santa Ana. The project team from the City of Anaheim completed its re-assessment of cost-effective alternatives for the Anaheim Rapid Connection Project and added a streetcar alternative back into the projects for consideration. The project team from the cities of Garden Grove and Santa Ana continued to work on completing major milestones for the project including the final Alternatives Analysis Report, as well as the administrative draft of the environmental assessment and environmental impact report.

As part of OCTA's ongoing efforts to ensure Federal Transit Administration (FTA) engagement in project development activities with the cities of Anaheim, Garden Grove, and Santa Ana, OCTA hosted a tour and briefing of the guideway projects for FTA representatives.

Nearly \$2.1 million in M2 Project U funding has been disbursed to 25 cities participating in the Senior Mobility Program through June 2012. Collectively, the cities have provided more than 223,000 trips for seniors traveling to medical appointments, nutrition programs, shopping destinations, and senior and community center activities. In addition, nearly \$2.5 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 Highlights

On May 7, 2012, the OCTA Board approved the Environmental Cleanup Program (Project X) Tier 2 Comprehensive Transportation Funding Program Guidelines and authorized staff to issue the fiscal year 2012-13 call for projects for the Tier 2 Grant Program. The call for projects was issued on June 4, 2012, with approximately \$13.3 million being available for this call.

#### Freeway Mitigation Program Highlights

On May 7, 2012, the OCTA Board took the following actions: approved the M2 Environmental Mitigation Program Revised Restoration Funding Guidelines; approved six restoration projects for funding; and authorized staff to negotiate and execute grant agreements consistent with the funding amounts and revised restoration funding guidelines.

To date, OCTA has acquired approximately 950 acres of open space property in Brea and the Trabuco Canyon area and funded 11 habitat restoration projects, totaling approximately 400 acres.

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Financial Outlook Highlights

Sales tax receipts are above the amount assumed for the current budget. Sales tax receipts from the State Board of Equalization for the period increased 6.87 percent from the same period last year, which is 1.4 percent higher than the budget assumptions. The positive growth in revenue, coupled with updated long-term sales tax growth rate forecasts, has resulted in a revenue forecast for the life of the M2 Program of \$15.5 billion.

Program Management Office Highlights

M2020 Plan Development

Following the February Board workshop, staff continued to define the draft M2020 Plan through additional analysis, including development of proposals for all M2 elements. At the same time, staff has been seeking stakeholder input on plan concepts and has used this input to guide the continued development of the plan proposals. More than 20 presentations have been made to stakeholder agencies seeking input and feedback into the plan development. In June, staff presented an update to the Board that included prepared answers to Board Members questions and a list of risks that need to be considered prior to Board adoption of the final plan. A draft plan is anticipated to go to the Board in August, with the final plan scheduled to go to the Board in September for consideration.

2009-12 M2 Performance Assessment

Proposals were received from interested consulting firms to conduct the second M2 Performance Assessment covering the period between 2009 and 2012. The performance assessment is a requirement in the Ordinance and will assess OCTA's performance to date on the delivery of M2. The evaluation committee met and selected the consultant team of CH2MHill. OCTA is on schedule to initiate the study, with a notice to proceed in July 2012.

M2 Document Management

The M2 Document Center site is designed to provide a unified approach to saving Measure M project and program files. During the quarter, a test pilot group was created for the M2 document center, and the users provided valuable insight on elements needed to be incorporated prior to agency-wide roll out. The site includes the necessary capabilities and features to provide a user-friendly, intuitive, and controlled way of saving files using a comprehensive and consistent filing approach.

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**Summary**

As required by M2 Ordinance No. 3, a quarterly report covering activities from April 2012 through June 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**

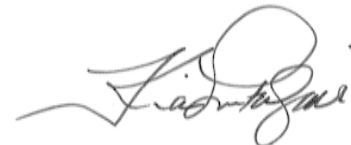
- A. Measure M2 Quarterly Project Report Summary – April Through June 2012
- B. Capital Action Plan – Status Through June 2012
- C. Measure M2 Local Fair Share Program Payments – Q2 and Inception to Date

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## **Measure M2 Quarterly Project Report Summary April Through June 2012**

The following is a summary of the progress made on the Measure M2 (M2) Early Action Plan projects covering the second quarter, April - June of 2012.

### **Freeway Projects**

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

##### **Project A**

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* I-5 Between State Route 55 (SR-55) and State Route 57 (SR-57)

*Status:* Environmental Study Underway

*Summary:* This quarter, the Orange County Transportation Authority (OCTA) continued conducting an environmental study to add lanes to the I-5 between the SR-55 and the SR-57 in Santa Ana. The study will evaluate options to add capacity to the existing high-occupancy vehicle lanes and improve traffic circulation within the I-5/SR-55 interchange. The study is expected to be complete in late 2013.

##### **Part of Project C**

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* I-5 Between State Route 73 (SR-73) and El Toro Road

*Status:* Environmental Study Underway

*Summary:* An environmental study continued during the quarter for improvements along the I-5 between the SR-73 and El Toro Road in the cities of Lake Forest, Laguna Hills, and Mission Viejo. The study is evaluating lane additions and interchange improvements to improve traffic flow 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**

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* I-5 Between Avenida Pico and San Juan Creek Road

*Status:* Final Design Underway

*Summary:* OCTA began the final design during the quarter for improvements along the I-5 between Avenida Pico and San Juan Creek Road in the cities of San Clemente, Dana Point, and San Juan Capistrano. Final design is expected to be complete by mid-2014.

##### **Part of Project D**

*Contact:* Planning -- Dan Phu (714) 560-5907

*Segment:* I-5/El Toro Road Interchange

*Status:* Project Study Report (PSR) Underway

*Summary:* This quarter, the project study team (PST), consisting of staff from OCTA and the cities of Laguna Hills, Lake Forest, and Laguna Woods, identified four alternatives to update and improve the I-5/El Toro Road interchange in the cities of Laguna Hills and Lake Forest that include new off-ramps providing direct access to eastbound El Toro Road, new on/off ramps at Avenida de Carlota, and on/off ramps at the Los Alisos interchange. The PST initiated the alternatives analysis and the PSR/Project Development Support (PDS) preparation, and anticipates a draft PSR/PDS document at the end of next quarter. The study is expected to be completed in early 2013.

#### Part of Project D

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* I-5/ State Route 74 (SR-74) Interchange

*Status:* Construction Bidding Phase

*Summary:* The California Department of Transportation (Caltrans) completed the final design for the reconstruction of the interchange at SR-74 in San Juan Capistrano during the quarter. 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. The project construction contract was advertised on June 4, 2012, and bid opening is scheduled for August 2, 2012. Construction is expected to start in October 2012.

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

##### Project F

*Contact:* Planning -- Dan Phu (714) 560-5907

*Segment:* SR-55 between I-5 and State Route 22 (SR-22)

*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 selected the consultant for the preparation of the PSR document and to kick off of the project in June 2012. The study is anticipated to be complete in approximately 18 months.

##### Part of Project F

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* SR-55 Between Interstate 405 (I-405) and the I-5

*Status:* Environmental Study Underway

*Summary:* During this quarter, OCTA continued the environmental study to increase capacity on SR-55 in the cities of Irvine, Santa Ana, and Tustin. The study will evaluate the addition of mixed-flow lanes, carpool lanes, and auxiliary lanes. The study is expected to be complete in early 2014.



## **SR-57 Projects**

### Part of Project G

*Contact:* Planning -- Dan Phu (714) 560-5907

*Segment:* SR-57 from Orangewood Avenue to Katella Avenue in the northbound direction only

*Status:* PSR Underway

*Summary:* OCTA initiated a PSR/PDS to add capacity in the northbound direction of SR-57 in the cities of Anaheim and Orange. This quarter, OCTA selected the consultant for the preparation of the PSR document and to kick off of the project in June 2012. The study is anticipated to be complete in approximately 18 months.

### Part of Project G

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* SR-57 Northbound, Katella Avenue to Lincoln Avenue

*Status:* Construction Underway

*Summary:* Caltrans awarded a contract to construct a new northbound lane on SR-57 in the City of Anaheim. Construction activities continued during the quarter and are anticipated to be complete by mid-2014.

### Part of Project G

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* SR-57 Northbound, Orangethorpe Avenue to Lambert Road

*Status:* Construction Underway

*Summary:* Caltrans awarded contracts to two contractors to begin construction of a new northbound lane on the SR-57 in the cities of Brea, Fullerton, and Placentia. Construction of the improvements, which started in January 2011, is 55 percent complete as of June 30, and is expected to be complete in mid-2014.

## **SR-91 Projects**

### Project H

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* SR-91 Westbound, SR-57 to I-5

*Status:* Final Design Review by Caltrans Headquarters

*Summary:* This quarter, OCTA is securing final design approval from Caltrans Headquarters. OCTA and Caltrans District 12 are working together to finalize right-of-way agreements for the project. In anticipation of the \$70 million project beginning construction in late 2012/early 2013, OCTA and Caltrans will conduct pre-construction public outreach. When completed, the project will add a new westbound general purpose lane to a key stretch of SR-91, between SR-57 and I-5, in the cities of Anaheim and Fullerton.

### Part of Project I

*Contact:* Capital Projects -- Rose Casey (714) 560-5729  
*Segment:* SR-91 Westbound, Tustin Avenue Interchange to SR-55  
*Status:* Final Design and Right-of-Way Activities in Progress  
*Summary:* During this quarter, Caltrans was finalizing design to improve traffic flow at the SR-55/SR-91 interchange. Additionally, staff was undertaking right-of-way activities in anticipation of the project's construction. Both final design and right-of-way phases are expected to conclude in early 2013.

### Part of Project J

*Contact:* Capital Projects -- Rose Casey (714) 560-5729  
*Segment:* SR-91, Between SR-55 and State Route 241 (SR-241)  
*Status:* Construction Underway  
*Summary:* Construction on the \$75 million project, which will add a new six-mile general purpose lane in both the westbound and eastbound direction reached 65 percent completion during this quarter. Crews have substantially completed reconstruction of nine out of 15 ramps, while bridge widening activities are fully underway at Lakeview Avenue, Imperial Highway, and Yorba Linda Boulevard/Weir Canyon Road. A 1½-mile soundwall is approximately 90 percent complete as of June 30. The project is scheduled to be completed in early 2013.

### Part of Project J

*Contact:* Capital Projects -- Rose Casey (714) 560-5729  
*Segment:* SR-91, Between SR-241 and State Route 71 (SR-71)  
*Status:* Environmental Study Underway  
*Summary:* OCTA continued 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 during the quarter. This project will also add one general purpose lane in each direction from the SR-241 to the I-15. With the project's draft environmental document now in circulation, the environmental review process is expected to wrap-up in late 2012, and RCTC is scheduled to issue a request for proposals to procure a design-build contractor by the end of 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 consistent with the 2011 SR-91 Implementation Plan.

## **I-405 Projects**

### Project K

*Contact:* Capital Projects -- Rose Casey (714) 560-5729

*Segment:* I-405, Between SR-55 and Interstate 605

*Status:* Draft Environmental Impact Statement/Draft Environmental Impact Report (EIS/EIR) Released

*Summary:* OCTA is preparing an environmental study to add new lanes in each direction on the I-405 to serve the cities of Costa Mesa, Fountain Valley, Garden Grove, Huntington Beach, Los Alamitos, Seal Beach, and Westminster. These improvements will add mainline capacity and improve the local interchanges along the corridor. OCTA released the draft EIS/EIR on May 18, with public review and comment scheduled through July 17.

Prior to the release of the draft EIS/EIR, OCTA outreach efforts included: 15,500 postcards mailed to residents and businesses within a ¼-mile radius of the project; four public hearings with more than 800 attendees; 25 civic, community, and business presentations; two city council briefings; seven public works staff briefings; as well as advertisements in local papers, eBlasts, social media including Facebook, and postings on the OCTA website. The final environmental document is expected to be complete in spring 2013.

### Project L

*Contact:* Planning -- Dan Phu (714) 560-5907

*Segment:* I-405 Between SR-55 and the El Toro "Y"

*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, made up of staff from OCTA and the City of Irvine, has identified two alternatives that consist of adding lanes to the mainline, improvement to the operation of the northbound State Route 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.

### Freeway Service Patrol (Project N)

*Contact:* Sue Zuhlke (714) 560-5574

*Summary:* In May 2012, the Board of Directors (Board) approved a public safety dispatcher position with the California Highway Patrol (CHP) and the addition of two midday and two weekend Freeway Service Patrol (FSP) service beats to be funded by M2. An amendment to an existing agreement with CHP is being processed in Sacramento. The midday service beats provide new service on I-5 from SR-55 to the El Toro "Y," and on SR-55 beginning at Chapman Avenue north to SR-91, continuing west to Imperial Highway. Weekend service beats provide new service on SR-91 from SR-55 to the Riverside County line, and on SR-22 from Harbor Boulevard to SR-55, including the interchanges at I-5 and SR-57. This new service

began June 1 and has provided service to 242 motorists (as of June 21). This new service will relieve congestion during non-peak commute hours caused by accidents and vehicle break downs. Once the public safety dispatcher position is filled by CHP, a dedicated dispatcher will be available for FSP, maximizing FSP efficiencies and response times.

## **Streets and Roads Projects**

### Regional Capacity Program (Project O)

*Contact:* Roger Lopez (714) 560-5438

*Summary:* The 2012 Regional Capacity Program call for projects was completed with Board approval of the funding recommendations on April 23, 2012. With the 2012 call for projects complete, staff began the process of preparing for the 2013 call for projects. Adjustments to the Regional Capacity Program guidelines were developed in conjunction with the Technical Steering Committee and Technical Advisory Committee during the month of June 2012. The Board approval of the guidelines, as well as authorization to issue the call, is expected in August 2012.

### Grade Separation Projects (Part of Project O)

*Contact:* Rose Casey (714) 560-5729

*Summary:* The grade separation program continues on schedule. This quarter, construction continues on the Placentia Avenue and Kraemer Boulevard projects. Projects at Orangethorpe Avenue and Tustin Avenue/Rose Drive will be advertised for construction this summer and are expected to start construction this fall. The last three projects at Lakeview Avenue, State College Boulevard, and Raymond Avenue are expected to start construction during summer 2013.

On April 9, the Board approved a funding plan adjustment for the grade separation program that included programming changes across projects, project phases, and funding sources as required to optimize the use of all possible revenue sources, and limit increases in the use of Measure M funds program-wide. The item concluded that all proposed programming changes can be accomplished without increasing the current approved budget for the grade separation program. On April 9, the Board also approved construction and maintenance agreements between OCTA and the Burlington Northern Santa Fe Railway Company (BNSF) for the Orangethorpe Avenue and Tustin Avenue/Rose Drive projects. The construction and maintenance agreements define the roles and responsibilities, including funding responsibilities, of each party and are required prior to commencing construction of projects impacting the BNSF railroad right-of-way.

On April 23, the Board approved an agreement with contractor Beckco, Inc., for clearance services for the Orangethorpe Avenue project. The scope of services includes the removal of two existing commercial buildings near the railroad crossing at Orangethorpe Avenue and Crowther Avenue in the City of Anaheim, and clearing the site to accommodate the construction of the Orangethorpe Avenue grade separation project.

On June 25, the Board approved the release of invitation for bids (IFB) for the Orangethorpe Avenue project. Over the past several months, OCTA staff has been finalizing the project plans, specifications, and estimate (PS&E), and the subject Board action allows for the advertisement of the project to solicit construction bids. Construction of the Orangethorpe Avenue project is expected to begin this fall.

#### M2 Regional Traffic Signal Synchronization Program (Project P)

*Contact:* Ron Keith (714) 560-5990

*Summary:* OCTA awarded \$7.8 million to synchronize an additional 400 signals along 140 miles of Orange County streets and roads. Seventeen projects were awarded funding with 24 local agencies participating in inter-jurisdictional cooperation. All projects were underway or contracted before June 30, 2012. The Euclid Street and Bastanchury Road projects will finish implementation in September 2012 and enter the Operations and Maintenance phase.

A second year call for projects took place in October 2011. Proposals were received in December 2011 and awarded in April 2012. All agencies in Orange County participated with 24 projects that totaled \$ 9,696,236. These projects will cover 141 miles with 533 intersections.

A new 2012 call for projects is anticipated to be released in August 2012, with proposals expected in October 2012. New guidelines increasing monetary limits are being discussed and will be going to the Board for approval in summer 2012.

#### Local Fair Share Program (Project Q)

*Contact:* Andy Oftelie (714) 560-5649

*Summary:* 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 \$36.7 million in Local Fair Share payments have been provided to local agencies as of the end of the quarter.

### **Transit Projects**

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

*Contact:* Kelly Hart (714) 560-5725

*Summary:* Project development continued with the two Board-approved Go Local fixed-guideway projects, one from the City of Anaheim and the other from the cities of Santa Ana and Garden Grove. Both teams are currently working on Step Two efforts to complete detailed planning, including alternatives analysis and environmental clearance activities.

The City of Anaheim completed its re-assessment of cost-effective alternatives for the Anaheim Rapid Connection Project and added a streetcar alternative back into the projects for consideration. As part of this

effort, the City of Anaheim completed a Definition of Alternatives Report that evaluates five alternatives: No Build, Transportation System Management, Elevated Guideway Automated People Mover, Bus Rapid Transit, and Modern Streetcar. This document, which was sent to the Federal Transit Administration (FTA) for review and comment, will help determine which alternatives provide the most cost-effective option that meets the needs of the corridor.

The cities of Santa Ana and Garden Grove continued to work on completing major milestones for the project, including the final Alternatives Analysis Report and the Administrative Draft of the Environmental Assessment and Environmental Impact Report. Additionally, the project team presented an update on the Santa Ana/Garden Grove fixed-guideway project to the Board in June where the Board requested that staff evaluate potential funding options for the implementation of the fixed-guideway projects.

As part of OCTA's ongoing efforts to ensure the FTA is engaged in project development activities with the Cities of Anaheim, Santa Ana, and Garden Grove, OCTA hosted a tour and briefing with the representatives from the FTA.

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

*Contact:* Abbe McClenahan (714) 560-5673

*Summary:* The Board approved a call for projects for Project S, and it was issued on February 27, 2012. Four applications were received on April 26, 2012, and were evaluated using the Board-approved criteria. The applications were approved by the Technical Advisory Committee on June 27, 2012, and will be forwarded to the Transit Committee for review on July 12, 2012, with subsequent Board approval on July 23, 2012.

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

*Contact:* Dinah Minter (714) 560-5740

*Summary:* 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 ARTIC 100 percent PS&E were completed in May 2012. On May 29, 2012, the City of Anaheim released the IFB to construct the entire ARTIC project. The City of Anaheim anticipates contract award for construction of ARTIC on August 21, 2012. During this quarter, OCTA and the City of Anaheim also continued property negotiations for the ARTIC project.

#### Senior Mobility Program (Part of Project U)

*Contact:* Dana Wiemiller (714) 560-5718

*Summary:* Nearly \$2.1 million in M2 Project U funding has been disbursed to 25 cities participating in the Senior Mobility Program (SMP) through June 2012.

Collectively, the cities have provided more than 223,000 trips for seniors traveling to medical appointments, nutrition programs, shopping destinations, and senior and community center activities. In addition, nearly \$2.5 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

*Summary:* To stabilize fares for seniors and persons with disabilities, one percent of net revenues are dedicated for this purpose. As of June 30, 2012, \$2.3 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, the Board authorized that any revenues generated by the 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, \$0.4 million is available to be transferred from the SMP to the Fare Stabilization Program. In December 2011, staff provided the Board with a financial analysis that showed that the Fare Stabilization Program funding levels are sufficient until fiscal year (FY) 2034-35. Staff will return to the Finance and Administration Committee in November 2012 with a financial update for the Fare Stabilization Program.

#### Community Based Transit/Circulators (Project V)

*Contact:* Gary Hewitt (714) 560-5715

*Summary:* Project V is 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 take the policy framework to the Board in July 2012.

#### Safe Transit Stops (Project W)

*Contact:* Beth McCormick (714) 560-5964

*Summary:* During the quarter, staff identified a variety of improvements that can be made to enhance transit stops. Staff will focus on conducting a cost benefit analysis for any improvements that require ongoing operation and maintenance costs, developing guidelines to implement the program in conformance with Federal Title VI Regulations, preparing a schedule for implementation of selected enhancements over the next two years, and developing a sustainable financial plan to ensure enhancements can be maintained throughout the life of the program and into the future. The proposed guidelines will be brought to the Board for consideration in the second quarter of the FY.

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

### Environmental Cleanup (Project X)

*Contact:* Dan Phu (714) 560-5907

*Summary:* 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 are 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 which was just completed, determines the best Tier 2 candidate sites for funding regional capital projects such as bioswales, constructed wetlands, and detention/infiltration basins. On May 7, 2012, the Board approved the Environmental Cleanup Program Tier 2 Comprehensive Transportation Funding Program Guidelines and authorized staff to issue the FY 2012-13 call for projects for the Tier 2 Grant Program (approximately \$13.3 million available). The call for projects was issued on June 4, 2012, and applications are due September 4, 2012. Three Tier 2 workshops were held in June to assist potential applicants in better understanding the Tier 2 funding guidelines and application process.

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

*Contact:* Dan Phu (714) 560-5907

*Summary:* The Environmental Oversight Committee (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 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

On May 7, 2012, the Board approved the Environmental Mitigation Program Revised Restoration Funding Guidelines and six restoration projects for funding consideration. The Board also authorized staff to issue a revised call for projects for remaining funds (approximately \$400,000) from Round 2 with a focus on watersheds affected by early action M2 freeway projects, specifically Bolsa Chica Channel-Frontal Huntington Harbor, Lower Santa Ana River, San Diego Creek, and San Juan Creek. This action would also include conducting public outreach to seek and inform landowners/sponsors for restoration projects within these watershed areas. The six funded restoration projects totaled \$4.716 million and included Aliso Creek, Chino Hills State Park, Harriett Weider Regional Park, Lower Silverado Canyon, North Coal Canyon,



and West Loma. 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. 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. To date, OCTA has funded 11 habitat restoration projects, totaling approximately 400 acres.

#### Acquisition Update

To date, OCTA has acquired five open space properties, totaling approximately 950 acres, 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 one 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. Offers are anticipated in the August 2012 timeframe.

#### **Financing**

*Contact:* Sean Murdock (714) 560-5685

*Summary:* Sales tax receipts are above the amount assumed for the current budget. Sales tax receipts from the State Board of Equalization for the period increased 6.87 percent from the same period last year, which is 1.4 percent higher than the budget assumptions. The positive growth in revenue, coupled with updated long-term sales tax growth rate forecasts, has resulted in a revenue forecast for the life of the M2 Program of \$15.5 billion.

#### **Program Management Office**

*Contact:* Tami Warren (714) 560-5590

*Summary:* 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 second quarter, the focus of the PMO has been on several key items. These include:

#### **M2020 Plan Development**

Following the February Board workshop, staff has continued to define the draft M2020 Plan through additional analysis including development of proposals for all M2 elements. At the same time, staff has been seeking

stakeholder input on plan concepts and has used this input to guide the continued development of the plan proposals. More than 20 presentations have been made to stakeholder agencies seeking input and feedback into the plan development. In June, staff presented an update to the Board that includes prepared answers to Board Members questions and a list of risks to be considered prior to Board adoption of the final plan. The draft plan is anticipated to go to the Board in August, with the final plan anticipated to go to the Board in September for consideration.

#### 2009-12 M2 Performance Assessment

A total of ten proposals were received from interested consulting firms to conduct the second M2 Performance Assessment covering the period between 2009 and 2012. The performance assessment is a requirement in the Ordinance and will assess OCTA's performance to date on the delivery of M2. The evaluation committee, made up of OCTA staff from the PMO office, Government Relations, the chair of OCTA's Citizen's Advisory Committee, chair of OCTA's Technical Advisory Committee, and the incoming chair of the Taxpayers Oversight Committee, met in June and selected the consultant team of CH2MHill. OCTA is on schedule to initiate the study with a notice to proceed in July 2012.

#### M2 Document Management

The M2 Document Center site is designed to provide a unified approach to saving Measure M project and program files. During the quarter, a test pilot group was created for the M2 SharePoint document center, and the users provided valuable insight on elements needed to be incorporated prior to agency-wide roll out. 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. Mandatory training for the nearly 100 M2 users is underway and is going smoothly.

#### M2 Ordinance Matrix

The M2 Ordinance Matrix, which was created to provide a listing of all requirements within M2 to ensure compliance, was distributed to staff in April for review and to add status and notes on documentation of requirements met. Meetings with staff to review the information are underway.













#### Key Upcoming Activities

During the next quarter, staff will continue to develop the M2020 plan and anticipates bringing a draft plan to the Board in August, and a final plan in September, for consideration. The M2 Performance Assessment will begin in July with data gathering and consultant-led OCTA staff and stakeholder interviews. The M2 Document Center will be fully functional and staff training will be complete.

# Capital Action Plan

Status Through June 2012
















Updated: July 24, 2012

Capital Projects	Cost Budget/Forecast  (millions)	Schedule Plan/Forecast															
		Begin		Complete		Begin		Complete		Construction		Advertise		Award		Complete	
		Environmental	FY 12	Environmental	FY 12	Design	FY 12	Design	FY 12	Ready	FY 12	Construction	FY 12	Contract	FY 12	Construction	FY 12
<b>Freeway Projects:</b>																	
 I-5, Pico to Vista Hermosa	\$113.0	Jun-09		Dec-11	Q2	Jun-11		Oct-13		Feb-14		Oct-14		Jan-15		Feb-18	
Project C	\$113.0	<b>Jun-09</b>		<b>Oct-11</b>	<b>Q2</b>	<b>Jun-11</b>		<b>Oct-13</b>		<b>Feb-14</b>		<b>May-14</b>		<b>Aug-14</b>		<b>Aug-17</b>	
 I-5, Vista Hermosa to Pacific Coast Highway	\$75.6	Jun-09		Dec-11	Q2	Jun-11		Feb-13		Jun-13		Oct-13		Dec-13		Jan-16	
Project C	\$75.6	<b>Jun-09</b>		<b>Oct-11</b>	<b>Q2</b>	<b>Jun-11</b>		<b>Feb-13</b>		<b>Jun-13</b>		<b>Oct-13</b>		<b>Dec-13</b>		<b>Jan-16</b>	
 I-5, Pacific Coast Highway to San Juan Creek Road	\$70.7	Jun-09		Dec-11	Q2	Jun-11		Jan-13		May-13		Aug-13		Oct-13		Nov-15	
Project C	\$70.7	<b>Jun-09</b>		<b>Oct-11</b>	<b>Q2</b>	<b>Jun-11</b>		<b>Jan-13</b>		<b>May-13</b>		<b>Aug-13</b>		<b>Oct-13</b>		<b>Nov-15</b>	
 I-5, I-5/Ortega Interchange	\$90.9	Sep-05		Jun-09		Jan-09		Nov-11	Q2	Mar-12	Q3	Jun-12	Q4	Aug-12		Sep-15	
Project D	\$90.9	<b>Sep-05</b>		<b>Jun-09</b>		<b>Jan-09</b>		<b>Dec-11</b>	<b>Q2</b>	<b>Apr-12</b>	<b>Q4</b>	<b>Jun-12</b>	<b>Q4</b>	<b>Aug-12</b>		<b>Sep-15</b>	
I-5, Avenida Vaquero Soundwall	\$3.0	N/A		N/A		Feb-08		Jan-09		Mar-09		Aug-10		Nov-10		Oct-11	Q2
	\$2.2	N/A		N/A		<b>Feb-08</b>		<b>Mar-09</b>		<b>Apr-09</b>		<b>Aug-10</b>		<b>Nov-10</b>		<b>Aug-11</b>	<b>Q1</b>
I-5, El Camino Real Soundwall	\$5.3	N/A		N/A		Jan-08		Jan-09		Mar-09		Aug-10		Dec-10		Feb-12	Q3
	\$4.6	N/A		N/A		<b>Jan-08</b>		<b>Jan-09</b>		<b>Apr-09</b>		<b>Aug-10</b>		<b>Dec-10</b>		<b>Apr-12</b>	<b>Q4</b>
 I-5, SR-73 to El Toro Road	TBD	Sep-11	Q1	Jun-14		TBD		TBD		TBD		TBD		TBD		TBD	
Project C & D	\$558.7	<b>Oct-11</b>	<b>Q2</b>	<b>Jun-14</b>		Jun-14		Aug-17		Feb-18		Mar-18		Jun-18		Jul-22	
 I-5, SR-55 to SR-57	TBD	Jul-11		Jun-13		TBD		TBD		TBD		TBD		TBD		TBD	
Project A	\$46.4	<b>Jun-11</b>		<b>Oct-13</b>		Oct-13		Jun-15		Oct-15		Nov-15		Feb-16		Mar-18	
I-5, SR-91 to Los Angeles (LA) County Line	\$334.1	N/A		Dec-99		Sep-99		Jun-04		Dec-04		Jan-05		Apr-05		Mar-11	
	\$324.9	N/A		<b>Dec-99</b>		<b>Sep-99</b>		<b>Jul-05</b>		<b>Aug-05</b>		<b>Sep-05</b>		<b>Apr-06</b>		<b>Jan-11</b>	
I-5, SR-91 to LA County Line (Landscape)	\$1.7	N/A		N/A		Jan-08		Jul-10		Sep-10		Nov-10		Feb-11		Apr-12	Q4
	\$1.1	N/A		N/A		<b>Jan-08</b>		<b>Jul-10</b>		<b>Sep-10</b>		<b>Nov-10</b>		<b>Feb-11</b>		<b>Apr-12</b>	<b>Q4</b>
I-5, Continuous High-Occupancy Vehicle (HOV) Lane Access	TBD	Jul-11	Q1	Mar-12	Q3	Feb-12	Q3	Jan-13		Apr-13		May-13		Aug-13		Dec-13	
	\$7.7	<b>Aug-11</b>	<b>Q1</b>	<b>Jul-13</b>		<b>Mar-12</b>	<b>Q3</b>	<b>Jan-14</b>		<b>Apr-14</b>		<b>Jun-14</b>		<b>Aug-14</b>		<b>Dec-14</b>	
SR- 22, Additional Soundwalls	\$4.0	N/A		N/A		Mar-08		Jan-09		Mar-09		Apr-09		Jun-09		Mar-11	
	\$3.2	N/A		N/A		<b>Mar-08</b>		<b>Jun-09</b>		<b>Nov-09</b>		<b>Dec-09</b>		<b>Apr-10</b>		<b>Mar-11</b>	
SR-55, Continuous HOV Access	\$1.5	May-10		Aug-10		May-10		Oct-10		Dec-10		Dec-10		Feb-11		Jun-11	
	\$0.9	<b>May-10</b>		<b>Oct-10</b>		<b>May-10</b>		<b>Oct-10</b>		<b>Dec-10</b>		<b>Dec-10</b>		<b>Feb-11</b>		<b>May-11</b>	
 SR-55, I-405 to I-5	TBD	Feb-11		Nov-13		TBD		TBD		TBD		TBD		TBD		TBD	
Project F	\$274.9	<b>May-11</b>		<b>Feb-14</b>		Feb-14		Dec-16		Jun-17		Aug-17		Oct-17		Nov-20	
 SR-57 Northbound (NB), Katella to Lincoln	\$78.7	Apr-08		Jul-09		Jul-08		Nov-10		Mar-11		May-11	Q1	Aug-11	Q1	Sep-14	
Project G	\$37.7	<b>Apr-08</b>		<b>Nov-09</b>		<b>Aug-08</b>		<b>Dec-10</b>		<b>Apr-11</b>		<b>Jul-11</b>	<b>Q1</b>	<b>Oct-11</b>	<b>Q2</b>	<b>Sep-14</b>	
 SR-57 (NB), Orangethorpe to Yorba Linda	\$80.2	Aug-05		Dec-07		Feb-08		Dec-09		Apr-10		Jun-10		Oct-10		Mar-14	
Project G	\$57.5	<b>Aug-05</b>		<b>Dec-07</b>		<b>Feb-08</b>		<b>Jul-09</b>		<b>Dec-09</b>		<b>May-10</b>		<b>Oct-10</b>		<b>Mar-14</b>	
 SR-57 (NB), Yorba Linda to Lambert	\$79.3	Aug-05		Dec-07		Feb-08		Dec-09		Apr-10		Jun-10		Oct-10		Jul-14	
Project G	\$56.5	<b>Aug-05</b>		<b>Dec-07</b>		<b>Feb-08</b>		<b>Jul-09</b>		<b>Mar-10</b>		<b>May-10</b>		<b>Oct-10</b>		<b>Dec-13</b>	
 SR-91 Westbound (WB), I-5 to SR-57	\$78.1	Jul-07		Apr-10		Oct-09		Feb-12	Q3	Jul-12		Aug-12		Nov-12		Nov-15	
Project H	\$72.8	<b>Jul-07</b>		<b>Jun-10</b>		<b>Mar-10</b>		<b>Apr-12</b>	<b>Q4</b>	<b>Jul-12</b>		<b>Sep-12</b>		<b>Nov-12</b>		<b>Nov-15</b>	
 SR-91 (WB), Tustin Interchange to SR-55	\$49.9	Jul-08		Jul-11		Jul-11		Mar-13		Jul-13		Aug-13		Oct-13		May-15	
Project I	\$49.9	<b>Jul-08</b>		<b>May-11</b>		<b>Jun-11</b>		<b>Apr-13</b>		<b>Jul-13</b>		<b>Aug-13</b>		<b>Oct-13</b>		<b>May-15</b>	

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Capital Projects	Cost Budget/Forecast  (millions)	Schedule Plan/Forecast															
		Begin Environmental	FY 12	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
 SR-91, SR-55 to SR-241 Project J	\$128.4	Jul-07		Jul-09		Jun-09		Jan-11		Apr-11		Jun-11		Sep-11		Dec-12	
	\$85.2	<b>Jul-07</b>		<b>Apr-09</b>		<b>Apr-09</b>		<b>Aug-10</b>		<b>Dec-10</b>		<b>Feb-11</b>		<b>May-11</b>		<b>Dec-12</b>	
 SR-91 Eastbound, SR-241 to SR-71 Project J	\$104.5	Mar-05		Dec-07		Jul-07		Dec-08		Mar-09		May-09		Jul-09		Nov-10	
	\$58.2	<b>Mar-05</b>		<b>Dec-07</b>		<b>Jul-07</b>		<b>Dec-08</b>		<b>May-09</b>		<b>Jun-09</b>		<b>Aug-09</b>		<b>Jan-11</b>	
I-405, Continuous HOV Lane Access	TBD	Jul-11	Q1	Apr-12	Q4	Mar-12	Q3	Jan-13		Apr-13		May-13		Aug-13		Nov-13	
	\$3.5	<b>Aug-11</b>	<b>Q1</b>	<b>Oct-12</b>		<b>Mar-12</b>	<b>Q3</b>	<b>Jan-13</b>		<b>Apr-13</b>		<b>May-13</b>		<b>Aug-13</b>		<b>Nov-13</b>	
 I-405, SR-55 to I-605 (Design-Build) Project K	TBD	Mar-09		Mar-13		TBD		TBD		TBD		TBD		TBD		TBD	
	\$1,727.6	<b>Mar-09</b>		<b>Aug-13</b>		Apr-13		May-14		Aug-14		Aug-14		Jun-15		Dec-19	
I-405/SR-22 HOV Connector	\$195.9	N/A		N/A		Sep-07		Sep-09		Mar-10		May-10		Aug-10		Aug-14	
	\$121.2	N/A		N/A		<b>Sep-07</b>		<b>Jun-09</b>		<b>Sep-09</b>		<b>Feb-10</b>		<b>Jun-10</b>		<b>Aug-14</b>	
I-405/I-605 HOV Connector	\$260.4	N/A		N/A		Sep-07		Sep-09		Mar-10		May-10		Oct-10		Jan-15	
	\$169.8	N/A		N/A		<b>Sep-07</b>		<b>Sep-09</b>		<b>Feb-10</b>		<b>May-10</b>		<b>Oct-10</b>		<b>Jan-15</b>	
<b>Grade Separation Projects:</b>																	
 Sand Canyon Grade Separation Project R	\$55.6	N/A		Sep-03		Jan-04		Jul-10		Jul-10		Oct-10		Feb-11		May-14	
	\$55.2	N/A		<b>Sep-03</b>		<b>Jan-04</b>		<b>Jul-10</b>		<b>Jul-10</b>		<b>Oct-10</b>		<b>Feb-11</b>		<b>May-14</b>	
 Raymond Grade Separation Project O	\$77.2	Feb-09		Nov-09		Mar-10		Aug-12		Nov-12		Feb-13		May-13		Mar-16	
	\$78.2	<b>Feb-09</b>		<b>Nov-09</b>		<b>Mar-10</b>		<b>Aug-12</b>		<b>Feb-13</b>		<b>Apr-13</b>		<b>Jul-13</b>		<b>May-16</b>	
 State College Grade Separation Project O	\$73.6	Dec-08		Jan-11		Jul-06		Aug-12		Nov-12		Feb-13		May-13		Mar-16	
	\$74.6	<b>Dec-08</b>		<b>Apr-11</b>		<b>Jul-06</b>		<b>Dec-12</b>		<b>Feb-13</b>		<b>Apr-13</b>		<b>Aug-13</b>		<b>May-16</b>	
 Placentia Grade Separation Project O	\$78.2	Jan-01		May-01		Jan-09		Mar-10		May-10		Mar-11		Jun-11	Q1	Nov-14	
	\$67.3	<b>Jan-01</b>		<b>May-01</b>		<b>Jan-09</b>		<b>Jun-10</b>		<b>Jan-11</b>		<b>Mar-11</b>		<b>Jul-11</b>	<b>Q1</b>	<b>Nov-14</b>	
 Kraemer Grade Separation Project O	\$70.4	Jan-01		Sep-09		Jan-09		Jul-10		Jul-10		Apr-11		Aug-11	Q1	Oct-14	
	\$67.8	<b>Jan-01</b>		<b>Sep-09</b>		<b>Feb-09</b>		<b>Jul-10</b>		<b>Jan-11</b>		<b>Jun-11</b>		<b>Sep-11</b>	<b>Q1</b>	<b>Oct-14</b>	
 Orangethorpe Grade Separation Project O	\$117.4	Jan-01		Sep-09		Feb-09		Dec-11	Q2	Dec-11	Q2	Feb-12	Q3	May-12	Q4	Mar-16	
	\$114.9	<b>Jan-01</b>		<b>Sep-09</b>		<b>Feb-09</b>		<b>Oct-11</b>	<b>Q2</b>	<b>Apr-12</b>	<b>Q4</b>	<b>Aug-12</b>		<b>Nov-12</b>		<b>Mar-16</b>	
 Tustin/Rose Grade Separation Project O	\$103.0	Jan-01		Sep-09		Feb-09		Dec-11	Q2	Mar-12	Q3	May-12	Q4	Aug-12		Mar-16	
	\$91.3	<b>Jan-01</b>		<b>Sep-09</b>		<b>Feb-09</b>		<b>Jul-11</b>	<b>Q1</b>	<b>Jun-12</b>	<b>Q4</b>	<b>Aug-12</b>		<b>Nov-12</b>		<b>Mar-16</b>	
 Lakeview Grade Separation Project O	\$70.2	Jan-01		Sep-09		Feb-09		Oct-11	Q2	Oct-12		Feb-13		May-13		Sep-15	
	\$95.5	<b>Jan-01</b>		<b>Sep-09</b>		<b>Feb-09</b>		<b>Oct-12</b>		<b>Dec-12</b>		<b>Feb-13</b>		<b>Jun-13</b>		<b>Dec-15</b>	
<b>Rail and Station Projects:</b>																	
 Rail-Highway Grade Crossing Safety Enhancement Project R	\$94.4	Jan-08		Oct-08		Jan-08		Sep-08		Sep-08		Sep-08		Aug-09		Dec-11	Q2
	\$94.4	<b>Jan-08</b>		<b>Oct-08</b>		<b>Jan-08</b>		<b>Sep-08</b>		<b>Sep-08</b>		<b>Sep-08</b>		<b>Aug-09</b>		<b>Dec-11</b>	<b>Q2</b>
 Metrolink Service Expansion Program	\$134.0	May-07		Apr-08		Jul-07		Mar-09		Mar-09		Sep-08		Mar-09		Oct-11	Q2
	\$134.0	<b>May-07</b>		<b>Apr-08</b>		<b>Jul-07</b>		<b>Mar-09</b>		<b>Mar-09</b>		<b>Sep-08</b>		<b>Mar-09</b>		<b>Sep-12</b>	
 Anaheim Rapid Connection Project S	TBD	Jan-09		Oct-14		TBD		TBD		TBD		TBD		TBD		TBD	
	\$676.0	<b>Jan-09</b>		<b>Nov-14</b>		Jun-13		May-14		May-15		Apr-14		May-15		Aug-18	
 Santa Ana/Garden Grove Fixed-Guideway Project S	TBD	Aug-09		Mar-12	Q3	TBD		TBD		TBD		TBD		TBD		TBD	
	\$252.0	<b>Aug-09</b>		<b>Mar-13</b>		Sep-13		Oct-15		Jan-16		Jan-16		Apr-16		May-18	

# Capital Action Plan

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Capital Projects	Cost Budget/Forecast  (millions)	Schedule Plan/Forecast															
		Begin Environmental	FY 12	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
Placentia Metrolink Station and Parking Structure	TBD	Jan-03		May-07		Oct-08		Jan-11		Jan-12	Q3	Aug-12		Nov-12		Jan-15	
	TBD	Jan-03		May-07		Oct-08		Feb-11		May-13		May-13		Aug-13		Oct-15	
Orange Station Parking Expansion	TBD	Dec-09		May-12	Q4	Nov-10		Apr-13		TBD		TBD		TBD		TBD	
	TBD	Dec-09		May-13		Nov-10		Sep-13		Sep-13		Sep-13		Dec-13		Apr-15	
Tustin Station Parking Expansion	\$17.6	Apr-07		Nov-07		Apr-09		Mar-10		Mar-10		Apr-10		Aug-10		Sep-11	Q1
	\$15.4	Apr-07		Nov-07		Apr-09		May-10		May-10		Jun-10		Aug-10		Sep-11	Q1
Fullerton Station Parking Expansion	\$42.0	Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10		Apr-12	Q4
	\$31.4	Jul-06		Mar-07		Sep-07		Aug-09		Aug-09		May-10		Aug-10		Jun-12	Q4
Anaheim Regional Transportation Intermodal Center Project R and T	\$227.4	Apr-09		Feb-11	Q1	Jun-09		Feb-12	Q3	Dec-11	Q2	May-11 (1)		Jul-11	Q1	Sep-14	
	\$227.4	Apr-09		Feb-12	Q3	Jun-09		May-12	Q4	May-12	Q4	May-12	Q4	Aug-12		Oct-14	
LOSSAN Fiber Optic Communications	\$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		Oct-12	
Tustin Station Video Surveillance System (VSS) (Design-Furnish-Install)	\$0.8	N/A		N/A		Mar-11		Jun-11		Jun-11		N/A		N/A		Oct-11	Q2
	\$0.5	N/A		N/A		Apr-11		Jun-11		Jun-11		N/A		N/A		Dec-11	Q2
Santa Ana Station VSS (Design-Furnish-Install)	\$0.8	N/A		N/A		Jan-11		Feb-11		Feb-11		N/A		N/A		Sep-11	Q1
	\$0.7	N/A		N/A		Jan-11		Feb-11		Apr-11		N/A		N/A		Nov-11	Q2
Fullerton Station VSS (Design-Furnish-Install)	\$0.8	N/A		N/A		Apr-11		Aug-11	Q1	Aug-11	Q1	N/A		N/A		Jun-12	Q4
	\$0.8	N/A		N/A		Jun-11		Aug-11	Q1	Aug-11	Q1	N/A		N/A		Jun-12	Q4

- 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

**Measure M2 Local Fair Share Program Payments  
Q2 and Inception to Date**

CITY	4/1/12 - 6/30/12	Total
Aliso Viejo	167,900.17	553,685.04
Anaheim	1,278,481.59	4,611,485.63
Brea	256,056.61	798,397.07
Buena Park	391,896.74	1,289,494.15
Costa Mesa	627,569.20	2,015,225.18
Cypress	237,035.44	779,487.70
Dana Point	138,652.79	454,960.11
Fountain Valley	270,337.57	890,731.48
Fullerton	557,920.09	1,831,359.77
Garden Grove	638,057.61	2,101,617.44
Huntington Beach	822,940.02	2,690,861.52
Irvine	1,087,550.86	3,561,494.46
Laguna Beach	109,892.70	356,301.92
Laguna Hills	147,712.52	488,075.97
Laguna Niguel	297,266.36	960,416.99
Laguna Woods	55,939.69	185,469.37
La Habra	226,621.40	746,154.10
Lake Forest	332,835.33	1,102,424.26
La Palma	70,360.63	233,879.56
Los Alamitos	55,085.30	182,198.94
Mission Viejo	412,154.32	1,335,018.18
Newport Beach	470,545.42	1,529,647.35
Orange	692,042.75	2,288,421.26
Placentia	140,627.21	459,107.53
Rancho Santa Margarita	182,229.99	598,212.36
San Clemente	238,098.66	786,829.38
San Juan Capistrano	158,403.62	524,537.24
Santa Ana	1,189,329.22	3,930,173.61
Seal Beach	114,429.32	362,701.79
Stanton	126,748.88	420,156.32
Tustin	376,065.22	1,221,752.69
Villa Park	22,300.11	73,509.41
Westminster	367,645.78	1,209,131.72
Yorba Linda	253,945.57	831,488.92
County Unincorporated	774,366.65	2,516,791.35
Totals	13,289,045.34	43,921,199.77