

2016

A PROGRESS REPORT ON OCTA ACCOMPLISHMENTS





2016 marks the 25th anniversary of the Orange County Transportation Authority. In 1991, seven separate transportation agencies were consolidated to form OCTA and streamline transportation delivery in Orange County.

During the past 25 years, OCTA has worked diligently to improve Orange County's transportation network. In fact, nearly \$10 billion of transportation improvements have been delivered or advanced through Measure M, Orange County's half-cent transportation sales tax.

And there were no signs of slowing down in 2016. During the year, OCTA awarded the design and construction of the largest project to be undertaken in OCTA's history, the \$1.9 billion I-405 Improvement Project. In addition, the OC Streetcar, the first modern streetcar in Orange County, continued to move through project development and OCTA pushed forward with OC Bus 360°, a comprehensive effort to improve the bus system.

The 2016 progress report is structured around five initiatives established by OCTA's Board of Directors and provides a snapshot of OCTA's accomplishments during the year. This report also provides a transparent delineation of OCTA's commitment to developing transportation solutions that enhance the quality of life and keep Orange County moving.



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IMPLEMENT OC BUS 360°



Improve and redesign the bus system

- Modified more than half of OCTA's bus routes to address declining ridership and offer customers up to a 30 percent travel time improvement.
- Added 15-minute service to 15 routes for faster, more efficient travel.
- Developed a Bus Stop Spacing Efficiency Program to streamline bus service and discontinue nearly 40 underutilized bus stops.

- Launched Bravo! Route 560 on Westminster Avenue/17th Street and 64 Xpress on Bolsa Avenue/1st Street, to provide faster bus service along these heavily-traveled corridors.
- Approved \$26.7 million in Measure M Project V funds for 17 capital and operations grants and \$324,000 for seven planning grants for local agencies to develop local circulator bus service.
- Helped the cities of Mission Viejo, San Clemente and Westminster launch local transit services funded by Measure M.

- Reduced the price of the day pass by 20 percent from \$5 to \$4 for a six-month promotional period utilizing funding from California's cap-and-trade program to offset lost revenue.
- Approved a new fare structure which eliminates 5-Ride and 7-Day bus passes, adjusts the cost of express fares and requires proof of eligibility for reduced fare passes when the pass is sold.



Innovating from every angle



MODERNIZED SERVICE

- Faster Travel Times
- Mobile Ticketing
- New Branding



Modernize the fleet

- Received the first ACCESS bus with the new OC Bus branding design.
- Received 105 40-foot and 16 60-foot buses with the new OC Bus branding design.
- Ordered an additional 131 ACCESS buses and 52 40-foot buses.

Attract new customers to transit

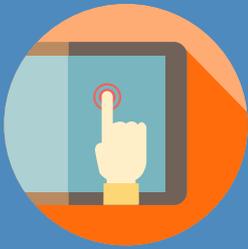
- Recorded 94,675 boardings on the OC Fair Express, a 20 percent increase compared to last year's record of 78,896 boardings.

- Logged more than 2,100 boardings on the inaugural Angels Express Bus Service that provided non-stop bus service to Angel Stadium from Huntington Beach – funded in part by the Mobile Source Air Pollution Reduction Review Committee.
- Launched the Laguna Beach Summer Breeze in July with funding from the city of Laguna Beach, offering free weekend service to popular local destinations. Nearly 2,000 boardings were recorded in eight weekends of service.

Reducing costs

- Expanded contracted bus service from 33.6 to 36.2 percent of total operations.
- Extended bus useful life to 14 years.
- Moved ordered buses into a contract option term reducing expenditures.





DIGITAL ENGAGEMENT

Website visits:	+10%
Facebook fans:	+19%
Twitter users:	+15%
Transit app sessions:	+125%



Expand marketing

- Expanded marketing efforts with 166,000 direct mailers, 59 outreach events, 100 outdoor and bus advertisements, and an extensive digital marketing campaign to promote bus service to attract new customers.

Improve and develop vanpool services

- Increased the number of active vanpools by 5.1 percent from 488 to 513.

Develop last-mile and active transportation

- Completed a bikeways study for the Foothills Communities with 11 corridors identified.
- Approved \$20 million in grants for 14 bikeways and pedestrian projects that promote safety, connect key destinations, close bikeway corridor gaps and improve air quality.

- Completed and distributed an Active Transportation Checklist to guide development of future capital projects.



Since many of OCTA's riders have smartphones, we've made it easier than ever for them to get information on the go with apps that offer trip planning and bus arrival times.





DELIVER CAPITAL PROJECTS



Continue to advance the San Diego Freeway (I-405) Improvement Project

- Completed a traffic and revenue study.
- Recommended an initial toll policy and preliminary finance plan.
- Negotiated a toll operating agreement with Caltrans to establish roles and responsibilities related to project delivery, funding and financing.
- Awarded a \$1.2 billion contract for project design and construction.

- Submitted a \$627 million Transportation Infrastructure Finance and Innovation Act (TIFIA) loan application to the U.S. Department of Transportation.
- Negotiated cooperative agreements with the cities of Costa Mesa, Fountain Valley, Huntington Beach, Westminster, Seal Beach, and the Orange County Flood Control District.

Build a better 91

- Opened the SR-91 Auxiliary Lane Project which extends a lane from northbound SR-55 to westbound SR-91 connector through the Tustin Avenue interchange.
- Completed the SR-91 Westbound Lane Addition Project between the SR-57 and the I-5 which added a new four-mile lane in the westbound direction, widened seven bridges and reconstructed and realigned eight on- and off-ramps.





Repave the 91 Express Lanes

- Repaved the entire 91 Express Lanes for the first time in its 21-year history.
- Extended the pavement's lifespan for decades while continuing to provide a safe, smooth commute on the 10-mile 91 Express Lanes.
- Funded the entire project without taxpayer money by utilizing the 91 Express Lanes Capital Reserve Fund.

Improve the SR-55

- Released a draft environmental document for the SR-55 (I-405 to I-5) Project and worked with Caltrans to develop a new alternative that would double the added capacity and use design exceptions to minimize right-of-way impacts.
- Selected an engineering firm for the environmental phase of the SR-55 (I-5 to SR-91) Improvement Project.

Continue work on the I-5 South County Project

- Completed the western half of the new, wider Avenida Pico Interchange and continued to make progress on the I-5 South County Improvement Project, which will add approximately six miles of carpool lanes between San Juan Creek Road in San Juan Capistrano and Avenida Pico in San Clemente.

Repaving the entire 91 Express Lanes over the course of eight weekends required installing 10,000 delineators, using 113,000 tons of asphalt and removing and replacing 375,000 square yards of pavement.





Complete more than half of the OC Bridges Projects

- Opened the Orangethorpe Avenue and Tustin/Rose Avenue railroad grade separations.
- Completed four of the seven overcrossings and undercrossings to date.
- Continued construction on three grade separation projects including Lakeview Avenue, State College Boulevard and Raymond Avenue.

Improve safety near railroad tracks

- Partnered with the city of San Clemente to implement an audible warning safety system to alert pedestrians that a train is approaching.

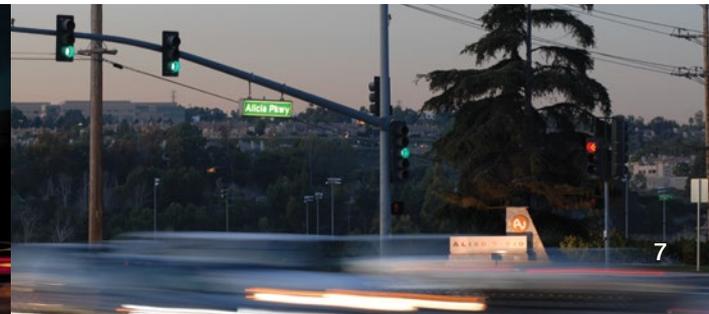
Deliver signal synchronization projects

- Improved travel time along 73 miles of arterials and at 261 signalized intersections through a number of signal synchronization projects.
- Awarded \$12.4 million for seven projects under the Measure M Regional Traffic Signal Synchronization Program to synchronize traffic signals.

Improve Orange County streets and roads

- Awarded \$38 million for 19 projects under the Measure M Regional Capacity Program to improve busy streets and intersections.

- Distributed \$51.6 million in Measure M Local Fair Share funds to cities and the County for local agency street projects in FY 15-16.
- Monitored more than 200 grant-funded local street improvement projects to ensure compliance and adherence to budget and delivery commitments.



OC STREETCAR



Proceed with the OC Streetcar Project

- Executed cooperative agreements with the cities of Santa Ana and Garden Grove related to building and operating the OC Streetcar.
- Advocated for funding to be included in the federal FY 2017 budget, resulting in a \$125 million line item.
- Developed a streetcar vehicle procurement strategy.
- Approved a streetcar stop design concept.

- Selected a firm for the construction management of the \$298 million project.
- Submitted a request for entry into engineering to the Federal Transit Administration.

Support and enhance Metrolink service

- Allocated \$6 million in net excess 91 Express Lanes revenue to advance development of the Placentia Metrolink Station.

Continue efforts to improve the environment

- Approved the Natural Communities Conservation Plan and Habitat Conservation Plan preserving 1,300 acres in exchange for mitigation credits toward freeway projects.
- Selected vendors for five-year terms to provide land management services for OCTA's open space properties.
- Created an investment strategy for the Measure M Freeway Mitigation Program for open space properties and obtained an interim endowment fund manager.

- Awarded \$2.86 million in Environmental Cleanup Tier 1 funds to 16 local agency projects to improve water quality.
- Protected Orange County beaches through the Measure M Environmental Cleanup Program removing 42 tons of trash and debris from making its way into waterways that lead to the ocean.

Reduce pollution from bus wash water

- Awarded a contract for construction of bus wash water runoff mitigation and modifications at all OCTA bus bases.



Providing a series of equestrian rides and hikes helped connect residents with the protected wilderness preserves that are a key part of OCTA's commitment to the environment.





ADVOCATE FOR AMPLE AND STABLE FUNDING



Develop a balanced budget

- Approved a \$1.16 billion balanced budget for FY 2016-17 which was amended by \$1.15 billion to advance the I-405 Improvement Project.

Secure additional grant funding

- Developed \$292 million in grant requests and received approximately \$182 million in grants during calendar year 2016.

Develop the Next 10 Measure M delivery plan

- Developed and approved the Measure M Next 10 Plan, a 10-year

program of projects that tackles the challenge of reduced federal, state and local funding while maintaining the promises and commitments made to Orange County voters.

- The plan spells out OCTA's goals through 2026, including continued improvements to the bus and rail systems, streets and roads, and \$3 billion worth of freeway improvements.

Secure OC Streetcar funding

- Obtained \$28 million in OC Streetcar funding from the Transit and Intercity Rail Capital Program, part of the state's

cap-and-trade program, which seeks to reduce greenhouse gas emissions through rail and transit capital investments.

Fund rapid bus service

- Acquired \$2.3 million in funding from the Transit and Intercity Rail Program, part of the state's cap-and-trade funding program, to launch the new Bravo! Route 560 rapid bus service between Santa Ana and Long Beach.



OCTA continues to deliver on the promise to voters when they approved Measure M, the half-cent sales tax for transportation improvements.



Subsidize Youth Summer Pass fares

- Sold nearly 12,000 30-Day Youth Summer passes to youth ages 6 to 18 for \$20, half off the regular price.
- Utilized Low Carbon Transit Operations funds to offset the cost of the discounted pass.

Fund hydrogen fuel cell bus and maintenance

- Received funding from the Federal Transit Administration under the National Fuel Cell Bus Program.

Complete the Orange County Active Transportation Plan

- Accepted a \$280,000 grant from the California Transportation Commission and the Southern California Association

of Governments to complete Orange County's first countywide active transportation plan, covering all 34 cities and the county.

- The grant allows OCTA to consolidate local and regional bikeways master planning efforts as well as analyze and prioritize projects.





COLLABORATE WITH OTHERS



Advance transportation technology and delivery

- Received a South Coast Air Quality Management District grant to assist with the purchase of 98 new near-zero emission vehicles.
- Hosted a press conference with state and local officials to introduce OCTA's first zero-emission hydrogen fuel cell bus.

Work with state and local agencies to finance bus mobile ticketing

- Partially funded the OC Bus mobile ticketing app and equipment by the California State Transportation Agency, the Mobile Source Air Pollution

Reduction Review Committee and Measure M, Orange County's half-cent sales tax for transportation improvements.

Initiate the Central Harbor Boulevard Corridor Study

- Partnered with the cities of Santa Ana, Garden Grove, Anaheim and Fullerton to assess future transit possibilities along one of Orange County's busiest north/south corridors.
- Completed the first phase of the study to identify mobility challenges along the corridor.

- Developed a set of 12 alternatives with a final report listing options for further study expected to be completed in 2017.

Continued planning for future improvements

- Completed a Pacific Coast Highway Study, and presented findings to the corridor cities. The study flagged corridor mobility issues and proposed potential solutions. These efforts will assist local agencies with their own planning and will be helpful by providing necessary data for grant applications.



Don't work against your will.

CAUGHT IN THE LIFE? OUR DRIVER CAN HELP.



Tell our driver. Have another rider call the hotline.
National Human Trafficking Hotline 888-3737-888



With its mix of education, direct assistance, and advice on how to help, OCTA's Be the One campaign helped raise awareness about preventing human trafficking in Orange County.

- Launched the Long Range Transportation Plan which will assess baseline transportation conditions, financial constraints, long-term socioeconomic forecasts, mobility challenges and future transportation options.
- Initiated a Transit System Master Plan which will identify countywide transit demands and options.

Enhance coordination with Riverside County

- Completed a 91 Express Lanes joint traffic operations center in Anaheim with the

Riverside County Transportation Commission to enhance efficiency and improve cost effectiveness.

Raise human trafficking awareness

- Collaborated with the Orange County Human Trafficking Task Force, the Anaheim Police Department, CSP Victim Assistance Programs, the Huntington Beach Police Department, the Salvation Army, the Orange County District Attorney's Office, the Orange County Sheriff's Department and the California Highway Patrol to raise awareness among transit riders about human trafficking.

Implement OCTA's workforce development initiative

- Completed the second cohort of the Management Development Academy training six mid-level management employees
- Launched an Intern Development Academy as part of OCTA's workforce development initiative.
- Trained 215 administrative staff on numerous safety and security topics.





OPTIMIZE TECHNOLOGY SOLUTIONS



Launch mobile ticketing for train and bus

- Offered customers an OC Bus Mobile Ticketing App for use on all fixed-route buses adding convenience for riders and speeding up boarding times.
- Provided schedule and real-time bus arrival information through the Transit App.
- Promoted the Metrolink mobile ticketing App allowing riders to purchase train tickets on a smartphone, tablet or other mobile device.

Introduce OCTA's hydrogen fuel cell bus

- Initiated a pilot program to test the first zero-emission hydrogen fuel cell bus which emits only water, thereby creating cleaner air and a healthier environment.

Leverage technology to improve business operations

- Establish an Innovation Office that is inclusive with the goals of fostering new and innovative ideas.
- Assessed security conditions at OCTA facilities and developed additional

security measures, including issuing new identification cards and enhancing the security of entry points.

- Selected a vendor to assist in migration strategies for a dual data center which serves as a backup under the continuity of operations plan.
- Implemented new software to screen OCTA's job applicants.



2016

OCTA Board of Directors

