

# MOVING FORWARD WITH MEASURE M



See what transportation improvements your half-cent is buying.



# MEASURE M IMPROVES LIVES AND MOBILITY

Measure M is Orange County's half-cent sales tax dedicated to funding local transportation improvements. The transportation improvements made possible by Measure M benefit residents and businesses every day. Wider freeways, well-maintained streets, synchronized traffic signals and transit programs that improve travel connections are all part of Measure M.

Administered by the Orange County Transportation Authority (OCTA), Measure M also includes mobility programs and discounted fares that get seniors and persons with disabilities moving as well as environmental programs that eliminate street runoff pollution and preserve natural habitats and native species through the purchase of open space land.

Voters first approved Measure M in 1990 for a 20-year period. Their trust was rewarded by more than \$4 billion in transportation improvements, including adding 192 freeway lane miles, improving 170 intersections and 38 freeway interchanges, and implementing Metrolink service in Orange County. After experiencing nearly two decades of success and progress, in 2006 nearly 70 percent of voters renewed the sales tax for transportation improvements for another 30 years beginning in 2011.

An independent committee of taxpayers monitors the use of Measure M funds and ensures that all revenue collected from Measure M is spent on voter-approved transportation projects.


One of the most heavily populated counties in the state, Orange County is expected to continue attracting more people with its abundant sunshine and high quality of life. Funds generated through Measure M will help Orange County keep pace with this growth while making it easier, safer and more pleasant for residents to live and travel through Orange County.


More transportation improvements are on the way. One half-cent at a time, Measure M is expected to generate more than approximately \$15 billion through 2041.

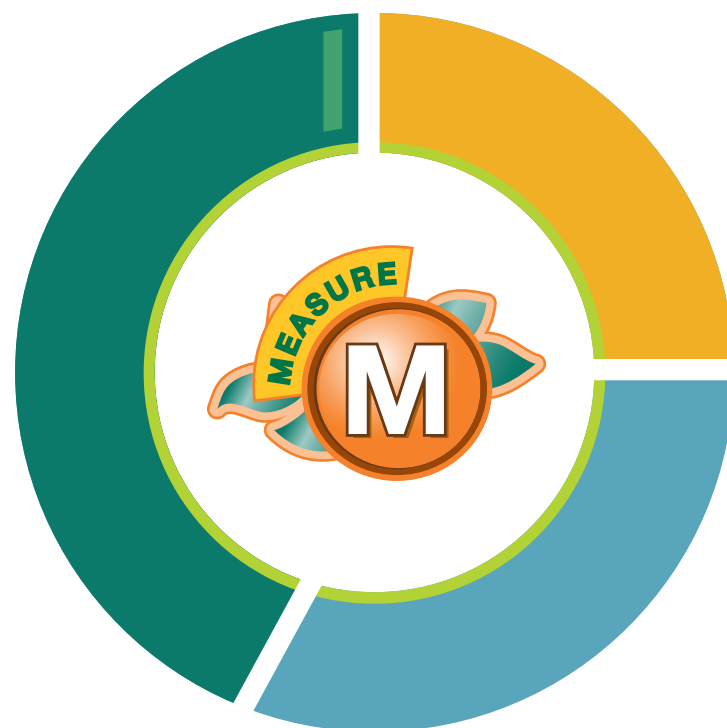
## M2 NET REVENUE ALLOCATIONS

<b>FREEWAYS</b>	<b>43%</b>
<b>STREETS</b>	<b>32%</b>
<b>TRANSIT</b>	<b>25%</b>

## ENVIRONMENTAL

 A total of 5% of M2 Freeway Program funds is allocated to the Freeway Environmental Mitigation Program

 A total of 2% of the overall M2 Program funds is allocated to the Environmental Cleanup Program



## FREEWAYS (PROJECTS A-N)



Thanks to Measure M funds, Orange County freeways are continually improving as projects reduce congestion, improve mobility, and increase safety. Highlights of freeway improvement projects include:

### Interstate 5 (Projects A-D)

Projects add lanes, improve interchanges and increase capacity in the cities of Santa Ana, Tustin, Irvine, Lake Forest, Laguna Woods, Laguna Hills, Laguna Niguel, Mission Viejo, Dana Point, San Juan Capistrano and San Clemente.

### State Route 57 (Project G)

Widens and adds lanes and improves operations at ramps and merge locations in Orange, Anaheim, Placentia, Fullerton and Brea.

### Interstate 405 (Projects K-L)

I-405 Improvement Project K includes adding both a general purpose lane and an express lane system with improvements in Costa Mesa, Fountain Valley, Garden Grove, Huntington Beach, Los Alamitos, Seal Beach, and Westminster. The general purpose lane is a Measure M project funded by a combination of local, state and federal funds. The express lanes will be financed separately from Measure M, funded primarily by those who choose to pay a toll and use the 405 Express Lanes. Project L, also funded by Measure M, adds a general purpose lane in each direction in the City of Irvine.

### State Route 22 (Project E)

Improves access to three key interchanges in Garden Grove. These improvements are complete.

### State Route 91 (Projects H-J)

The centerpiece of the freeway program, projects add more than 24 lane miles in Fullerton, Anaheim and Yorba Linda.

### State Route 55 (Project F)

Increases capacity and makes it easier and safer to drive this corridor in Irvine, Santa Ana, Tustin, Orange and Anaheim.

### Interstate 605 (Project M)

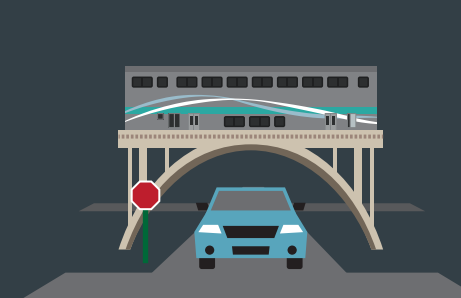
Improves freeway access and street connections at Katella Avenue Interchange in Los Alamitos.

### Freeway Service Patrol (Project N)

This ongoing program provides free tow truck service for motorists with disabled vehicles on the freeway to quickly clear freeway lanes and minimize congestion.

## STREETS & ROADS (PROJECTS O-Q)

Local streets and roads are the foundation of our transportation system, connecting us to work, school, shopping and recreation. Measure M funds help us move safely and efficiently along our 7,300 miles of roadway.



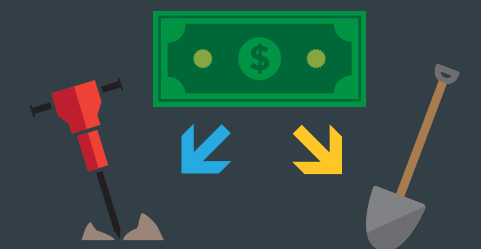
### Regional Capacity Program (Project O)

Improves roads, intersections and interchanges through a competitive program. Also, the OC Bridges program in north Orange County includes seven overpasses and underpasses that create a safer, more reliable commute.



### Signal Synchronization Program (Project P)

Optimizes traffic signal timing to reduce travel times and delays along corridors. Once a corridor is synchronized, drivers save an average 14 percent in travel time.



### Local Fair Share Program (Project Q)

Provides flexible funding to Orange County cities and the County of Orange to keep up with the rising costs of repairing our aging street system and other transportation-related projects. Projects are chosen at the direction of each jurisdiction. On average, more than \$50 million will be distributed to local agencies each year.

# TRANSIT (PROJECTS R-W)

Measure M makes it easier to connect by rail, bus and shuttle for work and play, taking cars off the road and helping OC residents avoid traffic and parking hassles.

## High Frequency Metrolink Service (Project R)

Provides funding for capital improvements as well as operating funds to run and expand Metrolink commuter rail service in Orange County, including safety upgrades at 52 rail-highway grade crossings, trains for mid-day service, and rail line and station improvements to accommodate future expanded service.

## Transit Extensions to Metrolink (Project S)

Provides competitive funding for rail projects linking Metrolink with communities in the central core of Orange County. These connections may include a variety of transit technologies such as conventional bus, bus rapid transit, streetcar, or high capacity rail transit systems. Project S also includes a competitive rubber tire program which provides funding to local agencies for connecting major activity centers to Metrolink stations.

The OC Streetcar complements Orange County's Metrolink service and will travel a 4-mile route from Santa Ana Regional Transportation Center to Garden Grove, connecting directly with 18 OCTA bus routes, Santa Ana shops and businesses, and a multimodal hub in Garden Grove. Major funding sources include Measure M and planned Federal Transit Administration New Starts. Additional funding is available for future projects.

## Regional Gateways to High-Speed Rail (Project T)

Provides local improvements to planned high speed rail systems on the Orange County Metrolink route. Measure M contributed Project T funds for the construction of the Anaheim Regional Transportation Intermodal Center, designed as the southern terminus in Orange County of California's planned high-speed rail system. This program is complete.

## Expand Mobility Choices for Seniors and Persons with Disabilities (Project U)

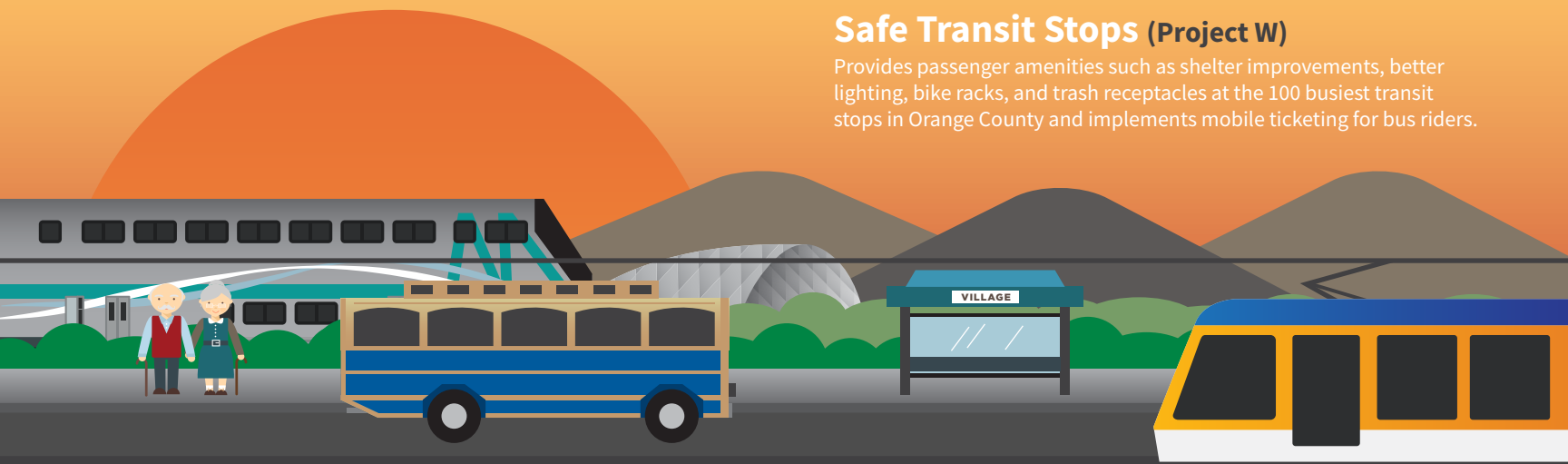
Project U funding provides efficient, cost-effective transportation services for seniors, including community-based senior transportation services, non-emergency medical transportation services and reduced fares for seniors and persons with disabilities on OCTA bus service.

## Community Based Transit/Circulators (Project V)

Helps communities develop local bus transit services that complement regional bus and rail services. Examples include trolleys in Laguna Beach and Dana Point.

## Safe Transit Stops (Project W)

Provides passenger amenities such as shelter improvements, better lighting, bike racks, and trash receptacles at the 100 busiest transit stops in Orange County and implements mobile ticketing for bus riders.



# ENVIRONMENTAL PROGRAMS

Measure M funds help preserve open-space land for future generations and keep pollution out of waterways.

## Environmental Mitigation Program (Parts of Projects A-M)

Mitigates the environmental impacts of freeway improvements; at minimum, 5 percent of the Freeway Program budget is available for this purpose. OCTA has purchased seven open space properties and funded 11 restoration projects to preserve the land and permanently ensure that valuable animal and plant species can thrive forever for future generations.

## Environmental Cleanup Program (Project X)

Protects Orange County beaches from transportation-generated pollution while improving ocean water by mitigating pollutants such as litter, debris, heavy metals, organic chemicals, sediment and nutrients that collect on roadways and in storm drains prior to being deposited in waterways and the ocean.





# MEASURE M2 PROJECTS



## FREEWAY IMPROVEMENT PROGRAM

### Interstate 5 (I-5) Projects

- A** I-5 (SR-55 to SR-57)
- B** I-5 (El Toro "Y" Area to SR-55)
- C** I-5 (SR-73 to El Toro Road)
- C** I-5 (Avenida Pico to San Juan Creek Road)
- D** I-5 / Highway Interchanges

### State Route 22 (SR-22) Projects

- E** SR-22 Access Improvements

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

- F** SR-55 (I-405 to I-5)
- F** SR-55 (I-5 to SR-91)

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

- G** SR-57 NB (Orangewood Avenue to Katella Avenue)
- G** SR-57 NB (Katella Avenue to Lincoln Avenue)
- G** SR-57 NB (Orangethorpe Avenue to Lambert Road)
- G** SR-57 NB (Lambert Road to Tonner Canyon Road)

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

- H** SR-91 WB (I-5 to SR-57)
- I** SR-91 (SR-57 to SR-55)
- J** SR-91 (SR-55 to Riverside County Line)

### Interstate 405 (I-405) Projects

- K** I-405 (Euclid Street to I-605)
- L** I-405 (SR-55 to El Toro "Y" Area)

### Interstate 605 (I-605) Projects

- M** I-605 / Katella Interchange Improvements

**Freeway Mitigation Restoration Projects**  
(Part of Projects A-M)

**Freeway Mitigation Acquisition Projects**  
(Part of Projects A-M)

## STREETS & ROADS

**O** Grade Separation Program (shown)

**X** Signal Synchronization Project Corridors

## TRANSIT PROJECTS

**R** Grade Separation and Station Improvement Projects

**S** Transit Extensions to Metrolink

**T** Metrolink Station Conversion to accept Future High-Speed Rail Systems

## M2 PROJECTS NOT SHOWN

**Project N:** Freeway Service Patrol

**Project O:** Streets & Roads - Regional Capacity Program

**Project Q:** Local Fair Share Program

**Project R:** Grade crossing and Trail Safety Enhancements  
Metrolink Service Expansion Program

**Project U:** Senior Mobility Program (SMP), Senior Non-emergency Medical Transportation Program (SNEMT), and Fare Stabilization Programs

**Project V:** Community Based Transit/Circulators

**Project W:** Safe Transit Stops

**Project X:** Environmental Cleanup Program