



Keeping Orange County Moving

Orange County Transportation Authority *Update*



California Transportation Commission

March 16, 2016

Orange County, California



- **3rd** most populous county in **CA**
- **2nd** most dense county in **CA** behind only **San Francisco** and ahead of **Los Angeles** and **Alameda** counties
- **Culturally** diverse communities
- **Thriving** business economy and a well-educated work force
- Home to a wide range of **tourist attractions**

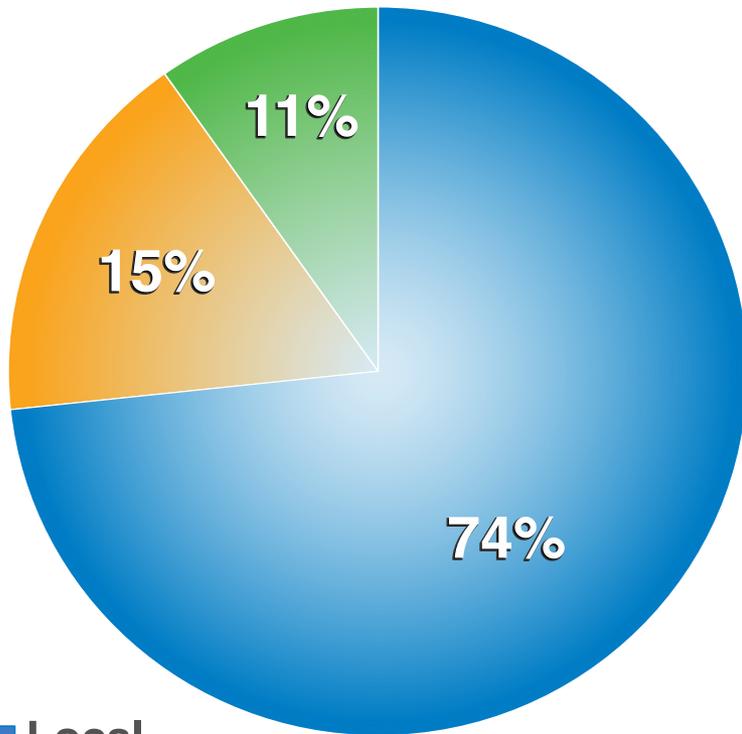
Orange County Transportation Authority

- OC's regional transportation agency
- Governed by 18-member Board
- Multi-modal focus on transit, freeways, streets, active transportation
- OCTA programs and services include:
 - Freeways
 - Streets and Roads
 - 91 Express Lanes
 - Environmental mitigation
 - Water quality
 - Bus
 - Rail
 - OC Streetcar
 - Measure M
 - Rideshare
 - Motorist services



Funding Transportation Projects

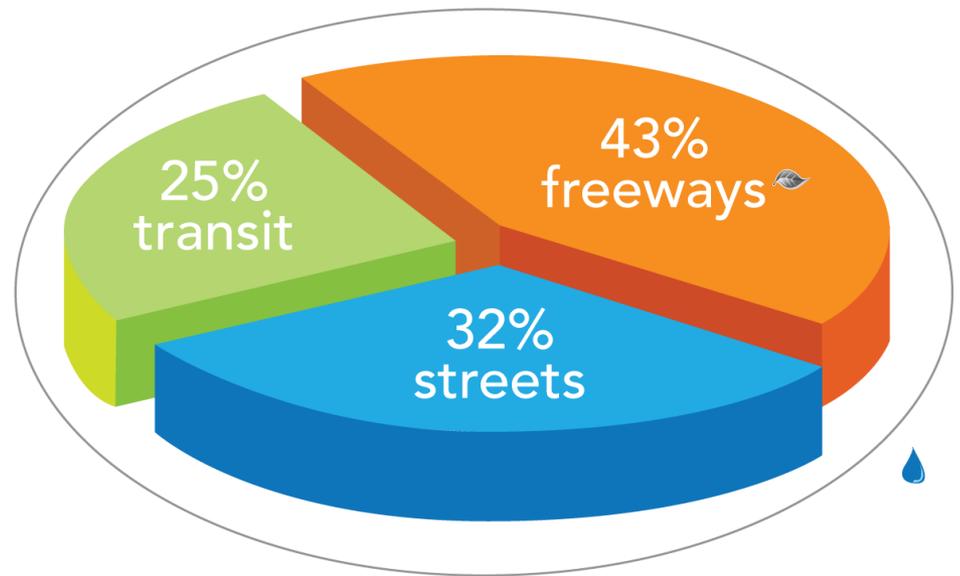
Core Revenues for Transportation Investments in Southern California



- Local
- State
- Federal



Measure M – Orange County's Half-Cent Sales Tax



-  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

Proposition 1B Investment (\$000s)

Mode	Prop 1B	Other Funding*	Total
Highway Projects	\$360.43	\$244.13	\$604.56
Goods Movement	\$304.14	\$330.09	\$634.23
Transit Projects	\$117.04	\$291.45	\$408.49
Local Streets & Roads	\$56.47	\$89.44	\$145.91
Safety and Security Projects	\$29.53	\$0	\$29.52
TOTAL	\$867.60	\$955.11	\$1,822.71

- **110 Projects:** \$867.59 million
- **9 Major Freeway Improvements:**
 - All are completed
 - Approximately 26 miles of improvements
- **8 Goods Movement Projects:**
 - 7 grade separations along the BNSF corridor and 1 State Route 91 corridor project
- **12 Transit Improvements:** Including transit safety and capacity projects (OCX and MSEP)
- **63 Streets and Roads Projects:** Approximately 89 miles of improvements
- **18 Safety and Security Projects**

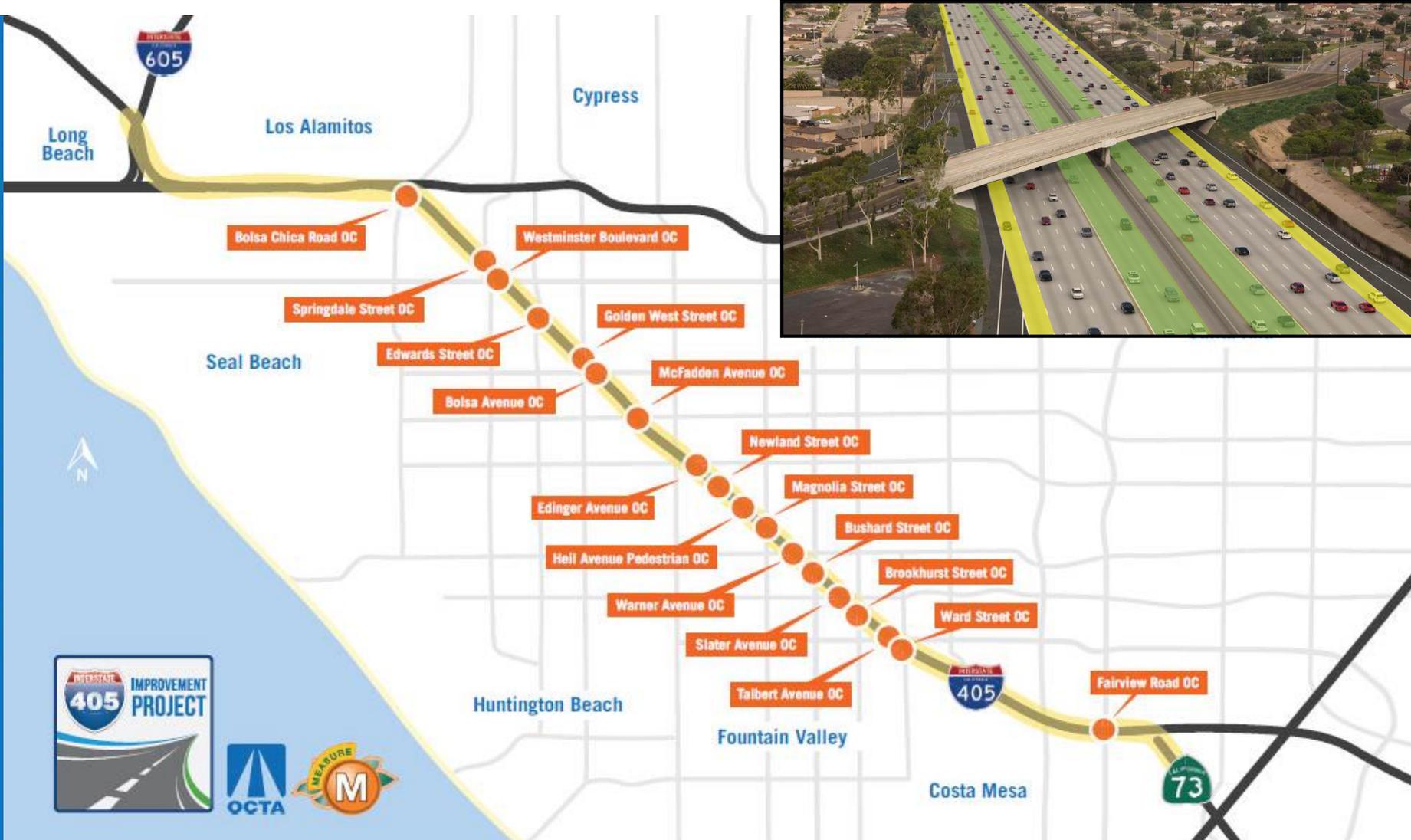
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I-405 Improvement Project

SR-73 to I-605

OVERCROSSINGS



Costa Mesa





Timeline and Funding

Activity	Date
Develop operating toll agreement with State	Underway
Develop investment grade Traffic and Revenue Study	2016
Release Final D-B RFP	March 2016
CTC Toll Facility Project Approval	May 2016
Award D-B contract	November 2016
Secure financing	2016-2017
D-B notice to proceed	Early 2017
Design and build project	2017-2022

Project Funding Sources

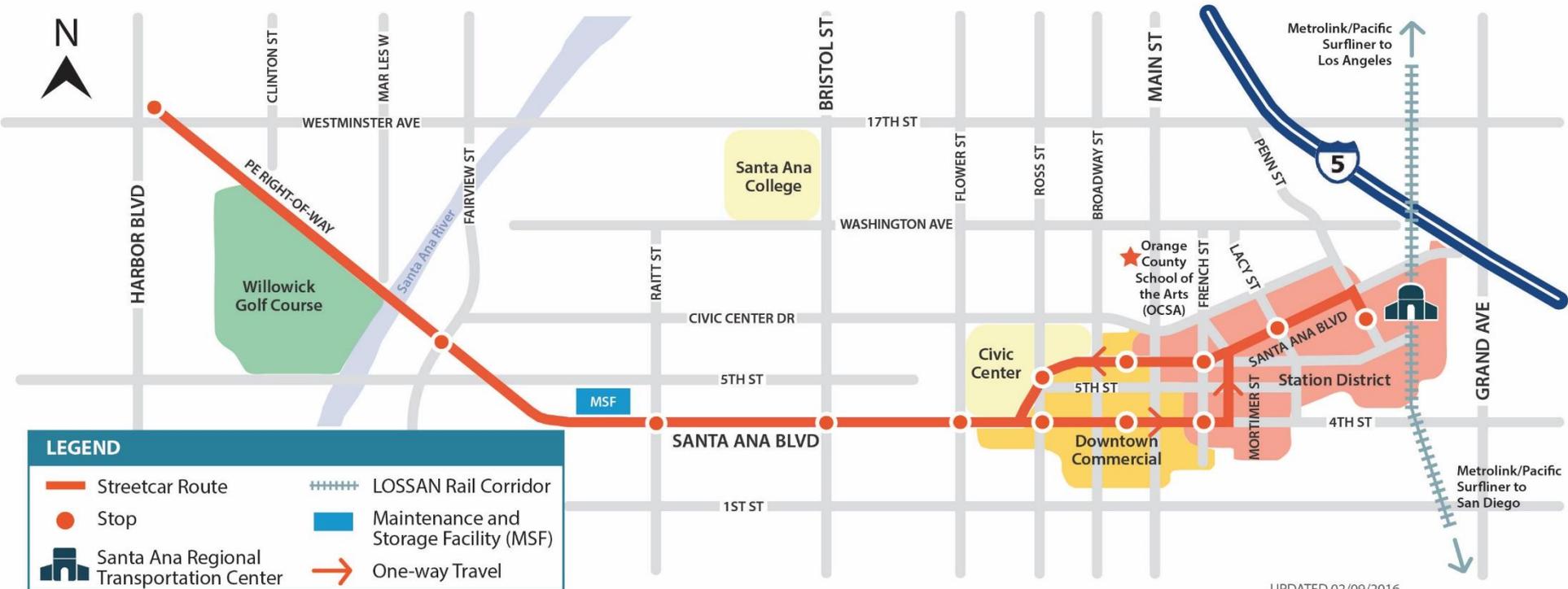


- M2 Sales Tax Revenues (Pay-As-You-Go Funds)
- M2 Sales Tax Revenue Bonds
- State Funds
- TIFIA Loan
- Federal Funds

Mobility choices: OC Transit 360°

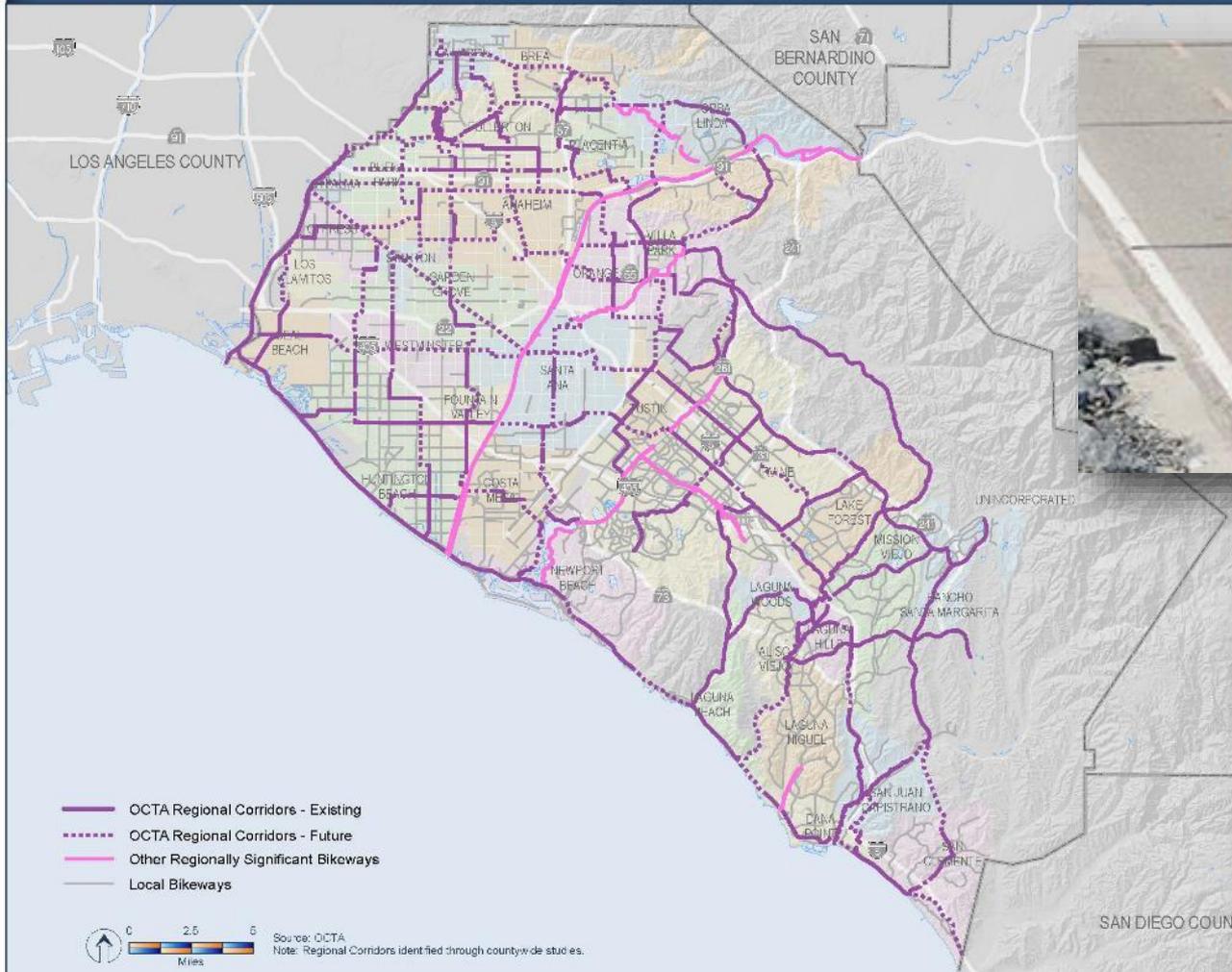


Mobility choices: OCSTREETCAR



Mobility Choices: Active Transportation

Regional Bikeway Corridors



Source: OCTA
Note: Regional Corridors identified through countywide studies.

Environmental Sustainability

- **Freeway Environmental Mitigation Program:**

- Purchased 1,300 acres of open space
- Established 11 habitat restoration projects
- Endowment established to fund long-term management of OCTA Preserves



- **Environmental Cleanup Program (Project X):**

- Funding for water quality improvements throughout OC
- 144 projects; over \$41 million awarded
- Resulted in 213 million gallons of water saved and nearly 500,000 cubic feet of trash removed





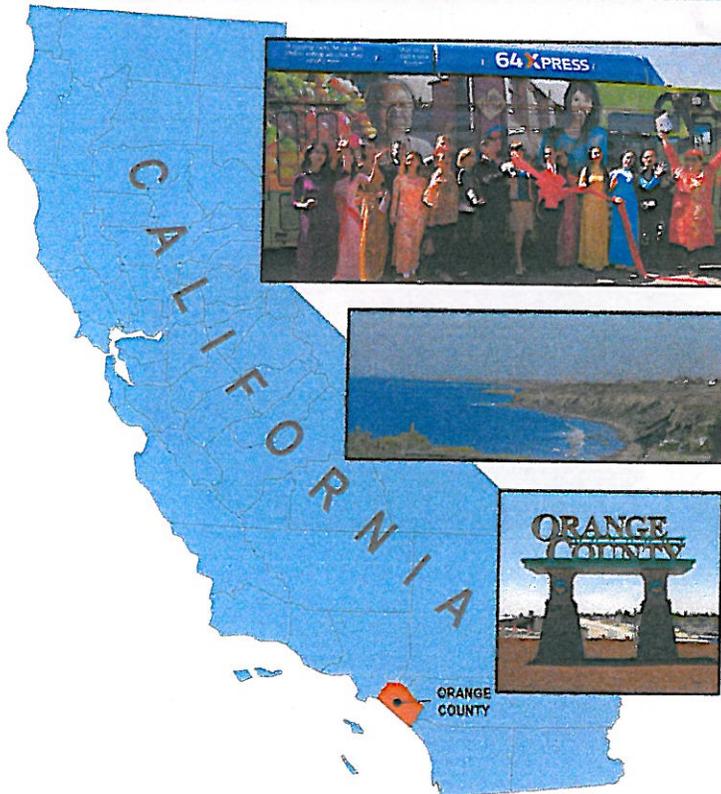
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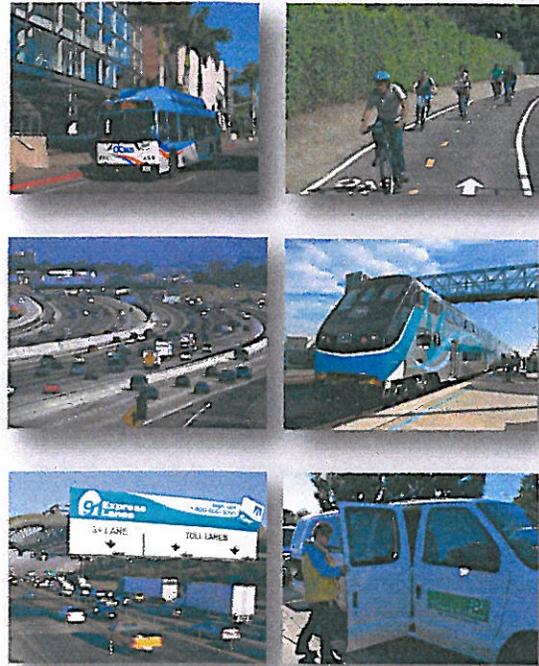
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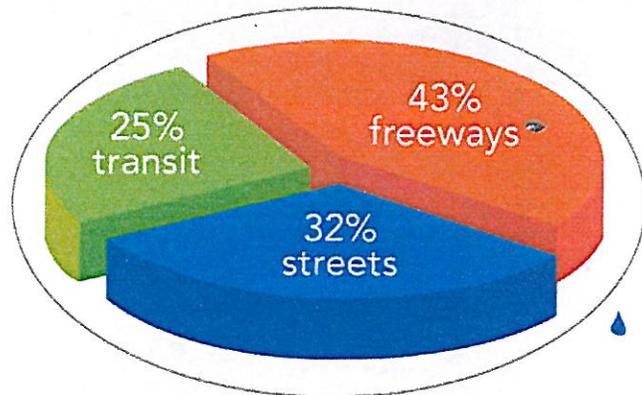
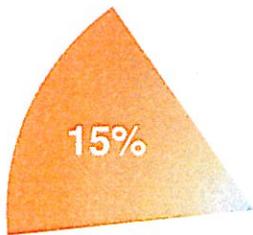


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INTERSTATE CALIFORNIA 405 I-405 Improvement Project SR-73 to I-605





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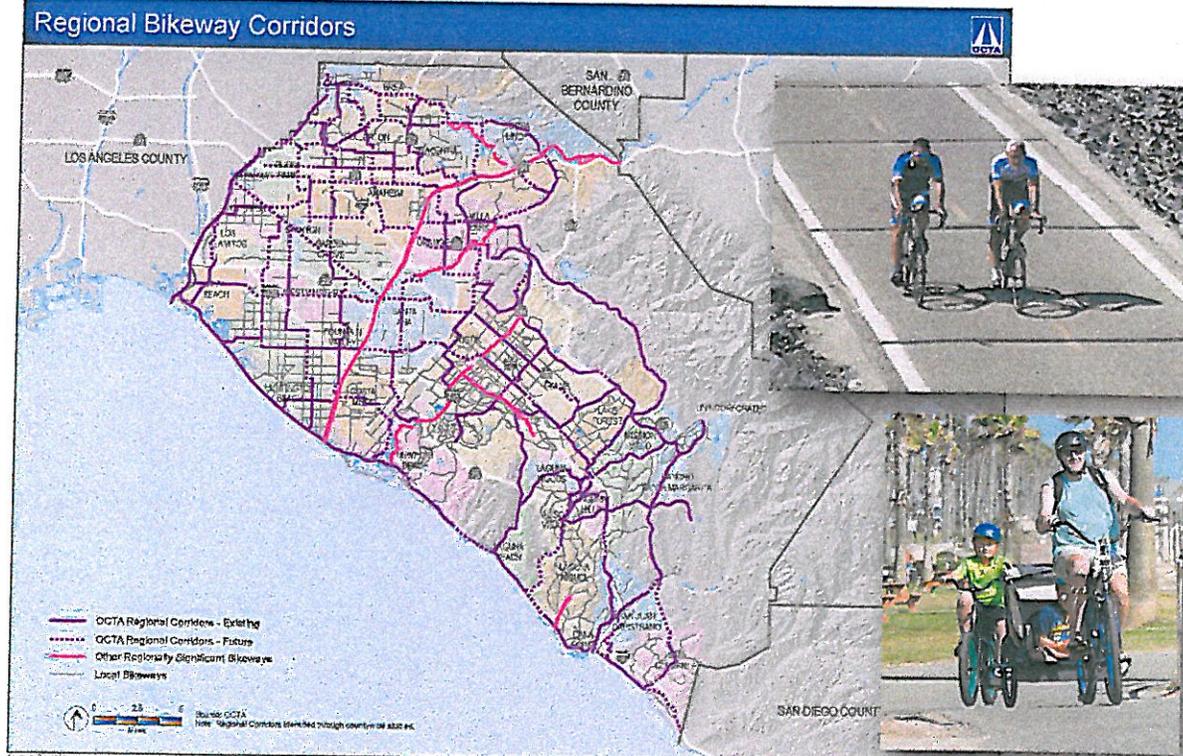


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Transportation Corridor Agencies™

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Michael Kraman, CEO

March 16, 2016



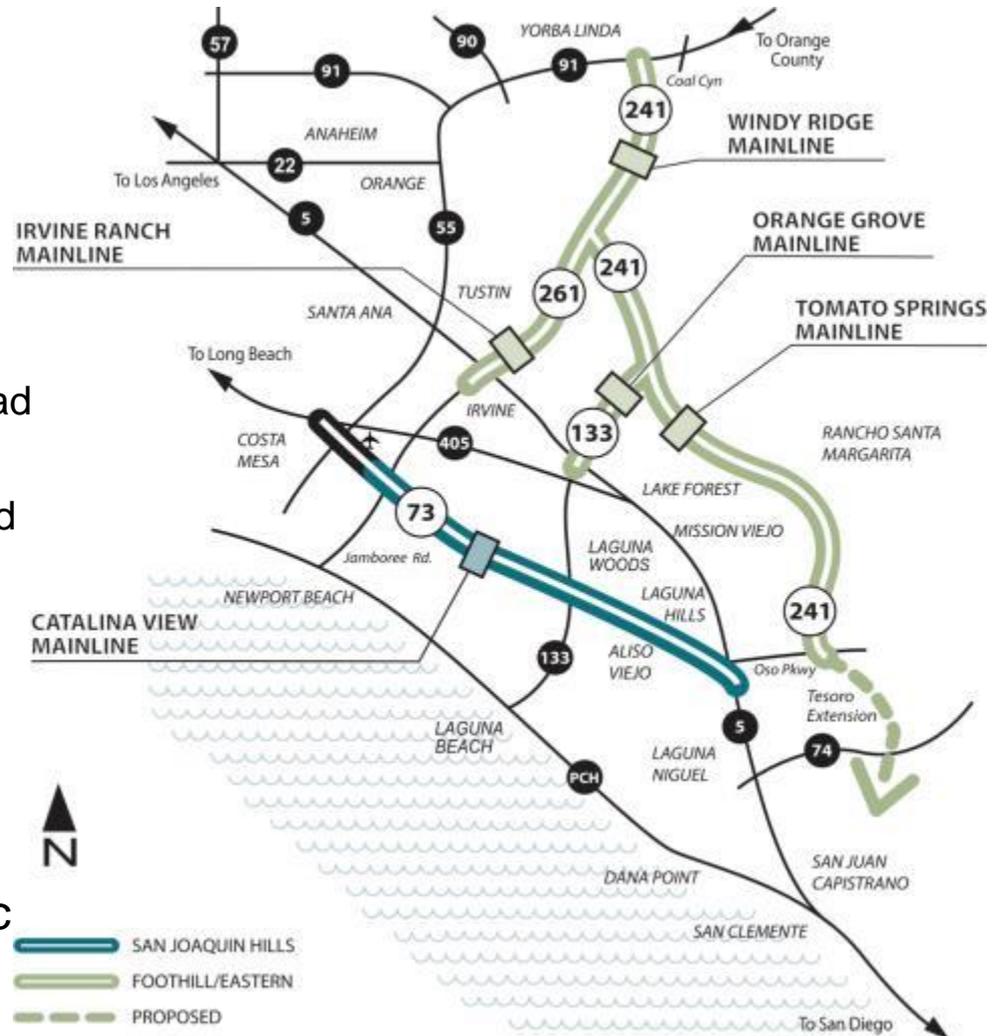
Transportation Corridor Agencies

Enhancing mobility in Orange County and Southern California by developing and operating publicly owned toll roads as part of the state highway system.

The Toll Roads

- **51 miles open**

- 20 percent of OC highway system
- 260,000 transactions per day
 - FY16 YTD through Jan., transactions increased 10.3 percent on 73 Toll Road
 - FY16 YTD through Jan., transactions increased 9.1 percent on 133, 241 and 261 Toll Roads
- \$300M annual toll revenue
- Built parallel to OC's congested I-5, I-405 and SR-55 freeways
- Even drivers who don't use The Toll Roads benefit – less traffic on freeways and arterial streets

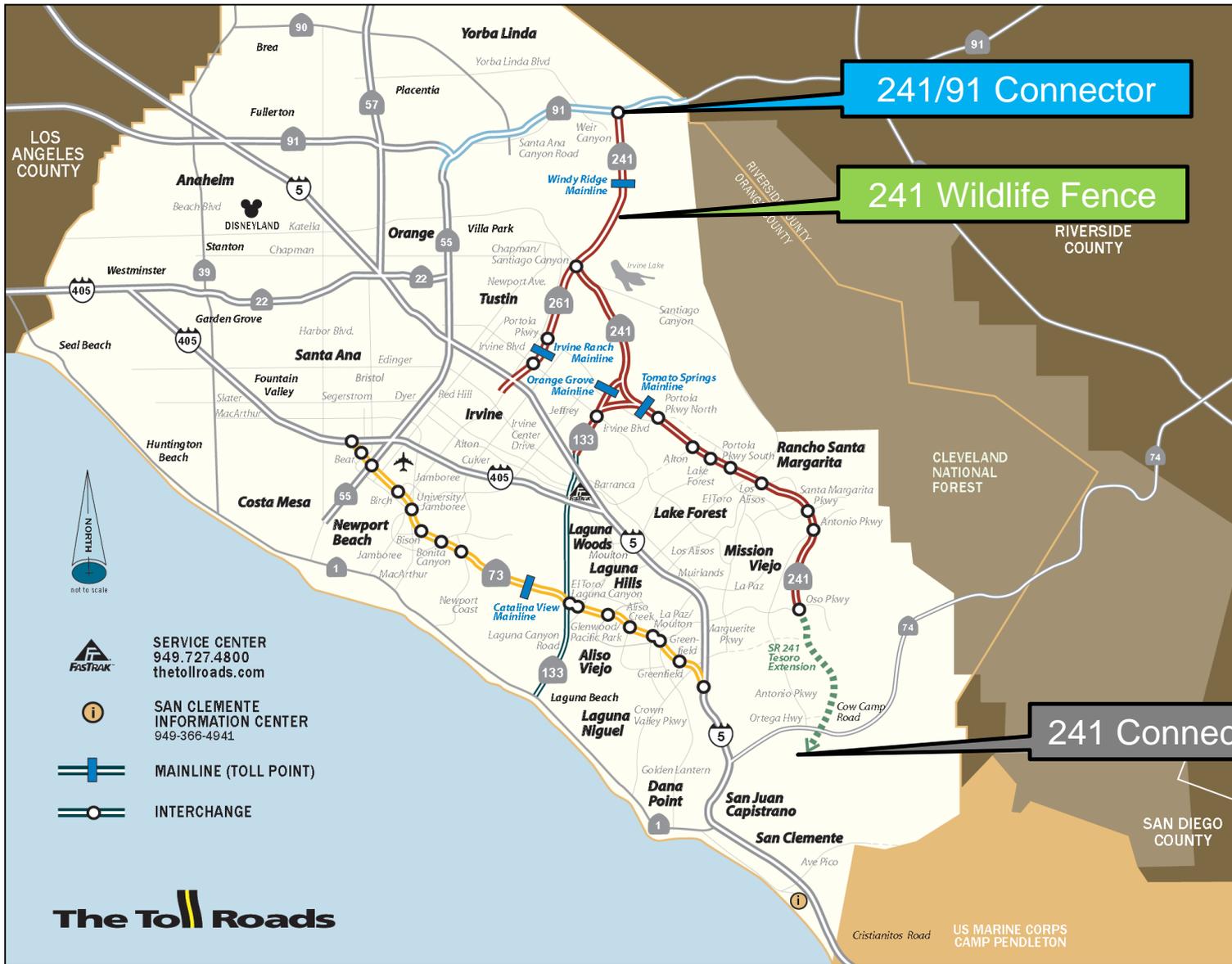


Innovative Environmental Stewardship

- 25 years of environmental success
- More than 2,000 acres of native habitat
- Over \$125M on environmental programs
- Home to multiple species, including:
 - Coastal California Gnatcatcher
 - Brodiaea
 - Coastal Cactus Wren
 - Mountain Lion
- Wildlife monitoring and movement studies
- Provides improved air quality



Capital Improvement Highlights



241/91 Express Lanes Connector



- Median-to-median connector
 - Structure over 241/SR-91 north-west direct connector and the SR-91 Gypsum Canyon I/C
 - Provides direct access into the SR-91 Express Lanes
 - ~\$120M construction cost
- Enhances regional connectivity between toll systems
- Provides relief for existing freeways by improving mobility and traffic flow
- Reduces emissions by increasing movement through corridor
- Enhances safety by reducing weaving across general purpose lanes
- Maintains SR 91 Express Lanes operational performance levels



Wildlife Safety Improvement Fence



Bobcat



Puma



Coyote



Deer

- Protects drivers, mountain lions & other wildlife by keeping animals in natural habitat

- Fence is:

- 6.5 miles long
- 10 to 12 feet in height
- Buried 24 inches
- 18-inch outrigger to prevent jumping

- Jump-out-ramps located every ½ mile allow for escape

- 3-year post-construction monitoring for effectiveness

- New fence design sets the model for transportation agencies in the region



241 Connection to I-5



- TCA is engaging key stakeholders in the region on the broader long-term regional mobility challenges
- Completed community ascertainment study Jan. 2016
- Deliberative multi-step stakeholder outreach leading to new federal and state environmental documents and permits



TAB 2



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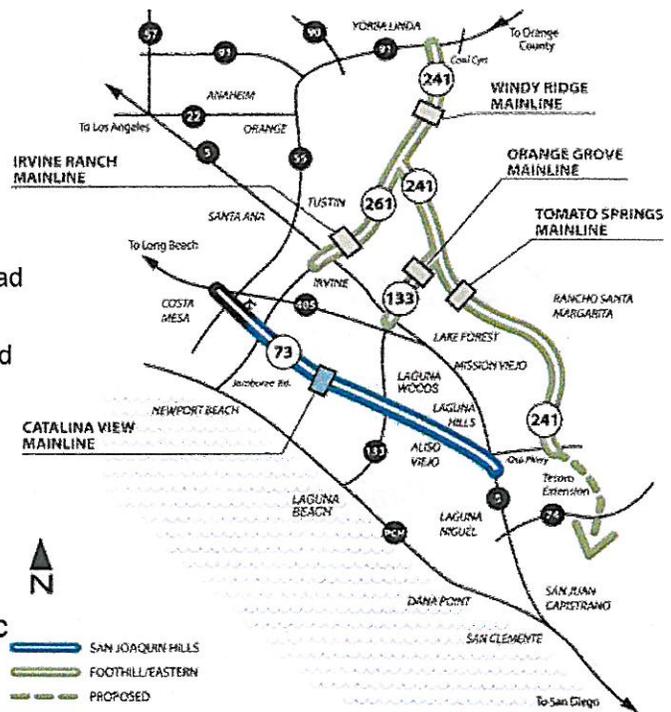
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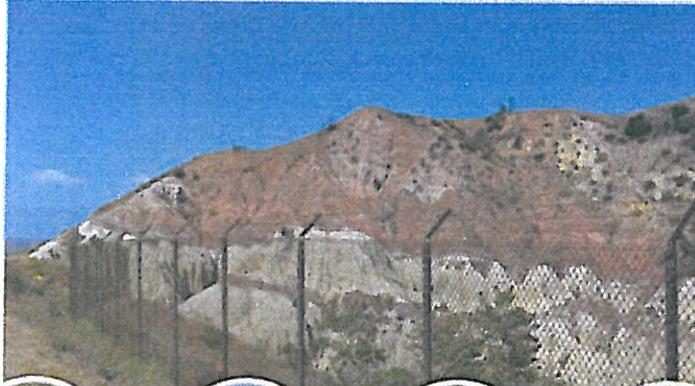


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