

OC Go Environmental Mitigation Program

August 10, 2021



- Measure M2 (OC Go) approved - November 2006
- Innovative Freeway Environmental Mitigation Program (EMP)
 - Offsets biological impacts of 13 OC Go freeway projects
 - Purchase of conservation lands (Preserves)
 - Provides funding for habitat restoration
- Approximately 5% of the OC Go freeway program revenue



EMP Components
















- Conservation Plan
- Environmental Documents
- Clean Water Act Permits
- Streamlined Permitting through Partnerships with:
 - California Department of Transportation
 - State and federal wildlife agencies
 - State and federal regulatory agencies



Conservation Planning Process and Covered Species



- Well-defined, achievable project
- Necessary baseline information
- Appropriate regulatory process
- A conservation strategy that works
- Good partners

BIRDS					
	COMMON NAME	Cactus wren	Coastal California gnatcatcher	Least Bell's vireo	Southwestern willow flycatcher
	REPTILES				
		COMMON NAME	Coast horned lizard	Orangethroat whiptail	Western pond turtle
PLANTS					
		COMMON NAME	Intermediate mariposa lily	Many-stemmed dudleya	Southern tarplant
	MAMMALS				
		COMMON NAME	Bobcat	Mountain lion	
FISH					
		COMMON NAME	Arroyo chub		



OCTA Preserves and Restoration Projects



- Seven Preserves acquired and permanently protected
 - 1,300 acres
- 11 restoration projects
 - 350 acres
 - native habitat
- 1 dam removal project

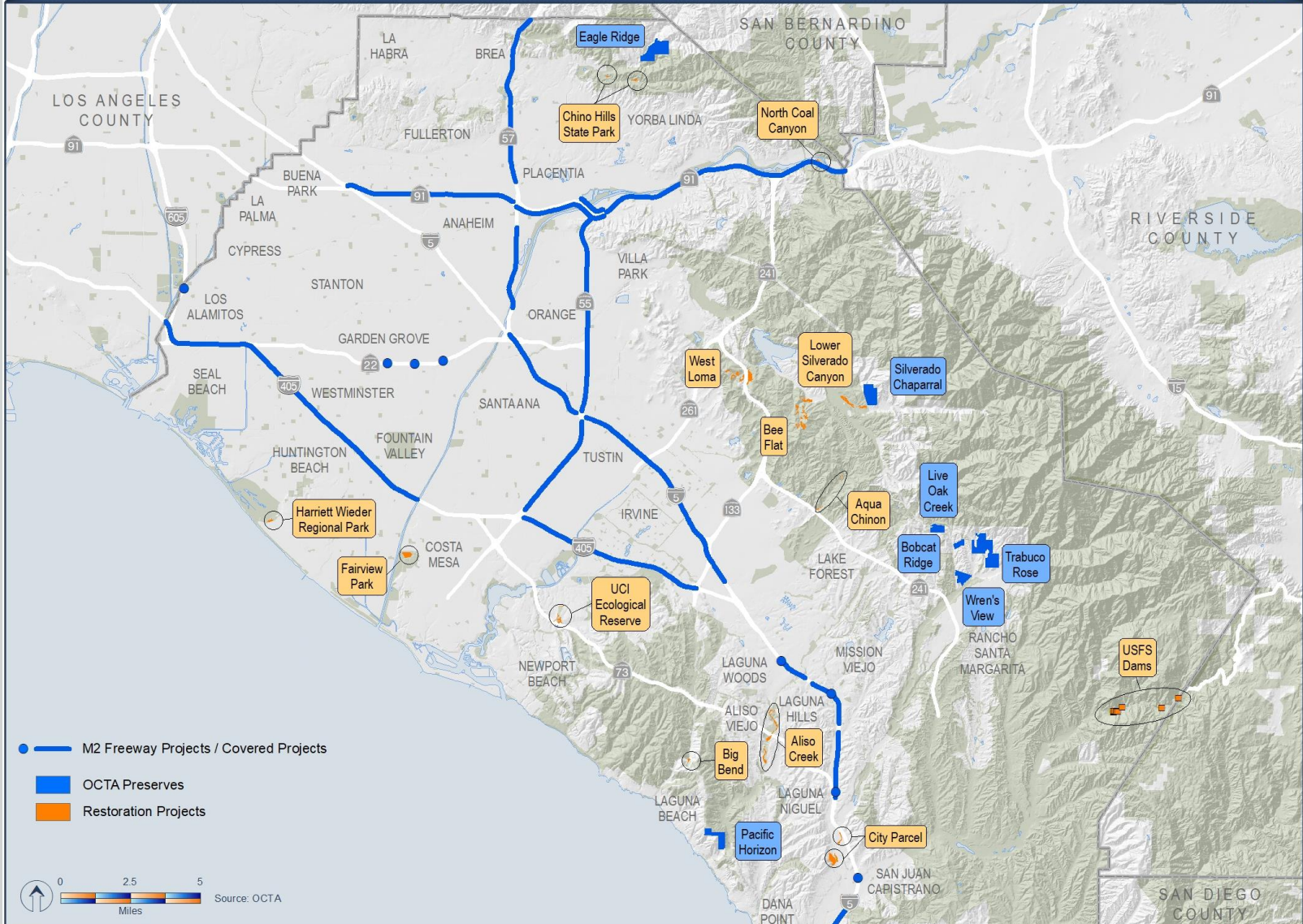




Acquisition and Restoration



OCTA NCCP/HCP Preserves and Funded Restoration Projects

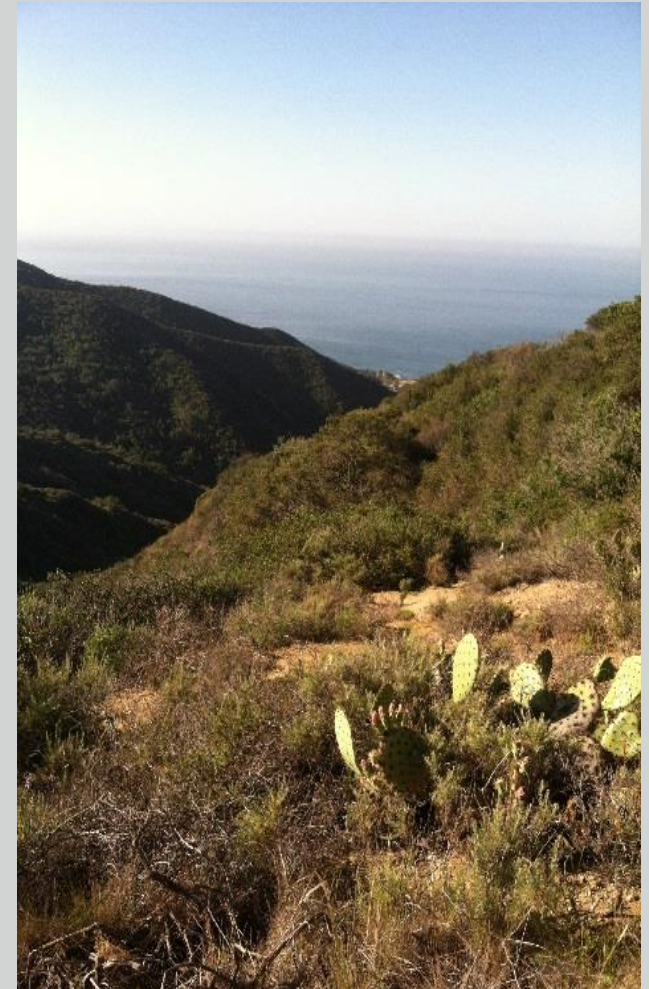




Silverado Chaparral



Pacific Horizon





Live Oak Creek



Trabuco Rose





Preserves Wildlife – Mountain Lion



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Big Bend Restoration Project





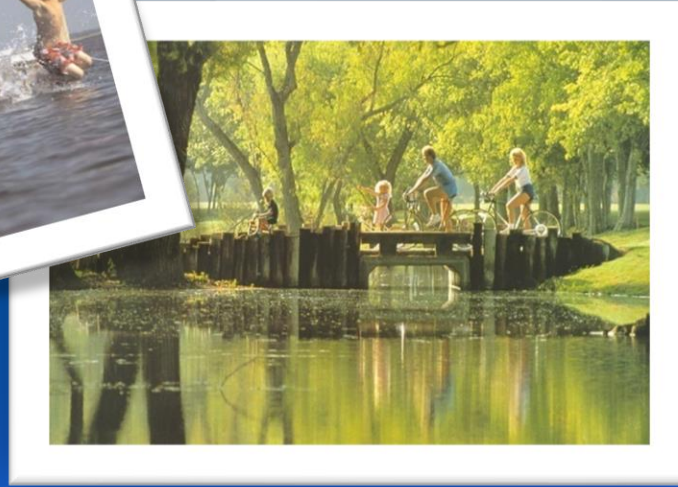
Federal Highway Administration Case Study



Federal Highway Administration (FHWA) Environmental Review Toolkit

- Posted in June 2021





OC Go Environmental Cleanup Program

August 10, 2021

Background

- M2 - Water Quality Program Component
- Environmental Cleanup Allocation Committee
- Program Requirements
 - Transportation related
 - Competitive process
 - Capital improvements, cost effective
 - Not to supplant funding or mitigation

Eligible Applicants

Lead Agencies

- Orange County cities
- County of Orange

Joint Application Partnerships

- Water/Wastewater public entities
- Environmental resource organizations
- Non-profit 501 (c) environmental institutions
- Homeowner's associations

Two Tier Funding Programs

Ultimate funding projected to be approx. \$228 million
(as of 2021)

Tier 1

- 20% local match
- Annual call for projects since 2011
- ~\$2.8 million available per call

Tier 2

- 50% match
- 2012 & 2013 call for projects
- Next call amount – TBD

Tier 1 Grant Program

- More visible forms of pollutants (trash & debris)
- Purchase and installation of catch basin related best management practices (BMPs)
 - screens
 - filters
 - inserts
 - street scale low flow diversion devices
- \$500,000 maximum per applicant

Tier 1 Grant Program To Date

- 199 projects funded (approximately \$30 M) between 2011 and 2021
- Nearly 33 million gallons of trash captured since inception of program
- Board approved ten projects in the amount of ~\$2.7 million on Aug 9, 2021

Tier 1 Automatic Retractable Screen



Tier 1 Marina Trash Skimmer



Tier 2 Grant Program

- Capital intensive BMP comprehensive pollutant mitigation projects
- Large scale, such as wetlands, infiltration basins, etc.
- Encourages partnerships and leveraging matching funds
- \$5 million maximum per project

Tier 2 Grant Program to Date

- First call (2012): eight funded projects
 - \$12.7 million awarded
- Second call (2013): 14 funded projects
 - \$15.2 million awarded
- Evaluating potential for call in 2022

Tier 2 Project: Infiltration/Detention



Tier 2 Project: Bioswale



Next Steps

- Tier 1 Grant Program
 - Refine the Comprehensive Transportation Funding Programs (CTFP) Guidelines
 - Issue 2022 call for projects
 - Continue to assess future needs of program

Next Steps (continued)

- Tier 2 Grant Program
 - Refine CTFP Guidelines
 - Continue to assess future needs of program
 - Engage ECAC and eligible agencies to determine if shovel ready Tier 2 projects exist
 - Evaluate demand for 2022 call