

OCTA M2 Environmental Mitigation Program:
Overview
January 28, 2022



Presentation Overview



- Introduction to the Environmental Mitigation Program (EMP)
- Building Blocks to the EMP
- The Role of the Environmental Oversight Committee
- Launch of the EMP



Measure M1

1990-2011

54.8%

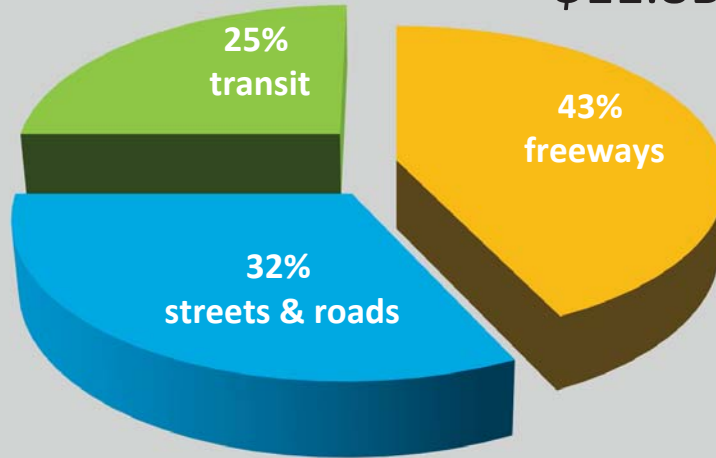
\$3.1B

Measure M2

2011-2041

69.7%

\$11.8B



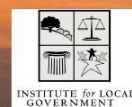
**SPECIAL THANKS TO THE GENEROUS SPONSORS
of this
Resource Conservation Conference**

Building Industry Association
City of Huntington Beach
GreenInfo Network
Hyatt Regency Huntington Beach
Irvine Ranch Land Reserve Trust
Irvine Ranch Water District
**Metropolitan Water District of
Southern California**

OC Community Foundation
OC Business Council
OC Transportation Authority
Public Health Services of OC
Shilts Consulting
Shute, Mihaly & Weinberger
The Irvine Company
The Robert Mayer Corporation

September 16, 2005
Hyatt Regency Huntington Beach

Presented By:





San Diego Sets the Example



- ½ cent sales tax measure: TransNet
- Included Advance Mitigation
- Estimated \$880 million
- Advanced county’s conservation priorities



Environmental Set Asides



Freeway Projects (in millions)			\$4,871
I-5	Santa Ana Freeway Interchange Improvements	A	\$470.0
I-5	Santa Ana/San Diego Freeway Improvements	B C D	1,185.2
SR-22	Garden Grove Freeway Access Improvements	E	120.0
SR-55	Costa Mesa Freeway Improvements	F	366.0
SR-57	Orange Freeway Improvements	G	258.7
SR-91	Riverside Freeway Improvements	H I J	1,481.5
I-405	San Diego Freeway Improvements	K L	819.7
I-605	Freeway Access Improvements	M	20.0
All	Freeway Service Patrol	N	150.0



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Project A: I-5 Improvements

\$470 million x 5% = \$23.5 million

\$470 million x 8% = \$37.6 million





Piecemeal Approach



Programmatic Approach



Freeway Projects (in millions)

\$4,871.1

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Project A - N

\$4.87 billion x 5% = \$243.5 million

\$4.87 billion x 8% = \$389.6 million





Deal Breakers



241 Toll Road Extension



Forest Tunnel



Santa Ana River Freeway

13



Key Components



- **Allocate:** 5% of Net Revenues (Fwys)
- **Distribute:** 3 Types
- **Maintain:** Wildlife Corridors
- **Ensure:** Net Environmental Benefit
- **Establish:** Oversight Committee

14



M2 Environmental Coalition



Acorn Naturalists
 Amigos de Bolsa Chica
 California Cultural Resource
 Preservation Alliance
 California Oaks Foundation
 Canyon Land Conservation Fund
 Chino Hills State Park Interpretive
 Association
 Endangered Habitats League
 Friends of Coyote Hills
 Friends of Harbors, Beaches and Parks
 Friends of Newport Coast
 Hills For Everyone
 Inland Empire Waterkeeper
 Inter Canyon League
 Laguna Canyon Conservancy

Laguna Greenbelt, Inc.
 Latino Health Access
 Newport Bay Conservancy
 Orange County Coastkeeper
 Orange County Interfaith Coalition
 for the Environment
 Planning and Conservation League
 Saddleback Canyons Conservancy
 Silverado-Modjeska Recreation and
 Park District
 Stop Polluting Our Newport
 The Acorn Group
 The Conservation Fund
 The Nature Conservancy
 The Trust for Public Land
 Wild Heritage Planners
 Women For: Orange County



Environmental Support



2 Park Plaza, Suite 100
 Irvine, CA 92614

Yes on M, a Committee of law enforcement, employers, environmentalists, property owners, and labor to Renew Measure M, Major Funding by Automobile Club of Southern California and Orange County Business Council.

Reducing Traffic Congestion and Protecting the Environment —

It can happen with Measure M.

"Voting to renew Measure M is a vote for relieving traffic congestion and a vote to preserve our quality of life."

— Ian Watt, President
 Friends of Harbors, Beaches and Parks

Vote Yes to Renew Measure M

Renewing Measure M will help prevent pollution in our ocean and local streams.

Join us in supporting **Yes on M**

Acorn Naturalists
 Amigos de Bolsa Chica
 California Cultural Resource Preservation Alliance
 California Oaks Foundation
 Canyon Land Conservation Fund
 Earth Resource Foundation
 Endangered Habitats League
 Friends of Harbors, Beaches and Parks
 Friends of Coyote Hills
 Friends of Newport Coast
 Hills For Everyone
 Inland Empire Waterkeeper
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 Inter Canyon League
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 Newport Bay Naturalists & Friends
 Orange County Coastkeeper
 Orange County Interfaith Coalition for the Environment
 Planning and Conservation League
 Saddleback Canyons Conservancy
 Silverado-Modjeska Recreation & Park District
 Stop Polluting Our Newport
 The Conservation Fund
 The Nature Conservancy
 The Trust for Public Land
 Wild Heritage Planners
 Women For: Orange County

The Renewed Measure M will strengthen environmental protections, not only for us, but also for future generations.

"We enjoy a special quality of life in Orange County that is centered around our coastline, beaches, and other natural areas. Measure M will provide funding for environmental cleanup programs that reduce pollution and purify our waters above and beyond existing programs."

— Garry Brown, Executive Director
 Orange County Coastkeepers

"As a part of the freeway improvements, Measure M includes innovative environmental protection programs for our canyons and coastal areas that will keep our communities healthy."

— Dan Silver M.D., Executive Director
 Endangered Habitats League

Voting Yes to renew Measure M will:

- ✓ Improve freeway travel on SR-91, I-5, I-405, SR-55 and SR-57
- ✓ Fix potholes and resurface neighborhood streets
- ✓ Synchronize traffic signals throughout Orange County
- ✓ Expand transit options for seniors and persons with disabilities

For more information visit www.RenewMeasureM.org.

On November 7th, Vote Yes on Measure M — help keep our beaches and waterways clean.



“The collaborative effort between OCTA and the Environmental Coalition has been instrumental in the success we have enjoyed for this program and preserving our legacy for future generations.”

-- Will Kempton
Former OCTA CEO



17

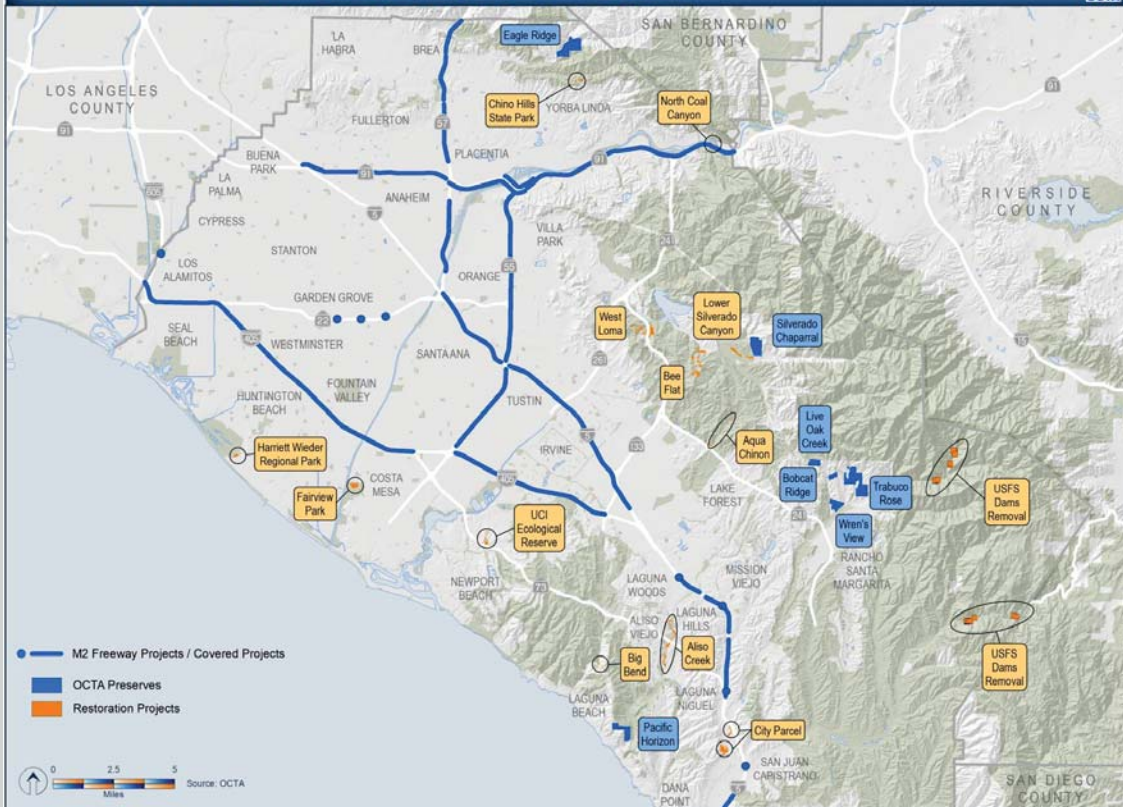


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18



OCTA Preserves and Funded Restoration Projects



EMP Components



- Conservation Plan
- Environmental documents
- Clean Water Act permits
- Streamlined permitting through partnerships with
 - California Department of Transportation (Caltrans)
 - State and federal wildlife agencies
 - State and federal regulatory agencies
- Support from environmental community



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

Define impacts quantitatively.

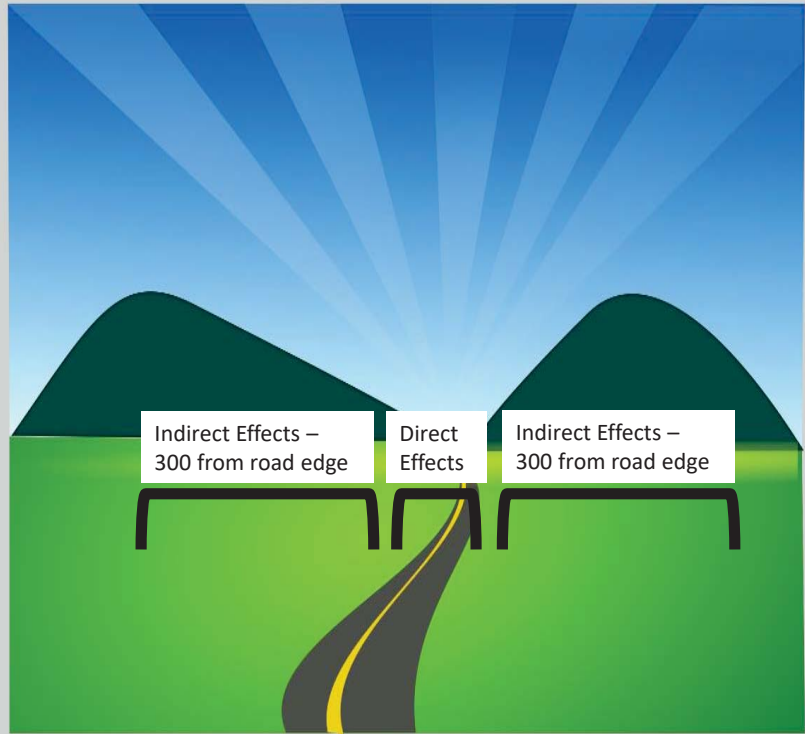


Figure 4. Opportunity Areas within Cores and Linkages.



Covered Species



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



Conservation Plan Master Agreement



- Signed by all Parties
 - OCTA
 - United States Fish and Wildlife Service
 - California Department of Fish and Wildlife
 - Caltrans
- Outlined the roles, responsibilities and objectives



- Introduction to the Environmental Mitigation Program (EMP)
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25



- OCTA Committee
- 12 Representatives
 - Environmental Coalition
 - Resource Agencies
 - OCTA Full Board
 - Caltrans



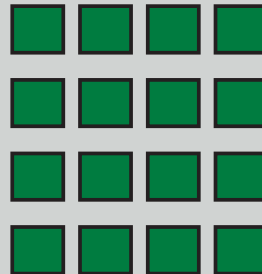
2014

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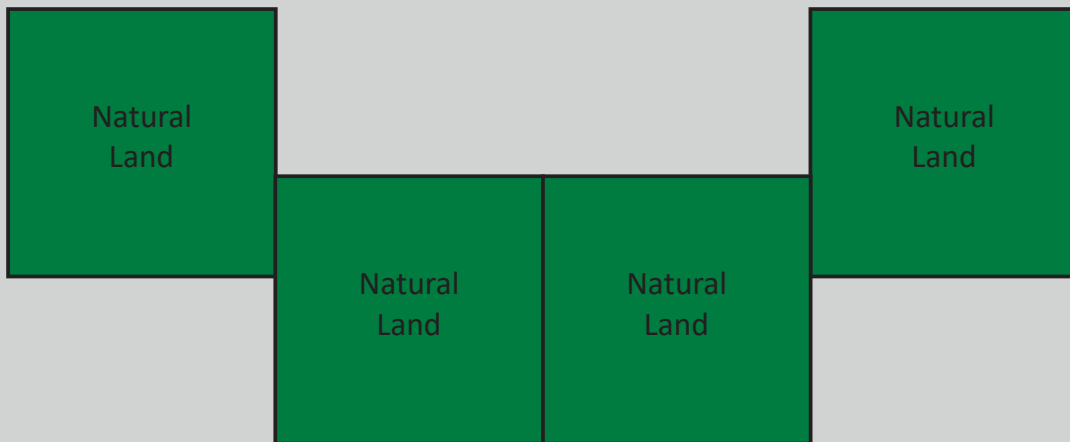




Bigger is better.

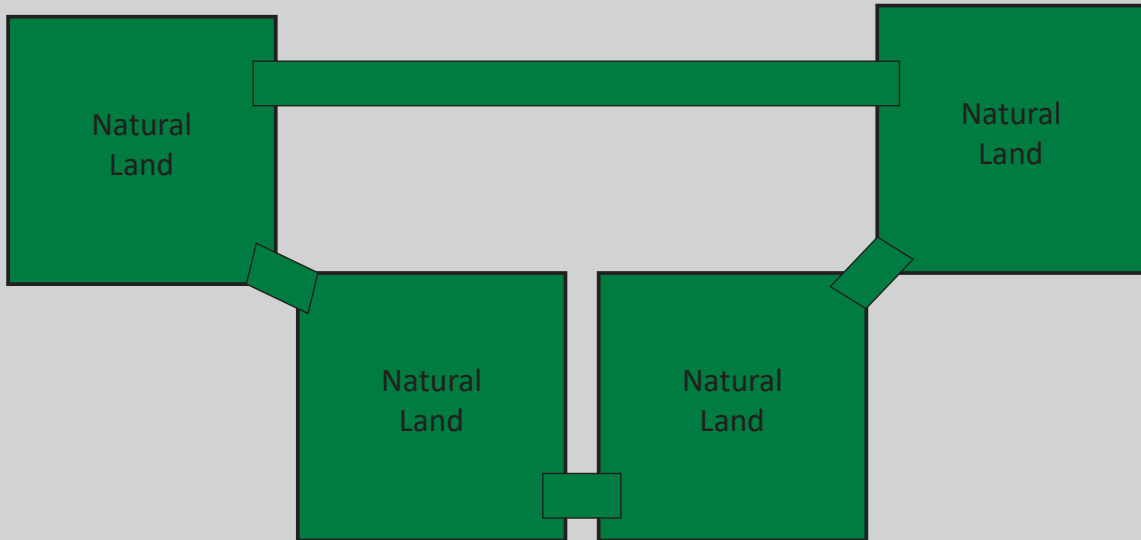


Contiguous is better.

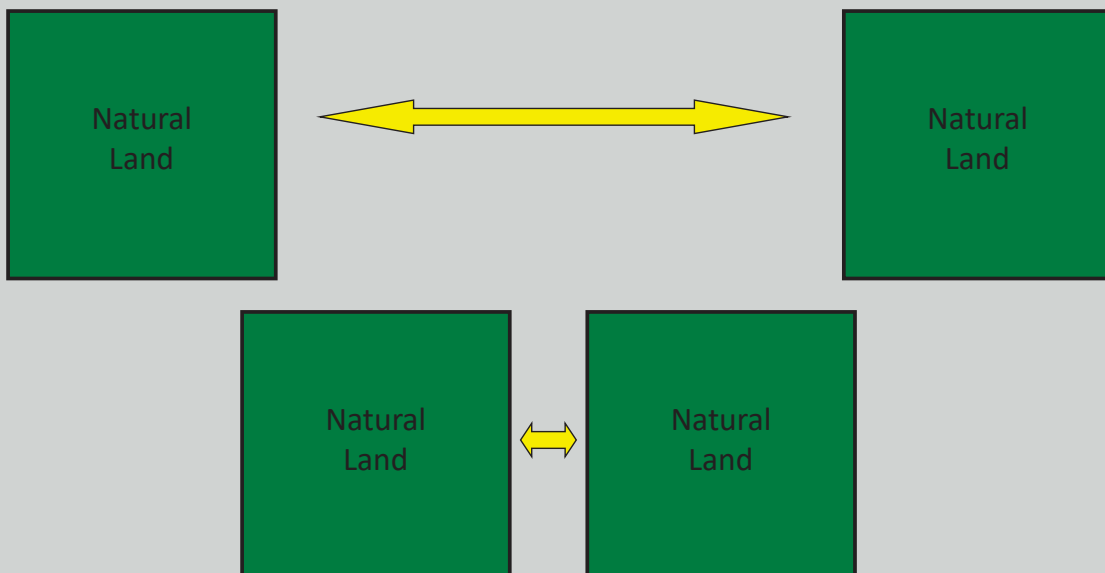




Connected is better.

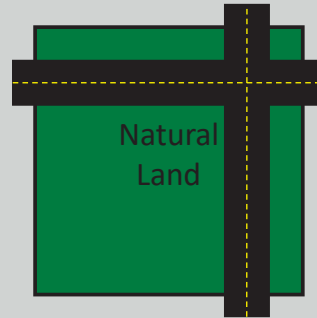


Closer is better.

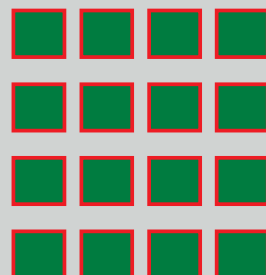
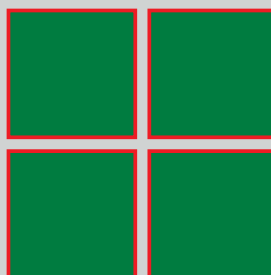




Roadless is better.

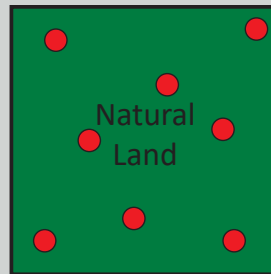
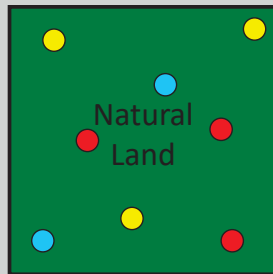


Fewer edges are better.

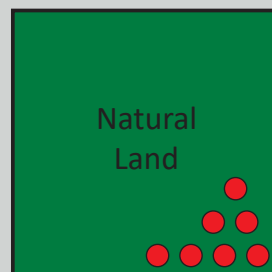
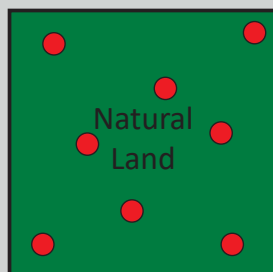




Species diversity is better.

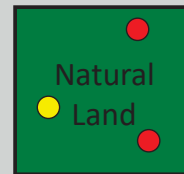
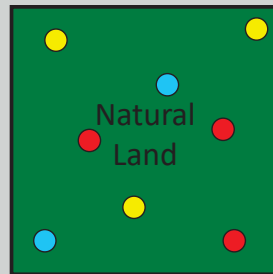


Species should be well distributed.





Bigger habitats have more species.



The landscape shows a different story.





Evaluation Criteria Creation



39



Green Vision Map



40



“This program is the prime example of how development and the environment can co-exist.”

-- The Honorable Patricia Bates
Senator, District 36



41



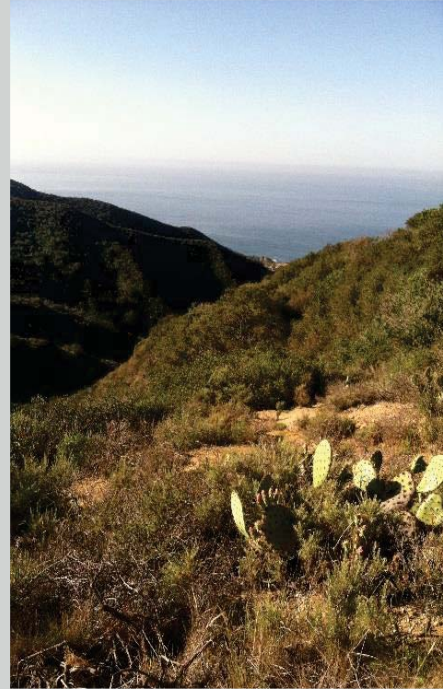
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42



Silverado Chaparral

Pacific Horizon



Silverado Canyon – 200 acres

Laguna Beach – 150 acres 43



Live Oak Creek

Trabuco Rose



Trabuco Canyon – 85 acres

Trabuco Canyon – 400 acres



Wren's View



Trabuco Canyon – 120 acres

Bobcat Ridge



Trabuco Canyon – 50 acres



Eagle Ridge



Brea – 300 acres



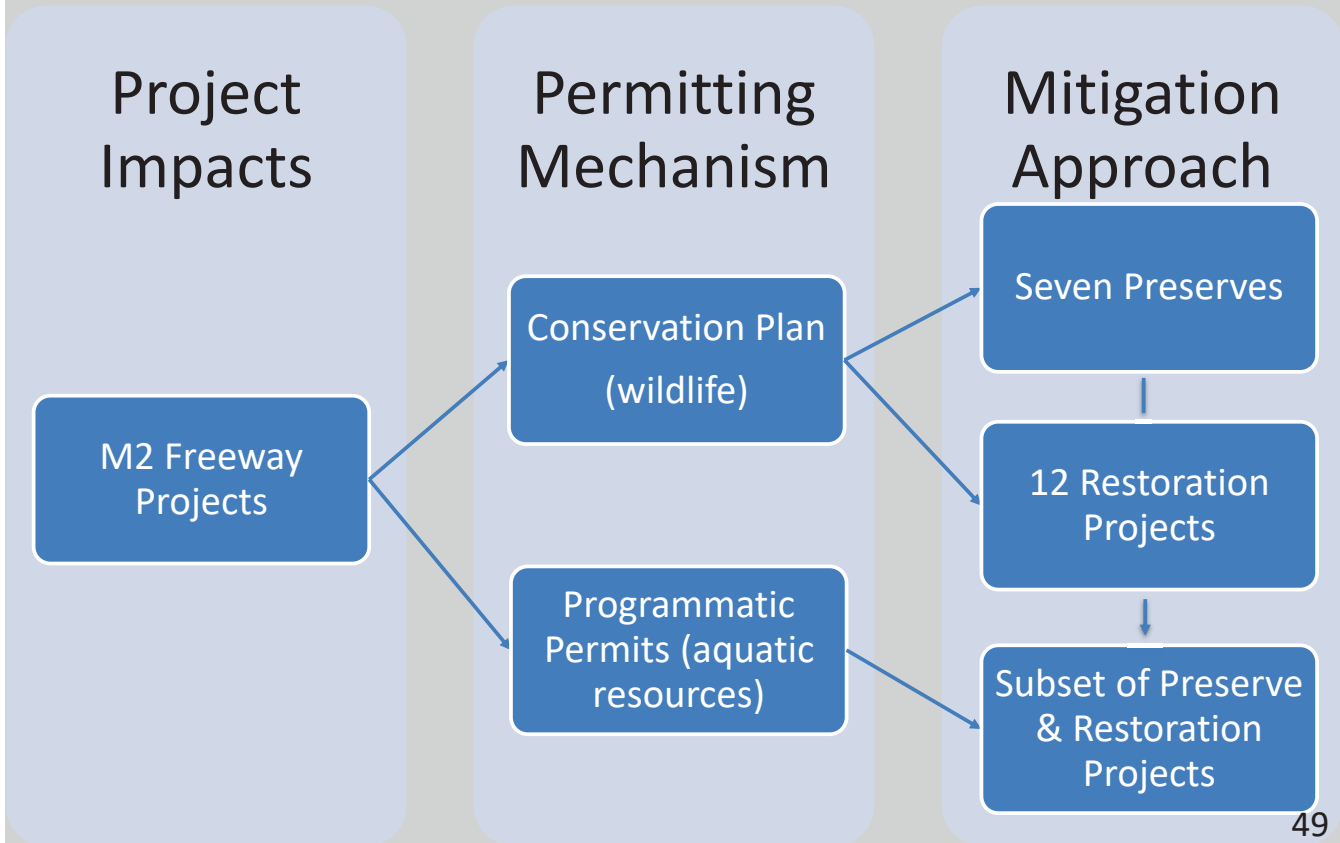
Big Bend



Photos Courtesy of Laguna Canyon Foundation



- Certainty in Endangered Species Act (ESA) permitting
 - Coverage of unlisted species under NCCP
 - No surprise clause
- Upfront agreements on impacts and mitigation
- Broader perspective on habitat conservation
- Long-term management and monitoring of habitat quality
- Permits for all M2 freeway projects



- Hikes
- Videos

- Rides
- Website

<http://octa.net/About-OC-Go/OC-Go-Environmental-Programs/Environmental-Mitigation-Program/>



Next Steps

Implement OC Go freeway projects and utilize and track comprehensive mitigation

Manage Preserves on an interim basis

Continue to establish/monitor endowment

Continue to monitor the restoration projects

Complete Fire Management Plans and updates to plans as needed

Identify long-term land manager(s) and title holder(s)

51



- Consider all of your mitigation needs
- Well-defined, achievable project
- One size does not fit all
- Necessary baseline information
- Appropriate regulatory process
- Assurances established
- Good partners

52