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
Orange County’s M1 & M2

**Measure M1**
1990-2011
54.8%
$3.1B

**Measure M2**
2011-2041
69.7%
$11.8B

- **Transit**: 25%
- **Freeways**: 43%
- **Streets & Roads**: 32%

Resource Conservation Conference

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

Presented By:

September 16, 2005
Hyatt Regency Huntington Beach
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

<table>
<thead>
<tr>
<th>Freeway Projects (in millions)</th>
<th></th>
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<tbody>
<tr>
<td>I-5</td>
<td>Santa Ana Freeway Interchange Improvements</td>
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<td>I-605</td>
<td>Freeway Access Improvements</td>
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<tr>
<td>All</td>
<td>Freeway Service Patrol</td>
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</tbody>
</table>
Environmental Set Asides

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)

<table>
<thead>
<tr>
<th>Freeway</th>
<th>Project Description</th>
<th>Amount (in millions)</th>
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<tr>
<td>I-5</td>
<td>Santa Ana Freeway Interchange Improvements</td>
<td>$470.0</td>
</tr>
<tr>
<td>I-5</td>
<td>Santa Ana/San Diego Freeway Improvements</td>
<td>$1,185.2</td>
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<td>SR-22</td>
<td>Garden Grove Freeway Access Improvements</td>
<td>$120.0</td>
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<tr>
<td>SR-55</td>
<td>Costa Mesa Freeway Improvements</td>
<td>$366.0</td>
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<td>SR-57</td>
<td>Orange Freeway Improvements</td>
<td>$258.7</td>
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<tr>
<td>SR-91</td>
<td>Riverside Freeway Improvements</td>
<td>$1,481.5</td>
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<td>I-405</td>
<td>San Diego Freeway Improvements</td>
<td>$819.7</td>
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<tr>
<td>I-605</td>
<td>Freeway Access Improvements</td>
<td>$20.0</td>
</tr>
<tr>
<td>All</td>
<td>Freeway Service Patrol</td>
<td>$150.0</td>
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</table>
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

Key Components

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

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."

Vote Yes to Renew Measure M

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 coastlines, beaches, and other natural areas. Measure M will provide funding for environmental cleanup programs that make our waters cleaner and offer our children and grandchildren clean beaches to enjoy."— Gary Brown, Executive Director, Orange County Coastkeepers

"As a part of the freeway improvements, Measure M includes innovative environmental protection programs for our rivers and coastal areas that will keep our communities healthy."— Dan Silva, M.D., Executive Director, Environmental Defense

Voting Yes to renew Measure M will:
- Fix potholes and resurface neighborhood streets
- Synchronize traffic signals throughout Orange County
- Expand transit options for seniors and persons with disabilities

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

• Introduction to the Environmental Mitigation Program (EMP)

✓ Building Blocks to the EMP

• The Role of the Environmental Oversight Committee

• Launch of the EMP
Building Blocks to the EMP

- 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
Defined Needs

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

Define impacts quantitatively.

Conservation Assessment

Figure 4: Opportunity Areas within Cores and Linkages.
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)

Building Blocks to the EMP

The Role of the Environmental Oversight Committee

Launch of the EMP

OCTA Committee

12 Representatives

- Environmental Coalition
- Resource Agencies
- OCTA Full Board
- Caltrans
Bigger is better.

Contiguous is better.
Science Tells Us...

**Connected is better.**

- Natural Land
- Natural Land

Science Tells Us...

**Closer is better.**

- Natural Land
- Natural Land
Science Tells Us...

Roadless is better.

Science Tells Us...

Fewer edges are better.
Species diversity is better.

Species should be well distributed.
Science Tells Us...

Bigger habitats have more species.

Reality Tells Us...

The landscape shows a different story.
"This program is the prime example of how development and the environment can co-exist."

-- The Honorable Patricia Bates
Senator, District 36

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✓ Launch of the EMP
Preserves

**Silverado Chaparral**
Silverado Canyon – 200 acres

**Pacific Horizon**
Laguna Beach – 150 acres

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Preserves

**Live Oak Creek**
Trabuco Canyon – 85 acres

**Trabuco Rose**
Trabuco Canyon – 400 acres
Wren’s View
Trabuco Canyon – 120 acres

Bobcat Ridge
Trabuco Canyon – 50 acres

Eagle Ridge
Brea – 300 acres
Restoration Projects

Big Bend

Photos Courtesy of Laguna Canyon Foundation

Why a NCCP/HCP fit OCTA

- 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
Conservation Strategy

Project Impacts
- M2 Freeway Projects

Permitting Mechanism
- Conservation Plan (wildlife)
- Programmatic Permits (aquatic resources)

Mitigation Approach
- Seven Preserves
- 12 Restoration Projects
- Subset of Preserve & Restoration Projects

Outreach
- Hikes
- Videos
- Rides
- Website

http://octa.net/About-OC-Go/OC-Go-Environmental-Programs/Environmental-Mitigation-Program/
## Next Steps

<table>
<thead>
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<tbody>
<tr>
<td>Implement OC Go freeway projects and utilize and track comprehensive mitigation</td>
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<tr>
<td>Manage Preserves on an interim basis</td>
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<tr>
<td>Continue to establish/monitor endowment</td>
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<tr>
<td>Continue to monitor the restoration projects</td>
</tr>
<tr>
<td>Complete Fire Management Plans and updates to plans as needed</td>
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<tr>
<td>Identify long-term land manager(s) and title holder(s)</td>
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## Key Take Aways

- 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