

Lake 29-Expressway Project

Informational Report

CTC Town Hall

April 11, 2018

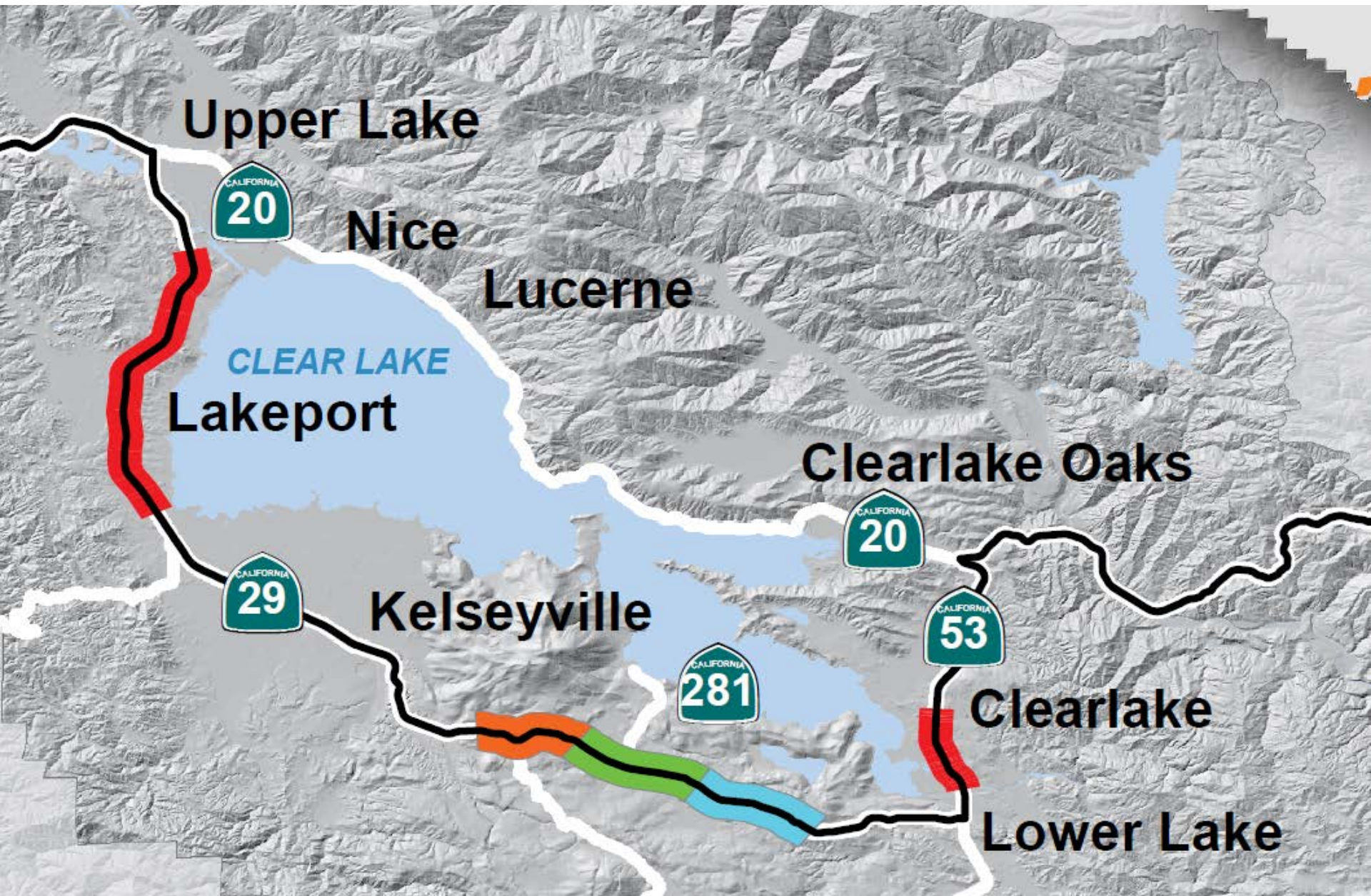
Nephele Barrett, Lake APC

Richard Mullen, Caltrans

Presentation Outline

- Project Need
- Project Overview
- Lake APC/Caltrans Partnership
- Questions

Project Location





Purpose and Need

- **Safety**

- High Fatal Collision Rates

- **Advance Route Concept**

- Freight Mobility
 - Operational Efficiency
 - Traffic Calming on North Shore

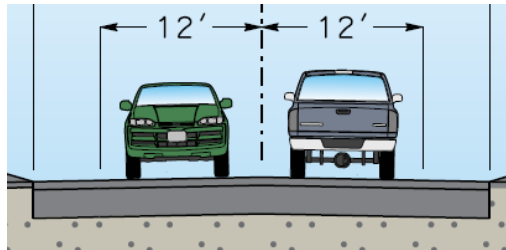


Existing Condition

- **Conventional Highway**

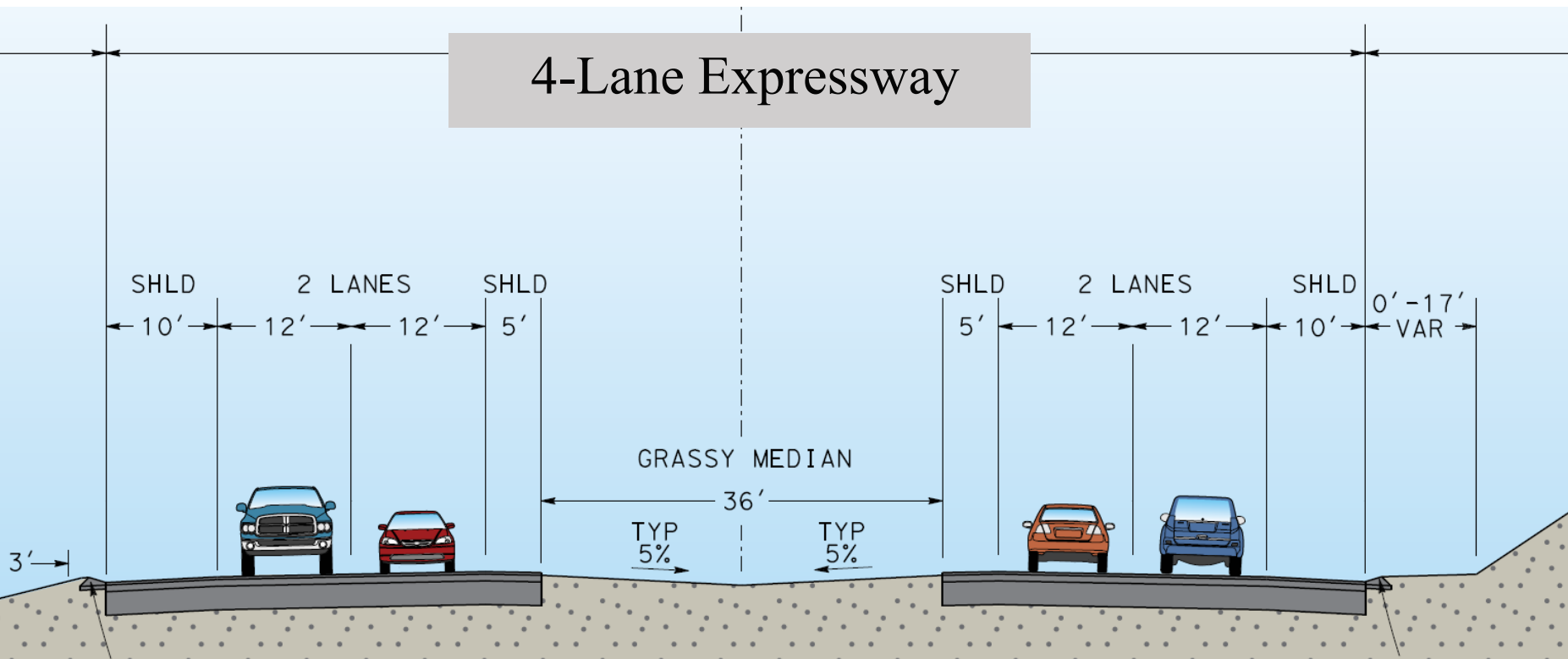
- 8900 ADT
- 2 - 12 ft lanes
- 0 ft - 4 ft shoulder
- Curvilinear Alignment
- Limited Passing

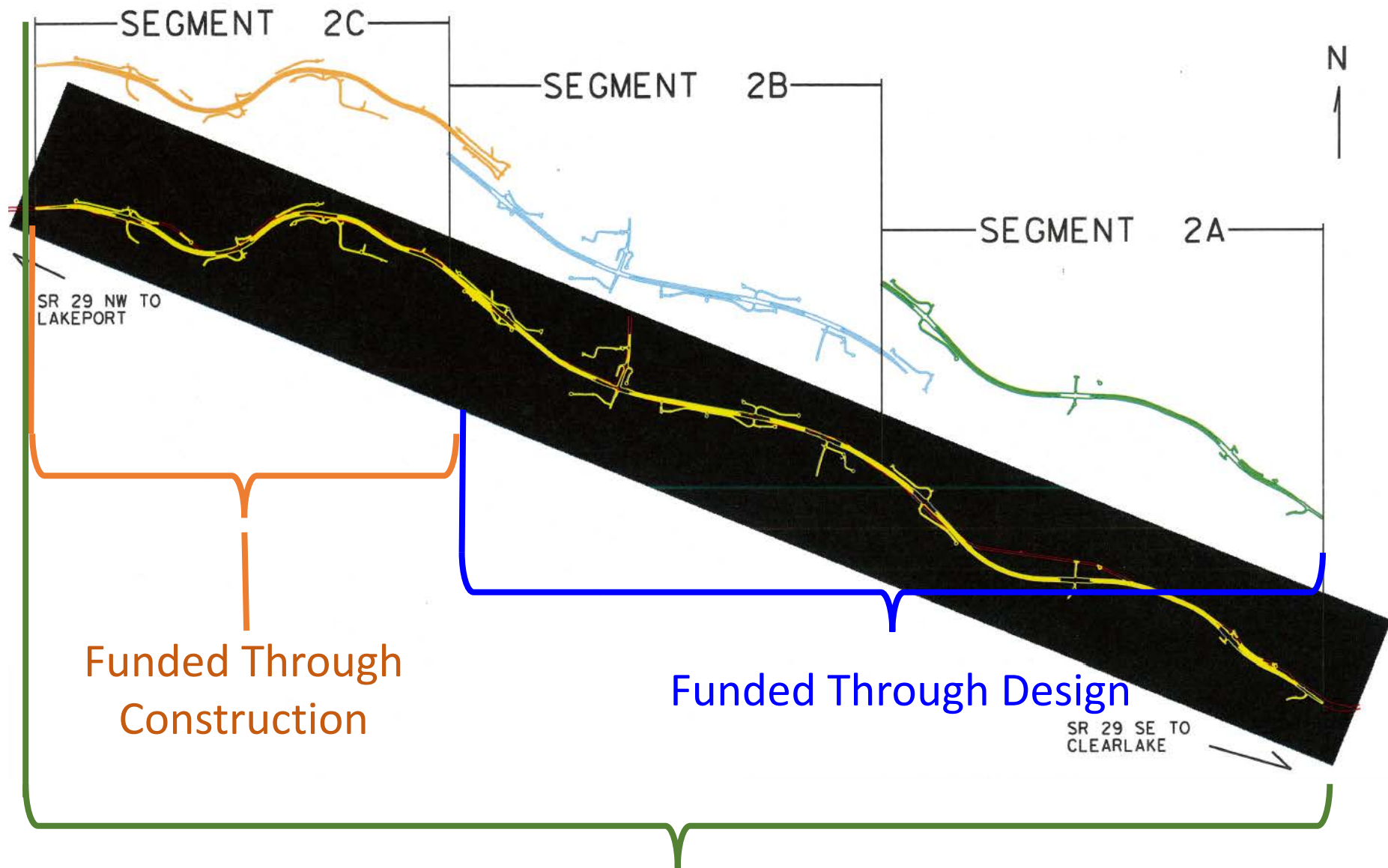




Existing Conventional Highway

4-Lane Expressway





Segment 2C Schedule

Environmental Document	November 2016
Designed and Ready to List	January 2019
Begin Construction	Summer 2019
Complete Construction	Winter 2021

Segment 2C Cost

Construction	\$61M
Right of Way	\$15M
*Support	\$33M
*Includes Environmental Work for Full 8 miles	

Lake APC/Caltrans Partnership

- **STIP Funding**

- Lake APC Commitment since 1989
- RIP and ITIP funding since 1998

- **SHOPP Safety Funding**

- Win-Win for SHOPP and STIP
- \$48M SHOPP of \$87M total

The diagram shows a cross-section of a bridge deck with a central vertical axis labeled 'C'. On the left side, there is an 'EP' (End Point) at 8' from the left edge, followed by an 'Existing' lane of 12' from the EP to the centerline. On the right side, there is an 'Existing' lane of 12' from the centerline to the right edge, followed by an 'EP' at 8' from the right edge. Below the deck, there are elevation markers: '5X' on the left, '2X' near the centerline, '2X' on the right, and '5X' on the far right. A red arrow points to the '5X' marker on the far right.

(67% Collision Reduction)

C/F

ES

ETW

10'

12'

12'

5'

18'

18'

5'

12'

12'

10'

0'-10' Var

18' Min

SLOPE 1:1.5

See Note 2

Typical Section
PM 29.0/31.5

Project Development and Funding: Segments 2A and 2B

- **2018 STIP Funding**
 - Design Fully Funded
- **Construction and Right of Way**
 - \$185M Needed Total
 - Applied for 2017 INFRA
 - Future SB1 Trade Corridor

Questions or Comments