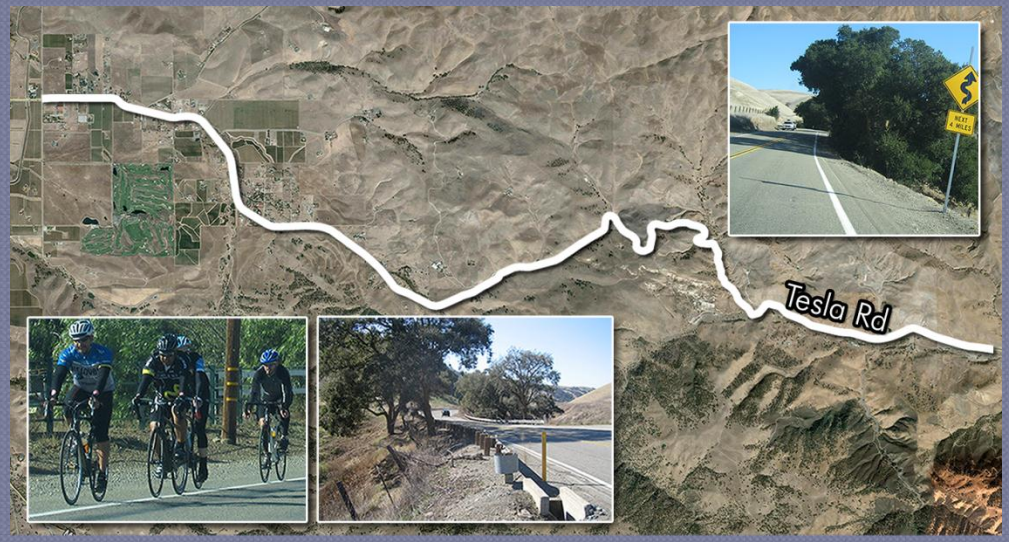
PUBLIC MEETING No. 3
Tesla Road Safety Study

Presentation and Open House



Public Works Agency
Alameda County

June 2, 2015

TY LIN INTERNATIONAL

Welcome & Introductions

Tesla Road Safety Study

Safety Study Goals

- Identify safety needs and community concerns
- Identify/recommend potential countermeasures
- Document potential countermeasures in a Safety Study Report for implementation and funding applications

Purpose of the Public Meeting No. 3

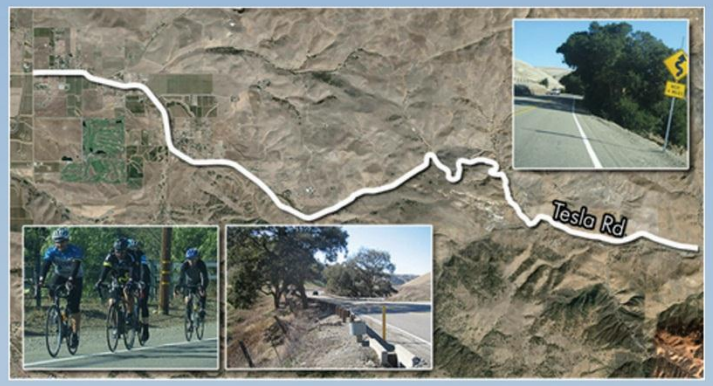
- Presentation of the Final Report
- Open House

Project Overview

- Winter 2012: Collect Traffic Data and Field Review
- March 27, 2013: Public Meeting No. 1
  - Gather Public Input
- 2013 - 2014: Develop Draft Countermeasures
- September 15, 2014: Public Meeting No. 2
  - Present Findings and Obtain Public Feedback
- Winter 2014: Refine Countermeasures
- June 2, 2015: Public Meeting No. 3
  - Present Final Report

TESLA ROAD SAFETY STUDY

REPORT



Prepared for

Public Works Agency
Alameda County

Prepared by

T·Y·LIN INTERNATIONAL

May 2015

Tesla Road Safety Study Report Elements

1. Introduction
2. Background
3. Purpose and Need
4. Existing Roadway Conditions
5. Traffic
6. Collision Statistics
7. Safety Countermeasures
8. Environmental Settings and Constraints
9. Flood Plain, Stormwater Quality and Drainage Requirements
10. Initial Site Assessment
11. Geotechnical Conditions
12. Landscape
13. Community Involvement
14. Appendices

Near Term Countermeasures

- Roadway Safety Signing
- Speed Feedback Signs
- Enforcement Pullout Areas
- Edgeline Striping and Pavement Markers
- Improve Sight Distance (e.g. trim/remove trees)
- Improve/Pave Driveway Approaches
- Guard Rail Replacement
- Transverse Rumble Strips
- Shoulder Grading

Typical Near Term Countermeasures

Additional Signs

Wide Edge Lines

Safety/Enforcement Pull-Out Areas

Reflective Pavement Markers

Improve/Pave Driveway Approach

Trim/Remove Trees

Mid-Term Countermeasures

- 4-foot Wide Paved Shoulders
- Centerline Rumble Strips
- Shoulder Rumble Strips
- Guard Rail Replacement

Typical Mid-Term Countermeasures

4 ft Wide Paved Shoulder

Center Line Rumble Strip

Shoulder Rumble Strips

Long Term Countermeasures

- Curve Realignments
- 8-foot Wide Paved Shoulders

Typical Long Term Countermeasures

8 Foot Wide Paved Shoulders

Realigned Curves to Increase Sight Distance

Next Steps

- Work Towards Implementing Near Term Countermeasures
- Pursue Funding Grants For Safety Countermeasures
- Continue Monitoring Traffic Conditions and Implement Needed Countermeasures to Address Issues

Open House

Tesla Road Safety Study

Final Report On-Line at:

www.acgov.org/pwa