



PROJECT UPDATE

Presented By:

Johnny Wong, P.E., Chief Engineer

Benjamin Ruiz, S.E. Engineer IV

Resource Management Agency



ROAD 224 DEER CREEK BRIDGE PROJECT

November 5, 2013

Road 224 Deer Creek Bridge Project

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Outline

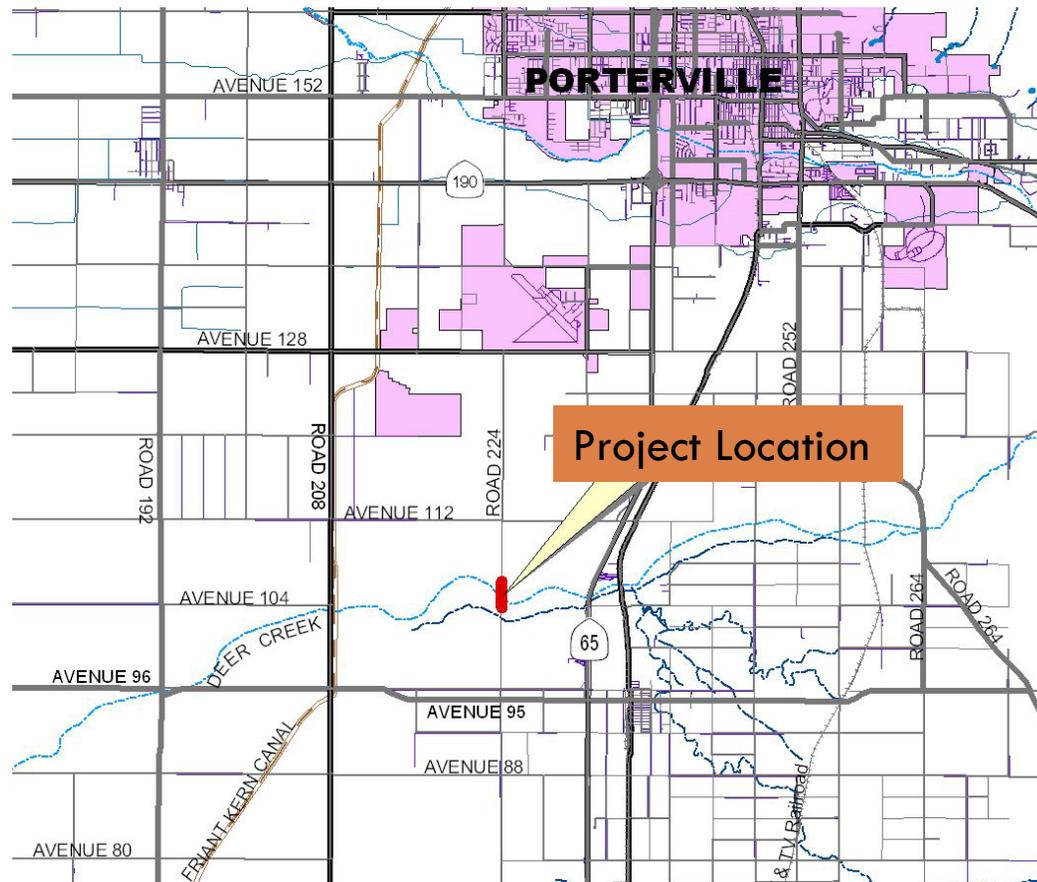
- Project Description/Background
- Project Schedule & Costs
- Public Outreach
- Temporary Alternative
- Questions

Road 224 Deer Creek Bridge Project

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Project Location

- At Road 224 and Deer Creek, south of Porterville



Road 224 Deer Creek Bridge Project

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Project Description/ Background

- ❑ Washed out in December 2010
- ❑ Federal Disaster January 2011
- ❑ FEMA funding available



Road 224 Deer Creek Bridge Project

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Project Description/ Background

- FEMA Repair Estimate:
\$335,000
- FEMA Repair and
Mitigation Estimate:
\$530,000

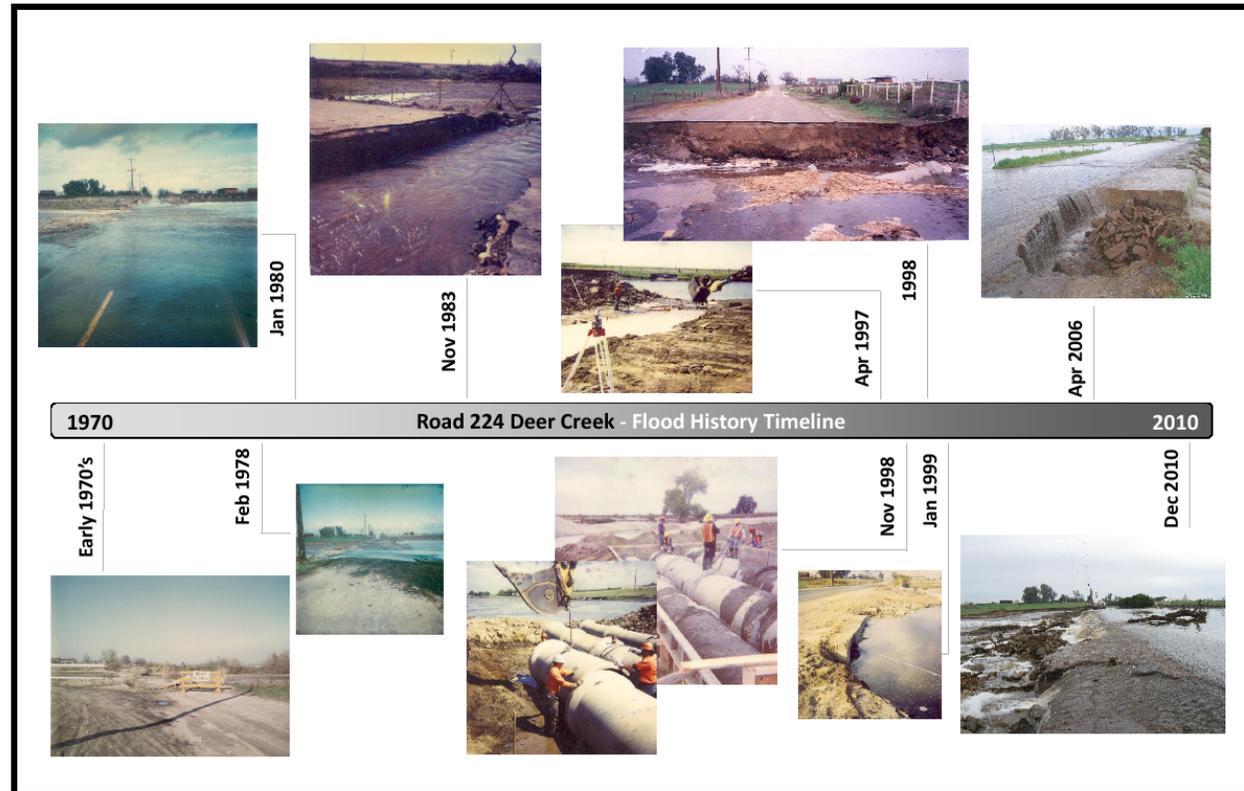


Road 224 Deer Creek Bridge Project

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Project Description/
Background

□ Flooding History



Road 224 Deer Creek Bridge Project

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Project
Description/
Background

Summary of Flooding History By Year

Early 1970's

February 1978

Early 1980

November 1983

April 1997

November 1998

April 2006

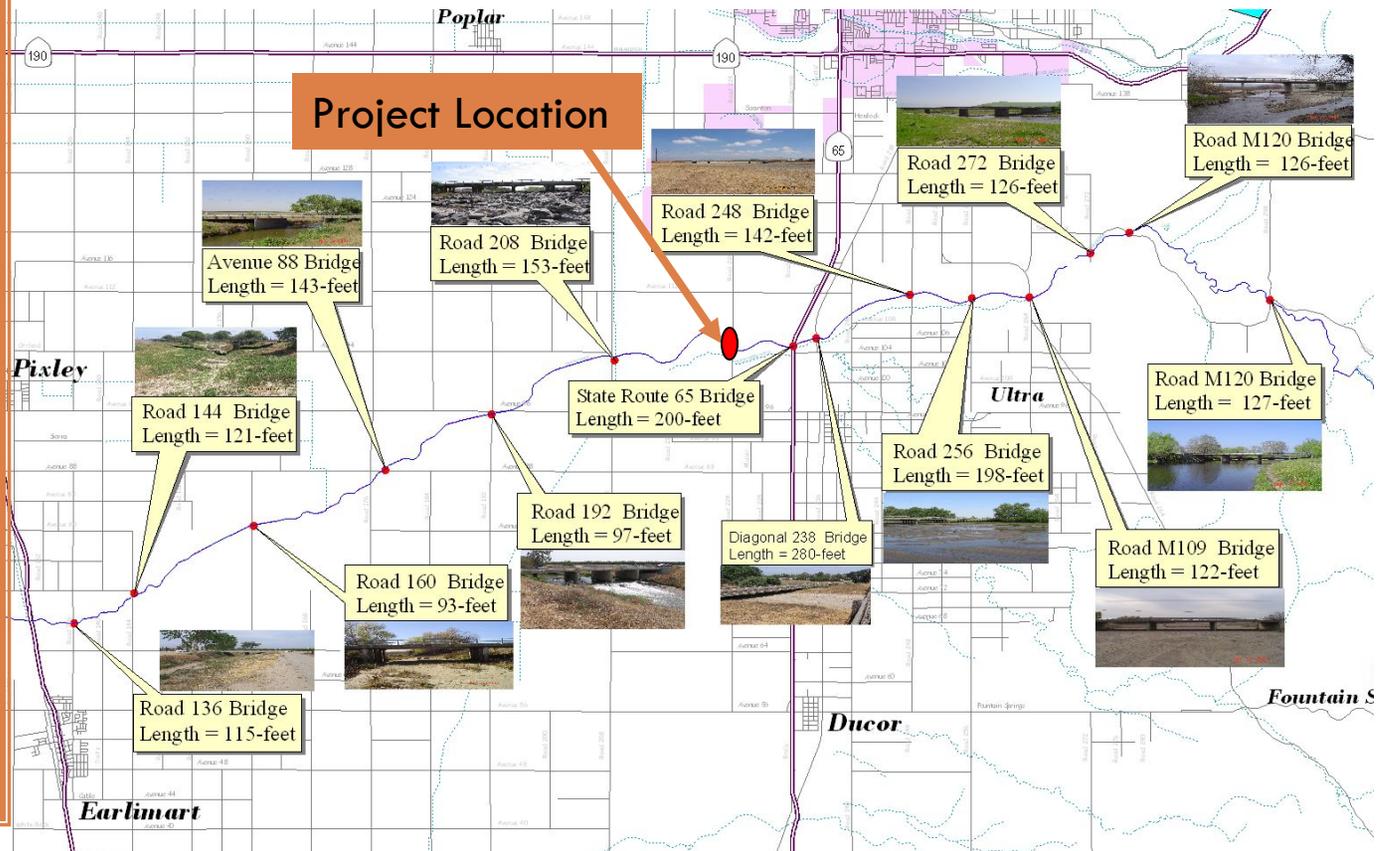
December 2010

Conclusion: Our records show that we have significant flood damage at this site, about twice per decade, or about every 5 years on average, based on available records over approximately the past 40 years

Road 224 Deer Creek Bridge Project

Project Description/ Background

○ Bridges along Deer Creek



Road 224 Deer Creek Bridge Project

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Project Description/ Background

Highway Bridge Program Guidelines

6.2.7 Low Water Crossing Replacement (New Bridge)

“Low water crossings are public road waterway crossings other than bridges where construction improvements have been made in the stream, river or lake bed to provide a firm surface for vehicles to travel across the water course. The crossings are designed and constructed to be passable to traffic most of the year during periods of ordinary stream flow but are impassable to traffic during periods of high water.”

Road 224 Deer Creek Bridge Project

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Project Description/ Background

- Federal Authorization to Proceed May 2012
- Program Supplement Approved July 24, 2012
- FEMA funds de-obligated July 24, 2012
- Retain Specialty Consultants September 2012 thru December 2012

Road 224 Deer Creek Bridge Project

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Project Description/ Background

- ❑ Cast-in-place flat slab bridge
- ❑ Topographic Survey complete
- ❑ Field Review with Caltrans complete
- ❑ Preliminary Hydraulics is complete
- ❑ Geotechnical Investigation is complete
- ❑ Environmental Studies will be complete soon



Road 224 Deer Creek Bridge Project

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Project Schedule & Cost

Funding Programmed

- Preliminary Engineering & Environmental Document: \$ 500,000
 - Right-of-Way: \$ 100,000
 - Construction: \$3,580,000
 - Construction Engineering: \$ 537,000
 - Contingencies: \$ 895,000
-

Total Available: **\$5,612,000**

Target Completion Dates

- Preliminary Engineering & Environmental Document: June 2014
- Final PS&E, Right-of-Way and Permits: December 2014
- Construction: September 2015

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Public Outreach

- Public Information Meeting: September 24, 2013
- Project Information Sign
- Website Updates



Road 224 - Deer Creek Bridge Project

Tulare County - RMA

Projected Completion Date: Fall 2015

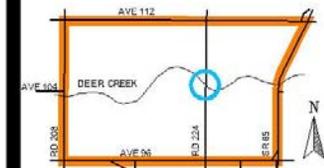
For questions contact:

County of Tulare: Jason Vivian, Bridge Project Engineer: (559) 624-7135

YOUR TAX DOLLARS AT WORK



DETOUR MAP



— Available Detour Routes

○ Project Location

For Project Information:
Scan with Smartphone



Or Visit:

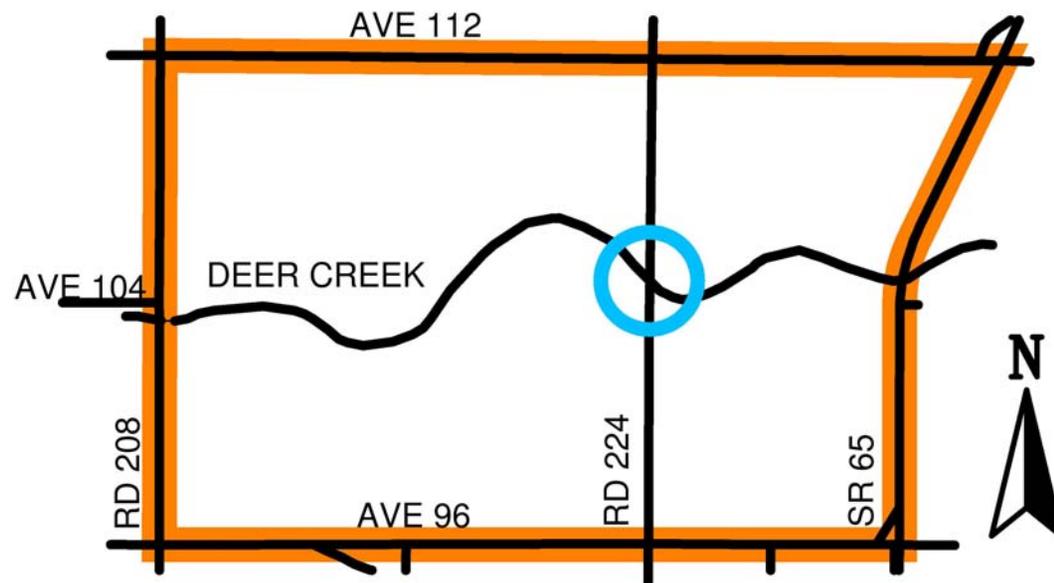
<http://www.tularecounty.ca.gov/rma/>

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Public
Outreach

□ Detour Length: 6 to 8 Miles



— - Available Detour Routes

○ - Project Location

Road 224 Deer Creek Bridge Project

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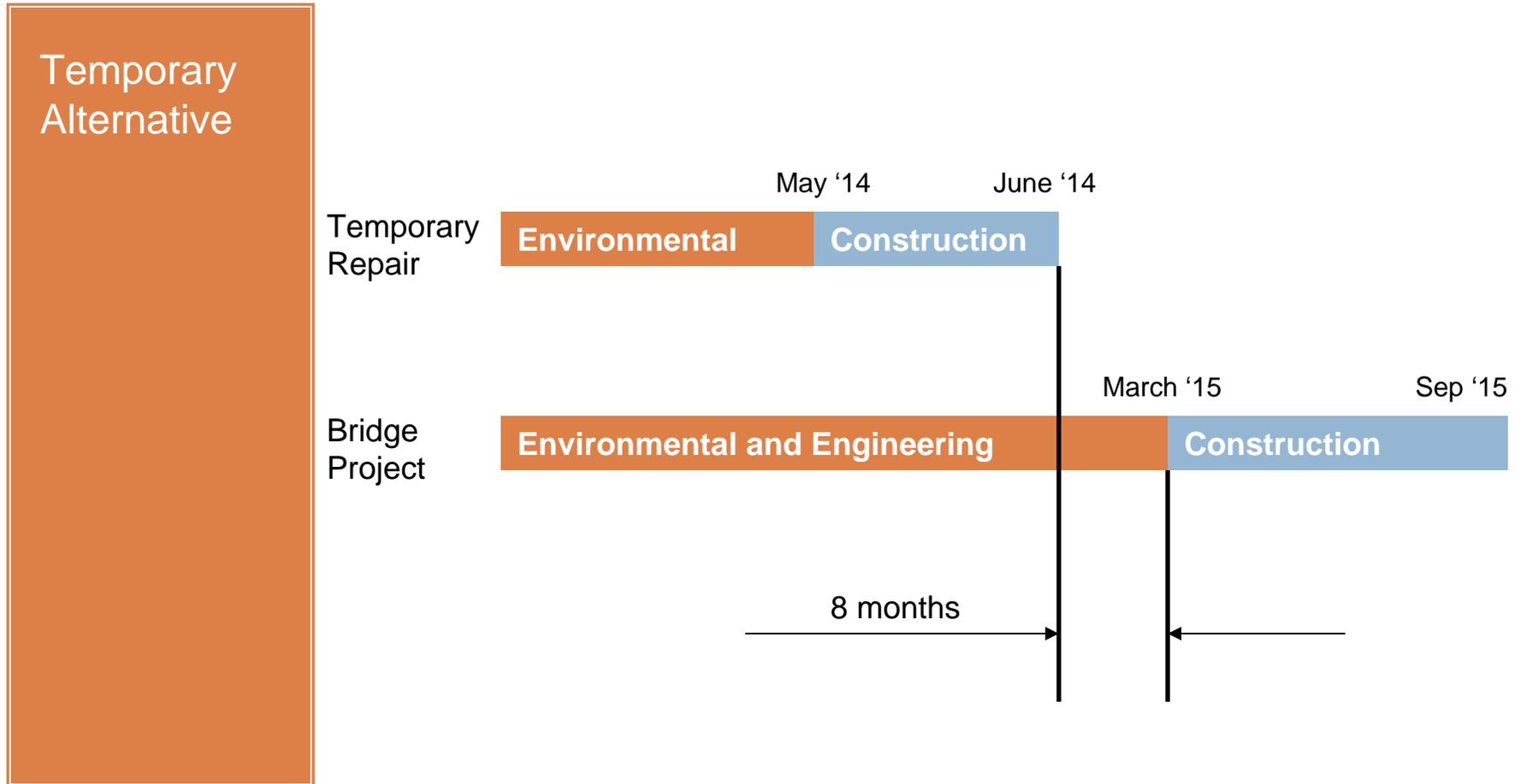
Temporary Alternative

- Engineering and Environmental Clearance
 - Schedule: Complete by May 2014
 - Cost: \$30,000 - \$45,000
- Construction
 - Schedule: Complete by June 2014
 - Cost: \$40,000 - \$55,000



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Questions

