



**COUNTY OF EL DORADO
DEPARTMENT OF
TRANSPORTATION**

**Mosquito Road Bridge
Replacement Project**

PROJECT UPDATE

Board of Supervisors
December 10, 2019





AGENDA

- **Recap of Work Complete**
- **Current Project Items**
- **Project “Look Ahead”**



Recap Of Work Complete



Project Background

- Highway Bridge Program (HBP)
- Sufficiency Rating = 13.3 (2016), 12.5 (2011), 0.0 (2006) (scale from 0 to 100)
- Extensive Maintenance & Repairs (1990, 2010)
- Most Expensive EDC Bridge to Maintain (approx. \$75k/ yr)
- Bridge Replacement Project
- Off System Bridge (Federally Funded, Match with Toll Credits)



Mt. Democrat 4/2/98 article by Peg Presba

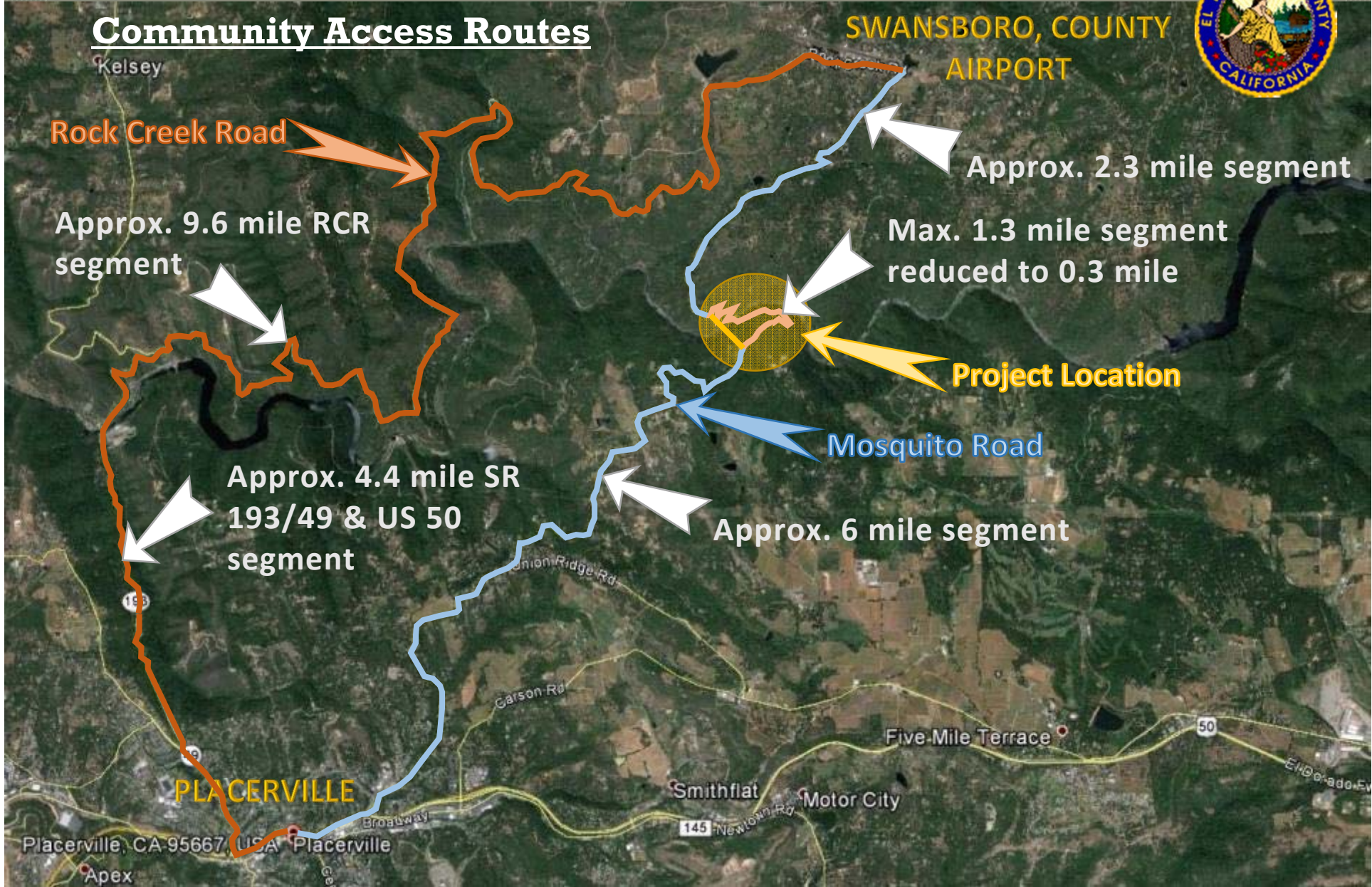


“Swinging Bridge” – History Museum

Recap Of Work Complete



Community Access Routes



Recap Of Work Complete

Work to Date:

- 1993 Study
- Public Workshop No. 1 – Jan 26, 2013
- Public Workshop No. 2 – Nov 15, 2014
- Alternative Screening 2014/15
- Public Workshop No. 3 – July 15, 2015
- Meetings with Contractors – 2015/16
- Meetings with Tribes – 2015/16
- Meetings with Caltrans & FHWA – 2015/19
- Technical & Environmental Studies - 2016
- Value Analysis (VA) – Aug 17–26, 2016
- River Access Feasibility Study – Aug 16, 2016
- Draft EIR – Oct 2016
- Public Hearing (WS No. 4) – Oct 26, 2016
- Final EIR – Aug 2017
- Geotechnical Studies – 2017/18
- Bridge Type Selection – June 2019

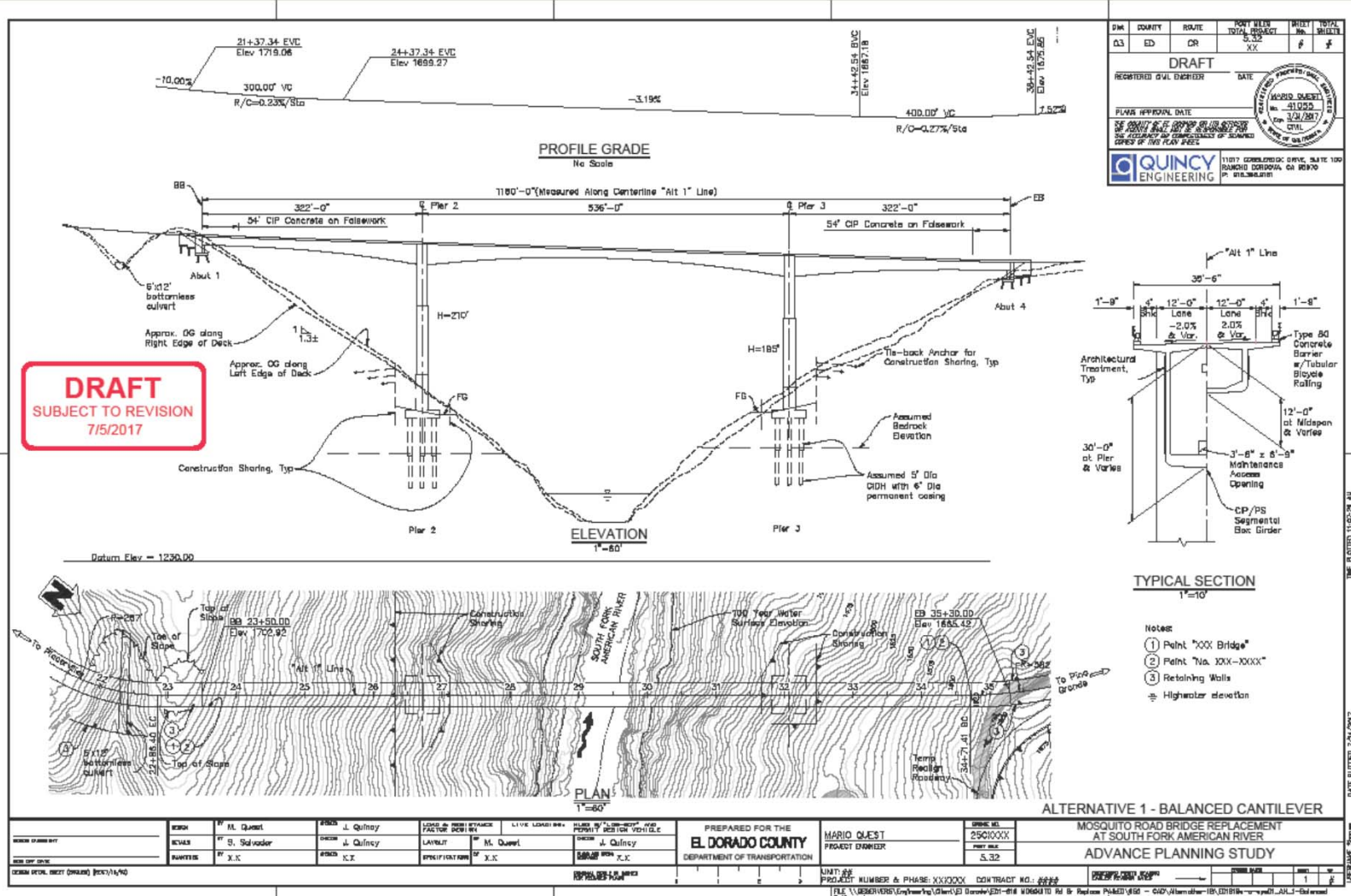


Current Project Items



Project Design

Overview



Current Project Items



Project Design

➔ Overview



Current Project Items



Project Design

- Safety Features:
 - Barrier Rail



Caltrans

- Rte 101/Eel River
 - 6000 ADT
 - Complete 2009
 - Similar design



Current Project Items



Project Design

- Safety Features:
 - Barrier Rail



Current Project Items



Project Design

- Safety Features:
 - Call Boxes
 - Lighting

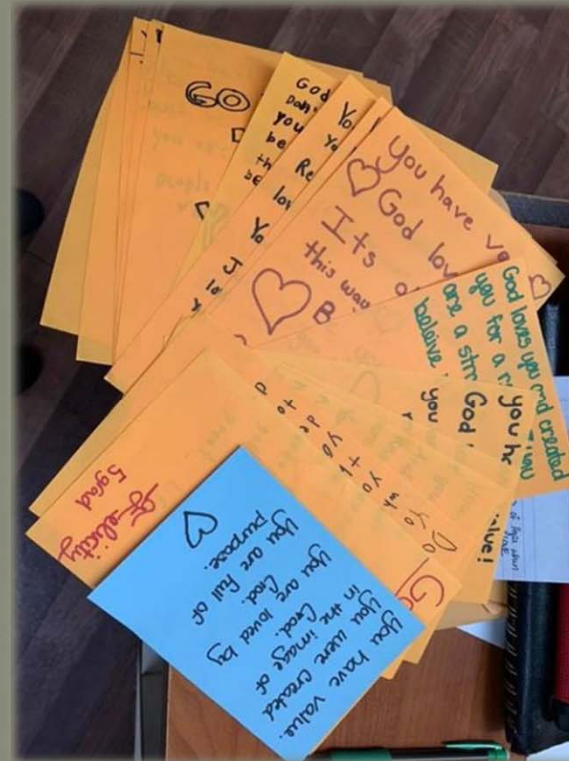
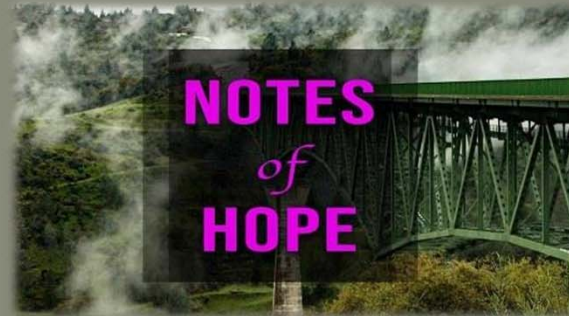


Current Project Items



Project Design

- Safety Features:
 - Signs (Partnering with El Dorado County Human Health and Services)



Current Project Items



Project Design

- Aesthetic Features:
 - Rock and Timber Texturing



Current Project Items



Project Design

- Aesthetic Features:
 - Rock and Timber Texturing



Current Project Items



Project Funding

- High Cost Bridge Agreement:
 - HBP Projects over \$20 Million
 - Cash Flow Plan (\$20 Million/Year Reimbursement)
 - HBP Overrun Costs Reimbursed in Following Year
 - Ongoing Coordination with Caltrans



Current Project Items



EIR Updates (Addendum)

Highlights:

- 1. Mitigation Measure BIO-3 (Biological Monitoring Oversight requirements)
- 2. Project Design Update (Culvert Pipe)
- 3. Updated Estimated Impact Areas
- 4. Project Clarification on temporary closures

**ADDENDUM TO
FINAL ENVIRONMENTAL IMPACT
REPORT**

**MOSQUITO ROAD BRIDGE
REPLACEMENT PROJECT**

State Clearing House #2015062076

Lead Agency: El Dorado County Department of Transportation

October 2019



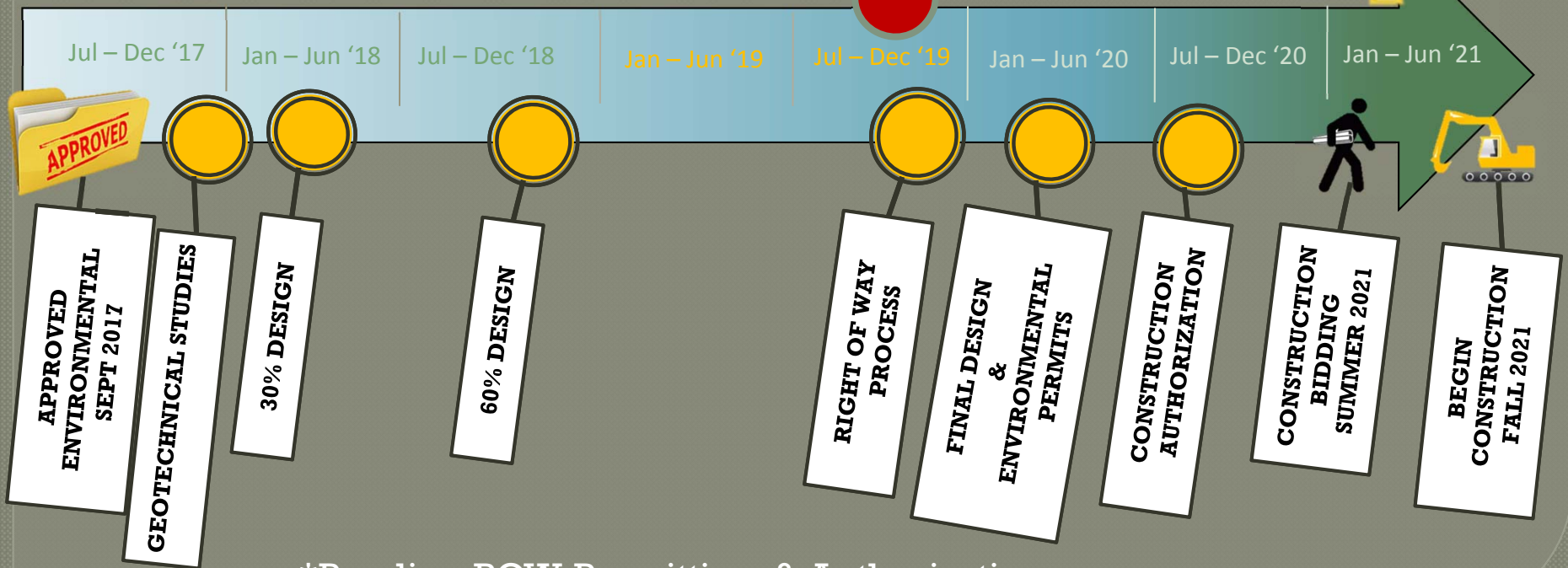
Project "Look Ahead"



Approx. Schedule



We Are Here !!



*Pending ROW, Permitting, & Authorizations



Conclusion

- DOT recommends BOS to:
 - 1) Direct staff to continue with final design and utilize recommended design details
 - 2) Approve EIR Addendum

