

Mt. Murphy Road Bridge At the South Fork of the American River

PROJECT UPDATE



Public Meeting - Project Update

September 5, 2018

Mt. Murphy Road Bridge – Project Update AGENDA

→ Welcome / Introductions

WHERE WE WERE

- → Purpose and Need
- → Alternatives

WHERE WE ARE

- **→** Environmental Studies
- → Technical Studies

WHERE WE'RE GOING

- → Project "Look Ahead"
- → Open Discussion







Mt. Murphy Road Bridge – Project Update

AGENDA

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WHERE WE WERE

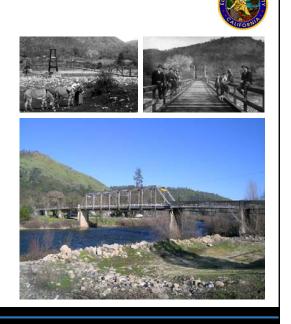
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Mt. Murphy Road Bridge - Project Update

SALES RITES RITES

Purpose & Need

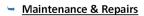
- Current bridge built in 1915
- → 10.5 ft wide one-lane truss structure
- → 160 ft long span
- → 360 Vehicles/Day (2015 Traffic Count)
- Sufficiency Rating (SR) = 0.00 (2011), 13.5 (2014), 2.0 (2016), one of the Lowest Rating of ALL County Maintained Bridges)
- Structurally Deficient (has Fracture Critical Members, FC inspections by Caltrans annually)



Courtesy of Vickie Longo

Mt. Murphy Road Bridge - Project Update

Purpose & Need



- Emergency Repair (Sept. 2007)
- → Maintenance Considerations



Sept. 2007



July 2018

Mt. Murphy Road Bridge Project

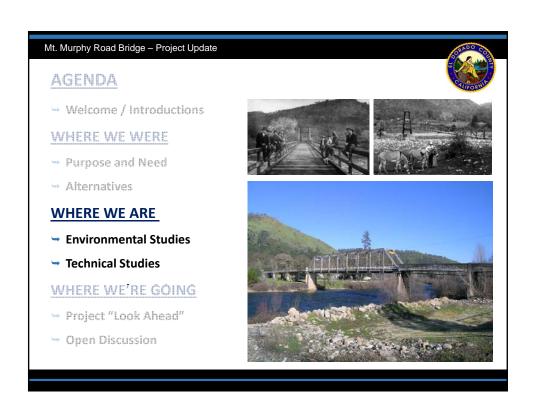
Purpose & Need

- To provide safe and reliable passage to the traveling public across Mt.
 Murphy Bridge
- Structural Analysis and Rehabilitation Feasibility Study
 - → Concluded infeasible
- → Alternatives Report
- → Alternatives Feasibility Study
- → Preferred On-Alignment Alternative



Mt. Murphy Road Bridge — Project Update Overview of Alternatives 9 Alternatives Considered **Transfer | **

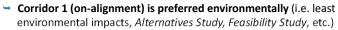




Mt. Murphy Road Bridge - Project Update

Alternative(s) Study Updates







Mt. Murphy Road Bridge Project

"The Approach"

- → Cultural & Historic Resources
 - → Combined Built Environment and Archeology Historical Resources
- → Technical Evaluations of Bridge
 - → APS (Bridge Type(s))
 - → APE
 - → Other(s)
- Environmental Schedule:
 - → Field Studies 2017/ 2018
 - → Report(s) 2018

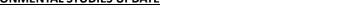




PRELIMINARY

Mt. Murphy Road Bridge Project

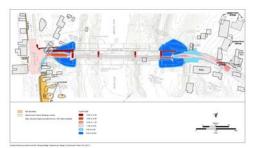
ENVIRONMENTAL STUDIES UPDATE



- Archeological Survey Report (ASR)
 - → Includes both archeological investigation and Native American Consultation
 - Prior Disturbances (i.e. mining, etc.)
 - Minimize Proposed Impacts
 - No intact prehistoric features or deposits identified







PRELIMINARY

Mt. Murphy Road Bridge Project

ENVIRONMENTAL STUDIES UPDATE

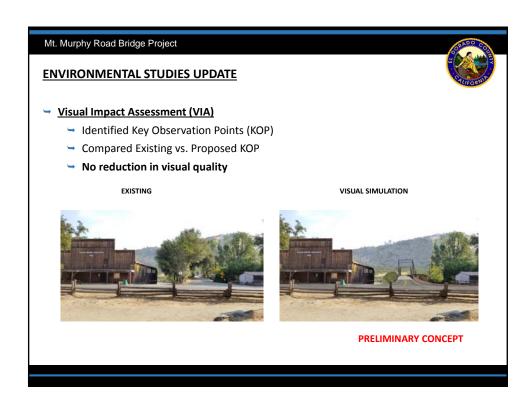
- → Historic Resource Evaluation Report (HRER)
 - → Inventories and evaluates built environment of MGDSHP

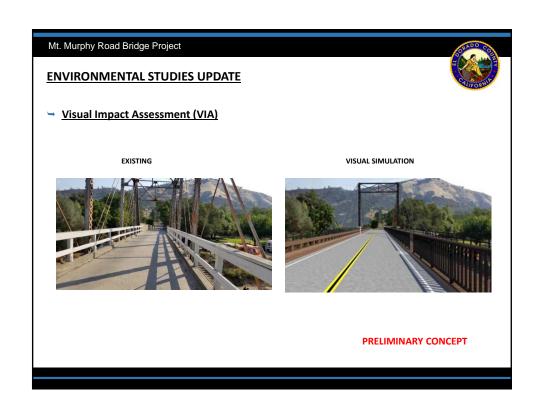
Map No.	Froperty Name	Location	NRHP Eligibility	CRHR
1	Coloma Historic District	Highway 49 at 5o. Fork American River	Listed (Criteria A, C)	Listed
2	Bekeart Gun Shop	329 Highway 49	Contributor to NRHP- listed District	Listed
3	Gold Trail Grange Hall	319 Highway 49	Contributor to NRHP- listed District	Listed
4	Mt. Murphy Road Bridge	Mt. Murphy Road at So, Fork American River	Individually eligible for listing in the NRHP (Criterion CI; eligible as part of Coloma Historic District	Listed
5	Coloma Resort	6921 Mt. Murphy Rd	Not eligible	Not eligible
6	Five historic archaeological areas Historic-era archaeological remains associated with nineteenth and early twentieth century occupations	Mt. Murphy Road, Highway 49	Assumed eligible	Assumed to be eligible

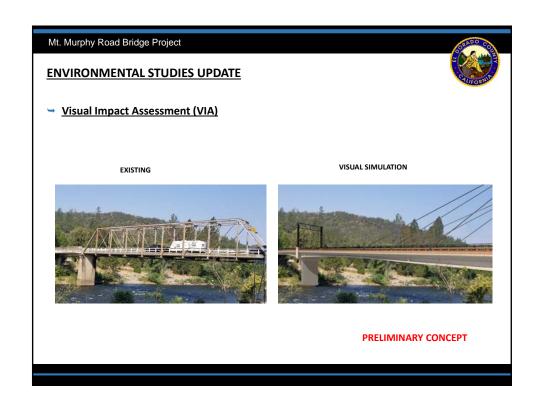


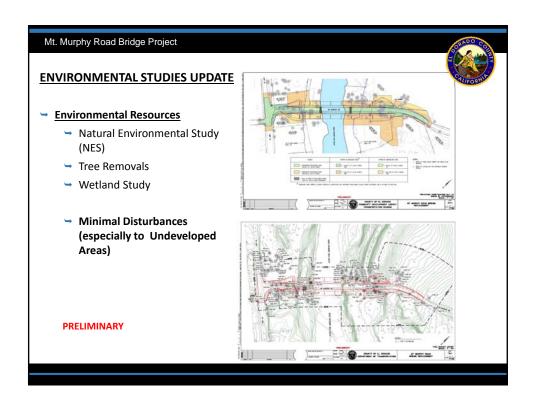




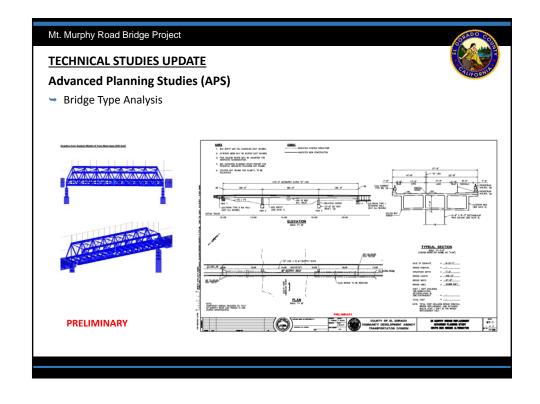


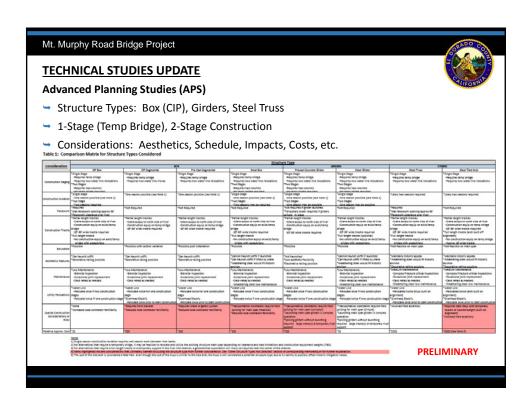














Mt. Murphy Road Bridge Project TECHNICAL STUDIES UPDATE → Advanced Planning Study (Bridge Type)



- → FINDINGS:
 - → Cast-In-Place (2-stage) <- Preferred Environmentally
 - → Least Impacts
 - Maintains Access
 - → Best Meets Purpose and Need
 - → Flexibility
 - → Truss (1-stage)
 - → Greater Impacts
 - Environment (i.e. access, viewshed, etc.)
 - → Higher Costs (and risks)



PRELIMINARY CONCEPT



