

# MEMORANDUM

DEPARTMENT OF PUBLIC WORKS  
County of Placer

TO: BOARD OF SUPERVISORS DATE: April 28, 2015

FROM: KEN GREHM / JON MITCHELL

SUBJECT: ALPINE MEADOWS ROAD OVER THE TRUCKEE RIVER BRIDGE  
REPLACEMENT PROJECT – CONSTRUCTION UPDATE

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## ACTION REQUESTED / RECOMMENDATION

1. Provide an update on the Alpine Meadows Road over Truckee River Bridge Replacement Project. There is no action being requested.

## BACKGROUND / SUMMARY

The Bridge Replacement Project - Alpine Meadows Road over the Truckee River is located on Alpine Meadows Road and is the sole entrance for Alpine Meadows Resort. The existing bridge spans the Truckee River and is located on Alpine Meadows Road adjacent to the intersection of State Route 89 as identified in the project map. The existing bridge is a reinforced concrete slab with reinforced concrete diaphragm abutments on columns supported by spread footings. The bridge, which was built in 1970, is 100 feet long, and has a total width of 34 feet. The bridge carries three, 9-foot lanes consisting of an east bound, west bound, and left turn lane for State Route 89. Due to the resort operating hours, the peak traffic volumes are seasonally relatively high and occur daily at approximately 8:30 a.m. and 4:00 p.m. The existing bridge is both structurally deficient and functionally obsolete. The County completed the final engineering and right-of-way phases of the project and is currently authorized for construction under the Federal Highway Bridge Program (HBP). The proposed bridge will clear span the Truckee River and will be widened to meet the current design standards. The new bridge will consist of precast-pre-stressed concrete I-girders, a reinforced concrete deck, cast in place concrete abutments and cast-in-drilled hole piles. The project also includes approximately 1500-feet of widened roadway approach on Alpine Meadows Road as well as a signal and roadway improvements on State Route 89.

Project construction began on March 31 and is anticipated to be complete by the end of 2015.

## ENVIRONMENTAL

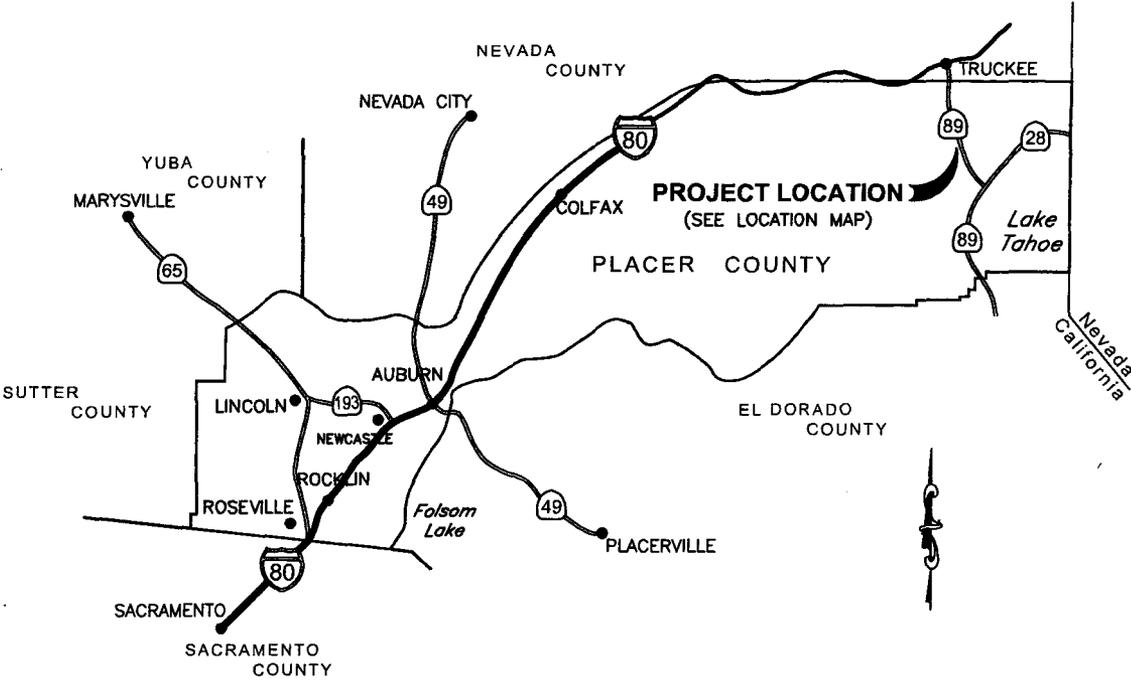
A Negative Declaration was prepared for this project pursuant to the provisions of CEQA and adopted by the Placer County Board of Supervisors on March 8, 2011. The NEPA Categorical Exclusion Compliance for this project was approved on March 10, 2011.

## FISCAL IMPACT

The project is estimated to cost just over \$7 million to build which includes both construction and construction management costs. The project is funded by the Federal HBP and the Caltrans State Highway Operation and Protection Program.

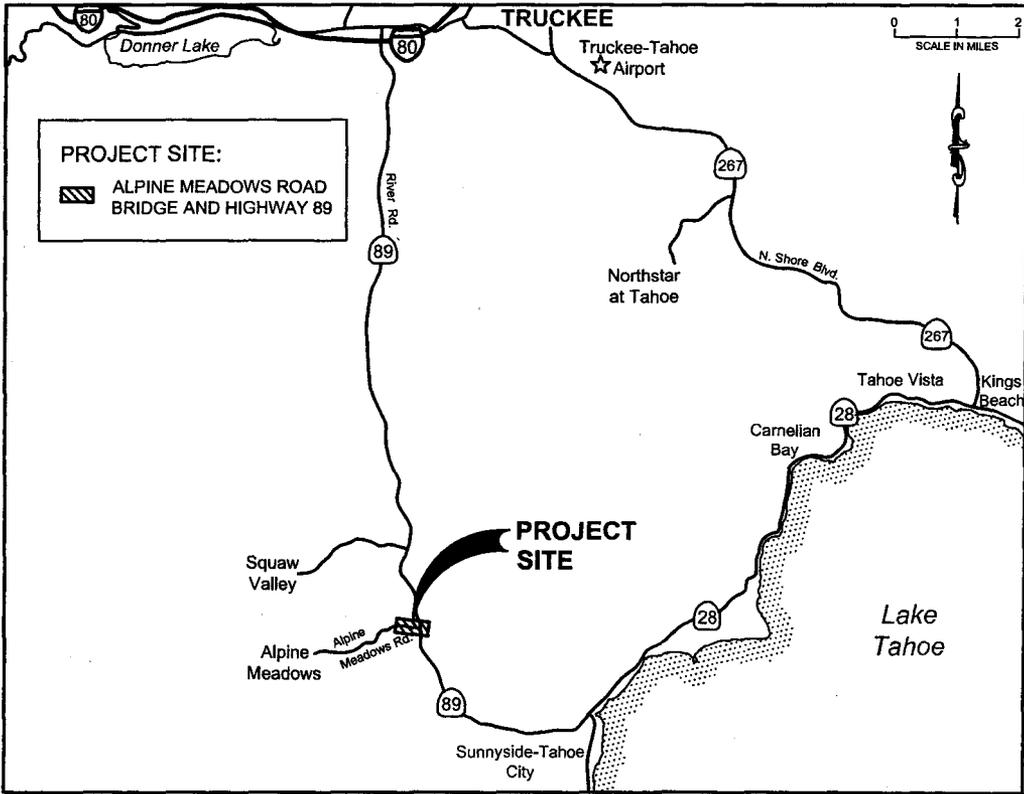
Attachment:  
Location map

# ALPINE MEADOWS ROAD BRIDGE REPLACEMENT PROJECT



## VICINITY MAP

Not to Scale



## LOCATION MAP

Scale as Shown