

# MEMORANDUM

DEPARTMENT OF PUBLIC WORKS  
County of Placer

TO: BOARD OF SUPERVISORS                      DATE: December 9, 2014  
FROM: KEN GREHM / <sup>YD</sup>PETER KRAATZ  
SUBJECT: **BRIDGE REPLACEMENT PROJECT - ALPINE MEADOWS ROAD OVER THE TRUCKEE RIVER, CONTRACT NO. 1186**

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## **ACTION REQUESTED / RECOMMENDATION**

1. Adopt a Resolution approving the project plans and specifications.
2. Authorize the Chair of the Board to sign the cover sheet of the project plans.
3. Authorize the Department of Public Works to advertise for bids for the Bridge Replacement Project - Alpine Meadows Road over the Truckee River. There is no net County cost.

## **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 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. During construction, Alpine Meadows Road traffic will be routed onto a temporary road and detour bridge downstream of the existing bridge. The detour road and bridge will remain in place during construction providing uninterrupted access to residents and businesses on Alpine Meadows Road. DPW staff met with the local residents, businesses and the North Tahoe Regional Advisory Council to review the proposed improvements. The proposed project will preserve the rural atmosphere and improve the hydraulic capacity of the area, while providing a bridge and roadway approaches designed to current standards.

## **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 total project cost is estimated to be \$13,307,000 with construction costs estimated at \$8,605,000. This project is funded by the Federal HBP Program and the Caltrans State Highway Operation and Protection Program (SHOPP). Funding for the construction of this project is included in the FY 2014-15 budget. There is no net cost to the County.

Attachment: Resolution  
Location Map

A Copy of the Plans and Specs  
is on file with Clerk of the Board

1001

**Before the Board of Supervisors  
County of Placer, State of California**

In the matter of: A Resolution approving the project plans and specifications, authorizing the Chair of the Board to sign the cover sheet, and authorize the Department of Public Works to advertise for bids for the Bridge Replacement Project - Alpine Meadows Road over the Truckee River.

Resol. No:.....

The following RESOLUTION was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held \_\_\_\_\_, by the following vote on roll call:

Ayes:

Noes:

Absent:

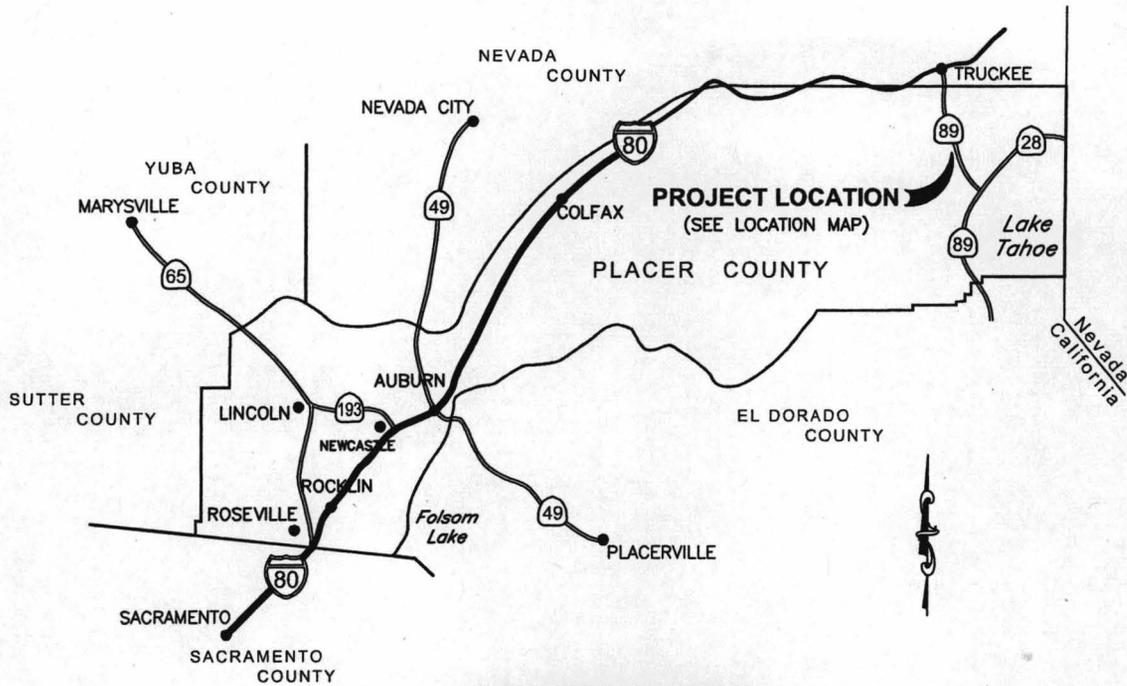
Signed and approved by me after its passage.

Attest:  
Clerk of said Board

\_\_\_\_\_  
Chair, Board of Supervisors

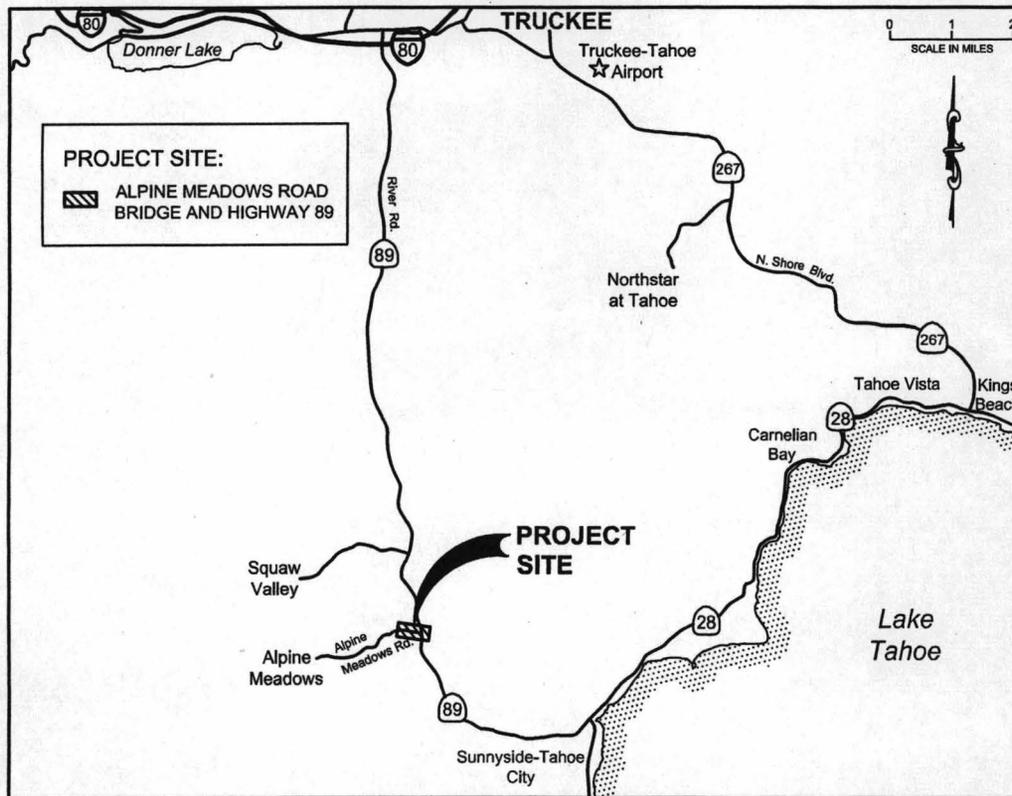
\_\_\_\_\_  
\_\_\_\_\_  
**BE IT HEREBY RESOLVED** by the Board of Supervisors of the County of Placer, State of California, that the Board approves the project plans and specifications, authorizes the Chair of the Board to sign the cover sheet, and authorizes the Department of Public Works to advertise for bids for the Bridge Replacement Project - Alpine Meadows Road Over the Truckee River at an estimated cost of \$8,605,000.

# ALPINE MEADOWS ROAD BRIDGE REPLACEMENT PROJECT



## VICINITY MAP

Not to Scale



## LOCATION MAP

Scale as Shown

1003

1004