

MEMORANDUM

DEPARTMENT OF PUBLIC WORKS
County of Placer

TO: BOARD OF SUPERVISORS
DATE: February 24, 2015

FROM:  KEN GREHM / PETER KRAATZ

SUBJECT: **BRIDGE REPLACEMENT PROJECT – ALPINE MEADOWS ROAD OVER THE TRUCKEE RIVER, PSA CONTRACT NO. 1084, AMENDMENT NO. 2**

ACTION REQUESTED / RECOMMENDATION

1. Adopt a Resolution authorizing the Chair of the Board of Supervisors to sign Contract No. 1084, Amendment No. 2, with County Counsel and Risk Management's review and approval, with Drake Haglan and Associates Inc., for additional professional engineering related services for the Bridge Replacement Project – Alpine Meadows Road Over the Truckee River. Amendment No. 2 will increase the amount by \$321,000 for a total amount not to exceed \$1,457,000. There is no net County cost.
2. Authorize the Director of Public Works to sign and execute additional contract amendments for additional professional services not to exceed ten percent of the total contract amount as needed.

BACKGROUND / SUMMARY

The Department of Public Works is proposing to replace the existing structurally deficient bridge on Alpine Meadows Road at the Truckee River under the Federal Highway Bridge Program (HBP). The Alpine Meadows Road Bridge Replacement Project is located at the intersection of Alpine Meadows Road and Highway 89 approximately five miles north of Tahoe City (see attached location map). The proposed project will replace the existing bridge and improve the bridge approaches in accordance with current structural, geometric, and hydraulic guidelines. The proposed project also includes necessary improvements to the intersection at Alpine Meadows Road and Highway 89.

On March 16, 2010, the Board of Supervisors approved PSA No. 1084 with Drake Haglan and Associates, Inc., for \$367,200 and \$36,720 contingency for preliminary engineering work. The original contract (Phase 1) of the PSA consisted of preliminary engineering work which included finalizing roadway geometrics, preliminary bridge design, and supporting engineering studies related to the project. On July 12, 2011, the Board of Supervisors approved Amendment No. 1 for an additional \$730,288 and \$73,028 contingency for Phases 2 and 3 for final design engineering work, preparing final construction contract documents and construction support.

The scope described in Phases 1, 2, and 3 of the contract was originally advertised in an open, competitive request for proposals administered by the Procurement Services Department; Amendment No. 1 was pre-planned to be negotiated after the completion of Phase 1 due to the complexity of the project.

Since the approval of Amendment No. 1, an additional \$38,304 was authorized by the Director of Public Works for a contract total of \$1,135,792 and a remaining contingency total of \$71,444. The additional work consisted of positively locating unanticipated underground utilities by potholing and to incorporate the design of a new waterline on behalf of the Alpine Springs Water District.

Amendment No. 2 is needed for additional professional services needed to incorporate design changes requested by Caltrans prior to construction including the addition of a signalized intersection at State Route 89 and Alpine Meadows Road as well as various water quality, geometric, and other operational improvements. This amendment is also needed for additional

engineering services for the following: 1) coordination of temporary and permanent relocation of an AT&T fiber optic line determined to be in-conflict with the project 2) temporary parking lot design needed to accommodate businesses adjacent to construction of the new bridge, 3) construction staking which was originally anticipated to be performed in-house by County staff, and 4) various technical engineering services anticipated to be needed during construction. Additional unanticipated time has also been required to accommodate the AT&T relocation as well as to accommodate improvements on State Route 89 which were requested by Caltrans. Board approval of this amendment will bring the contract total to \$1,457, 000 and \$145,700 contingency. The unused contingency balance will total \$107,396.

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 8th 2011. The NEPA Categorical Exclusion Compliance for this project was approved on March 10th 2011.

FISCAL IMPACT

The total project cost is estimated to be \$13,306,572 with construction costs estimated at \$8,604,788. This project is funded by the Federal HBP Program and the Caltrans State Highway Operation and Protection Program (SHOPP). Funding for this contract this project is included in the FY 2014-15 budget.

Attachments: Resolution
 Location Map

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

In the matter of: A RESOLUTION AUTHORIZING THE CHAIR TO SIGN CONTRACT NO. 1084 AMENDMENT NO. 2, WITH COUNTY COUNSEL AND RISK MANAGEMENT'S REVIEW AND APPROVAL IN THE AMOUNT OF \$321,000 NOT TO EXCEED \$1,457,000, BETWEEN DRAKE HAGLAN AND ASSOCIATES, INC., AND THE COUNTY FOR PROFESSIONAL ENGINEERING RELATED SERVICES AND AUTHORIZING THE DIRECTOR OF PUBLIC WORKS TO SIGN AND EXECUTE CONTRACT AMENDMENTS FOR ADDITIONAL PROFESSIONAL SERVICES NOT TO EXCEED TEN PERCENT OF THE CONTRACT AMOUNT 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 on _____ by the

following vote:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

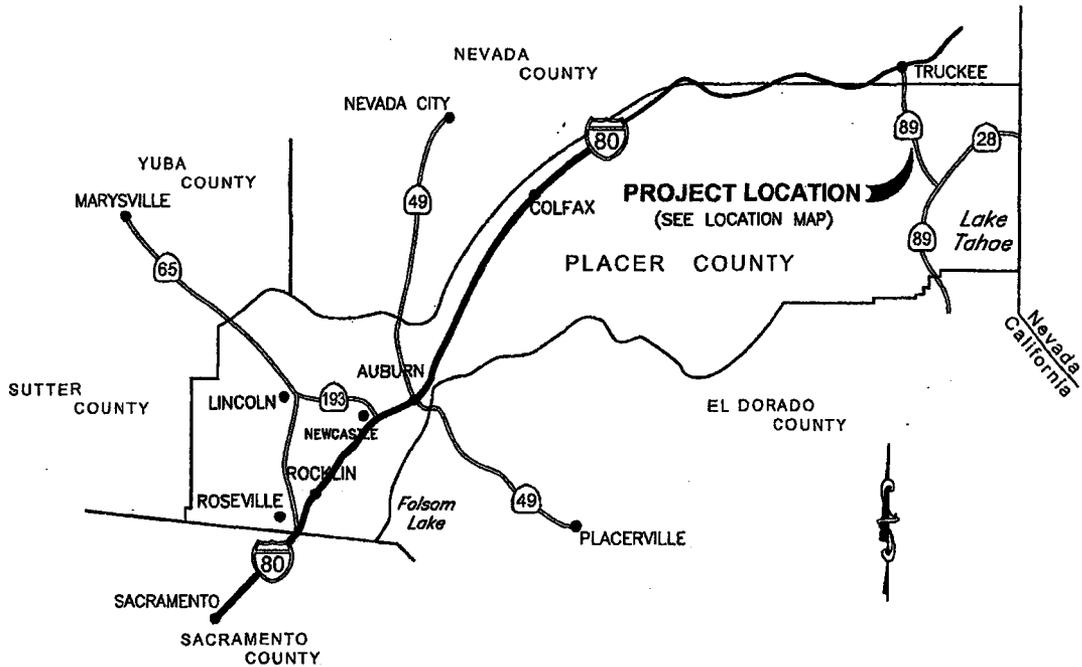
Chair, Board of Supervisors

Attest:
Clerk of said Board

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Placer, State of California, that this Board approves and authorizes the Chair to sign with County Counsel and Risk Management's review and approval, Amendment No.2 for Contract No. 1084 with Drake Haglan and Associates, Inc., in the amount of \$321,000 not to exceed \$1,457,000.

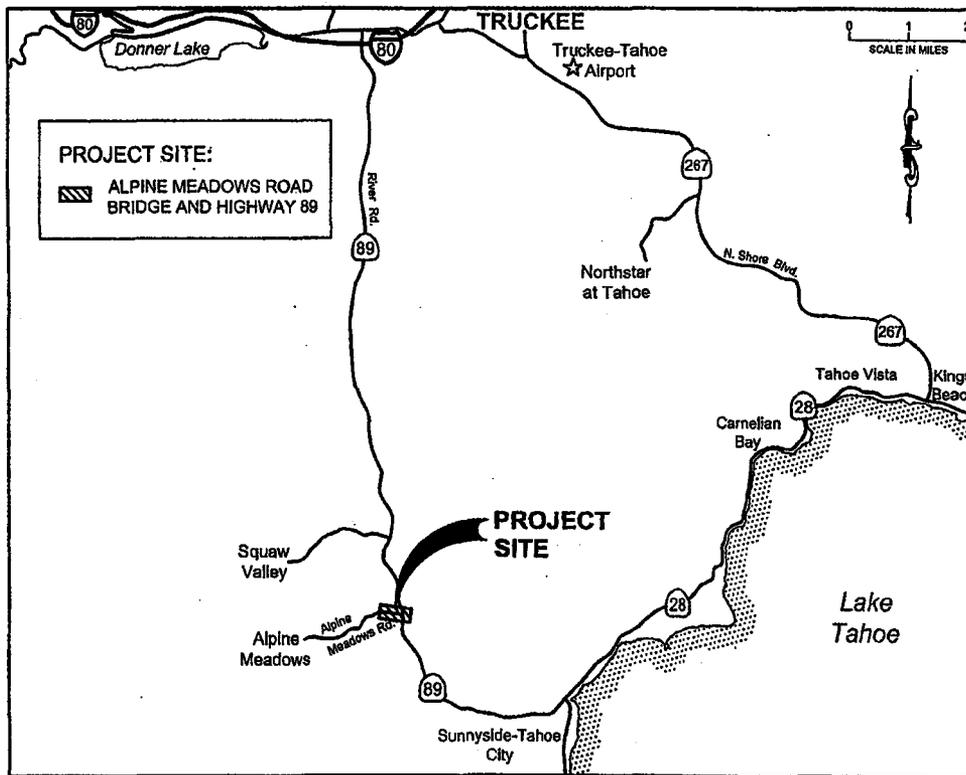
BE IT FURTHER RESOLVED AND ORDERED, by the Board of Supervisors of the County of Placer, State of California, that this Board authorizes the Public Works Director to execute contract amendments for additional professional engineering related services as needed but not to exceed ten percent of the Contract amount.

ALPINE MEADOWS ROAD BRIDGE REPLACEMENT PROJECT



VICINITY MAP

Not to Scale



LOCATION MAP

Scale as Shown