



**MEMORANDUM**  
**DEPARTMENT OF PUBLIC WORKS**  
**AND FACILITIES**  
**ENGINEERING DIVISION**  
County of Placer

TO: Board of Supervisors

DATE: March 8, 2016

FROM: Ken Grehm, Director of Public Works and Facilities  
By: Alice Atherton, Associate Civil Engineer

SUBJECT: Engineering / Contract Amendment for Engineering Design / Dowd Road at Markham Ravine Bridge Replacement Project

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**ACTION REQUESTED**

Adopt a Resolution to approve Contract Amendment No. 3 with Mark Thomas and Co., for Professional Services Agreements No. 1176 for the Dowd Road at Markham Ravine Bridge Replacement Project to increase the contract by \$61,959, for a total amount of \$285,266 and authorize the Director of Public Works and Facilities, or designee, to sign and execute subsequent contract amendments up to ten percent of the contract amount, for the period of April 2014 to April of 2019.

**BACKGROUND**

The Department of Public Works is proposing to replace the existing bridge on Dowd Road which crosses Markham Ravine. The proposed projects will replace the 73 years old deteriorating bridge classified as structurally deficient. The project is being completed under the Federal Highway Bridge Program (HBP).

The project includes bringing the bridge and roadway approaches to current structural, geometric, and hydraulic guidelines. County staff prepared draft design documents in-house to achieve environmental clearance and obtain permits. Professional engineering services were acquired to continue engineering design documents for construction. The project design is currently 95 percent complete and staff is working with Mark Thomas and Company to finish the final plans, specifications and bid estimate.

The original contract was approved by the Board of Supervisors on April 18, 2014, and Amendment No. 1 was approved on July 24, 2014 to update the Consultant's yearly billing rate schedule. Amendment No. 2 was approved on November 26, 2014 to modify services. Contract Amendment No. 3 is needed to obtain an additional geotechnical boring, asbestos testing for air quality compliance and services during construction, complete the design of the bridge, preparation of a storm water management plan, utility coordination, and assistance with the Caltrans Utility Certification process.

**ENVIRONMENTAL IMPACT**

The Professional Services Agreement is exempt from CEQA pursuant to CEQA guidelines, Section 15306.

**FISCAL IMPACT**

Approval of this amendment will increase the total amount of the contract to \$285,266 plus a contingency of (ten percent) \$28,527. This project is budgeted in the FY 2015-16 Department of Public Works and Facilities Final Budget, Bridge Construction Projects, Dowd Road at Markham Ravine Bridge Replacement Project #2900. The project is funded through the Federal Highway Bridge Program (88.53 percent) and the County Road Fund (11.47 percent).

**ATTACHMENTS**

Resolution  
Location Map

Contract amendment on file with the Clerk of the Board

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

**In the matter of:**

A Resolution to approve a contract amendment with Mark Thomas and Company, for the Dowd Road at Markham Ravine Replacement Project and authorizing the Director of Public Works and Facilities, or designee, to execute future contract amendments Resolution 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.

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

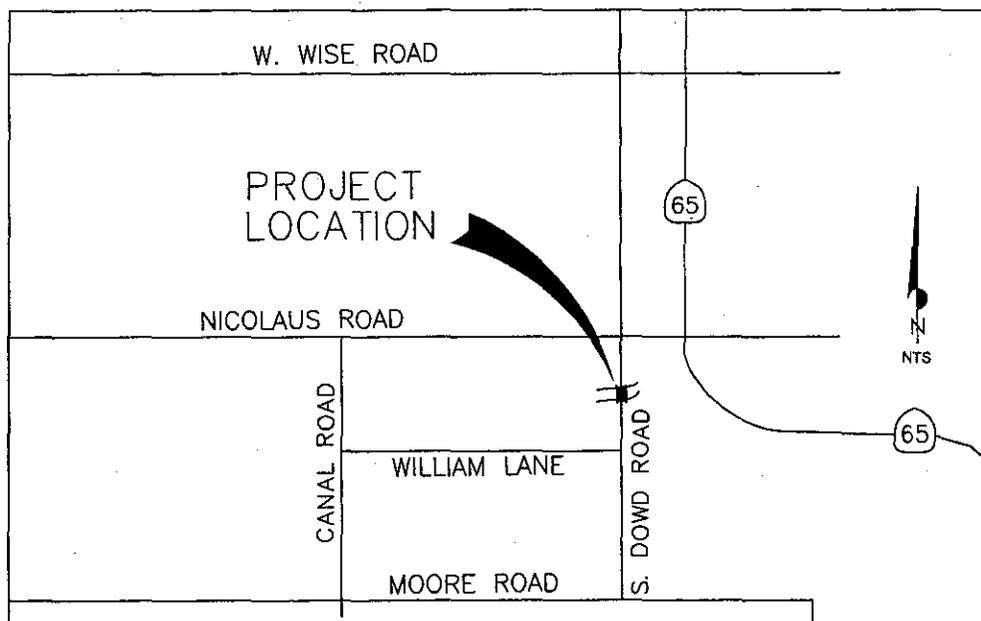
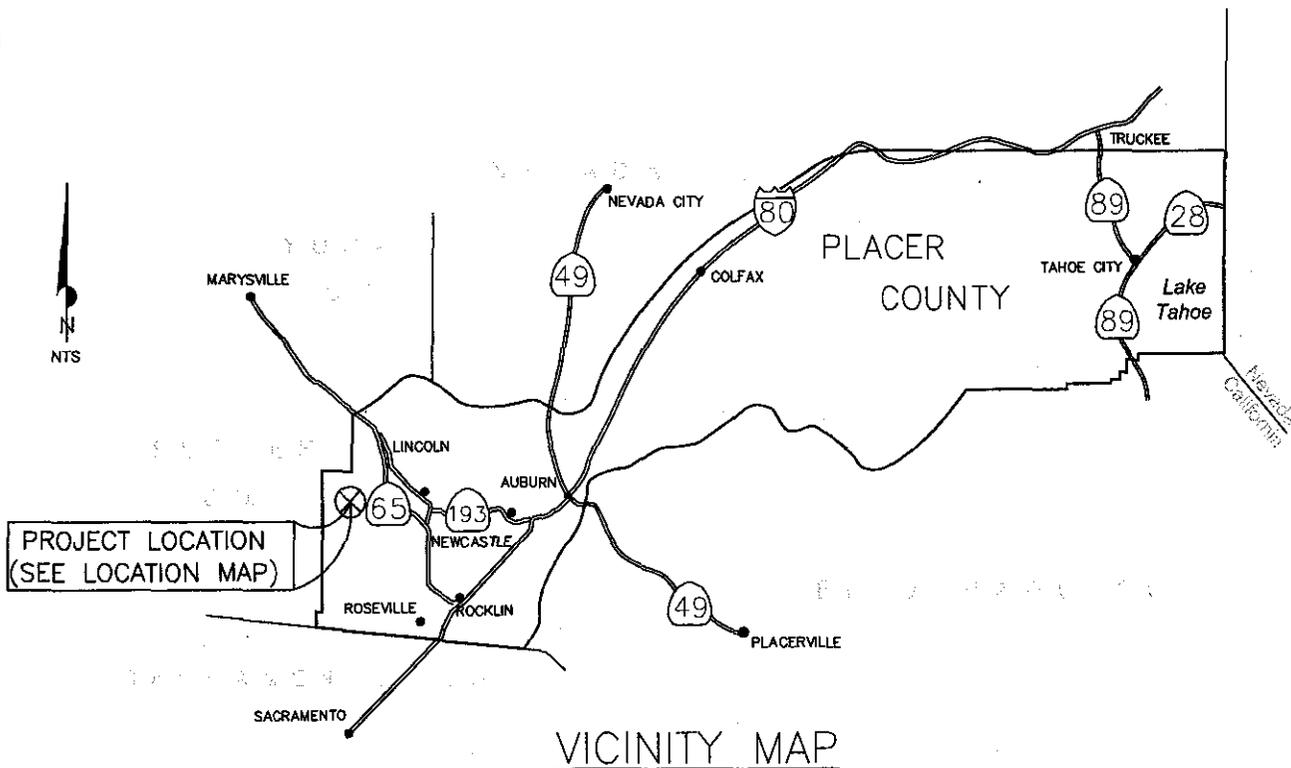
Attest:

\_\_\_\_\_  
Clerk of said Board

BE IT RESOLVED, by the Board of Supervisors, County of Placer, State of California, that this Board approves Contract Amendment No. 3 for Professional Services Agreement No. 1176 with Mark Thomas and Company, increasing the current contract by \$61,959 for a total contract amount not to exceed \$285,266, and

BE IT FURTHER RESOLVED AND ORDERED , by the Board of Supervisors of the County of Placer, State of California, that this Board approves and authorizes the Director of Public Works and Facilities, or designee, to execute subsequent contract amendments for each contract for additional professional services as needed, up to ten (10) percent of the contract amount (\$28,527).

# DOWD ROAD AT MARKHAM RAVINE BRIDGE REPLACEMENT PROJECT VICINITY & LOCATION MAPS



LOCATION MAP  
NO SCALE

