



A Tradition of Stewardship  
A Commitment to Service

Agenda Date: 3/8/2016

Agenda Placement: 6J

## NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

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**TO:** Board of Supervisors

**FROM:** Steven Lederer - Director of Public Works  
Public Works

**REPORT BY:** MALLIKA RAMACHANDRAN, Engineering Supervisor - 259-8194

**SUBJECT:** Professional Service Agreement with Schaaf & Wheeler, Inc. for the Oakville Crossroad Bridge Project, RDS 05-05

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### **RECOMMENDATION**

Director of Public Works requests approval of and authorization for the Chairman to sign an agreement with Schaaf & Wheeler, Inc. of Santa Clara, California for a maximum of \$61,970 for the term March 8, 2016 through June 30, 2016, with an automatic extension provision to provide services to prepare and submit a Federal Emergency Management Agency (FEMA) Letter of Map Revision (LOMR) for the Oakville Crossroad Bridge Project, RDS 05-05.

### **EXECUTIVE SUMMARY**

The Oakville Crossroad Bridge was opened to traffic on January 21, 2016. The new bridge is a two span, 120 foot long and 32'-8" wide reinforced concrete box-girder bridge. On August 11, 2015, the Napa County Department of Planning, Building and Environmental Services (PBES) issued a Floodplain Management Permit to allow construction of the replacement bridge. The permit was issued based on the Oakville Crossroad Bridge Impact Analysis Report dated April 13, 2015, prepared by Schaaf & Wheeler, Inc. The permit required that the Napa County Department of Public Works, upon completion of the project, submit a Letter of Map Revision to the Federal Emergency Management Agency (FEMA).

Because of the work already performed on the project, staff has identified Schaaf & Wheeler, Inc. of Santa Clara, California as the most qualified firm to provide the services to prepare and submit the FEMA Letter of Map Revision (LOMR) for the Oakville Crossroad Bridge Project, RDS 05-05. Schaaf & Wheeler, Inc. is not a local vendor.

### **FISCAL IMPACT**

Is there a Fiscal Impact?                      Yes

Is it currently budgeted?	Yes
Where is it budgeted?	Roads Capital Improvement CIP budget - Fund 2040, Subdivision 20405-00, Program 97001, Oakville Crossroad Bridge, RDS 05-05
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The Floodplain Management Permit requires a Letter of Map Revision (LOMR) to be submitted to FEMA at the completion of the project.
Is the general fund affected?	No
Future fiscal impact:	Future expenditures will be limited to environmental monitoring and reporting and routine maintenance as is currently performed.
Consequences if not approved:	If not approved, the County will not be able to satisfy the requirement in the Floodplain Management Permit. If audited by FEMA the County will be found not in compliance and we will be made to do the LOMR and may lose our privilege to self-regulate ourselves.
Additional Information:	The project is funded by the Highway Bridge program (HBP), Toll Credits and Roads Funds. The Adjusted Budget for Fiscal Year 15/16 is \$4,763,746, with \$2,935,778 coming from the Federal Highway Bridge Program/Toll Credits and \$1,827,968 from local Roads funds. The project is substantially complete. The anticipated project cost is approximately \$4,400,000 for FY 15/16. The remaining budget of approximately \$363,746 is reserved for the ten year environmental monitoring and reporting, maintenance, and completion of the LOMR.

### **ENVIRONMENTAL IMPACT**

The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

### **BACKGROUND AND DISCUSSION**

The Oakville Crossroad Bridge was opened to traffic on January 21, 2016. The new bridge is a two span, 120 foot long and 32'-8" wide reinforced concrete box-girder bridge. On August 11, 2015 Napa County Department of Planning, Building and Environmental Services (PBES) issued a Floodplain Management Permit to allow construction of the project. The permit was issued based on the Oakville Crossroad Bridge Impact Analysis Report dated April 13, 2015, prepared by Schaaf & Wheeler, Inc. (S&W).

Schaaf & Wheeler, Inc. conducted a hydraulic floodplain analysis to obtain a No Rise/No Impact certification and prepared the report entitled 'Oakville Crossroad Bridge Impact Analysis' dated April 13, 2015 (the Report). The Report was prepared in conformance with FEMA's "Guidance for No-Rise/No-Impact Certification for Proposed Developments in Regulatory Floodways". While the analysis demonstrated that the replacement of the Oakville Crossroad bridge will have no effect on the 100-year base flood elevation, S&W has determined that an error exists in FEMA's effective flood insurance study (FIS). S&W has completed and signed a floodway "No Rise/No Impact" Certification. However, in order to address the error with FEMA, the County is required to submit a Letter of Map Revision (LOMR) upon completion of this project.

In order to support this project and various other projects, the Napa County Public Works Department released a Request for Qualifications (RFQ) inviting consulting firms to provide On Call Engineering Support and Construction Support Services. Ten consulting firms submitted qualifications in response to this RFQ for Category 3 – Hydrology/Hydraulics: Prepare Floodplain Studies, Hydrology and Hydraulic Modeling and Studies, Scour Analysis, Location Hydraulic Studies, Bridge Hydraulic Reports, FEMA submittals (No Rise certification, CLOMR/LOMR).

Staff has identified Schaaf & Wheeler, Inc. as the most qualified firm to provide the services to prepare and submit the Federal Emergency Agency (FEMA) Letter of Map Revision (LOMR) for the Oakville Crossroad Bridge Project, RDS 05-05. Schaaf & Wheeler, Inc. is not a local vendor.

For clarity, staff notes that FEMA's involvement in this project is in the context of their role as overseeing flood plains nationwide and has nothing to do with FEMA's role in the 2014 South Napa Earthquake.

### **SUPPORTING DOCUMENTS**

None

CEO Recommendation: Approve

Reviewed By: Bret Prebula