



BOARD OF SUPERVISORS  
AGENDA LETTER  
Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

Agenda Number:

Department Name: Public Works  
Department No.: 054  
For Agenda Of: April 1, 2014  
Placement: Administrative  
Estimated Tme: N/A  
Continued Item: No  
If Yes, date from:  
Vote Required: Majority

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**TO:** Board of Supervisors  
**FROM:** Department Director Scott D. McGolpin, Public Works Director, 568-3010  
Contact Info: Chris Sneddon, Deputy Director, Transportation 568-3064  
**SUBJECT:** Construction of Cathedral Oaks Road Bridge Replacement at San Antonio Creek  
(Existing Br. No. 51C-001, New No. 51C-0373); Federal Project BRLSZD-  
5951(082); County Project No. 862274; Second Supervisorial District

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**County Counsel Concurrence**

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

**Auditor-Controller Concurrence**

As to form: Yes

**Recommended Actions:**

That the Board of Supervisors:

- A. Approve plans and specifications for the Construction of Cathedral Oaks Road Bridge Replacement at San Antonio Creek (Existing Br. No. 51C-001, New No. 51C-0373); Federal Project BRLSZD-5951(082); County Project No. 862274; Second Supervisorial District, on file in the Public Works Department office;
- B. Award the construction contract in the base amount of \$2,999,911 to the lowest responsible bidder, Granite Construction Company (a local vendor) P.O. Box 6744, Santa Barbara, CA 93111 subject to the provision of documents and certifications, as set forth in the plans and specifications applicable to the project, as required under California Law;
- C. Approve and authorize the Chair to execute the construction contract, which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representatives;
- D. Authorize the Director of Public Works or designee to order the performance of itemized supplemental work, as provided in the construction contract, in an amount not to exceed \$66,110 for the Cathedral Oaks Road Bridge Replacement at San Antonio Creek (Existing Br. No. 51C-001, New No. 51C-0373); Federal Project BRLSZD-5951(082); County Project No. 862274; Second Supervisorial District; and
- E. Authorize the Director of Public Works or designee to approve changes or additions to the work being performed under the construction contract in an amount not to exceed \$165,801 for the

Cathedral Oaks Road Bridge Replacement at San Antonio Creek (Existing Br. No. 51C-001, New No. 51C-0373); Federal Project BRLSZD-5951(082); County Project No. 862274; Second Supervisorial District;

- F. Approve and authorize the Chair to execute a professional services contract for Bridge Structure Representative Services, with MNS Engineering, Inc., (a local vendor) 201 N. Calle Cesar Chavez, Suite 300, Santa Barbara, CA 93103, in the base amount of \$399,990, for the Construction of Cathedral Oaks Road Bridge Replacement at San Antonio Creek (Existing Br. No. 51C-001, New No. 51C-0373); Federal Project BRLSZD-5951(082); County Project No. 862274; which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representatives;
- G. Authorize the Director of Public Works to approve changes or additions to the professional services being performed under the professional services contract with MNS Engineering, Inc. in an amount no to exceed \$39,999; and
- H. Find that pursuant to State CEQA Guidelines Section 15162, no substantial changes are proposed, and no new information of substantial importance has come to light regarding environmental effects of the project or of the sufficiency or feasibility of mitigation measures, and therefore the proposed actions are within the scope of the Mitigated Negative Declaration (11NGD 00000-00009) and Mitigation Monitoring Program adopted by the Board upon approval of the project on October 4, 2011, and that therefore no new environmental document is required.

### **Summary Text:**

#### **Construction Contract**

On February 28, 2014, five (5) bids were opened for the Cathedral Oaks Road Bridge Replacement at San Antonio Creek (Existing Br. No. 51C-001, New No. 51C-0373) County Project No. 862274. Granite Construction Company submitted the lowest responsible bid in the amount of \$2,999,911, which is 1.5% below the Engineer's Estimate. The second lowest bid was 9.6% above the Engineer's Estimate. This project was bid in accordance with the Public Contract Code, which requires the award to the lowest responsible bidder. Public Works analyzed the bids and determined the low bid is responsive and responsible. Public Works recommends awarding this contract to Granite Construction Company.

#### **Professional Services Contract**

In compliance with Federal requirements, the County released a Request for Proposal (RFP) to three qualified firms. After evaluating the two submitted proposals (one declined to submit a proposal), it was determined that MNS Engineering, Inc. was the most qualified firm with the lowest bid amount of \$399,990. Public Works recommends awarding this contract to MNS Engineering, Inc.

The Scope of Work included providing a Construction Management Team consisting of a Resident Engineer/Structures Representative and a Construction Inspector during the 19 months of bridge construction. Their duties would include Contract Administration (correspondence, pay items, coordination, material certifications); review of all submittals and working drawings, RFI's and change orders; oversee inspection of the project for compliance to the contract and Caltrans specifications; preparation of daily and monthly reports; and act as the County's structures point-of-contact for the Contractor.

The amount of the contract is sufficient to cover the completion of the contract scope of work; however, it is possible that unanticipated delays in the project will arise that would increase the overall costs. Staff also recommends that the Director of Public Works or designee be given authority to approve changes or additions to the professional services being provided. The total cost of any additional work is limited to \$39,999.



*Existing Cathedral Oaks Road Bridge No. 51C-001 over San Antonio Creek, looking downstream*

### **Background:**

This project will replace the existing Cathedral Oaks Road Bridge No. 51C-001 over San Antonio Creek with a new bridge (No. 51C-0373). Caltrans declared the existing bridge seismically deficient, which required the County to retrofit the bridge. With further analysis, staff found reactive aggregate and determined that replacement would be the appropriate retrofit strategy. The new bridge will clear span San Antonio Creek, maintain the existing roadway profile and will widen the structure to include standard lane widths to improve roadway geometrics and improve access for pedestrians and bicycles. The existing bridge will be removed in stages to maintain through traffic during construction.

This construction project is a two-season project scheduled to begin in late April 2014 and end in late January 2016. The project's environmental permits restrict work within the creek during the rainy season and require a winter shut down. Cathedral Oaks Road will remain open to traffic at the project site for the duration of the project. However, the lane configuration will be reduced down to one travel lane in each direction, removing the turn pockets on the structure. The traffic signal at Turnpike Road and Cathedral Oaks Road will be replaced with an all-way stop to account for the construction staging requirements. Additionally, the project will require periodic lane closure for periods not to exceed 5 minutes after first car arrives. The Department will notify emergency response services and will use construction area signs to notify the traveling public of the period of roadway closure.

On October 4, 2011, your Board approved the Project, Mitigated Negative Declaration (11NGD-00000-00009) and Mitigation Monitoring Program, pursuant to the California Environmental Quality Act (CEQA), and authorized the Public Work Department to advertise for construction bids.

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

<b><u>Funding Sources</u></b>	<b><u>Total One-Time Project Cost</u></b>	<b><u>Total One-Time Professional Services Cost</u></b>
Highway Bridge Program (HBP)	\$ 2,761,615	\$ 389,522
Prop. 1B Seismic	\$ 229,400	\$ -
Measure A	\$ 128,397	\$ 50,467
Reg. Surface Tans. Prog. (RSTP)	\$ 112,400	\$ -
Total	\$ 3,231,812	\$ 439,989

**Narrative:**

Total Construction costs, including supplemental work and contingencies, amounts to \$3,231,812. The Highway Bridge Program (HBP) will fund \$2,761,615; the remaining matching funds \$470,197 will be provided by Prop 1B Seismic (\$229,400); RSTP (\$112,400) and Measure A (\$128,397) revenues. Funds for this project are budgeted in Dept. 054, Fund 0017, Org Unit 0600, Program 2820, Department 054, Account 7510.

The total cost for Professional Services, including contingencies, amounts to \$439,989. The Highway Bridge Program (HBP) will fund \$389,522 (88.53%); Measure "A" revenue will fund the remaining \$50,467 (11.47%). Funds for this project are budgeted in Department 054, Fund 0017, Program 2820, Org Unit 0600, Account 7460.

**Special Instructions:**

Please forward a certified, stamped Minute Order approving these recommendations and the two copies of each of the executed documents to Gena Valentine Felix in the Public Works Department, Transportation Admin, at extension 3064.

**Attachments:**

1. Construction Contract
  - 1.a – Construction Contract Summary
  - 1.b – Contract for the Construction of Cathedral Oaks Road Bridge Replacement (3 original)
2. Professional Services Contract
  - 2.a. – Professional Services Contract Summary
  - 2.b – Professional Services Contract for Cathedral Oaks Road Bridge Replacement (3 original)

**Authored by:**

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Eric Pearson, P. E., Construction Section Manager; 681-5686