

REPORT TO COUNCIL

City of Sacramento

915 I Street, Sacramento, CA 95814-2604
www. CityofSacramento.org



CONSENT
April 22, 2008

**Honorable Mayor and
Members of the City Council**

Title: Agreement: Roseville Road Bridge Replacement Project (PN: RR46 / T15068500)

Location/Council District: The Roseville Road Bridge Replacement project is located on Roseville Road over Arcade Creek, between Haggin Oaks Golf Course and the Union Pacific Railroad Tracks. Location Map - Exhibit A of Resolution. (District 2)

Recommendation: Adopt a **Resolution 1)** authorizing the City Manager to execute a Professional Services Agreement with David Evans and Associates (D.E.A.) for an amount not to exceed \$1,030,043 to perform preliminary engineering, coordinate the project with Caltrans, prepare an environmental document, and prepare the final design and construction documents; and 2) appropriating funds.

Contact: Matthew Johns, Assistant Engineer, 808-5760; Ryan Moore, Senior Engineer, 808-8279.

Presenters: None

Department: Transportation

Division: Engineering Services

Organization No: 3435

Description/Analysis

Issue: The Roseville Road Bridge project over Arcade Creek is currently ranked second for bridge rehabilitation / replacement in the 2006 Transportation Programming Guide (TPG). The bridge is structurally deficient and near the end of its useful life. The Department of Transportation recommends initiating a project to replace it at this time.

Policy Considerations: The action requested is consistent with the City's Strategic Plan goals of improving public safety and enhancing livability.

Environmental Considerations: The requested action is not subject to the provisions of the California Environmental Quality Act (CEQA) under its general

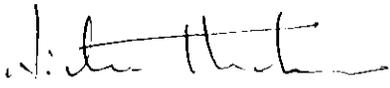
rule (Section 15061(b)(3)). The project will undergo CEQA and National Environmental Policy Act (NEPA) documentation as part of this professional services agreement.

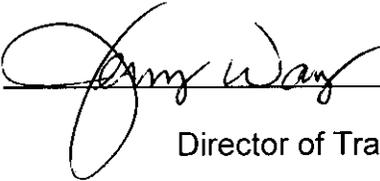
Rationale for Recommendation: The Department of Transportation advertised a Request for Proposals for the project. David Evans and Associates (D.E.A.) emerged as the top ranked firm.

Financial Considerations: The preliminary engineering, preparation and approval of the environmental document, and creation of the Plans, Specifications, & Estimate (PS&E) package for the Roseville Road Bridge Replacement project over Arcade Creek is estimated to cost \$1,200,000.

This project is funded with federal Highway Bridge Program (HBP) and local funds. The current budget is \$462,650 with an unobligated balance of \$446,075. Transferring \$737,350 from State and Federal Grant Match (T15007200) (Fund 2007) will increase the project budget to \$1,200,000 and the unobligated balance to \$1,183,425 which is sufficient to approve the agreement for \$1,030,043 and cover staff costs through final design. Funds for construction will be allocated at a future date.

Emerging Small Business Development (ESBD): This project is federally funded and Emerging and Small Business Enterprise (E/SBE) rules are held in abeyance. D.E.A. has pledged 8.5% participation. As per the revised DBE rules enacted May 1, 2006, DBE participation is not a condition of contract award.

Respectfully Submitted by: 
Nicholas Theocharides
Engineering Services Manager

Approved by: 
Jerry Way
Director of Transportation

Recommendation Approved:


RAY KERRIDGE
City Manager

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Attachment 1**Background Information:**

The City of Sacramento Department of Transportation (DOT) was notified by Caltrans that during a recent inspection, the Roseville Road Bridge structure over Arcade Creek was determined to be in need of repair and/or replacement. It was noted that many of the foundation footings are exposed due to flood damage occurring during extraordinary high flows (a phenomenon known as "scour"). In addition to the damage caused by scour, the inspection report noted moderate cracking in the deck and small areas of broken and/or missing concrete.

The existing structure was opened in 1938. It is a two lane structure with no sidewalks or bike lanes. Roseville Road is not currently on the Pedestrian Master Plan, but is shown as an on-street bicycle facility in the Bikeway Master Plan.

Upon investigation of the situation, the DOT noted that the structure was eligible for federal funding for rehabilitation and/or replacement work. It was also noted that the bridge is currently ranked #2 in the 2006 Transportation Programming Guide. Additional factors affecting the decision to pursue a project include the fact that the 70 year old bridge is too close to the end of its useful life to correct the geometric and structural issues with the structure in an economical manner. The fact that Roseville Road is identified on the City Bicycle Master Plan as a proposed corridor was also considered. The determination was made that the general condition of the structure coupled with the availability of federal funding make this project a logical choice for replacement at this time.

A request for proposals for professional services was advertised on the City website on October 5, 2007. A pre-proposal meeting was held on October 17, 2007. Seven proposals were received from the following firms:

- David Evans & Associates
- Lim & Nascimento Engineering Corp
- Mark Thomas & Company, Inc.
- Quincy Engineering, Inc.
- TRC
- URS
- Wood Rodgers, Inc.

A consultant selection panel was formed with one member from Caltrans and two members from the Department of Transportation. The consultant selection panel created a short list of three firms to invite to an interview. The short listed firms were:

- David Evans & Associates
- Mark Thomas & Company, Inc.
- TRC

At the conclusion of the interviews, it was the unanimous decision of the panel to recommend that staff engage David Evans & Associates in contract negotiations for professional services. David Evans & Associates will perform preliminary engineering, coordinate the project with Caltrans, prepare an environmental document, and prepare the final design and construction documents.

The likely replacement structure will provide two vehicular lanes, bike lanes in both directions, and allow room for the future widening of Roseville Road. All features will be designed in accordance with the City of Sacramento's Pedestrian Friendly Street standards.

The bridge structure with a higher TPG ranking is Jibboom Street Bridge at the Railyards. The Roseville Road project will proceed despite its second place ranking for the following reason:

- It is anticipated that the Jibboom Street structure will be dealt with as part of a larger strategic plan associated with the Railyards, and therefore it will not be pursued at this time.

DOT tentatively expects to spend the remainder of 2008 and most of 2009 working on preliminary engineering and the environmental process. Final design should take place in 2010, and construction is expected to start in 2011.

Attachment 2

RESOLUTION NO.

Adopted by the Sacramento City Council

APPROVING A PROFESSIONAL SERVICES AGREEMENT WITH DAVID EVANS & ASSOCIATES TO PROVIDE CONSULTANT SERVICES FOR ENGINEERING DESIGN OF THE ROSEVILLE ROAD BRIDGE REPLACEMENT PROJECT (PN: RR46 / T15068500)

BACKGROUND

- A. The Roseville Road Bridge Replacement Project is on Roseville Road over Arcade Creek, between Haggin Oaks Golf Course and the Union Pacific Railroad tracks.
- B. Due to the generally poor condition of the bridge structure, the high ranking within the 2006 Transportation Programming Guide, and the availability of federal funding, the Department of Transportation recommends moving forward with a replacement project at this time.
- C. Based on the quality of proposals submitted by consultants and the results of interviews with top ranked firms, David Evans & Associates has been selected to provide professional services for this project.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

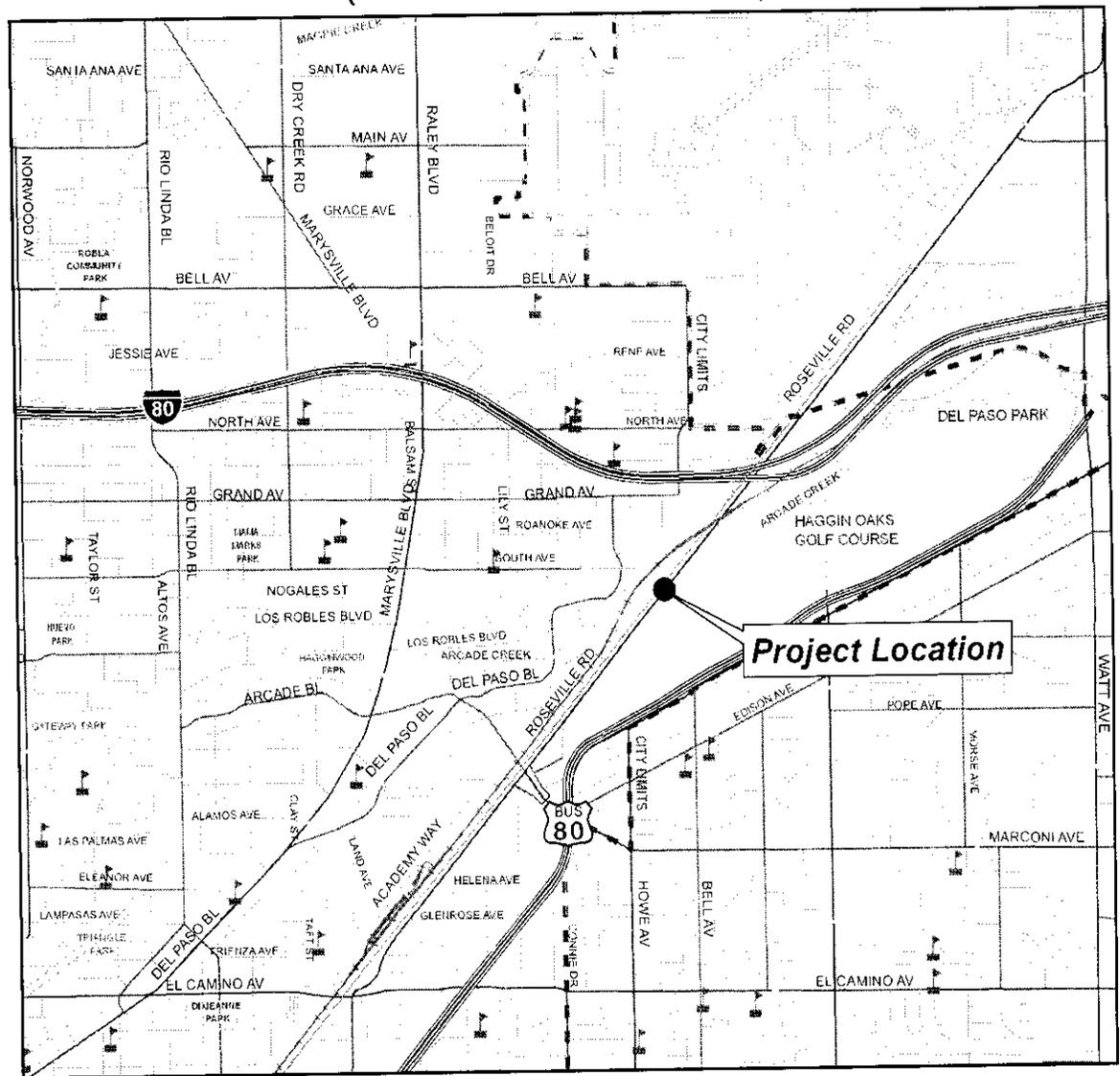
- Section 1. The FY07/08 Capital Improvement Program expense budget is amended by transferring \$737,350 from State and Federal Grant Match (T15007200) (Fund 2007) to the Roseville Road Bridge Replacement Project.
- Section 2. The City Manager is authorized to execute a Professional Services Agreement with David Evans & Associates (D.E.A.) for an amount not to exceed \$1,030,043 for the Roseville Road Bridge Replacement Project.

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Exhibit A: Map of the Roseville Road Bridge Replacement Project (PN: RR46 / T15068500) – 1 page

EXHIBIT A

Location Map for
Roseville Road
Bridge Replacement Project
(Old PN: RR46)
(New PN: T15068600)



Department of
TRANSPORTATION
City of Sacramento

Map Contact: S. Tobin
Map Date: March, 2008

