



DATE: December 16, 2008

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Authorization for the City Manager to Execute a Professional Services Agreement with BKF Engineers for Design and Construction Administration Services for the Carlos Bee Boulevard Realignment Project

RECOMMENDATION

That Council adopts the attached resolution authorizing the City Manager to execute a Professional Services Agreement with BKF Engineers for design and construction administration services for the Carlos Bee Boulevard Realignment Project in an amount not to exceed \$80,000.

BACKGROUND

Carlos Bee Boulevard is one of two major access routes to the California State University East Bay, Hayward Campus, and nearby residential areas. Westbound, between West Loop Road and Mission Boulevard, downhill drivers must encounter a steep grade of over 15 percent, which contributes to increased speeds and drivers losing control of their vehicles. Furthermore, on Carlos Bee Boulevard immediately west of Overlook Avenue, there is a sharp, horizontal curve without the normally required super-elevation. During wet weather, this problem is especially acute when drivers traveling at excessive downhill speeds lose control of their vehicles and collide into the existing crash cushions and guardrails.

The problem was documented in a citywide traffic safety improvement study using five years of collision data from the Statewide Integrated Traffic Records System and supplemental data provided by the City. The results indicated this section of Carlos Bee Boulevard as one of the worst locations in the City relative to the frequency of collisions. Additional data collection and analysis indicates a total of 144 collisions on this segment were reported between 1998 and 2007, with 76 people injured and one fatality.

While there have been a number of short-term, low-cost improvements, such as the installation of open-graded asphalt concrete overlay, advanced warning signs, guardrails and crash cushions, they have been mostly remedial in nature and have not fully addressed the curvature of this alignment. This is evident by the fact that even after implementation of these measures, collisions have continued to occur. In early 2008, the City applied for Highway Safety Improvement Program (HSIP) funding and was successful in this effort to improve Carlos Bee Boulevard. The project will include roadway realignment and reconstruction to introduce a super-elevated section through the

steep curve. In addition, this improvement will require the removal and relocation of existing ancillary components, such as utilities, sidewalk, curb, and gutter (see Exhibit A).

DISCUSSION

On October 20, 2008, a Request for Proposals to provide engineering services for the completion of environmental documents, topographic survey, road modification design, and preparation of plans, specifications, and estimates were sent to seven engineering consultants. On November 14, 2008, only two proposals were received, one from BKF Engineers and the other from Bureau Veritas. Other consultants indicated the main reason for not responding was due to their belief that there would be too much competition in the public works market because of the slowdown in private development, and that although this project was relatively small, it still required a formal proposal. BKF Engineers was found to be the best qualified to perform the work, based on their experience with similar projects and responses from the consultant's references. Furthermore, BKF Engineers has experience with federally funded projects. Therefore, staff recommends that the City Manager execute a professional services agreement with BKF Engineers to provide design and construction administration services for the Carlos Bee Boulevard Realignment Project.

FISCAL AND ECONOMIC IMPACT

The estimated project costs are as follows:

Design – Consultant	80,000
Design Administration – City Staff	35,000
Construction Contract	640,000
<u>Inspection and Testing</u>	<u>50,000</u>
	\$805,000

The FY 2009 Capital Improvement Program (CIP) includes \$805,000 for the Carlos Bee Boulevard Realignment Project in the Street System Improvements Fund. As noted previously, the City will receive HSIP funds for the project in the amount of \$724,500 to off-set all but \$80,500 of project costs. Because of the early schedule requirement of the federal grant, the original FY 2011 CIP scheduling has been accelerated to FY 2009.

PUBLIC CONTACT

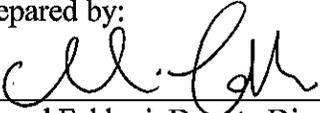
None.

SCHEDULE

The estimated schedule for this project is summarized as follows:

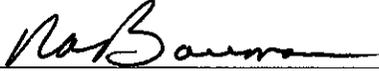
Begin Design	February 2009
Complete Design	September 2009
City Council Approval and Call for Bids	January 2010
Receive Bids	February 2010
Award Construction Contract	March 2010
Begin Construction	April 2010
End Construction	August 2010

Prepared by:



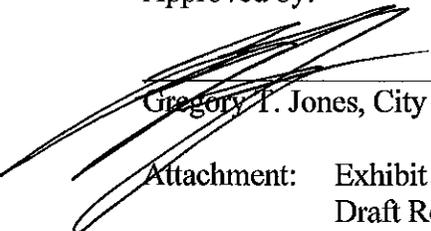
Morad Fakhrai, Deputy Director of Public Works

Recommended by:



Robert A. Bauman, Director of Public Works

Approved by:



Gregory T. Jones, City Manager

Attachment: Exhibit A: Preliminary Layout Plan
Draft Resolution

**DUE TO THE COLOR OF
THE REFERENCED
EXHIBIT, IT HAS
BEEN ATTACHED AS
A SEPARATE LINK**

DRAFT

*NH
12/8/08*

HAYWARD CITY COUNCIL

RESOLUTION NO. 08-

Introduced by Council Member _____

RESOLUTION AUTHORIZING THE CITY MANAGER TO NEGOTIATE AND EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH BKF ENGINEERS FOR DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES IN CONNECTION WITH THE CARLOS BEE REALIGNMENT PROJECT, PROJECT NO. 5105

BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to negotiate and execute a Professional Services Agreement with BKF Engineers for design and construction administration services in connection with the Carlos Bee Realignment Project, Project No. 5105, in an amount not to exceed \$80,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2008

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward