



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** December 18, 2007

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Contract For Traffic Analysis Consultant Services For The Mission Creek Bridge Projects

### RECOMMENDATION:

That Council authorize the Public Works Director to execute a contract with DKS Associates (DKS) in the amount of \$58,150 for professional transportation planning services for the Haley, Ortega, and Cota Street Bridge Projects, and approve expenditures of up to \$5,815 to DKS for extra services that may result from necessary changes in the scope of work.

### DISCUSSION:

The Haley/De La Vina (HDLV) Street Bridge at Mission Creek is in final design for replacement as part a federal grant Highway Bridge Rehabilitation and Replacement (HBRR) program. The new bridge will be widened to increase creek flow capacity to be consistent with the planned storm flow capacity of the Lower Mission Creek (LMC) Project. Roadway dimensions will remain the same. To expedite construction and drastically reduce the cost of the HDVL Bridge replacement, it is necessary to completely close the intersection of Haley at De La Vina Streets during construction. Construction of the HDLV Bridge is scheduled for spring 2009. Construction duration is expected to be approximately 18 months.

In addition, the Ortega Bridge at Mission Creek is in final design for replacement as another HBRR federal grant. The Ortega Street closure would be between Bath and Castillo Streets. This complete roadway closure is also proposed to reduce costs and the time to complete construction. The construction of the Ortega Bridge could start as early as the fall of 2009 and is expected to take approximately 12 months. Staff is trying to balance the need to complete these bridge replacement projects as quickly as possible to reduce increases to construction costs and expedite the flood control efforts, with the

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REVIEWED BY: \_\_\_\_\_Finance \_\_\_\_\_Attorney

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potential traffic impacts of the bridge closures. The traffic study will look at the impacts of the closures, and whether HDLV and the Ortega Bridge can be under construction at the same time. Pending the outcome of the traffic analysis and public input, the Ortega Bridge closure may need to be delayed to avoid any significant issues that may develop due to the potential overlap with the HDLV construction.

The traffic study will include data collection at approximately 23 intersections (see Attached Study Area Map), documentation of existing "baseline" and projected conditions for pedestrians, bicycles, and motor vehicles on selected roadway segments and intersections. The study will also include analyzing impacts to access and circulation for all travel modes at these intersections and surrounding areas. The study will take into account traffic growth and future improvements currently planned or underway.

In addition, the study will consider the potential temporary closure of Cota Street due to the anticipated replacement of the Cota Street Bridge at Mission Creek also as part of a HBRR program grant. This construction would only commence after the new Ortega Bridge was constructed.

The traffic analysis is expected to be complete by spring 2008. At that time staff will begin a neighborhood public outreach effort to inform them of the bridge traffic impact issues and to solicit their comments and concerns about durations of street closures for the bridges.

**BUDGET/FINANCIAL INFORMATION:**

The HDLV and Ortega Bridge Projects are funded with a combination of grant and City funds. The Federal Highway Bridge Rehabilitation and Replacement (HBRR) grant pays 88.53% with a City 11.47% match.

The Cota Bridge previously received HBRR grant approval at an 80% rate with the City paying the remaining 20%. Staff is processing the paperwork to deobligate the current HBRR grant rate and is pursuing a higher HBRR 88.53% grant, and 11.47% City match rate. Total bridge replacement project costs for all three bridges combined are estimated to be approximately \$21 million (\$12 million for the HDLV Bridge and \$5 million for the Ortega Bridge, and \$4 million for the Cota Bridge).

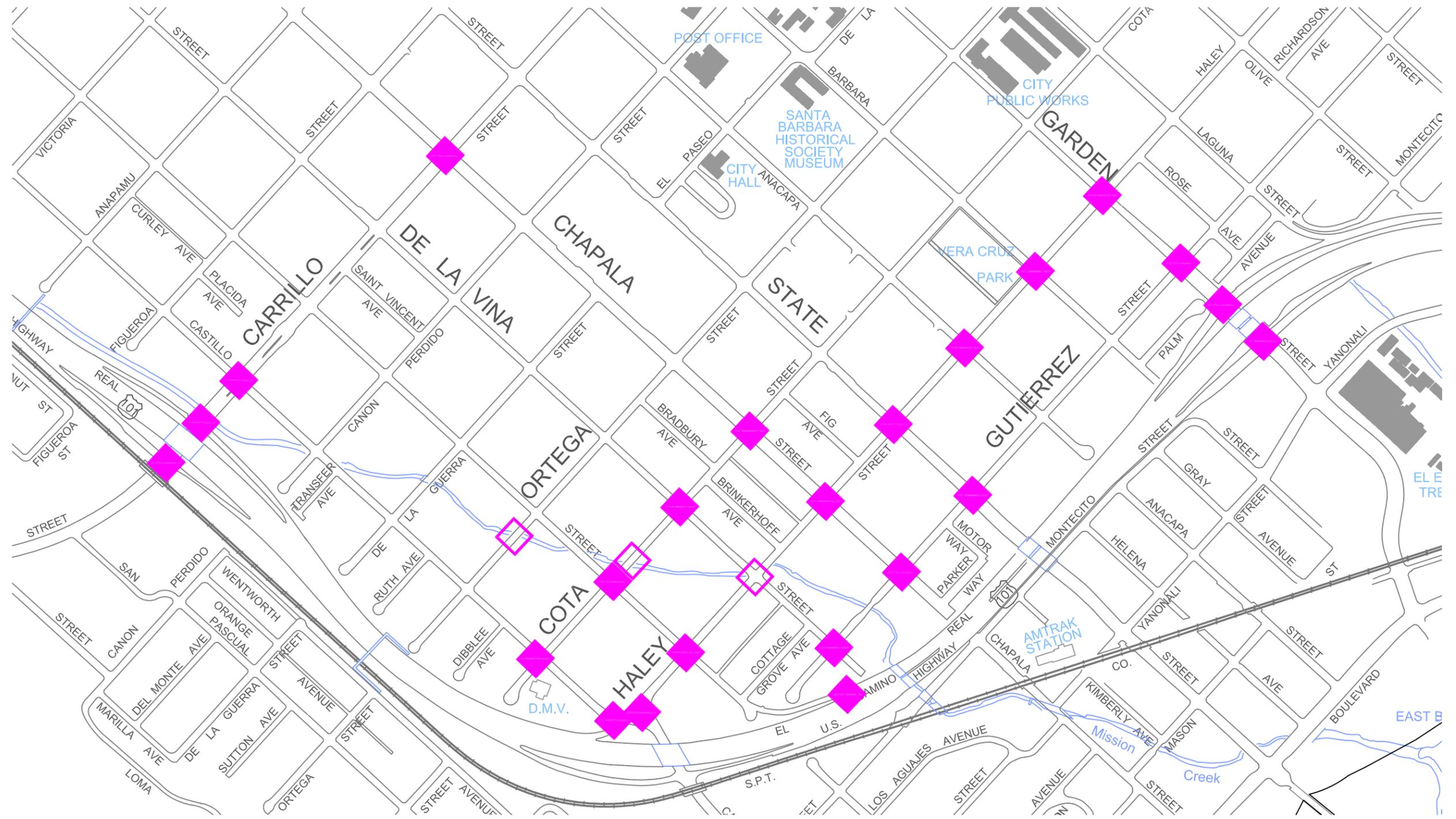
There are sufficient funds in the Street Capital Program fund to cover the City's share of the traffic study costs.

**ATTACHMENT(S):** Traffic Study Area Map

**PREPARED BY:** John Ewasiuk, Principal Civil Engineer/JRC/sk

**SUBMITTED BY:** Paul Casey, Acting Public Works Director

**APPROVED BY:** City Administrator's Office



**LEGEND**

- ◊ Bridge Replacement
- ◼ Key Intersection



**CITY OF SANTA BARBARA**  
PUBLIC WORKS DEPARTMENT-ENGINEERING DIVISION

**HALEY & ORTEGA STREET BRIDGES - TRAFFIC STUDY RFP**  
KEY STUDY AREA MAP

SCALE:	PROJ. NO. _____
VERT. _____	SHT. _____ OF _____ SHTS.
HOR. _____	DATE <b>10 OCT 07</b>
DATE <b>10 OCT 07</b>	DWG. NO. _____