



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** December 6, 2011

**TO:** Mayor and Councilmembers

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

**SUBJECT:** Contract For Final Design For The Punta Gorda Street Bridge

**RECOMMENDATION:** That Council

- A. Authorize the Public Works Director to execute a City Professional Services contract with Drake Haglan and Associates in the amount of \$120,000 for final design services for the Punta Gorda Street Bridge Replacement Project, and authorize the Public Works Director to approve expenditures of up to \$12,000 for extra services that may result from necessary changes in the scope of work;
- B. Reprogram \$25,000 of existing appropriations in the Measure D Fund for drainage improvements to this Project; and
- C. Reprogram \$75,000 of existing surplus appropriations in the Measure D Fund for the Haley/De la Vina Street Bridge Project to this Project.

### **DISCUSSION:**

#### **BACKGROUND**

City staff has been working on a plan to reduce neighborhood flooding, like that experienced in 1995, by incrementally widening Sycamore Creek just upstream from Highway 101. This is especially important given the potentially large increase in runoff due to the effects of the Tea Fire in the Sycamore Canyon watershed.

Caltrans is currently constructing the Highway 101 Widening Project from Milpas Street to Hot Springs Road. This project includes a recently completed new bridge, which will approximately triple the flood-carrying capacity of Sycamore Creek under Highway 101. In order to fully utilize the increased capacity, Sycamore Creek must be widened.

On January 13, 2009, Council authorized a contract with Penfield and Smith (P&S) to prepare a study and conceptual design options for Sycamore Creek between the Union Pacific Railroad Bridge and approximately 100 feet upstream of Indio Muerto Street.

On February 23, 2010, Council authorized P&S to complete final design services for the creek channel between Highway 101 and Punta Gorda Street, as well as preliminary design services for the Punta Gorda Street Bridge.

On August 26, 2011, the City received notification from the California Department of Housing and Community Development/Division of Financial Assistance of a conditional commitment of Disaster Recovery Initiative (DRI) grant funds in the total amount of \$2,662,525 for only the construction phases of the channel widening between Highway 101 and Punta Gorda Street and the Punta Gorda Street Bridge Replacement Project (Project).

## PROJECT DESCRIPTION

This Project consists of replacing the Punta Gorda Street Bridge and constructing the adjacent channel improvements. The existing bridge restricts the flow of Sycamore Creek during heavy runoff events and will be widened to increase its flood carrying capacity. The work includes planting native vegetation along the creek and along the top of the creek banks.

## DESIGN PHASE CONSULTANT ENGINEERING SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Drake Haglan and Associates (Drake Haglan) in the amount of \$120,000 for final design of the Punta Gorda Street Bridge. Drake Haglan has expertise in bridge design and is experienced in this type of work.

## FUNDING

Construction funding for the Project and channel widening will come largely from DRI funds, with a match of City funds as noted in the table below. Design costs to date have come from the Streets Fund. Additional funds totaling \$100,000 are needed to complete the Punta Gorda Street Bridge final design. These funds will come from Measure D funds previously appropriated for similar drainage and bridge work as stated in Recommendations B and C. No additional appropriations are required at this time.

The following summarizes all estimated total costs for the channel widening and the bridge replacement:

**ESTIMATED TOTAL PROJECT COST**

	<b>DRI Share</b>	<b>City Share</b>	<b>Total</b>
Conceptual Design (by Contract)	\$0	\$47,031	\$47,031
Channel Final Design and Bridge Preliminary Design (by Contract)	\$0	\$234,320	\$234,320
Bridge Final Design (This Contract)	\$0	\$132,000	\$132,000
Other Design Costs – City staff, Environmental Assessments, etc.)	\$0	\$150,000	\$150,000
<b>Subtotal</b>	<b>\$0</b>	<b>\$563,351</b>	<b>\$563,351</b>
Estimated Construction Contract w/Change Order Allowance	\$2,381,800	\$59,700	\$2,441,500
Estimated Construction Management/Inspection (by Contract or City)	\$280,725	\$85,500	\$366,225
<b>Subtotal</b>	<b>\$2,662,525</b>	<b>\$145,200</b>	<b>\$2,807,725</b>
<b>TOTAL PROJECT COST</b>	<b>\$2,662,525</b>	<b>\$708,551</b>	<b>\$3,371,076</b>

With the reprogramming of funds per Recommendations B and C there will be sufficient funds in the Streets Fund to cover these costs.

**PREPARED BY:** John Ewasiuk, Principal Civil Engineer/BD/sk  
**SUBMITTED BY:** Christine F. Andersen, Public Works Director  
**APPROVED BY:** City Administrator's Office