



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** April 16, 2013

**TO:** Mayor and Councilmembers

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

**SUBJECT:** Contract For Construction Management Services For The Punta Gorda Street Bridge Replacement Project

**RECOMMENDATION:** That Council:

- A. Authorize the Public Works Director to execute a City Professional Services contract with Filippin Engineering in the amount of \$330,674 for construction management support services for the Punta Gorda Street Bridge Replacement Project, and authorize the Public Works Director to approve expenditures of up to \$33,067 for extra services that may result from necessary changes in the scope of work;
- B. Authorize the Public Works Director to execute a City Professional Services contract with Penfield & Smith in the amount of \$13,060 for engineering (design) support services for Lower Sycamore Creek Channel Widening, and authorize the Public Works Director to approve expenditures of up to \$1,306 for extra services that may result from necessary changes in the scope of work;
- C. Authorize the Public Works Director to execute a City Professional Services contract with Drake Haglan and Associates in the amount of \$50,000 for engineering (design) support services for the Punta Gorda Street Bridge Replacement Project, and authorize the Public Works Director to approve expenditures of up to \$5,000 for extra services that may result from necessary changes in the scope of work; and
- D. Authorize the Public Works Director to execute a City Professional Services contract with Cardno ENTRIX in the amount of \$90,881 for environmental coordination and biological monitoring services for the Punta Gorda Street Bridge Replacement Project, and authorize the Public Works Director to approve expenditures of up to \$9,088 for extra services that may result from necessary changes in the scope of work.

### EXECUTIVE SUMMARY:

The Punta Gorda Street Bridge Replacement Project (Project) is needed to incrementally widen Sycamore Creek to reduce neighborhood flooding. To move forward with the widening effort for this Project, the City needs to obtain construction

management services to support staff, including construction management, engineering (design), and environmental and biological monitoring support services.

## **DISCUSSION:**

### PROJECT DESCRIPTION

The Project involves two concurrent improvement components. Component 1 is the Lower Sycamore Creek Channel Widening, located from U.S. Highway 101 to approximately 100 feet upstream, and just south of the Punta Gorda Street Bridge. Component 1 consists of constructing an earthen channel and other drainage facilities, planting landscape materials, and installing irrigation systems.

Component 2 is the Punta Gorda Street Bridge Replacement Project, located from the upstream limit of Component 1 to approximately 100 feet upstream of the Punta Gorda Street Bridge. Component 2 consists of removing and replacing a concrete bridge and roadway approaches, relocating water and sewer facilities, constructing an earthen channel, planting landscape materials, and installing irrigation systems. The proposed bridge consists of a precast/pre-stressed concrete deck and cast-in-place concrete abutment walls that incorporate cast-in-drilled-hole concrete foundations.

### BACKGROUND

The California Department of Transportation (Caltrans) has been coordinating with the City, and started the Sycamore Creek widening effort with its U.S. Highway 101 Widening Project from Milpas Street to Hot Springs Road. This Caltrans project has now widened Sycamore Creek under U.S. Highway 101 to accommodate triple capacity of Sycamore Creek. The City will continue the creek widening effort with the Project from U.S. Highway 101 to approximately 100 feet upstream of the Punta Gorda Street Bridge. See Attachment for previous Council actions, grant funding, discretionary board approval, and encroachment removals.

On September 7, 2012, the City received notification from the California Department of Housing and Community Development of a conditional approval of the DRI grant funds in the total amount of \$2,662,525, for creek channel widening and bridge replacement improvements. The grant funds can only be used towards construction. Favorable construction bids are anticipated, and the full grant fund amount may not be needed.

### CONSTRUCTION MANAGEMENT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Filippin Engineering (Filippin) in the amount of \$330,674 for construction management support services for the Project, and approve expenditures of up to \$33,067 for extra services that may result from necessary changes in the scope of work. Staff requested proposals from consulting construction management firms and received proposals from four firms.

Staff evaluated the proposals and concluded that Filippin is the best qualified firm. Staff negotiated the fee with Filippin and concluded that the fee is fair compensation for the services.

Staff recommends that Council authorize the Public Works Director to execute a contract with P&S in the amount of \$13,060 for engineering (design) support services for Component 1 of the Project, and approve expenditures of up to \$1,306 for extra services that may result from necessary changes in the scope of work. P&S was the designer of Component 1. Staff reviewed and concluded that P&S's proposal is fair and reasonable and would provide the best value and continuity of services without delay.

Staff also recommends that Council authorize the Public Works Director to execute a contract with DHA in the amount of \$50,000 for engineering (design) support services for Component 2 of the Project, and approve expenditures of up to \$5,000 for extra services that may result from necessary changes in the scope of work. DHA was the designer of Component 2. Staff reviewed and concluded that DHA's proposal is fair and reasonable and would provide the best value and continuity of services without delay.

Lastly, Staff recommends that Council authorize the Public Works Director to execute a contract with Cardno ENTRIX (Cardno) in the amount of \$90,881 for environmental coordination and biological monitoring services for the Project, and approve expenditures of up to \$9,088 for extra services that may result from necessary changes in the scope of work. Cardno provided the biological studies for the design of the Project. Staff reviewed and concluded that Cardno's proposal is fair and reasonable and would provide the best value and continuity of services without delay.

## COMMUNITY OUTREACH

Two months in advance of starting construction, staff will hold a Community Outreach workshop within the neighborhood of the Project. Written notices will be mailed to adjacent properties within 300 feet of the Project site. The Community Outreach workshop will provide a forum for staff interaction with the neighborhood to provide information and answer questions about the Project. Renderings and construction plans of the Project will be exhibited. Project fact sheets will be distributed which will contain information about the Project's benefit, location, construction schedule, traffic control showing temporary road closures and detours for vehicles, pedestrians, and bus routes, staff's contact information, and the City website information for construction status updates.

Staff will be mailing written notices at a minimum of two weeks in advance of the start of construction activity. The written notices will provide detailed information of construction hours, and staff's contact information will also be provided.

Once the construction contractor is issued the notice to proceed, the construction contractor will deliver another written notice 72 hours in advance of any construction

activity to the adjacent properties within 300 feet from the Project site. In addition, the construction contractor will install a sign at the Project site that will show contact information of staff, the contractor, and the Project's environmental coordinator during the construction phase.

## FUNDING

The Project's construction cost is federally funded in part by the 2010-2011 Community Development Block Grant Component Award for the 2008 Disaster Recovery Initiative Program. The following summarizes all Project design and construction costs:

### PROJECT COSTS

*\*Cents have been rounded to the nearest dollar in this table.*

<b>Project Cost</b>	<b>Federal Share</b>	<b>City Share</b>	<b>Total</b>
Design Cost - DHA (Contract)	\$0	\$166,000	\$166,000
Design Cost - P&S (Contract)	\$0	\$257,720	\$257,720
Other Design Cost - Environmental (Contract)	\$0	\$8,834	\$8,834
Other Design Cost - Land Survey (City Staff)	\$0	\$27,278	\$27,278
Project Management (City Staff)	\$0	\$116,556	\$116,556
<b>Subtotal</b>	<b>\$0</b>	<b>\$576,388</b>	<b>\$576,388</b>
Estimated Construction Contract Cost (Contract)	\$1,506,808	\$34,192	\$1,541,000
Estimated Construction Contract Change Order	\$280,773	\$0	\$280,773
Construction Management Cost (City Staff)	\$0	\$111,008	\$111,008
Construction Management Support/Inspection/Material Testing Cost (Contract)	\$363,741	\$0	\$363,741
<b>Subtotal</b>	<b>\$2,151,322</b>	<b>\$145,200</b>	<b>\$2,296,522</b>
Other Construction Cost - Engineering Support Services (DHA Contract)	\$55,000	\$0	\$55,000
Other Construction Cost - Engineering Support Services (P&S Contract)	\$14,366	\$0	\$14,366
Other Construction Cost - Environmental Coordination/Biological Monitoring (Contract)	\$99,969	\$0	\$99,969
<b>Subtotal</b>	<b>\$169,335</b>	<b>\$0</b>	<b>\$169,335</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$2,320,657</b>	<b>\$721,588</b>	<b>\$3,042,245</b>

There are sufficient appropriated and budgeted funds in the Streets Capital Program to cover current and future City costs.

#### ENVIRONMENTAL IMPACTS

The Project has received all necessary environmental permits or approvals for construction. The Project includes a low-flow fish passage channel for the Tidewater Goby and riparian bank protection and planting.

**ATTACHMENT(S):** Project Milestones

**PREPARED BY:** Linda Sumansky, Principal Engineer/JI/mj

**SUBMITTED BY:** Christine F. Andersen, Public Works Director

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

## PROJECT MILESTONES

### Council Actions

On January 13, 2009, Council authorized a contract with Penfield & 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 the final design services for creek channel widening between U.S. Highway 101 and Punta Gorda Street.

On October 4, 2011, Council approved an increase in appropriations and estimated revenues in the amount of \$3,392,985 for the newly created Disaster Recovery Initiative (DRI) Fund. This appropriation included \$2,662,525 for the Project, \$409,700 for San Pedro Creek Sewer Line Relocation, \$250,000 for an update to the City's Safety Element, and \$70,760 for general administration.

On December 6, 2011, Council authorized Drake Haglan and Associates (DHA) to complete final design services for the replacement of the Punta Gorda Street Bridge.

### Grant Funding

On September 7, 2012, the City received notification from the California Department of Housing and Community Development of a conditional approval of the DRI grant funds in the total amount of \$2,662,525, for creek channel widening and bridge replacement improvements. The grant funds can only be used towards construction. Favorable construction bids are anticipated, and the full grant fund amount may not be needed.

### Discretionary Board Approval

On September 7, 2012, the Project received final design approval from the Architectural Board of Review.

### Encroachment Removals

On August 25, 2009, Council authorized the Public Works Director to terminate the Encroachment Permit (Agreement No. 16,786, Ordinance No. 4788) of Santa Barbara Green Mobile Home Park. On November 30, 2012, the Green Mobile Home Park finished removing and relocating the mobile home coaches away from the City's creek right of way.

On September 28, 2012, the former Deluxe Mobile Home Park finished removing the remaining, dilapidated building that was located at the southeast corner of the vacant property, away from the City's creek right of way.