



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: August 13, 2013

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Final Design Of Cota Street Bridge Replacement Project

RECOMMENDATION: That Council:

- A. Approve and authorize the Public Works Director to execute a City Professional Services contract with Bengal Engineering, Inc., in the amount of \$650,485 for final design services for the Cota Street Bridge Replacement Project, and authorize the Public Works Director to approve expenditures of up to \$65,049 for extra services of Bengal Engineering, Inc., that may result from necessary changes in the scope of work; and
- B. Increase appropriations by \$115,000 in the Fiscal Year 2014 Streets Capital Fund from reserves generated from the proceeds of the sale of surplus properties acquired for past bridge replacement projects to the Cota Street Bridge Replacement Project to fund the City's portion necessary to complete the design costs not covered by the Federal Highway Administration.

DISCUSSION:

BACKGROUND

The Cota Street Bridge Replacement Project (Project) will replace the structurally deficient bridge over Mission Creek that was constructed in 1926. (See Attachment for Vicinity Map.) The new bridge will continue to accommodate the same number and sizes of traffic lanes and pedestrian access. Grant funding for the Project has been approved by the Federal Highway Administration (FHWA) with oversight provided by the State of California Department of Transportation. The FHWA previously gave authorization to proceed with Preliminary Design and right of way activities for the Project. Participating costs for design, right of way, and construction activities are reimbursed to the City at a federal reimbursement rate of 88.53 percent.

The replacement of the bridge is an integral part of the Lower Mission Creek Flood Control Project (LMCFCP), which has been a joint effort between the United States Army Corps of Engineers, Santa Barbara County Flood Control, and the City of Santa

Barbara. The LMCFCP is intended to reduce flooding on the lower portions of Mission Creek, and spans approximately 1.3 miles of the Mission Creek channel, from Canon Perdido Street to Cabrillo Boulevard. This reach of Mission Creek is subject to flooding that affects residents, businesses, and transportation facilities. Council accepted the LMCFCP Environmental Impact Report/Environmental Impact Statement in 2001.

The Project consists of removing and replacing the existing structurally deficient concrete bridge over Lower Mission Creek. The design will include lengthening the bridge to improve hydraulic conveyance, building retaining walls to accommodate the future LMCFCP, installing bridge railings, sidewalk and street enhancements, and utility realignments. In order to accommodate construction of the new bridge, the acquisition of property and relocation assistance for displaced occupants is required prior to construction of the new bridge.

The full acquisition of the properties at 221 West Cota, 230 West Cota, and 536 Bath Streets was found to be necessary to construct the proposed Project. All three acquisitions have been completed.

FINAL DESIGN PHASE - CONSULTANT ENGINEERING SERVICES

On January 26, 2010, Council authorized the Preliminary Design contract with Bengal Engineering (Bengal). Project design approval was given by the Architectural Board of Review (ABR) on July 8, 2013. Preliminary Design is now complete. Staff negotiations with Bengal Engineering for final design produced a fair and reasonable price as presented in this report.

COMMUNITY OUTREACH

The Project will need to return to the ABR for final design approval. All of the hearings have been, and will continue to be, publicly noticed.

When the construction contract is awarded, notifications by mail, including fact sheets in both English and Spanish, will be sent out to property owners and residents with basic Project related information. Pre-construction public meetings will be held to inform owners and residents of the construction timeline and review of the Project's details. Planned outreach methods during construction include Project road signs, City Television updates, news releases through local media, and a ribbon cutting ceremony for the completed bridge.

FUNDING

The FHWA will reimburse the City for 88.53 percent of eligible design, right of way, and construction costs, with a City share of 11.47 percent, plus any non-participating costs.

The following table summarizes the Project's estimated costs to date:

ESTIMATED TOTAL PROJECT COST			
COTA STREET BRIDGE REPLACEMENT	Federal Share	City Share	Project Cost
DESIGN			
Preliminary Design (by Contract with Bengal)	\$181,824	\$23,557	\$205,381
Final Design (this Contract with Bengal)	\$633,462	\$82,072	\$715,534
Environmental Review & Permits (by Contract)	\$79,310	\$10,276	\$89,586
Survey (City Staff)	\$14,636	\$6,273	\$20,909
Project Management & Review (City Staff)	\$175,000	\$75,000	\$250,000
Subtotal (Design Phase)	\$1,084,232	\$197,178	\$1,281,410
RIGHT OF WAY			
Right-of-Way (Acquisition and Relocation)	\$1,677,644	\$217,357	\$1,895,000
Real Property Services (by Contract)	\$51,347	\$6,653	\$58,000
Project Management & Review (City Staff)	\$110,663	\$14,338	\$125,000
Subtotal (Right of Way Phase)	\$1,839,654	\$238,348	\$2,078,002
CONSTRUCTION			
Construction (by Contract)	\$4,581,427	\$593,573	\$5,175,000
Construction Engineering (by Contract)	\$486,915	\$63,085	\$550,000
Project Management & Review (City Staff)	\$110,663	\$14,337	\$125,000
Subtotal (Construction Phase)	\$5,179,005	\$670,995	\$5,850,000
TOTAL ESTIMATED PROJECT COST	\$8,102,891	\$1,106,521	\$9,209,412

Construction of the Cota Street Bridge is tentatively scheduled to start in the spring of 2014 and end the summer of 2015.

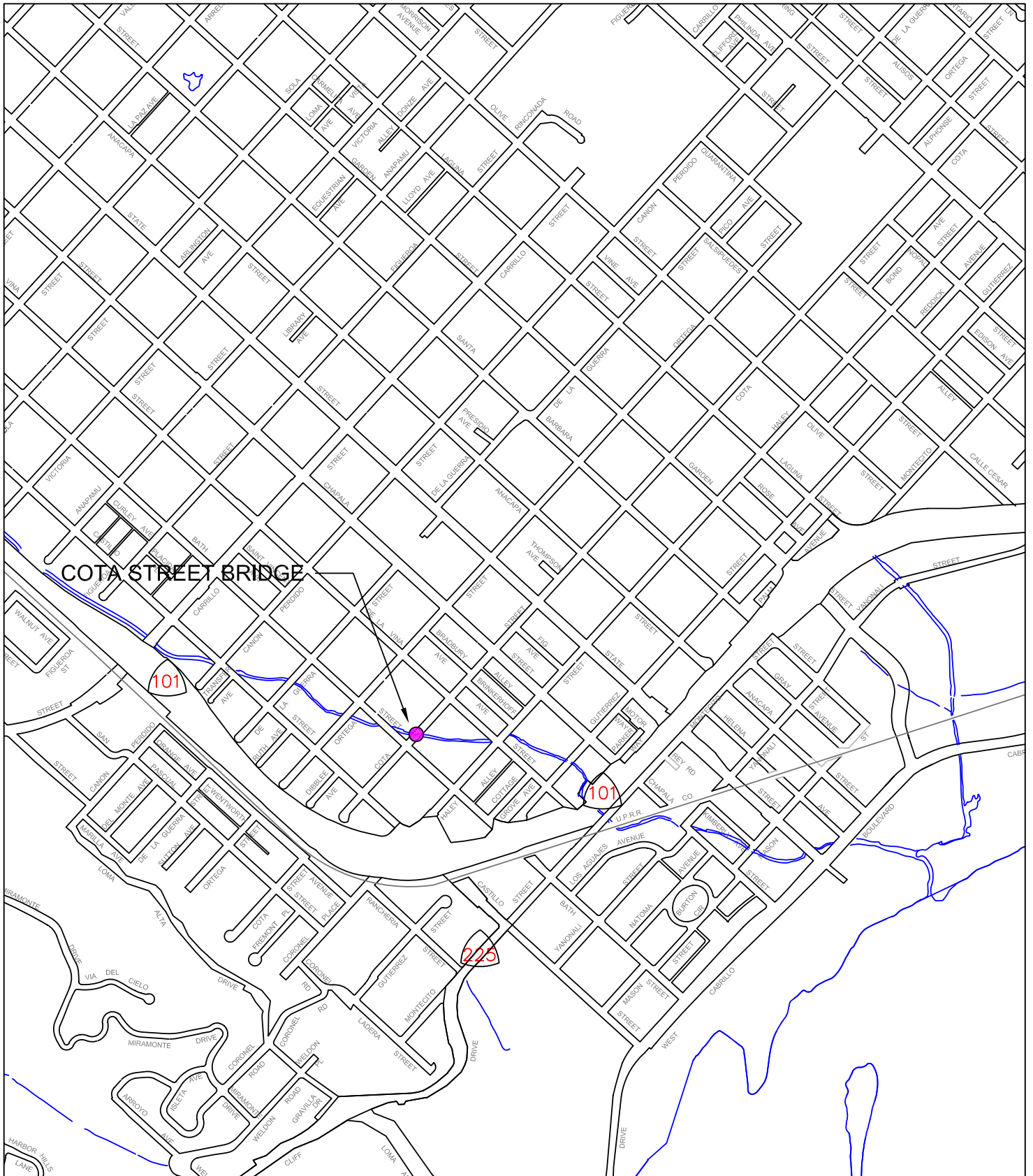
The recommended appropriation will provide sufficient funds in the Streets Fund to cover the City costs to complete the final design phase.

ATTACHMENT(S): Cota Street Bridge Replacement Project– Vicinity Map

PREPARED BY: John Ewasiuk, Principal Civil Engineer/BD/sk

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office



COTA STREET BRIDGE VICINITY MAP

DESIGN:	BD
DRAWN:	BD
CHECKED:	BD
DATE:	07/26/13
SCALE:	1"=1000'