



**Agenda Item A.4**  
**CONSENT CALENDAR**  
**Meeting Date: July 7, 2020**

---

**TO:** Mayor and Councilmembers

**FROM:** Charles W. Ebeling, Public Works Director

**CONTACT:** Gerald Comati, Project Manager

**SUBJECT:** Approval of Plans and Specifications and Authorization to Advertise for Bids for San Jose Creek Emergency Channel Repair Project (Capital Improvement Project No. 9009)

**RECOMMENDATION:**

- A. Approve Plans and Specifications for the San Jose Creek Emergency Channel Repair Project; and
- B. Authorize staff to advertise a notice inviting bids for the San Jose Creek Emergency Channel Repair Project.

**BACKGROUND:**

In 2014, the construction of the San Jose Creek Channel Capacity Improvement and Fish Passage Project was completed. Improvements extended from the downstream (south) end of the existing concrete lined channel to the existing steel bridge crossing over the channel, some 200-feet downstream (south) of Hollister Avenue. The improvements increased the flood water capacity of the channel from a 25-year event to a 100-year event and installed low flow fish-passage elements. The second phase of the channel capacity improvements will extend the channel and fish passage improvements from the upstream (north) end of the completed project to the natural San Jose Creek just north of Hollister Avenue. This second phase project, the Hollister Avenue Bridge Project (Capital Improvement Project No. 9033), will also replace the existing Hollister Avenue Bridge over San Jose Creek and is anticipated to start construction in 2021.

A winter storm event on February 17, 2017, caused structural damage to the completed portion of the widened channel. The specific damage was to the floor of the channel which consists of articulated concrete mats that allow groundwater replenishment. The location of the damage was in the upper reach of the channel approximately 300 feet downstream (south) of Hollister Avenue. Because of the storm, both Federal and State Emergency Declarations were made, which allowed Staff to pursue FEMA funding to implement interim repairs. In the summer of 2017, FEMA accepted the City's application for funding and the City proceeded with implementation of an emergency interim repair project. It

was critical that the repairs were completed prior to the 2017/18 rainy season in order to avoid additional damage to the channel and avoid potential major flooding and property damage in the adjacent Old Town Goleta. In August 2017, design of an emergency repair project was completed and on September 19, 2017, following a competitive bidding process, the City Council awarded a construction contract to construct the project. Construction was successfully completed at the end of October 2017.

The emergency interim repair project removed the damaged articulated concrete mats and underlying material and replaced it with rock protection. This represented a temporary fix until replacement of the articulated concrete mats could be fabricated and installed along with enhanced tie down elements.

## **DISCUSSION:**

In July 2019, Public Works began the design for the permanent fix of the San Jose Creek Channel. The City contracted with Bengal Engineering for design services, with Cardno for environmental and permitting, and with Hamner Jewel for right of services. A Categorical Exemption under CEQA was approved for the project based on the fact that the project is replacing a damaged portion of a previously approved project (San Jose Creek Channel Capacity Improvement and Fish Passage Project – completed in 2014). In August 2019, permit applications were submitted and as of December 2019 all required permits (US Army Corps of Engineers, Regional Water Quality Control Board, and California Department of Fish and Wildlife) were secured.

Final design plans and specifications have been completed. In an effort to ensure sufficient time for fabrication and delivery as well as to simplify the project for construction bidding purposes, the City has contracted directly with the fabricator of the articulated concrete mats, CONTECH Engineering Solution LLC. A purchase order was executed in February 2020 for the purchase and delivery of thirty (30) articulated concrete mats for construction.

Two temporary construction easements are required to construct the project. Appraisal evaluations for the easements have been completed as has preparation of legal descriptions and exhibits. Negotiations and settlement are ongoing, and completion anticipated by July 2020.

The Goleta Municipal Code (GMC), Section 3.05.210(A) and Section 3.05.170(C), requires Council authorization prior to publication of a notice inviting bids for construction projects in excess of \$200,000. Staff and the design consultant have completed design for the project and are prepared to go out to bid by for the subject project upon Council's approval and authorization. A notice to invite construction bids will be published in the public newspaper, posted on the City's website, and also advertised on E-Bidboard. Public Works anticipates returning to Council with a proposed construction contract for award in late summer 2020.

The plans and specifications for the project consist of the plan sheets, bid documents, the City general provisions, project special provisions, and permitting requirements. The

specifications also incorporate by reference the City adopted engineering standards based on the American Public Works Association (APWA) Greenbook Standard Plans and Specifications for Construction, Caltrans Standard Plans and Specifications, the County of Santa Barbara Engineering Design Standards, Occupational Safety and Health Administration (OSHA) regulations (the Construction Safety Orders), the Manual of Uniform Traffic Control Devices (MUTCD) and the Caltrans Construction Manual. The full set of plans and contract specifications are available electronically for review upon request by contacting the Public Works Department or the City Clerk's Office. Staff recommends that the City Council approve these plans and specifications and authorize staff to advertise for construction bids for the project.

It should be noted that delaying the construction of the project could jeopardize the permitting, construction schedule, and federal grant funding for the adjacent and closely linked 9033 Hollister Bridge Avenue Project.

### **FISCAL IMPACTS:**

The total project cost estimates are summarized in the table below, along with the current funding sources.

#### Project Cost Estimates

<b>Project Components</b>	<b>Estimated Costs</b>	<b>Funding Source</b>	<b>Funding Amounts</b>
Labor	\$15,000	General Fund (101)	\$175,000
Design and PM (Consultant)	\$70,000	Proposed General Fund (101)	\$570,000
Environmental Review (Consultant)	\$20,000		
Right-of-Way	\$20,000		
Construction Materials	\$50,000		
Construction	\$450,000		
Const. Contingency	\$90,000		
CM (Consultant)	\$30,000		
<b>Total:</b>	<b>\$745,000</b>	<b>Total:</b>	<b>\$745,000</b>

#### Project Funding

Total project costs are estimated to be \$745,000 with project construction estimated at \$585,000. Staff, in coordination with the design consultant, has estimated the construction costs, however given the unique nature of the construction work, lack of comparative construction cost information, current bid climate, and varying bid prices on recently bid projects it is difficult to pinpoint a precise cost estimate. Once bids are received, Public Works will evaluate the low bid and in coordination with the Finance Department, provide a recommendation to the City Manager as to whether to bring the item to the Council for

funding appropriation and award of a construction contract, or reject bids. At this time the current budget includes \$175,000 programmed towards this project with additional funding of \$570,000 that may be needed to support total project cost estimates.

The table below summarizes the FY 19/20 project budget amounts and funding source accounts:

<b>Project Name: CIP No. 9009 San Jose Creek Emergency Channel Repair Project</b>				
<b>Account</b>	<b>Fund Type</b>	<b>FY 2019-20 Adopted Budget</b>	<b>YTD Actual/ Encumbrance</b>	<b>Available Balance</b>
101-90-9009-57070	General Fund	\$125,570	\$39,825	\$85,745
101-90-9009-57071	General Fund	\$49,430	\$49,430	\$0
	<b>Total</b>	<b>\$175,000</b>	<b>\$89,255</b>	<b>\$85,745</b>

The funding source to support the additional project costs for repair is currently being evaluated but anticipated to be recommended from the City's General Fund Unassigned Fund Balance. During the recent budget workshop, the available unassigned fund balance for FY 20/21 was projected at \$5.53 million. Not completing this project in a timely manner may jeopardize the active Hollister Avenue Bridge Project (9033) that is supported by federal grant funding of \$16.1 million. In addition, if the repair is not completed prior to the Hollister Avenue Bridge Project construction, it could result in permitting issues for that project as well.

#### **ALTERNATIVES:**

The Council may elect to not approve the plans and specifications and not authorize staff to advertise for construction bids for San Jose Creek Emergency Channel Repair Project. Doing so would delay the construction of the project by a year and could jeopardize the permitting, construction schedule, and federal grant funding for the adjacent and closely linked Hollister Bridge Avenue Project (9033).

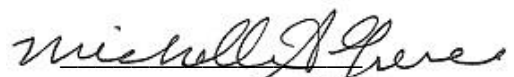
**Reviewed By:**

  
Kristine Schmidt  
Assistant City Manager

**Legal Review By:**

  
Michael Jenkins  
City Attorney

**Approved By:**

  
Michelle Greene  
City Manager