



CITY COUNCIL AGENDA REPORT

MEETING DATE: JUNE 16, 2015

ITEM NUMBER: **CC-12**

SUBJECT: ADOPT PLANS AND SPECIFICATIONS FOR THE GREENVILLE-BANNING CHANNEL IMPROVEMENT PROJECT

DATE: JUNE 4, 2015

FROM: PUBLIC SERVICES/ENGINEERING DIVISION

PRESENTATION BY: ERNESTO MUNOZ, PUBLIC SERVICES DIRECTOR

FOR FURTHER INFORMATION CONTACT: FARIBA FAZELI, CITY ENGINEER – (714) 754-5335

RECOMMENDATION:

Adopt the plans and specifications for the Greenville-Banning Channel Improvement Project.

BACKGROUND:

The Greenville-Banning Channel was originally built in 1958-59 as an earthen trapezoidal channel. Portions of the channel have since been lined with concrete or rock. This segment of the channel, from 1,100 feet downstream of California Street to the I-405 freeway, has experienced severe erosion and there are stability concerns with its embankments, concrete lining failure, and stagnant water issues.

The City of Costa Mesa nominated this project for inclusion into the Orange County Flood Control District (OCFCD) 7-Year Capital Improvement Program and the project became eligible for funding in 2012 due to the severe erosion issues and notification from the California Department of Fish and Wildlife that interim measures to mitigate the on-going erosion and stability issues would no longer be permitted and that a permanent solution was required.

Construction of the project by the Orange County Public Works Agency involves replacing existing concrete channel lining that has failed, increasing the channel flow capacity by steepening the channel embankments, lining unimproved portions of the channel with concrete to eliminate erosion, and replacing a concrete box culvert at New Hampshire Drive with a larger structure for additional flow capacity. To allow for on-site runoff infiltration, the majority of the channel bottom will remain earthen. These improvements will greatly reduce or eliminate the channel bank erosion issues which are of concern to area residents as well as reduce flood risk.

ANALYSIS:

On March 10th, 2015, the Orange County Board of Supervisors (OCBS) approved the subject project for advertising and authorized the Orange County Public Works Agency to submit Plans and Specifications for the Project to the City for approval.

The Orange County Public Works Agency received and opened (5) bids for this project on April 29, 2015. Sukut Construction Inc. was the apparent low bidder with a bid proposal of \$5,627,129. Construction is anticipated to start in July 2015 and be completed within ten months, by May 2016.

A community outreach meeting was conducted by the Orange County Flood Control District (OCFCD) and the City on October 15, 2014, at the Costa Mesa City Hall. Nearby residents were invited to attend the meeting. During the meeting, staff gave a detailed description of the project and reviewed potential impacts during the construction with the residents.

New Hampshire Drive will be closed for a period of up to 10 weeks. Nearby residents were notified to expect inconveniences associated with a large construction project such as traffic detours, construction traffic, and construction noise. The City has coordinated with OCFCD to minimize the impacts to the residents by specifying reduced construction hours, hauling routes and traffic detour plans.

Under the California Public Contract Code No. 21020.9, local agencies' approval of the plans and specifications is required prior to awarding a construction contract.

ALTERNATIVES CONSIDERED:

No alternatives are being considered for this item.

FISCAL REVIEW:

The Orange County Flood Control District (OCFCD) is fully funding this project.

LEGAL REVIEW:

There is no legal review required for this item

CONCLUSION:

The OCFCD is planning to rehabilitate the Greenville-Banning Channel from the I-405 Freeway to 1,100 feet west of California Street within the City of Costa Mesa. OCFCD has advertised and received five bids for the construction of the proposed improvements.

California Public Contract Code 21020.9 requires that the plans and specifications for any work proposed to be done in any municipality in the District, first be adopted by the legislative body of the municipality before any contract is awarded. Therefore, staff recommends that the City Council adopt the plans and specifications for the Greenville-Banning Channel Improvement Project.

ERNESTO MUNOZ
Public Services Director

FARIBA FAZELI
City Engineer

ATTACHMENT: [Vicinity Map](#)

DISTRIBUTION: Chief Executive Officer
Assistant Chief Executive Officer
City Attorney
City Clerk