

City of Brisbane

Agenda Report

TO: Honorable Mayor and City Council

FROM: Director of Public Works/City Engineer via City Manager

SUBJECT: Bayshore Boulevard South Sewer Force Main Project (Project No. 9F07)

DATE: Meeting of September 3, 2015

City Council Goals: To maintain and improve infrastructure. (#3)

Purpose:

To obtain Council's approval for requesting bids to complete the Bayshore Boulevard South Sewer Force Main Project

Recommendation:

Approve the plans and specifications, and authorize the publication of Notice Inviting Bids for construction of the Bayshore Boulevard South Sewer Force Main Project.

Background:

The July 2003 Sewer Master Plan recommended a prioritized capital improvement program to correct deficiencies in the City's sewer collection system. One of the recommended projects is to "underground" an existing aboveground sewer force main that carries pumped wastewater from the Valley Drive Lift Station (VDLS) to a manhole at the intersection of Bayshore Boulevard and Guadalupe Canyon Parkway. This eight-inch diameter high-density polyethylene force main (currently located along the west shoulder of Bayshore Boulevard, behind the guard rail) is one of two parallel force mains serving VDLS, and was installed in 2003 to provide additional capacity for wet weather flows as the Valley Drive Lift Station was constructed. This project will underground the "temporary" aboveground installation.

City Council authorized engineering design services by BKF Engineers for the Bayshore Boulevard South Sewer Force Main Project on December 4, 2006. BKF substantially completed the plans and specifications for the project in November 2007. At that time, construction was put on hold due to funding constraints.

On April 16, 2015, the City Council adopted Resolution No. 2015-11 authorizing the issuance and sale of revenue bonds to finance improvements to the city's public utilities, including the Bayshore Boulevard South Sewer Force Main Project.

BKF Engineers subsequently updated the original project plans and specifications, and the engineer's estimate. Those documents are included in this staff report.

Discussion:

The current engineer's estimate for this project is \$553,350. The total estimated cost to complete the project is \$575,350 (including \$22,000 for engineering support during construction). The project cost estimate has increased significantly from the 2007 construction estimate of \$418,000 primarily due to the current pace of major construction projects in the Bay Area since the economic recovery.

Fiscal Impact:

Funds will be taken from the \$5,000,000 revenue bond for utility capital improvements.

Measure of Success:


A properly functioning underground sewer force main located completely within the public right-of-way.

Attachments:

Plans and Specifications for Bayshore Boulevard South Sewer Force Main Project.



Senior Civil Engineer



Director of Public Works/City Engineer



City Manager

A copy of supporting materials provided to the City Manager and Council Persons in connection with this agenda item is available for public inspection and copying at 50 Park Place, City of Brisbane Department of Public Works, Brisbane, CA, 94005, Telephone: (415) 508-2130.