



Legislation Details (With Text)

File #: 19-454 **Version:** 1 **Name:** Neptune Drive FEMA Flood Control Project
Type: Staff Report **Status:** Filed
In control: Facilities & Transportation Committee
On agenda: 9/4/2019 **Final action:** 9/4/2019
Enactment date: **Enactment #:**
Title: Neptune Drive Shoreline Flood Protection
Sponsors: Keith Cooke
Indexes:
Code sections:
Attachments: 1. Neptune Drive Shoreline Flood Protection

Date	Ver.	Action By	Action	Result
9/4/2019	1	Facilities & Transportation Committee	Received and Filed	

Neptune Drive Shoreline Flood Protection

SUMMARY AND RECOMMENDATIONS

Staff will review the project status including feedback received from the public.

BACKGROUND

In 2018 the Federal Emergency Management Agency (FEMA) adopted revised flood risk maps that indicate increased risk of flooding to approximately 1,000 San Leandro properties. This flooding risk is a result of a low spot on the shore of the San Francisco Bay near the intersection of Neptune Drive and Marina Boulevard as well as the height of the levee along the Estudillo Canal.

The City hired a consultant to design and obtain approval for a project to build a levee along the edge of the San Francisco Bay to prevent water from entering the neighborhood through the low spot near Neptune Drive and Marina Boulevard. The City also hired a consultant to prepare documents necessary for the formation of an assessment district to fund the improvements.

The Alameda County Flood Control District, which provides flood protection for Alameda County, initiated a project to modify the levees along the Estudillo Canal so that the canal will protect the adjacent neighborhood from a one hundred year flood. The County's project and the City's project both completed together with review approval from FEMA will allow the impacted properties to be designated with a lower flood risk designation and potentially lower flood insurance premiums.

Analysis

The Neptune Drive Shoreline Flood Protection project will cost approximately \$2,000,000 including easements, design, and construction. The work to date has been funded by a \$500,000

appropriation in the FY2017-18 CIP Budget. An assessment district is being considered to provide additional funding for the project because of its direct benefit to impacted properties and therefore not a specific responsibility of the City. However, the City cannot form an assessment district without property owner approval.

The project design is 75% complete and will be submitted for permits shortly. Approval time for the permitting agencies is uncertain and can be up to one year. The assessment district is in the early stages of the process with the primary activities completed being outreach and education for the project and assessment district formation consisting of mailings, surveys, website (https://www.sanleandro.org/depts/transit/neptune_survey.asp), and a public meeting.

Attachment to Staff Report

- Neptune Drive Shoreline Flood Protection Presentation

PREPARED BY: Nick Thom P.E., City Engineer, Engineering and Transportation Department