



PUBLIC WORKS – UTILITY OPERATIONS

DATE: March 31, 2020

FROM: Michelle Klose, P.E., Director of Utility Operations

ITEM: Approval to submit planning level flood protection information to State Water Commission

REQUEST

Approval to submit planning level flood protection information to the State Water Commission for inclusion in the biennial Water Development Plan.

Please place this item on the April 14, 2020 City Commission meeting.

BACKGROUND INFORMATION

The State Water Commission is developing a Water Development Plan for the 2021-2023 biennium and beyond. Public Works Utility Operations is requesting approval to submit a flood protection project with the State Water Commission to seek cost-share assistance. The State Water Commission has supported an initial phase of flood protection on the south side of Bismarck through the Tavis structure, road raises, and embankments. This second phase provides protection to the Wastewater Treatment Plant through changes to the outfall and protection of Southport through embankment raises and bay closure structure. The planning level cost estimate is \$3.5 million with \$1million needed for the plant and \$2.5 million for Southport. The submission of this project will allow a determination by the State if there is available cost share.

Application for funding and completion of a cost benefit analysis would be future steps if these projects are supported within the State approval of State Water Commission biennial budget for water projects.

RECOMMENDED CITY COMMISSION ACTION

Approval to submit a phase two flood protection project with the State Water Commission to be included in the Water Development Plan, to seek cost share for the Wastewater Treatment Plant outfall improvements and protection of Southport.

STAFF CONTACT INFORMATION

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