



AGENDA ITEM FORM

SUBJECT: Request Authorization to Solicit Bids for McMullen Water Treatment Plant Chemical Feed Line Relocation and Establish the Date of the Public Hearing as the Date of the January 2017 Board Meeting

SUMMARY:

- As part of McMullen Water Treatment Plant process, chemicals are conveyed from their delivery and storage location in the Chemical Building to various treatment locations. Currently the chemicals are conveyed through plastic piping buried directly in the soil. Over the years there have been several occasions where the chemical lines have leaked requiring emergency excavation and repairs to maintain operations.
- The purpose of this project is to replace the direct buried piping with a series of carrier pipes that in turn contain flexible tubing, which conveys chemicals. Tubing is manufactured in long lengths minimizing the potential for leaky connections. It also can be easily pulled out of a carrier pipe and replaced with new tubing in the event of leaking or ruptures. Carrier pipes are sloped uniformly to intermediate structures such that chemical leaks will drain into the structures and be fully contained prior to performing repairs.
- Preparation of plans, specifications, and contract documents for the McMullen Water Treatment Plant Chemical Feed Line Relocation is complete.
- The engineer's estimate is \$240,300.
- Staff recommends the Board to authorize staff to solicit bids for McMullen Water Treatment Plant Chemical Feed Line Relocation and establish the date of Public Hearing as the date of the January 2017 Board meeting.

FISCAL IMPACT:

Funds for this project will come from the McMullen Treatment Plant – Sodium Hypochlorite, Fluoride, and Polyphosphate Transfer Lines Work Plan. The 2016 Work Plan has budgeted funds for contracted work of \$191,500. Additional funds needed for this project will come from funds budgeted for other capital improvement projects not completed in 2016.

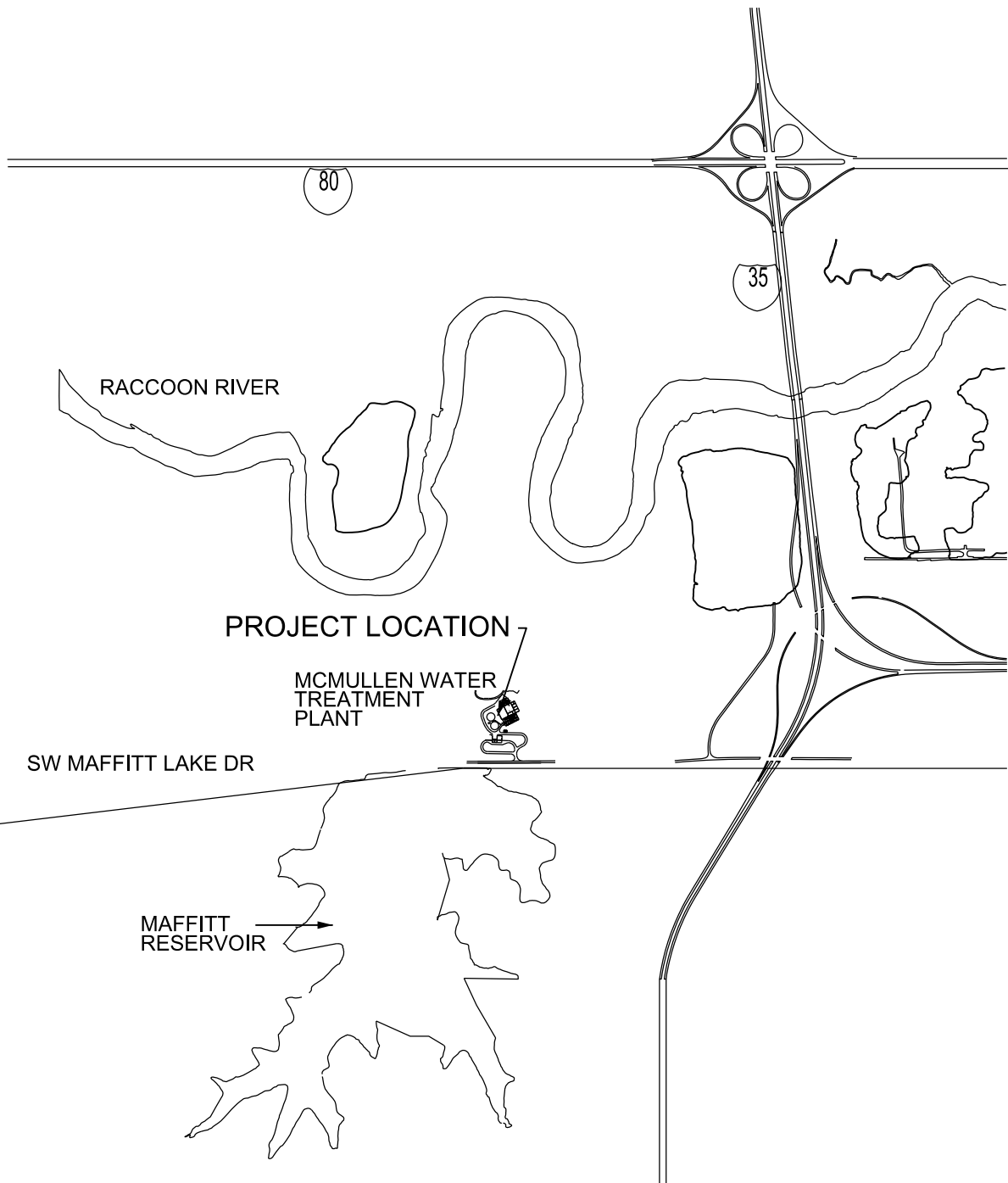
RECOMMENDED ACTION:

Authorize staff to solicit bids for McMullen Water Treatment Plant Chemical Feed Line Relocation and establish the date of Public Hearing as the date of the January 2017 Board meeting.

BOARD REQUIRED ACTION:

Motion to authorize staff to solicit bids for McMullen Water Treatment Plant Chemical Feed Line Relocation and establish the date of Public Hearing as the date of the January 2017 Board meeting, and direct staff to publish notice as provided by law.

_____ / _____ Donald K. Staley, P.E. (date) Engineering Supervisor	_____ / _____ Danny J. Klopfer, P.E. (date) Engineering Services Manager	_____ / _____ William G. Stowe (date) CEO and General Manager
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NOT TO SCALE