

AGENDA ITEM FORM

SUBJECT: Request Authorization to Solicit Bids for Fleur Drive Operations Center Stormwater System Improvements – Phase 1 and Establish the Date of Public Hearing as the Date of the January 2015 Board Meeting

SUMMARY:

- The existing storm sewer system at the Fleur Drive Operations Center is undersized to the extent it lacks the capacity to evacuate storm-water runoff produced by a storm with a recurrence interval of less than one year. Storm-water collection systems are often designed to handle storm events with a recurrence interval of up to 50 or 100 years.
- One of the reasons for the lack of capacity is the increased runoff that has resulted from the additional roof areas and driveway/parking areas constructed within the Fleur Drive Operations Center over the past 25 years.
- At the March 2012 Board meeting, the Board of Trustees authorized the execution of a professional services agreement with Snyder & Associates, Inc., to evaluate alternatives to increasing protection to facilities during rainfall events and improving the capacity of the storm-water handling system inside the Fleur Drive Operations Center.
- Alternatives that were considered by Snyder & Associates included:
 1. Erection of temporary flood barriers at critical locations inside the Fleur Drive Operations Center prior to potential flood events.
 2. Increasing the capacity of an existing storm-water pump station.
 3. Replacing portions of the undersized storm-water collection system inside the Fleur Drive Operations Center with larger pipe.
- Staff has decided to pursue a phased strategy that consists of replacing sections of existing 15-inch- and 20-inch-diameter pipe with 24-inch-, 30-inch- and 42-inch-diameter pipe under phase one. The second phase of improvements, tentatively scheduled for 2016 or 2017, consists of enlarging the capacity of the existing storm-water pump station.
- Preparation of plans, specifications, and contract documents for the Fleur Drive Operations Center Stormwater System Improvements – Phase 1 contract is nearing completion.
- The engineer's estimate for this Phase 1 contract is \$300,000.
- Staff recommends the Board authorize staff to solicit bids for the Fleur Drive Operations Center Stormwater System Improvements – Phase 1 and establish the date of Public Hearing as the date of the January 2015 Board meeting.

FISCAL IMPACT:

Funds for this project will come from the Operations Center Storm Water System Design Work Plan (\$175,500) with the remainder of funds coming from the 2014 Facility Management Work Plan.

RECOMMENDED ACTION:

Authorize staff to solicit bids for Fleur Drive Operations Center Stormwater System Improvements – Phase 1 and establish the date of Public Hearing as the date of the January 2015 Board meeting.

BOARD REQUIRED ACTION:

Motion to authorize staff to solicit bids for Fleur Drive Operations Center Stormwater System Improvements – Phase 1 and establish the date of Public Hearing as the date of the January 2015 Board meeting, and direct staff to publish notice as provided by law.

_____/_____ Vern Rash, P.E., L.S. (date) Project Manager	_____/_____ Danny J. Klopfer, P.E. (date) Engineering Services Manager	_____/_____ William G. Stowe (date) CEO and General Manager
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