


COUNCIL COMMUNICATION

	Number:	24-401	Meeting:	October 7, 2024
	Agenda Item:	6D	Roll Call:	24-1328
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: George Flagg Parkway and Fleur Drive Floodgate Closure - Receiving bids, (11-5-24), and Setting date of hearing, (12-9-24). (Construction Estimate -\$2,950,000).

SYNOPSIS:

Recommend the City Council order construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project includes floodgate replacement at the intersection of George Flagg Parkway and Fleur Drive.

FISCAL IMPACT:

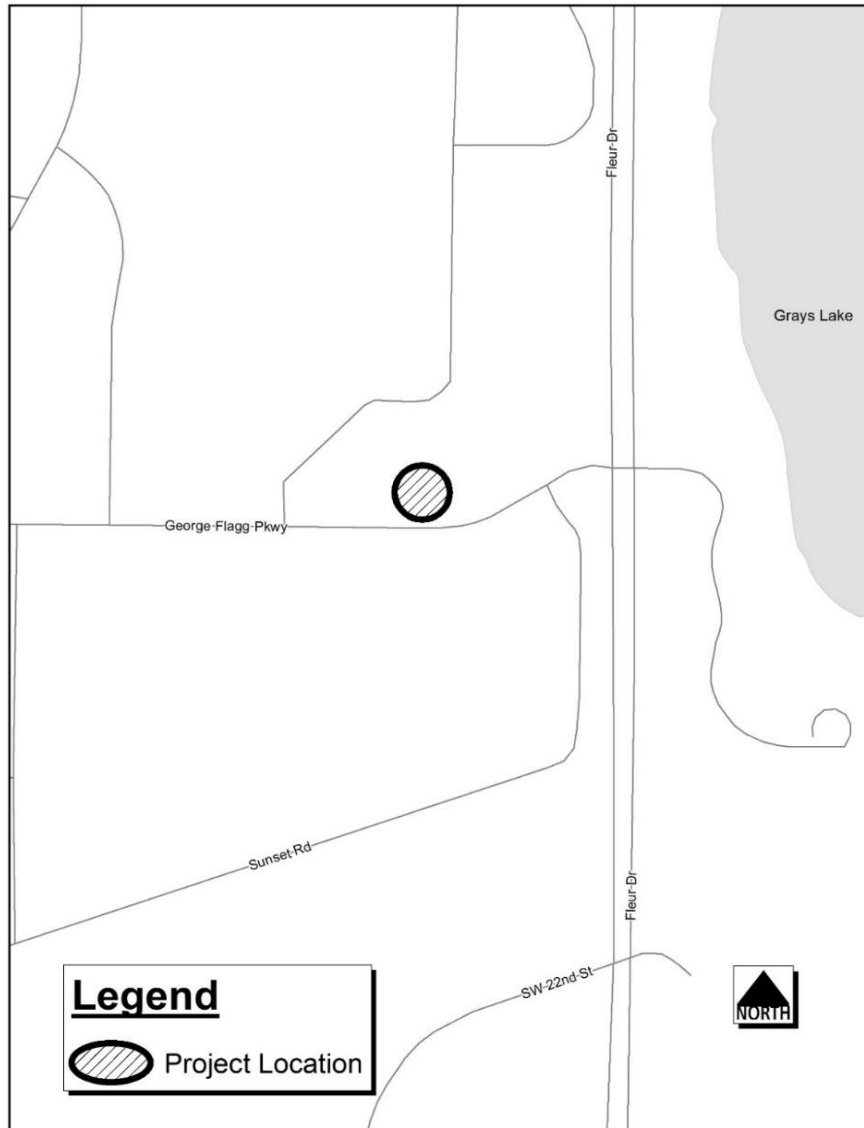
Amount: \$2,950,000 City Engineer's Estimate

Funding Source: Fiscal Year (FY) 2024-2025 Capital Improvement Program (CIP), Page 95, George Flagg Parkway Levee Replacement Study, SM137, Storm Water Utility Funds

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the George Flagg Parkway and Fleur Drive Floodgate Closure, Activity ID 08-2022-005. The improvement includes demolition of existing floodgate, earthwork, cast-in-place concrete floodwall, fabricated steel roller flood gate, sheet piling, Portland Cement Concrete (PCC) pavement, pavement removal, storm sewer, construction survey, temporary traffic control, pavement markings, erosion control, site restoration, and other incidental items, all in accordance with the contract documents including Plan File No. 661-091/127, located at the intersection of George Flagg Parkway and Fleur Drive.
- The estimated construction cost is \$2,950,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- Construction of this project is anticipated to be completed by winter 2025.
- The existing floodgate closure was originally installed in 1996. It is the largest panel closure in the levee system and one of the oldest. It is difficult and very labor intensive to install, typically

taking five (5) to seven (7) hours to assemble. There is an increased risk that the levee closure may not be installed in time to prevent flooding during rapidly rising river conditions. This levee closure protects approximately 150 acres of property including the Des Moines Water Works Administration Building and multiple commercial properties. A new closure structure will reduce the time to install the closure and improve flood fighting capabilities.



PREVIOUS COUNCIL ACTION(S):

Date: August 22, 2022

Roll Call Number: [22-1310](#)

Action: [Approving](#) Professional Services Agreement with Barr Engineering Company for professional services for George Flagg Parkway and Fleur Drive Floodgate Closure, not to exceed \$348,700. ([Council Communication No. 22-383](#)) Moved by Gatto to adopt. Second by Boesen. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

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