

COUNCIL COMMUNICATION

	Number:	25-405	Meeting:	November 3, 2025
	Agenda Item:	6c	Roll Call:	25-1465
	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: Jackson Basin Water Quality Improvements - Receiving bids, (11-25-25), and Setting date of hearing, (12-22-25). (Construction Estimate - \$3,000,000).

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. The Jackson Basin Water Quality Improvements between SE 14th Street and SE 9th Street generally includes:

- Removing existing subdrain and concrete cunettes (i.e., a U-shaped channel or trough).
- Grading and shaping the current stormwater control basin to transform it into a stormwater wetland complex.
- Stabilization of approximately 18 acres of surface area.

FISCAL IMPACT:

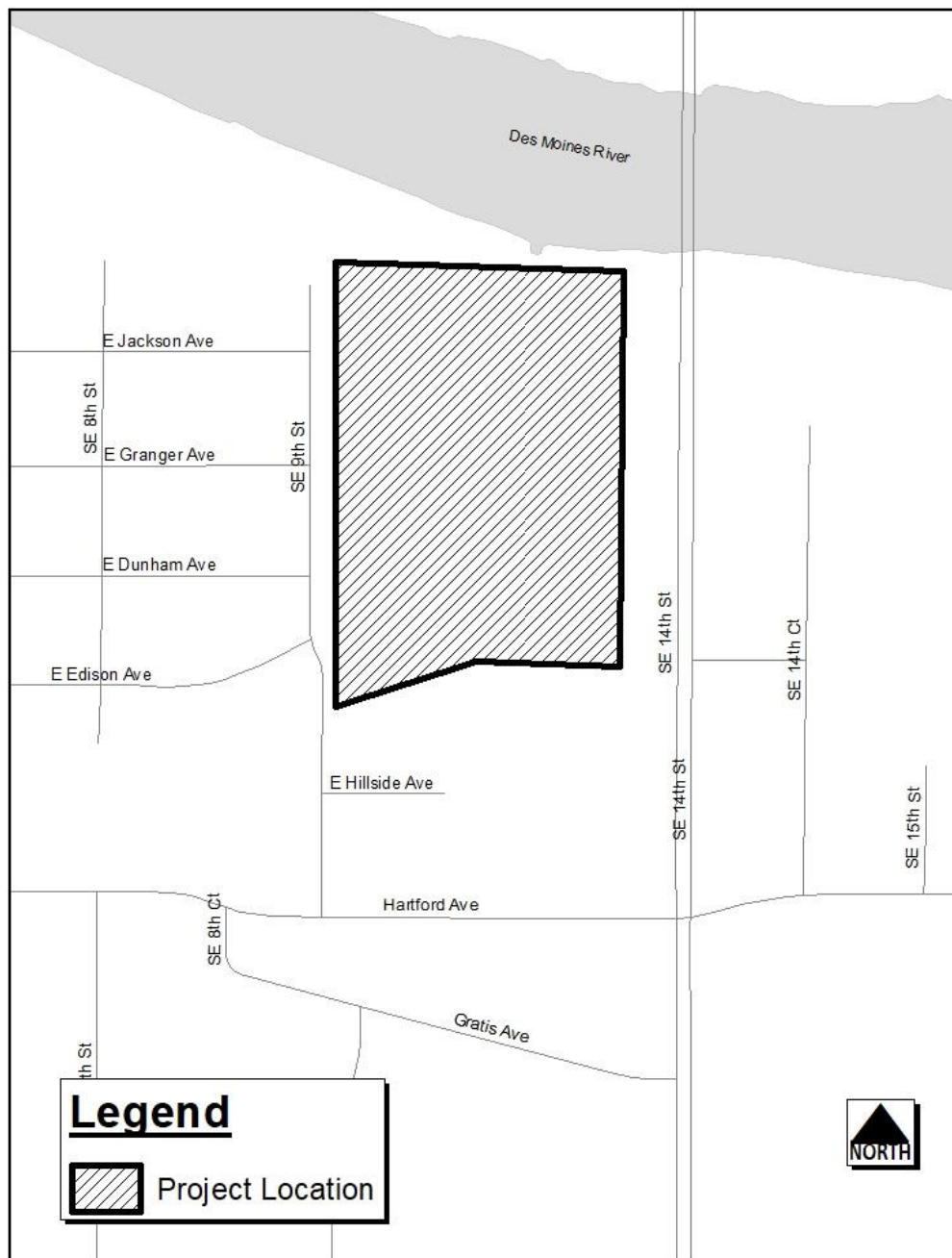
Amount: \$3,000,000 City Engineer's Estimate

Funding Source: Fiscal Year (FY) 2025-2026 Capital Improvement Program (CIP), Page 106, Jackson Basin Stormwater Wetland Improvements, SM139 , Being: \$1,600,000 State Revolving Loan Sponsored Project Funds (CWSRF No. CS1920944-01); \$500,000 Iowa Department of Agriculture and Land Stewardship Urban Water Quality Initiative Funds (Contract No. URBAN23WQUI-006); and the remaining \$900,000 from the Storm Water Utility Fund

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Jackson Basin Water Quality Improvements, Activity ID 08-2024-005. The improvement includes grading, on-site earthwork, earthwork export, Portland Concrete Cement (PCC) pavement removal, storm sewer, intakes, traffic control, restoration, seeding, and other miscellaneous associated work, all in accordance with the contract documents including Plan File No. 676-001/022, located along the south side of the Des Moines River between SE 14th Street and SE 9th Street.

- The estimated construction cost is \$3,000,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- The City intends to implement a water quality retrofit of an existing stormwater dry detention basin known as Jackson Basin which is located along the south side of the Des Moines River near E. Jackson Avenue between SE 9th Street and SE 14th Street. The dry basin will be converted to a wetland facility. The Jackson Basin is positioned where the 1,379-acre Crawford Creek urban watershed outflows into the Des Moines River.
- This project's construction is anticipated to begin in the early spring of 2026 and be completed in the fall of 2026.



PREVIOUS COUNCIL ACTION(S):

Date: June 17, 2024

Roll Call Number: [24-0843](#)

Action: [Approving](#) a Professional Services Agreement with RDG Planning & Design, Inc. for professional services for Jackson Basin Stormwater Wetland Final Design, not to exceed \$331,800. ([Council Communication No. 24-264](#)) Moved by Gatto to adopt. Second by Voss. 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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