COUNCIL COMMUNICATION				
CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	20-435	Meeting:	October 5, 2020
	Agenda Item:	5D	Roll Call:	20-1550
	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: Hamilton Drain Storm Water Improvements Phase 1 - Receiving bids, (10-20-20), and Setting date of hearing, (11-23-20). Construction Estimate - \$2,500,000.

### **SYNOPSIS:**

Recommend the City Council proceed with 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 provides for the construction of underground storm water detention basins near the intersections of Amherst Street and E. Shawnee Avenue and an above ground storm water detention basin near the intersection of E. Oak Park Avenue and E. 12th Street. These storm water detention basins are part of the planned Hamilton Drain East System Storm Sewer Improvements that will reduce storm water flooding in the Highland Park neighborhood.

#### **FISCAL IMPACT:**

Amount: \$2,500,000 City Engineer's Estimate

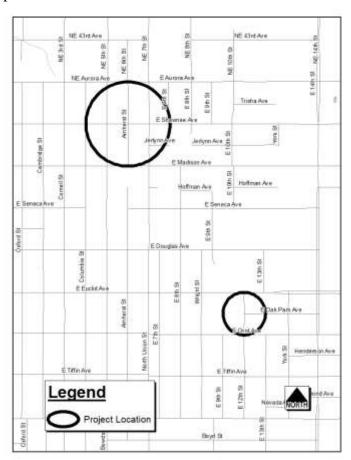
<u>Funding Source</u>: 2020-2021 CIP, Page Storm – 10, Hamilton Drainage Area Improvements, SM133, Being: \$2,378,790 in Storm Water Utility funds, and the remaining \$121,210 from Des Moines Water

Works

### ADDITIONAL INFORMATION:

• The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Hamilton Drain Storm Water Improvements Phase 1, 08-2019-012. The improvement includes construction of an underground storm water detention basin and an above ground detention basin, storm sewer, and parking lot reconstruction including: Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, removals, earthwork, water main adjustments, storm sewers, intakes, traffic control, fencing, site furnishings, plantings, erosion control, and surface restoration; all in accordance with the contract documents, including Plan File Nos. 620-057/115, near the intersections of Amherst Street/E. Shawnee Avenue and E. Oak Park Avenue/E. 12th Street.

- The estimated construction cost is \$2,500,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- Currently, a wood box culvert, known as the Rocky Place Storm Sewer and installed in the 1930s in the Highland Park Neighborhood, conveys much of the drainage in the watershed generally located west of E. 14th Street, east of 2nd Avenue, north of Hull Avenue, and south of Aurora Avenue. This area has experienced flooding and the Federal Emergency Management Administration has designated a Special Flood Hazard Area in the neighborhood.
- The City, with the help of a Consultant, developed a conceptual plan for proposed improvements, known as the Hamilton Drain East System Storm Sewer Improvements, which includes replacement of the old wooden box with new storm sewer in a new alignment through the neighborhood, and construction of multiple stormwater detention facilities to mitigate flooding and manage stormwater. Public meetings were held in October 2017, May 2019, and August 2020 to gather input prior to developing conceptual improvements, obtain feedback on proposed conceptual improvements, and present the final conceptual plan for improvements.
- Phase 1 of the Hamilton Drain East System Storm Sewer Improvements includes construction of underground storm water detention basins near the intersections of Amherst Street and E. Shawnee Avenue and an above ground storm water detention basin near the intersection of E. Oak Park Avenue and E. 12th Street. Phase 1 construction is estimated to begin in the spring 2021 and be complete in the fall 2021.



# PREVIOUS COUNCIL ACTION(S):

Date: July 15, 2019

Roll Call Number: 19-1087

<u>Action</u>: <u>Authorization</u> to proceed with acquisition of the necessary property interests for the Hamilton Drain East System Storm Sewer Improvements – Phase 1 and 2 Project. (<u>Council Communication No. 19-326</u>) Moved by Gatto to adopt. 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.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.