


## COUNCIL COMMUNICATION

	Number:	<b>21-512</b>	Meeting:	<b>December 6, 2021</b>
	Agenda Item:	<b>7C</b>	Roll Call:	<b>21-1787</b>
	Submitted by:	<b>Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Ordering construction of the following: Closes Creek Storm Sewer Improvements Phase 3 - Receiving bids, (12-21-21), and Setting date of hearing, (1-24-22). Construction Estimate - \$9,000,000.

### 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. This project provides for increased storm water conveyance capacity as part of the Closes Creek Watershed Improvements.

### FISCAL IMPACT:

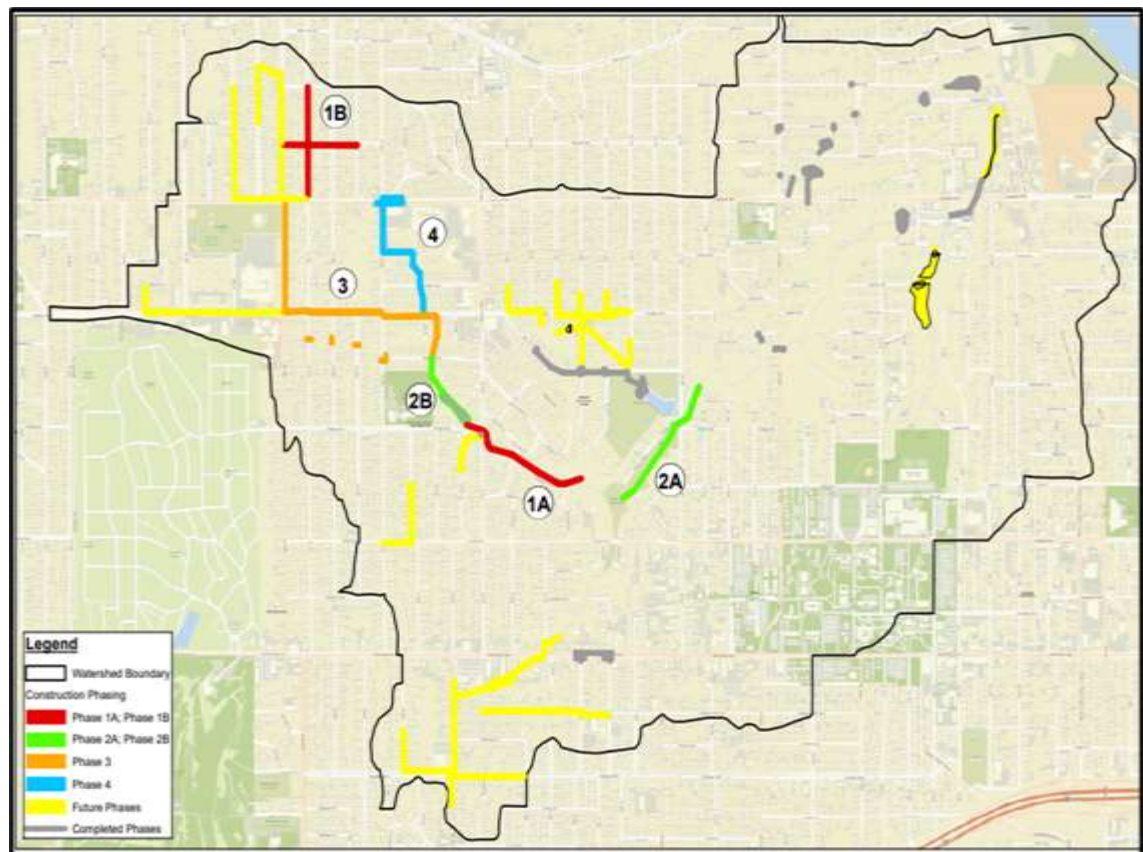
Amount: \$9,000,000 City Engineer's Estimate

Funding Source: 2021-2022 CIP, Page 98, Closes Creek Watershed Improvements, SM068, Being: \$2,500,000 of Stormwater Utility Bonds Issued; \$4,463,000 Stormwater Utility Bonds to be issued, \$1,200,000 in G.O. bonds to be issued transferred from ST286 - Franklin Avenue - Beaver Avenue to Merle Hay Road, \$250,000 in LOSST funds transferred from ST800 – LOSST Street Improvements; and the remaining \$587,000 from Des Moines Water Works.

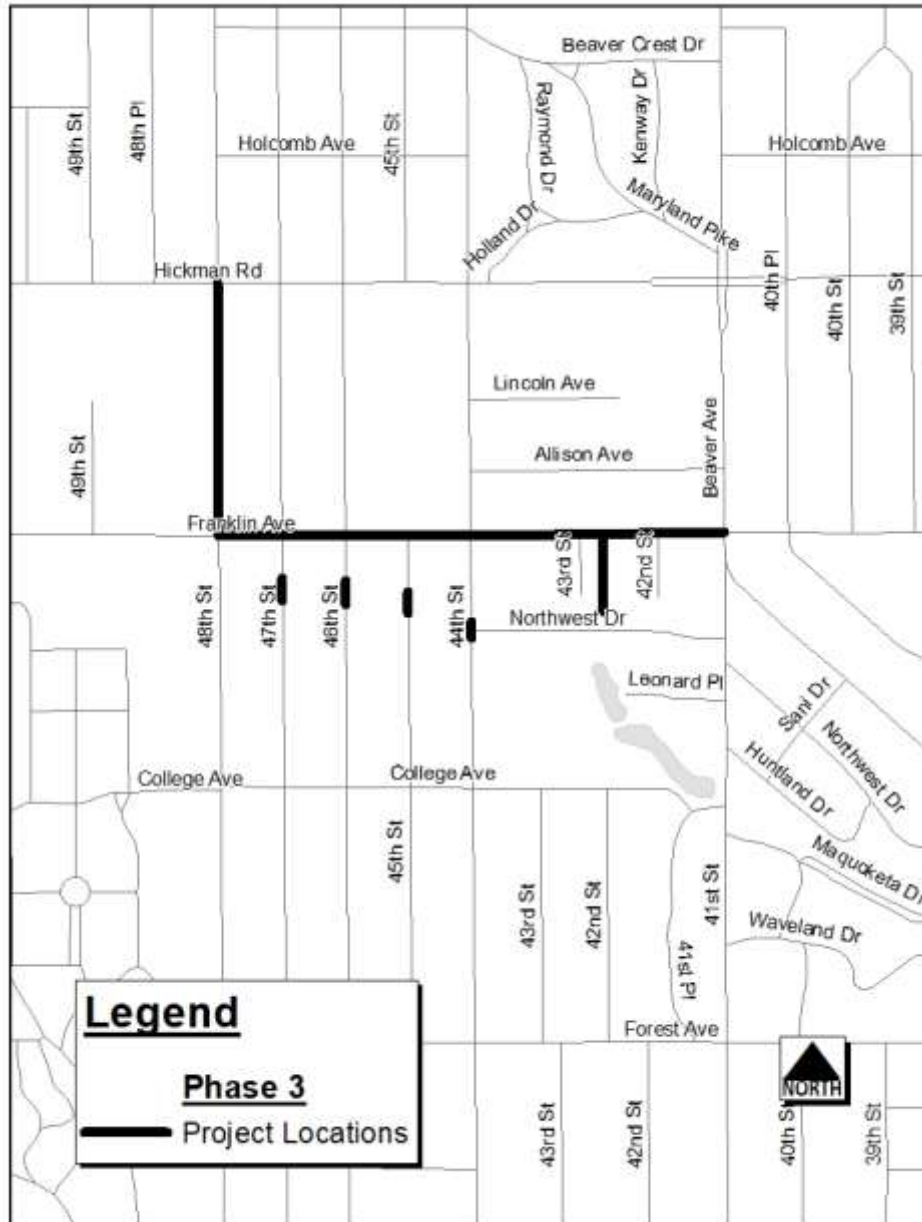
### ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Closes Creek Storm Sewer Improvements Phase 3, Activity ID 08-2021-005. The improvement includes constructing new 6-feet by 4-feet Reinforced Concrete Box storm sewer, 15-inch to 72-inch Reinforced Concrete Pipe storm sewer, precast manholes, cast-in-place manholes and intakes, 8-inch to 12-inch Ductile Iron sanitary sewer, Polypropylene Pipe storm sewer, Poly Vinyl Chloride water main, Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt paving, PCC curb and gutter, subdrain and footing drains, traffic signalization, earthwork and grading, erosion control, fencing, restoration, and other associated and incidental items; all in accordance with contract documents, including Plan File No. 637-001/151, generally located on Hazelwood Drive from Northwest Drive to Franklin Avenue, Franklin Avenue from Beaver Avenue to 48th Street, and 48th Street from Franklin Avenue to Hickman Road.

- The estimated construction cost is \$9,000,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- With the stormwater rates approved in August of 2018, the City made a goal to construct the following phases in the Closes Creek Watershed Improvements Plan by the end of 2023:
  - Phase 1A - Maquoketa Drive Storm Sewer Box Replacement (completed in 2020).
  - Phase 1B - 47th and Holcomb Storm Sewer Improvements (completed in 2020).
  - Phase 2A - Construction of two (2) 84-inch storm sewer culverts across Beaver Avenue and adding additional intake capacity along Beaver Avenue just east of Witmer Parkway. Construction of a 72-inch storm sewer culverts across 34th Street from Witmer Parkway to the north and east to the storm sewer outlet location just north of the intersection of 33rd Street and Mondamin Avenue (under construction).
  - Phase 2B - Detention basin between College Avenue and Leonard Place and box culvert improvements from Leonard Place to Northwest Drive (under construction).
  - Phase 2C - Detention basins north of Drake University, south of Hickman Road, east of 27th Street.
  - Phase 3 - Storm sewer system replacement from Northwest Drive to Franklin Avenue and along Franklin Avenue, west to 48th Street. New storm sewer system on 48th Street from Franklin Avenue to Hickman Road. Partial reconstruction of Franklin Avenue from Beaver Avenue to 48th Street. Reconstruction of low point intakes on 44th Street, 45th Street, 46th Street and 47th Street, south of Franklin Avenue.
  - Phase 4 - Storm sewer system improvements in the area north of Franklin Avenue, east of 44th Street, south of Hickman Road, and west of Beaver Avenue.



- On November 4, 2019, by Roll Call Number 19-1698, City Council approved the Professional Services Agreement (PSA) with Snyder & Associates, Inc. for design phase services for Closes Creek Storm Sewer Improvements Phase 2A, 2B, 3, and 11.
- A public informational meeting was held September 14, 2021, by Zoom online meeting platform, to present and discuss the Phase 3 Improvements.
- This project includes construction of Phase 3 of the Closes Creek Watershed Improvements with construction anticipated to begin in spring 2022 and be completed by fall 2023.



**PREVIOUS COUNCIL ACTION(S):**

Date: November 4, 2019

Roll Call Number: [19-1698](#)

Action: [Approving](#) exception to request for proposal process for good cause and approving Professional Services Agreement with Snyder & Associates, Inc. for design phase services for the Closes Creek Storm Sewer Improvements Phase 2A, 2B, 3 and 11, not to exceed \$916,161. ([Council Communication No. 19-460](#)) 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](mailto:cityclerk@dmgov.org).