


## COUNCIL COMMUNICATION

	Number:	<b>21-183</b>	Meeting:	<b>April 19, 2021</b>
	Agenda Item:	<b>6B</b>	Roll Call:	<b>21-0600</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: Western Ingersoll Run Sewer Separation Phase 2 - Receiving bids, (5-11-21), and Setting date of hearing, (6-14-21). Construction Estimate - \$6,750,000.

### 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 the separation of storm water flows from the existing combined storm and sanitary sewer system as part of the Long-Term Control Plan to meet the requirements of the Iowa Department of Natural Resources (IDNR) and the 2010 IDNR issued Consent Order, Judgment, and Decree. The project will separate sewer flows generally between 42nd Street on the west, I-235 to the south, 33rd Street to the east, and University Avenue to the north. This is the second phase of three (3) phases for the Western Ingersoll Run Sewer Separation project.

### FISCAL IMPACT:

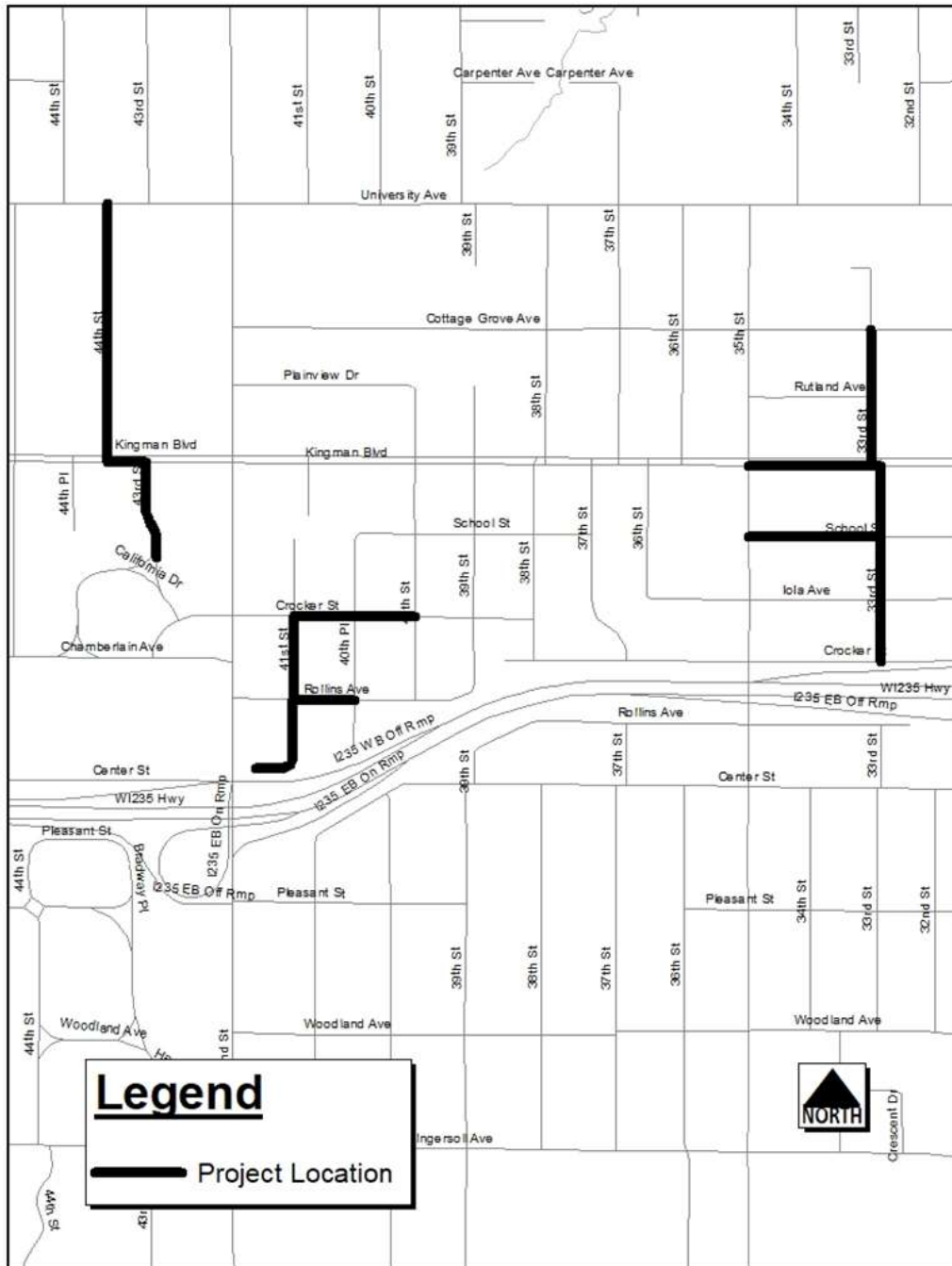
Amount: \$6,750,000 (City Engineer's Estimate)

Funding Source: 2021-2022 CIP, Page 94, Western Ingersoll Run Sewer Separation, SS139, Being: \$6,536,504 in SRF funding issued and the remaining \$213,496 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 Western Ingersoll Run Sewer Separation Phase 2, 07-2019-007. The improvements include storm sewer pipe 15-inch to 36-inch, storm sewer manholes, storm sewer intakes, sanitary sewer spot repairs, sanitary service adjustments, water main alterations, water services, Hot-Mix-Asphalt (HMA) pavement, Portland Cement Concrete (PCC) curb and gutter, PCC sidewalks, PCC driveways, earthwork, cement stabilization, erosion control, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 623-001/162, located on the following:
  - 43rd Street from California Drive to Kingman Boulevard
  - 44th Street from Kingman Boulevard to University Avenue
  - 41st Street from 42nd Street to Crocker Street

- Kingman Boulevard from 44th Street to 43rd Street and 35th Street to 33rd Street
  - Crocker Street from 41st Street to 40th Street
  - Rollins Avenue from 41st Street to 40th Place
  - 33rd Street from Crocker Street to Cottage Grove Avenue
  - School Street from 35th Street to 33rd Street
- The estimated construction cost is \$6,750,000 for Phase 2. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
  - The Western Ingersoll basin is located in the western part of the City of Des Moines generally bounded on the east by 31st Street, on the south by Grand Avenue, on the west by a line located between 44th Street and 45th Street, and on the north by an irregular line located between University Avenue and Forest Avenue.
  - The sewers in the Western Ingersoll basin are tributary to the Ingersoll Run Combined Sewer. The Ingersoll Run Combined Sewer is tributary to the Wastewater Reclamation Authority's (WRA) Combined Sewer Overflow (CSO) at 22nd and High Street. The City, WRA and the Iowa Department of Natural Resources (IDNR) have entered into a consent decree that requires the WRA to eliminate the CSO at 22nd and High Street no later than December 31, 2023.
  - The total area of the Western Ingersoll basin is approximately 820-acres; however, the Western Ingersoll basin consists of two (2) separate sub-basins. One (1) sub-basin is north of I-235 and one (1) sub-basin is south of I-235. Several storm sewer systems exist in the northern part of the Western Ingersoll basin (located north of I-235); therefore, the northern part of the Western Ingersoll basin is only partially combined. North of I-235, there are approximately 20 existing storm intakes connected to the combined sewer system.
  - The total estimated cost for all three (3) phases of the recommended improvements for the Western Ingersoll Sewer Separation (north and south of I-235) is approximately \$20 million and will be constructed via three (3) construction contracts starting in 2021 and lasting through 2023.
  - A public meeting was held on March 24, 2021, to present the Western Ingersoll Run Sewer Separation Phase 2 design to the public.
  - Construction of Western Ingersoll Run Sewer Separation Phase 2 project is anticipated to start summer 2021 and be completed in the spring 2023.



**PREVIOUS COUNCIL ACTION(S):**

Date: January 13, 2020

Roll Call Number: [20-0020](#)

Action: [Approving](#) Professional Services Agreement with Veenstra & Kimm, Inc. for design services for the Western Ingersoll Sewer Separation Phase 2, not to exceed \$350,332. ([Council Communication No. 20-027](#)) 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).