


## COUNCIL COMMUNICATION

	Number:	<b>19-553</b>	Meeting:	<b>December 16, 2019</b>
	Agenda Item:	<b>8</b>	Roll Call:	<b>19-1981</b>
	Submitted by:	<b>Jonathan A. Gano, P.E., Public Works Director and Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Approving a Professional Services Agreement (PSA) with Foth Infrastructure and Environment, LLC for professional services for Western Ingersoll Sewer Separation, not to exceed \$770,070.

### SYNOPSIS:

Recommend approval of the PSA with Foth Infrastructure and Environment, LLC, (Patrick P. Kueter, Principal-in-Charge, 8191 Birchwood Court, Suite L, Johnston, Iowa, 50131) for a total cost not to exceed \$770,070, based on hourly rates, to provide design phase services for the Phase 1 improvements of the Western Ingersoll Run basin, as illustrated in Exhibit 1, and pipeline televising services for Phases 1, 2, and 3 of the Western Ingersoll basin.

### FISCAL IMPACT:

Amount: \$770,070

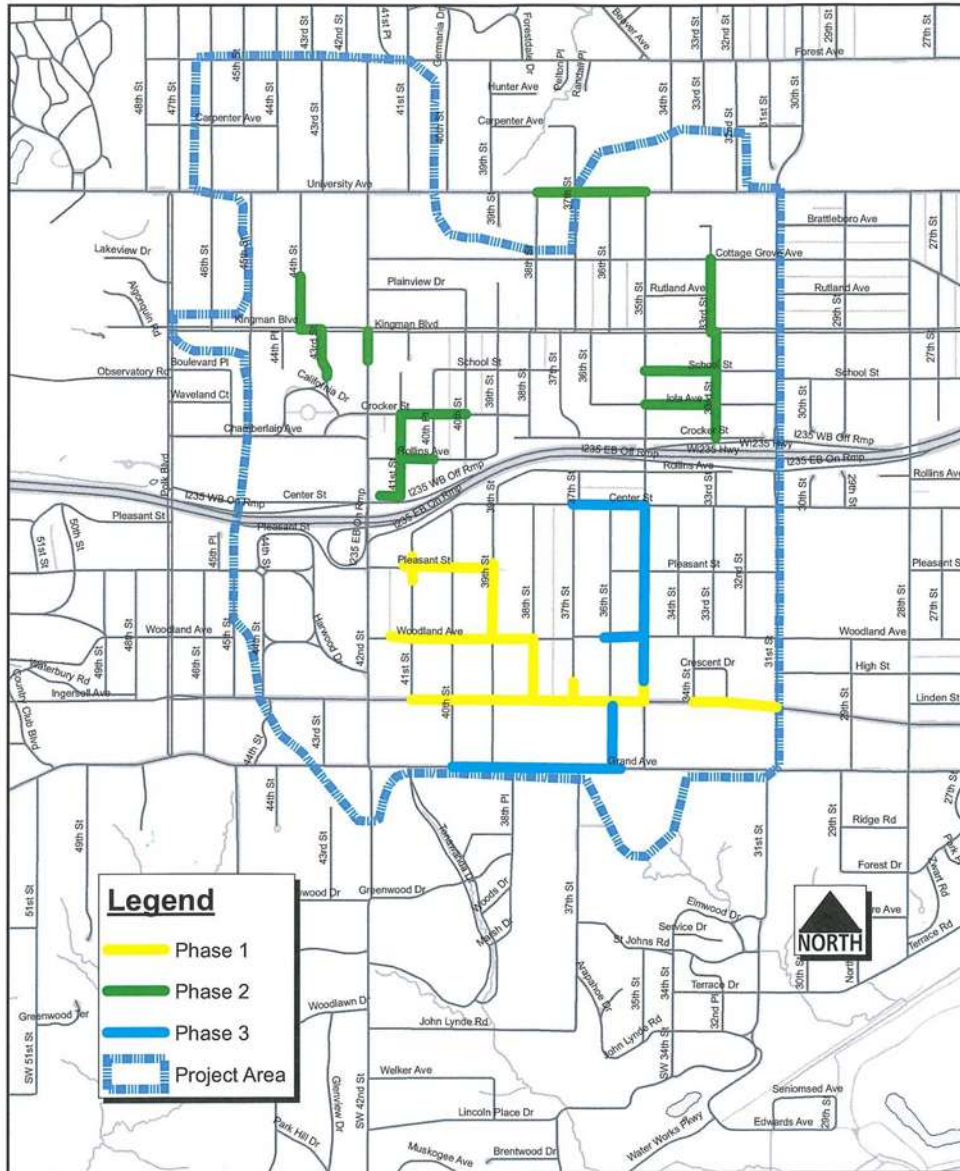
Funding Source: 2019-2020 CIP, Page Sanitary Sewer-11, Western Ingersoll Run Sewer Separation, SS139, Sanitary Sewer Fund and SRF Funding – Sanitary

### ADDITIONAL INFORMATION:

- The Western Ingersoll basin is located in the western part of the City of Des Moines generally bounded on the east by 31<sup>st</sup> Street, bounded on the south by Grand Avenue, bounded on the west by a line located between 44<sup>th</sup> Street and 45<sup>th</sup> Street and bounded 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 22<sup>nd</sup> 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 22<sup>nd</sup> 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 basins, one (1) basin north of I-235 and one (1) basin south of I-235.

- The southern part of the Western Ingersoll Run basin located south of I-235 is completely combined with no separate storm sewers. South of I-235, there are over 30 existing storm intakes connected to the combined sewer system.
- 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.
- In September of 2018, City staff and the City's Consultant for preliminary evaluation, Veenstra & Kimm, Inc., prepared a Conceptual Design Report which provides recommended improvements which include removal of the storm intakes off the combined sewers and construction of new separate storm sewer systems along with green infrastructure, including pervious pavement and underground aggregate storage to reduce stormwater volume and runoff rates.
- The total estimated cost for the recommended improvements for the Western Ingersoll Sewer Separation (north and south of I-235) is approximately \$20 million and will be constructed over multiple project phases starting in late 2020 through 2023.
- A Request for Proposals (RFP) for professional services for the Western Ingersoll Run Sewer Separation was issued in 2017 and posted on the City's website and five (5) proposals were received in response to the RFP. Veenstra & Kimm was initially selected and has completed the conceptual design phase of the Western Ingersoll Run Sewer Separation project. Foth Infrastructure and Environment, LLC has been selected for design phase services for Phase 1 of the Western Ingersoll basin based on their extensive experience in related work.
- In an effort to expedite design for the entire basin, final design and construction of the project is being split into three phases. Phase 2 of the Western Ingersoll Sewer Separation improvements is anticipated to be designed by Veenstra & Kimm, the consultant that completed the project conceptual design phase. Phase 3 improvements are anticipated to be designed internally by City staff.
- City staff have negotiated a PSA with Foth Infrastructure and Environment, LLC for a total cost not to exceed \$770,070, based on hourly rates and reimbursable costs, to provide:
  - Design phase services for Phase 1 of the Western Ingersoll basin
  - Televising services for Phases 1, 2, and 3 of the Western Ingersoll basin

## Western Ingersoll Sewer Separation Exhibit 1



**PREVIOUS COUNCIL ACTION(S):**

Date: December 18, 2017

Roll Call Number: [17-2121](#)

Action: [Approving](#) Professional Services Agreement with Veenstra & Kimm, Inc. for conceptual design services for the Western Ingersoll Run Sewer Separation Project, not to exceed \$199,928. ([Council Communication No. 17-861](#)) Moved by Hensley to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

City staff does not anticipate any future Council actions on this PSA; however, unanticipated changes to this PSA will require a Supplemental Agreement, which may require Council action.

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).