


# COUNCIL COMMUNICATION

	Number:	<b>24-077</b>	Meeting:	<b>February 19, 2024</b>
	Agenda Item:	<b>10</b>	Roll Call:	<b>24-0233</b>
	Submitted by:	<b>Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer</b>		

## AGENDA HEADING:

Approval of an agreement between the City of Des Moines and the Des Moines Metropolitan Wastewater Reclamation Authority (WRA) for the Ingersoll Run Outlet, Phase 28, Segment 2 Project.

## SYNOPSIS:

Approval of the Agreement between the City of Des Moines, Iowa, and WRA for the Ingersoll Run Outlet, Phase 28, Segment 2 Project.

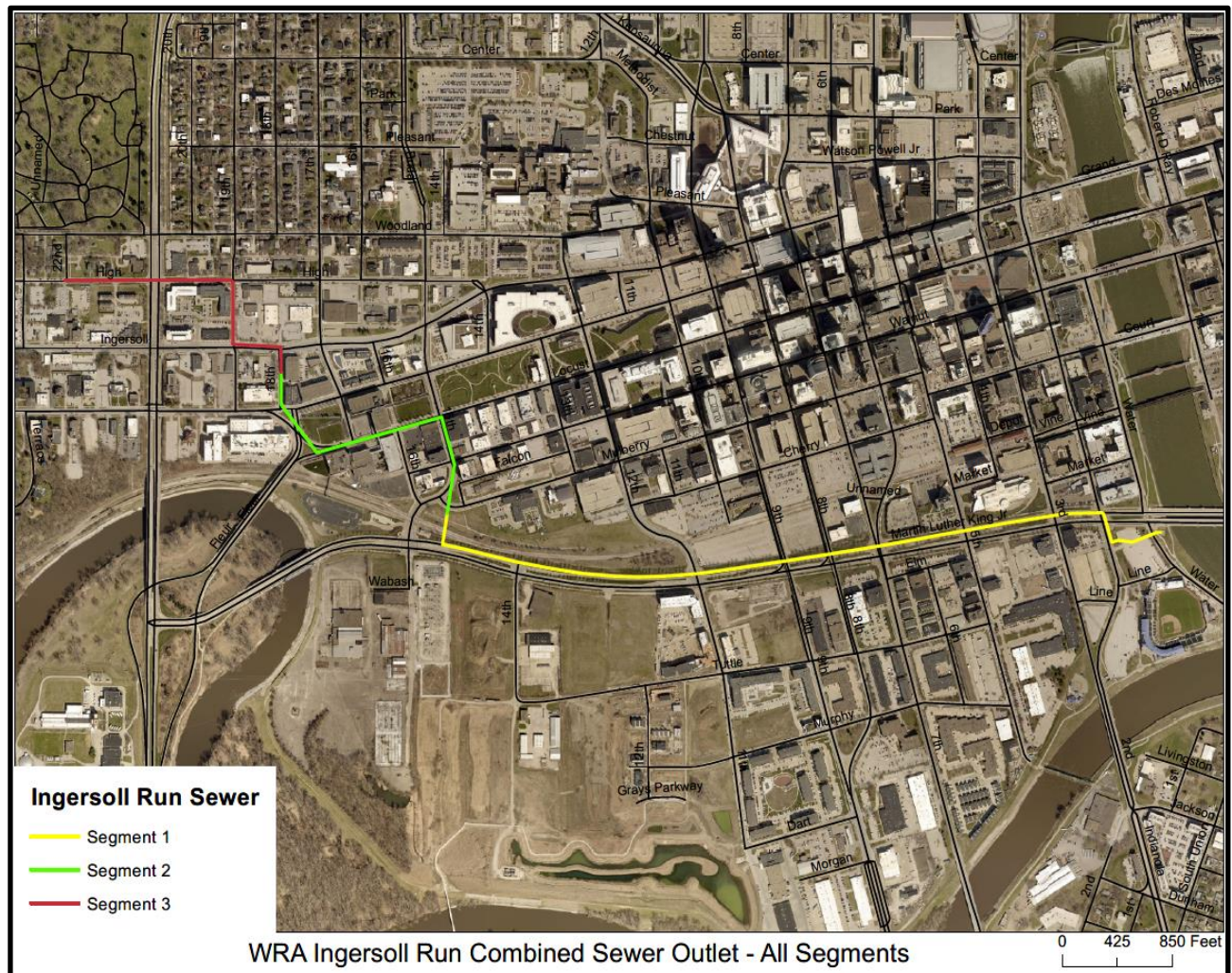
## FISCAL IMPACT:

Amount: \$5,022,000

Funding Source: Fiscal Year (FY) 2023-2024 Capital Improvement Program (CIP), Page 134, Western Downtown Complete Streets, ST283

## ADDITIONAL INFORMATION:

- 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 City of Des Moines and WRA are to eliminate the Ingersoll Run Combined Sewer Overflow located at the northeast corner of 22nd Street and High Street.
- As part of the WRA Facility Plan Update – 2012, the plan to eliminate the Ingersoll Run Combined Sewer Overflow includes the City completing sewer separation, including the Western Ingersoll Sewer Separation project construction finishing this year, to separate the stormwater and sanitary sewer flows into independent systems that would reduce the flow to a level that could be conveyed through the existing 42-inch combined sewer along the Walnut Street corridor downtown and a new sewer to be constructed by the WRA, the WRA Ingersoll Run Outlet, from the Ingersoll Run Combined Sewer Overflow to the WRA New Main Outfall.
- The WRA Ingersoll Run Outlet will be constructed in three (3) separate phases (segments) from the WRA New Main Outfall West Siphon Structure on the south side of Martin Luther King Jr. Parkway along the Des Moines River to the WRA Ingersoll Run Combined Sewer Overflow at 22nd Street and High Street.



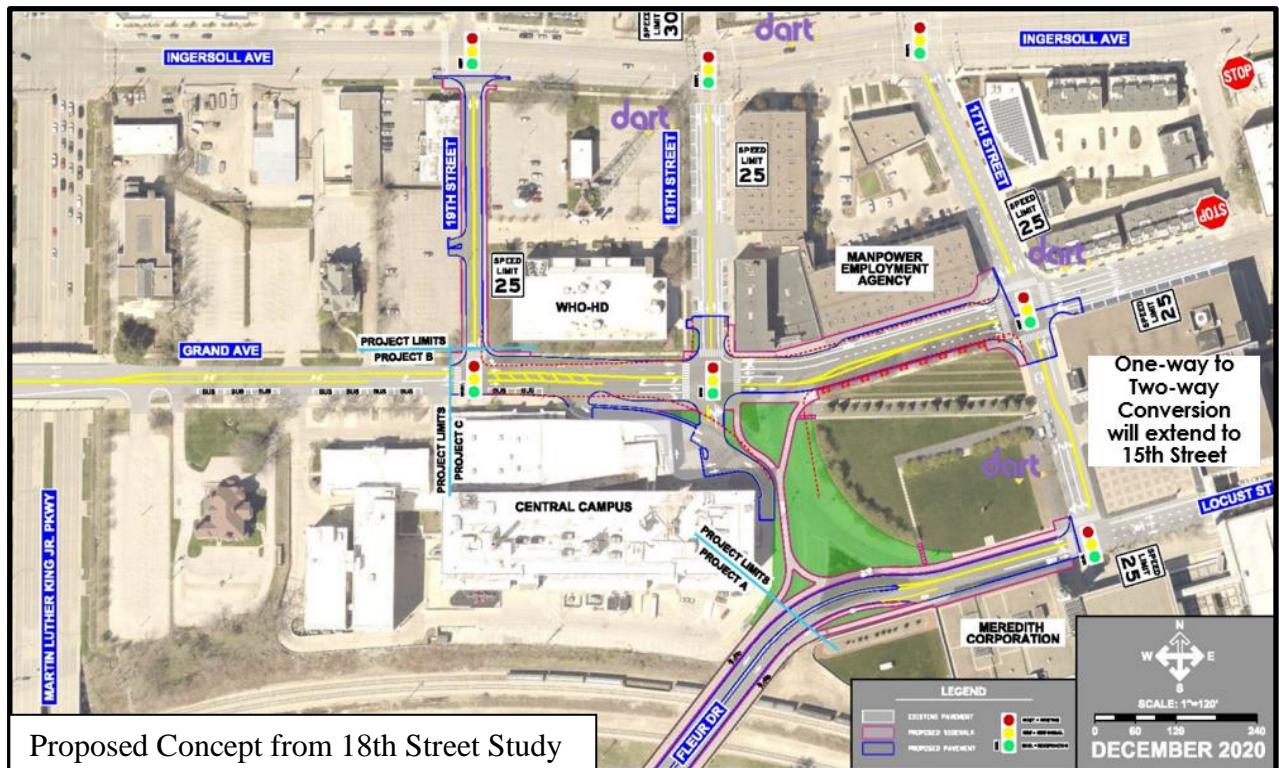
- The WRA Ingersoll Run Outlet, Phase 28, Segment 2 Project includes installing a large diameter sewer that will commence along near SW 16th Street north of West Martin Luther King Jr. Parkway, then run northerly to 15th Street and Walnut Street, and then continue north to Locust Street. The sewer will then run west along Locust Street to near Fleur Drive and 18th Street, whereas the sewer will run northerly along 18th Street to the existing sewer north of Grand Avenue.
- In January 2021, the City completed the 18th Street from Ingersoll Avenue to Locust Street Traffic Study (18th Street Study) in anticipation of the Wastewater Reclamation Authority (WRA) Ingersoll Run Outlet Project. Recommendations regarding improvements to the roadway network were completed as part of the 18th Street Study and presented to the public at a virtual public meeting via Zoom on December 15, 2020.
- Recommended improvements identified in the Traffic Study which overlapped with the impacted area of the WRA Ingersoll Run Outlet, Phase 28, Segment 2 Project were identified in coordination with the WRA. The recommended improvements from the City which overlapped with the WRA Ingersoll Run Outlet, Phase 28, Segment 2 Project are generally bound by 19th Street to the west, Ingersoll Avenue to the north, 15th Street on the east, and Martin Luther King Jr. Parkway to the south. Specifically, roadway construction design for the following streets will be included in the project:



- 18th Street from Ingersoll Avenue to Fleur Drive/Locust Street
- Grand Avenue from 19th Street to 15th Street
- Locust Street from 18th Street/Fleur Drive to 15th Street
- 17th Street from Ingersoll Avenue to Locust Street
- 15th Street from Grand Avenue to Martin Luther King Jr. Parkway



Aerial Photo of Existing Conditions



Proposed Concept from 18th Street Study

- Staff coordinated consulted prepared designs and construction documents to be included in the and the WRA Ingersoll Run Outlet, Phase 28, Segment 2 Project with the WRA. The combination of the two (2) projects into one (1) is intended to prevent multiple impactful construction projects in the same location with the City providing funding for the costs associated with the additional improvements beyond what is required for the sewer installation.
- Bids received by the WRA on December 19, 2023, for the WRA Ingersoll Run Outlet, Phase 28, Segment 2 Project and the contract was approved at the January 16, 2024, WRA Board meeting.
- The City agrees to reimburse the WRA for its portion of construction and construction administration costs, estimated in total to be \$5,022,000, associated with the Ingersoll Run Outlet, Phase 28, Segment 2 Project that are needed to reconfigure intersections at 18th Street and Grand Avenue, 18th Street and Locust Street, 17th Street and Grand Avenue, 15th Street and Grand Avenue, 17th Street and Locust Street, and 15th Street and Locust Street. The City and WRA are entering into this Agreement for the purpose of establishing the terms and conditions by which the WRA will design and construct the improvements.
- City staff recommend approval of the Agreement between the City and WRA for the Ingersoll Run Outlet, Phase 28, Segment 2 Project.
- Construction of the Ingersoll Run Outlet, Phase 28, Segment 2 project is anticipated to start in 2024 and be completed by the end of 2025.

**PREVIOUS COUNCIL ACTION(S):**

Date: October 3, 2022

Roll Call Number: [22-1495](#)

Action: [Rescission](#) of Roll Call No. 22-0676 and approval of an agreement with the WRA for the Ingersoll Run Outlet, Phase 28, Segment 1 Project. ([Council Communication No. 22-463](#)) Moved by Gatto to adopt. Second by Boesen. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S):**

Board: Des Moines Metropolitan Wastewater Reclamation Authority Board

Date: January 16, 2024

Resolution Number: Item 19

Action: Public Hearing, Approving Plans, Specifications, Form of Contract Documents, and Engineer's Estimate on WRA Ingersoll Run Outlet Sewer, Phase 28, Segment 2; Receive and File Bids; and Designation of Lowest Responsive, Responsible Bidder as S.M. Hentges & Sons, Inc., Steven M. Hentges, President, \$13,210,000. Resolution Approving Contract and Bond on WRA Ingersoll Run Outlet Sewer, Phase 28, Segment 2, \$13,210,000.

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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