


COUNCIL COMMUNICATION

	Number:	22-175	Meeting:	April 18, 2022
	Agenda Item:	7C	Roll Call:	[_____]
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: City-Wide Pump Station Telog Communication System Conversions - Receiving bids, (5-10-22), and Setting date of hearing, (6-13-22). Construction Estimate - \$1,450,000.

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 includes upgrading the telemetry communication system of 32 pump stations currently utilizing a radio-based telemetry system to a Telog telemetry system that utilizes digital cellular communication compatible with the existing Des Moines Metropolitan Wastewater Reclamation Authority (WRA) Telog system.

FISCAL IMPACT:

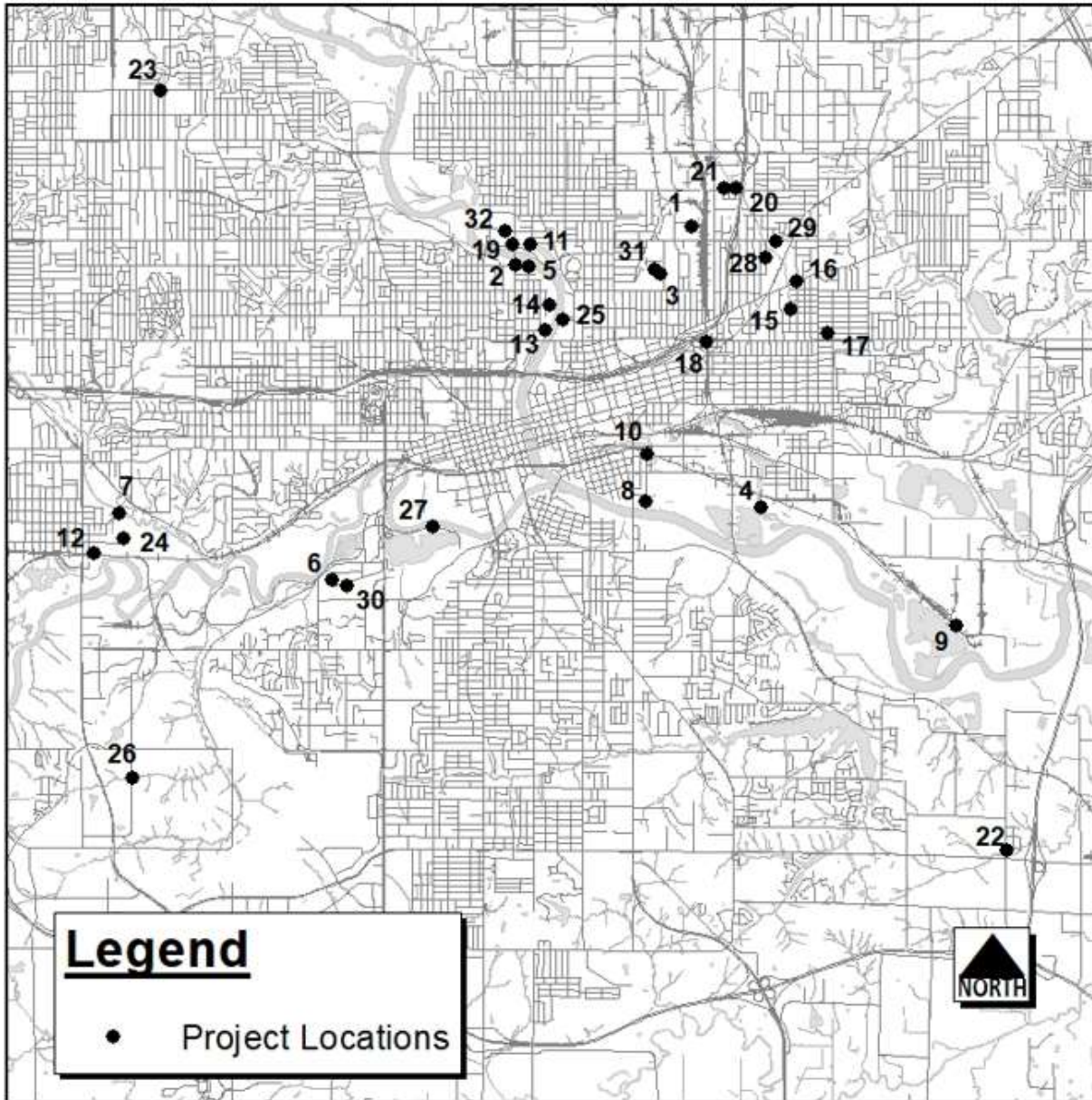
Amount: \$1,450,000 City Engineer's Estimate

Funding Source: 2022-23 CIP, Page 103, Storm Water Pump Station Rehabilitation, SM073, Storm Water Utility Funds.

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer’s estimate for the construction of the City-Wide Pump Station Telog Communication System Conversions, Activity ID 08-2022-001. The improvement includes upgrading the telemetry communication system and associated control equipment of 32 pump stations with the contractor to provide all labor and all additional material and equipment necessary to complete the installations and make each location operational, including but not limited to Telog equipment enclosure, modifications to existing pump station control panels, wiring, conduit, mounting of new equipment, demolition, clean up, and all other associated work and incidental items; all in accordance with the contract documents including Plan File No. 642-154/175, located at 32 pump stations in Des Moines.
- The estimated construction cost is \$1,450,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- Construction of this project is anticipated to begin in the summer 2022 and be completed in the spring 2023.



1. 1901 E Sheridan Ave - Guthrie Basin Pump Station
2. 1813 2nd Ave - 2nd and Franklin Pump Station
3. 1730 E 1th St - Mattern Pump Station
4. 1700 SE 25th Ct - Dean's Lake Pump Station
5. 11 Franklin Ave - Franklin Pump Station
6. 2142 SW 28th St - SW 28th and Bell Pump Station
7. 151 North Valley Dr - North Valley Pump Station
8. 1501 SE Harriet St - SE 15th and Harriet Pump Station
9. 4190 Carlisle Rd - Agrimergetn Pump Station
10. 1500 Scott Ave - E 15th and Scott Pump Station
11. 141 Guthrie Ave - Oxford Pump Station
12. 3120 Railroad Ave - SW 60th and Railroad Pump Station
13. 11 Indiana St - Indiana Pump Station
14. 11 Clark St - Clark Pump Station
15. 2620 Chicago Ave - Eastion Basin Pump Station
16. 2640 Easton Blvd - Eastion Diversion Structure Pump Station

17. 2941 State Ave - Easton Monitoring Structure
18. 1923 E University Ave - University Pump Station
19. 201 Birdland Dr - 2nd and Birdland Pump Station
20. 2224 E Hull Ave - Hull Basin Pump Station
21. 2110 E Hull Ave - 7th Ward Pump Station
22. 1505 SE 62nd Ave - SE Ridge Pump Station
23. 5010 NW Aurora Ave - Aurora Pump Station
24. 5700 Winina Ave - Frisbee Park Pump Station
25. 700 Neola Ave - Neola Pump Station
26. 5301 SW 56th St - SW 56th Pump Station
27. 1700 Fleur Dr - Gray's Lake Pump Station
28. 2101 E 25th St - Thompson Pump Station
29. 2533 Guthrie Ave - Guthrie Pump Station
30. 2510 Sunset Rd - Valley Garden Pump Station
31. 1600 Mattern Ave - Mattern Pump Station
32. 300 Holcomb Ave - Birdland Pool Pump Station

PREVIOUS COUNCIL ACTION(S): NONE

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.