

ITEM #: 13
DATE: 07-18-23
DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2022/23 & 2023/24 SANITARY SEWER REHABILITATION DESIGN – PROFESSIONAL SERVICE AGREEMENT – (AMENDMENT NO. 1 – CONSTRUCTION ADMINISTRATION & OBSERVATION)

BACKGROUND:

This is the annual program for rehabilitation/reconstruction of deficient sanitary sewers and deteriorated manholes at various locations throughout the city. The goal of this program is to identify and remove major sources of inflow/infiltration (I/I) to regain pipe capacity and reduce the wet weather flow at the treatment plant.

On August 9, 2022, City Council award the design contract to WHKS of Ames, Iowa in the amount of \$395,000. The original contract with WHKS is for design services for the following projects, not including construction administration and observation:

Project 1: CIPP Lining and MH Rehabilitation – Basin 11

Project 2: CIPP Lining – Basin 12/US 69 Repairs

Project 3: East Lincoln Way & South Duff Trunkline Rehabilitation

Originally, Project # 2 mentioned above, was planned for 2025 construction season. The sanitary sewer rehabilitation – (US Hwy 69) project has been accelerated due to an Iowa DOT resurfacing project due to start in April 2024. The City is working with the Iowa DOT to complete sanitary sewer and water main work along US 69 (South Duff and Grand Ave) to avoid removing new pavement once the Iowa DOT paving project is complete.

Amendment No. 1 is being requested for adding construction observation for the US 69 – Basin 12 to the professional services contract in the amount of \$79,500. On July 11, 2023, City Council awarded the construction contract for this project to Jet Drain Services LLC. of Ames, Iowa in the amount of \$1,353,819.

The following tasks are included for the additional professional services:

- **Construction Administration**

1. Provide construction administration assistance during construction. Contract administration assistance activities conducted during project construction include clarification of design details, periodic visits to the construction site to observe the progress of work, review of shop drawings, review periodic payment estimates for completed construction work and

recommend payments for processing, prepare change orders when required, and prepare the final summary of construction costs. Fee based on 28 hours of administration time.

2. Provide construction updates to the Client.
3. Prepare record drawings from Contractor provided “mark-ups” at the completion of construction.

- **Construction Observation**

1. Provide resident project observation services during construction of the Project. Resident observation is a full-time function during construction. Duties are to provide on-site evaluations of the Project progress in accordance with the plans and specifications and report said progress to the Engineer. Additionally, the observer maintains a log book recording conditions at the job site, weather, record of visitors, summary of daily activities, actions taken, observations in general and assists in recording data for eventual preparation of Record Drawings. The observer duties do not include construction means, methods, procedures, and job-site safety. Fee based on 780 hours of observation and travel time.
2. The testing of materials was included in the bid package to be paid by the Contractor (Jet Drain).

Revenues and expenses associated with this program are estimated, as follows:

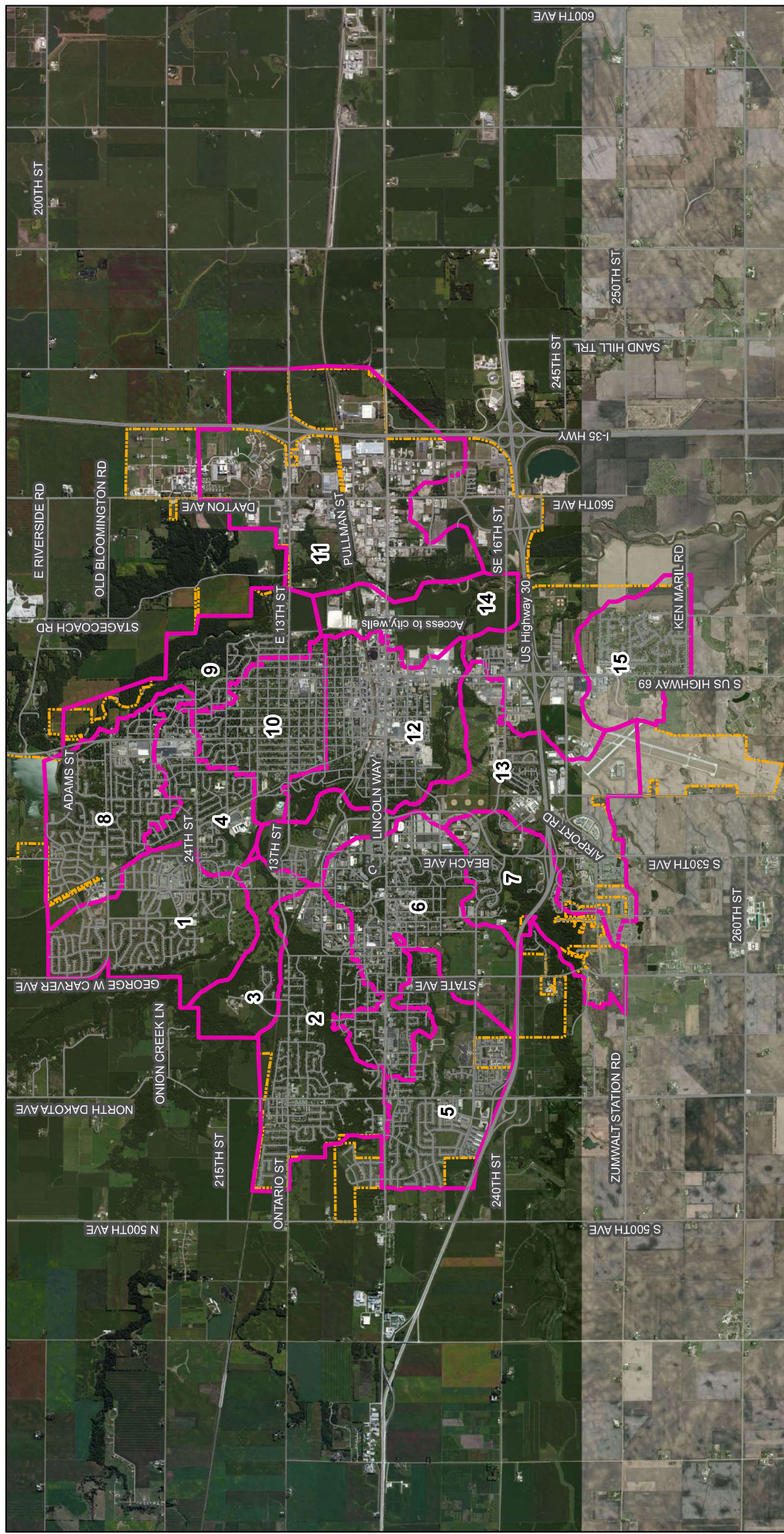
	Revenue	Expenses
22/23 Sanitary Sewer Rehab – (SRF)	\$ 4,050,000	
23/24 Sanitary Sewer Rehab – (SRF)	\$ 4,198,000	
San Sewer Rehab (Construction: US 69 – Jet Drain)		\$ 1,353,819
San Sewer Rehab (Construction: future phases)		\$ 6,000,000
Overall Engineering/Admin (Est. w/Amend #1)		\$ 800,000
	\$ 8,248,000	\$ 8,153,819

ALTERNATIVES:

1. Approve the amendment to the professional services agreement for the 2022/23 & 23/24 Sanitary Sewer Rehabilitation Design – (Amendment No. 1 for Construction Administration and Observation) with WHKS & Co. of Ames, Iowa, in the amount of not to exceed \$79,500.
2. Direct staff to renegotiate an engineering agreement amendment.

CITY MANAGER'S RECOMMENDED ACTION:

By approving the amendment No. 1, WHKS will provide the best value to the City for the construction administration and observation. WHSK designed this project for the city and has experience with SRF funded projects. **Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.**



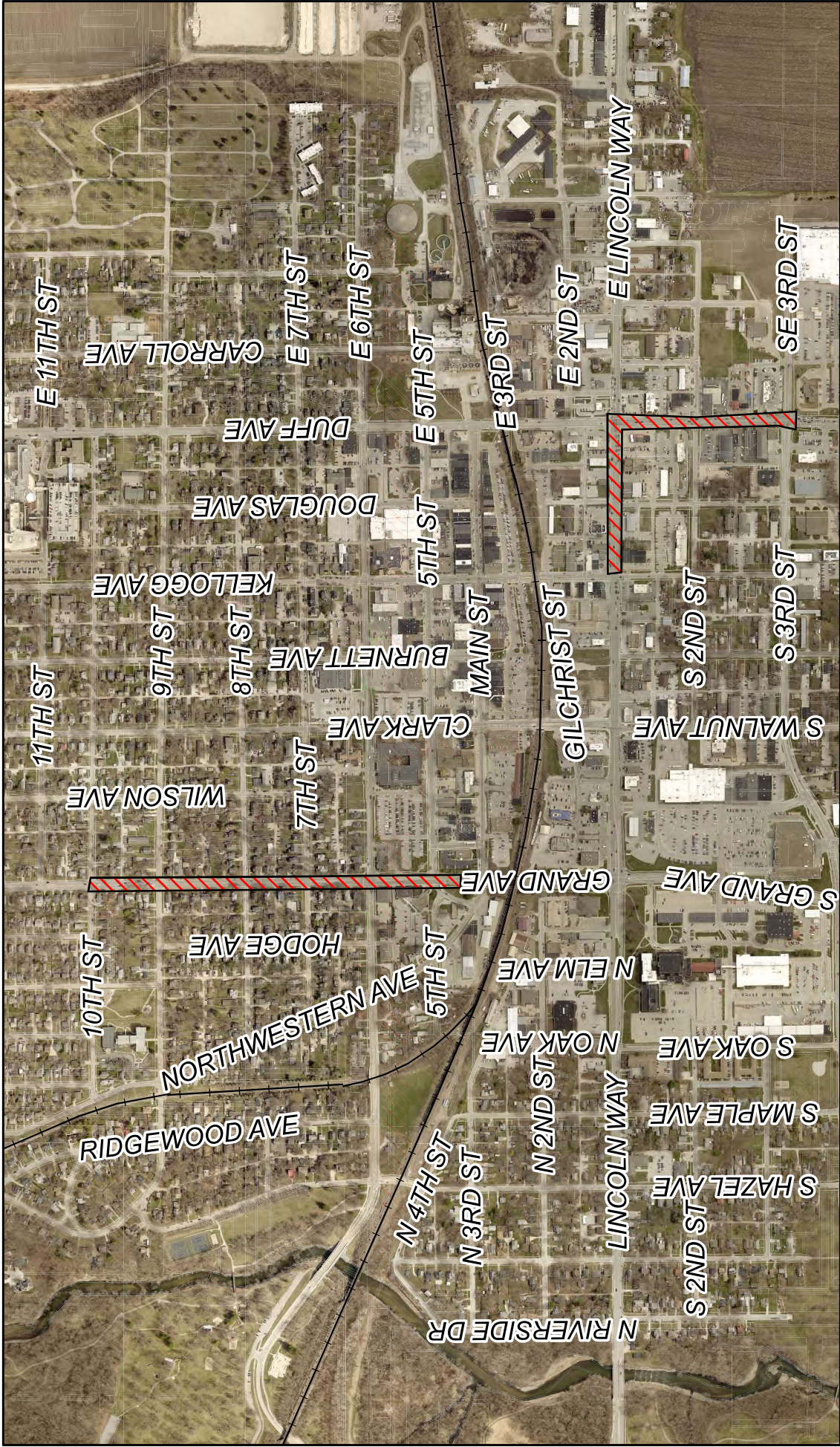
Project Locations: Basin 12

1 inch = 4,200 feet
 Feet
 0 2,100 4,200 8,400





Sanitary Sewer Rehabilitation - (U.S. 69)



U.S. Hwy 69

Work Area





**AMENDMENT NO. 1
TO PROFESSIONAL SERVICES AGREEMENT**

WHEREAS, **City of Ames** (Client) and WHKS & Co. (WHKS) executed a Professional Services Agreement dated **August 9, 2022** for certain engineering services for **2023/24 Sanitary Sewer Rehabilitation** (Project), and

WHEREAS, the Agreement described a scope of services and was based on completion of certain services, and

WHEREAS, the Client has requested **Construction Phase Services** for the **U.S. 69 Spot Repairs Project** as described in more detail in attached Exhibit A, and

NOW THEREFORE, the Client and WHKS hereby agree the amended compensation for services shall be increased by the following:

Basis of Compensation

For the services described above, the Client shall remunerate WHKS as follows:

Billed Hourly with a Not-to-Exceed Fee of \$79,500.00 including Expenses. External expenses include an administrative charge of 10 percent.

Executed this _____ day of July 2023

City of Ames, Iowa

By: _____
Printed Name: _____
Title: _____

WHKS & CO.


By: 
Printed Name: Derek J. Thomas, PE
Title: Vice President



Exhibit A to Amendment No. 1

A. Project Description

The Project is to provide on-site observation and administrative assistance during the construction of the bid project, "U.S. 69 Spot Repairs", which is part of the City's SRF-funded Sanitary Sewer System Improvements program. The objective of this project is to complete sanitary sewer spot repairs under U.S. 69 along Grand Avenue and South Duff Avenue prior to the anticipated 2024 Iowa Department of Transportation pavement project in this corridor.

The US 69 Spot Repairs project was let on June 7, 2023 and the apparent low bidder was Jet Drain Inc. The anticipated award and start of construction will be in July of 2023. The bid project contract documents specify time constraints for the construction. It is anticipated that the project will take 14 weeks to construct.

B. Scope of Services Provided Under This Agreement:

Note: Items 1-6 were previously defined in the AGREEMENT.

7. US 69 Spot Repairs Construction Phase Services

The following tasks are included:

- **Construction Administration**

- Provide construction administration assistance during construction. Contract administration assistance activities conducted during project construction include clarification of design details, periodic visits to the construction site to observe the progress of work, review of shop drawings, review periodic payment estimates for completed construction work and recommend payments for processing, prepare change orders when required, and prepare the final summary of construction costs. Fee based on 28 hours of administration time.
- Provide construction updates to the Client.
- Prepare record drawings from Contractor provided "mark-ups" at the completion of construction.

- **Construction Observation**

- Provide resident project observation services during construction of the Project. Resident observation is a full-time function during construction. Duties are to provide on-site evaluations of the Project progress in accordance with the plans and specifications and report said progress to the Engineer. Additionally, the observer maintains a log book recording conditions at the job site, weather, record of visitors, summary of daily activities, actions taken, observations in general and assists in recording data for eventual preparation of Record Drawings. The observer duties do not include construction means, methods, procedures, and job-site safety. Fee based on 780 hours of observation and travel time.
- The testing of materials was included in the bid package to be paid by the Contractor (Jet Drain).