# CITY OF WEST DES MOINES
# CITY COUNCIL MEETING COMMUNICATION

**DATE: February 19, 2024**

## ITEM:

Resolution – Ordering Construction
2023 Sewer Manhole Rehabilitation Program

## FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost for the 2023 Sewer Manhole Rehabilitation Program is $233,768.00. Payments will be made from account no. 640.000.000.5250.490 with the ultimate funding intended to come from Sanitary Sewer Fee Revenue.

## BACKGROUND:

A Bid Letting should be scheduled for 2:00 p.m. on Wednesday, March 6, 2024 and a Public Hearing on the project should be scheduled for 5:35 p.m. on Monday, March 18, 2024. The contract would be awarded on Monday, March 18, 2024 and work will begin shortly thereafter.

This is an ongoing maintenance program to rehabilitate existing portions of the City's sanitary sewer system. Previous inspections of these sanitary sewer manholes revealed defects at several locations. The project consists of work at 34 manholes. The project is anticipated to be completed by September 27, 2024.

## OUTSTANDING ISSUES:

None.

## RECOMMENDATION:

City Council Adopt:

- Resolution Ordering Construction of the 2023 Sewer Manhole Rehabilitation Program.
- Fixing 2:00 p.m. on Wednesday, March 6, 2024 as the time and date for project Bid Letting.
- Ordering the City Clerk to publish notice of Letting and Public Hearing.

**Lead Staff Member: Brian J. Hemesath, P.E., City Engineer**

**STAFF REVIEWS**

| | |
|---|---|
| Department Director | Brian J. Hemesath, P.E., City Engineer |
| Appropriations/Finance | Tim Stiles, Finance Director |
| Legal | Greta Truman, City Attorney |
| Agenda Acceptance | |

**PUBLICATION(S)** (if applicable)

| | |
|---|---|
| Published In | |
| Dates(s) Published | |

**SUBCOMMITTEE INFORMED**

| | |
|---|---|
| Committee | Public Services |
| Date Informed | February 12, 2024 |
| No Deliberation or Action Taken | |

**RESOLUTION ORDERING CONSTRUCTION AND NOTICE OF PUBLIC HEARING ON PLANS, SPECIFICATIONS, FORM OF CONTRACT, ESTIMATE OF COST, AND DIRECTING ADVERTISEMENT FOR BIDS**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA,** that the following described public improvement:

**2023 Sewer Manhole Rehabilitation Program**
**Project No. 0510-009-2023**

is hereby ordered to be constructed according to the Plans and Specifications prepared by AECOM Technical Services, Inc. of Des Moines, Iowa and now on file in the office of the City Clerk.

**BE IT FURTHER RESOLVED,** that the detailed Plans and Specifications, Form of Contract, Bid Security, and Notice to Bidders are hereby approved, subject to hearing thereon, and that the same are now on file in the office of the City Clerk for public inspection.

**BE IT FURTHER RESOLVED,** that the City Clerk is hereby directed to publish notice of hearing on the Plans and Specifications, Form of Contract, Bid Security and Estimate of Costs for said project to be held at 5:35 p.m. on Monday, March 18, 2024, with said notice published not less than four (4) days nor more than twenty (20) days prior to the date heretofore fixed.

**BE IT FURTHER RESOLVED,** that the City Clerk is hereby directed to publish Notice to Bidders for said project with publication not less than thirteen (13) days nor more than forty-five (45) days prior to the date for receiving bids. Said bids are to be filed prior to 2:00 p.m. on Wednesday, March 6, 2024.

**BE IT FURTHER RESOLVED,** that the bids received for construction of said improvements will be opened, publicly read and tabulated by the City Clerk, Deputy City Clerk, or City Clerk designee at 2:00 p.m. on Wednesday, March 6, 2024 and the results of said bids shall be considered at a meeting of this Council on Monday, March 18, 2024 at 5:35 p.m. and acted upon at said time, or such time as may then be fixed.

**PASSED AND APPROVED** on this **19th** day of **February, 2024.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

**Engineer's Estimate of Probable Construction Cost**
**2023 Manhole Rehabilitation Program**
**Project No. 0510-009-2023**
**City of West Des Moines**
**West Des Moines, Iowa**
**AECOM Project No: 60712496**
**February 8, 2024**

AECOM

| Item | Description | Unit | Estimated Quantity | Unit Price | Extended Price |
|---|---|---|---|---|---|
| 1.1 | REPLACE MANHOLE 26-483 CASTING | EA | 1.0 | $ 1,500.00 | $ 1,500.00 |
| 1.2 | URETHANE CHIMNEY SEAL | EA | 33.0 | $ 600.00 | $ 19,800.00 |
| 1.3 | CHEMICAL GROUT CRACKS/JOINTS IN MANHOLES | LF | 400.0 | $ 14.00 | $ 5,600.00 |
| 1.4 | 48-IN DIA MANHOLE LINING - 0.50" CEMENTITIOUS WITH 125 MILS EPOXY | VF | 30.1 | $ 400.00 | $ 12,040.00 |
| 1.5 | 48-IN DIA MANHOLE LINING - 0.75" CEMENTITIOUS WITH 125 MILS EPOXY | VF | 177.5 | $ 425.00 | $ 75,437.50 |
| 1.6 | 48-IN DIA MANHOLE LINING - 1.00" CEMENTITIOUS WITH 125 MILS EPOXY | VF | 116.2 | $ 450.00 | $ 52,290.00 |
| 1.7 | 60-IN DIA MANHOLE LINING - 1.00" CEMENTITIOUS WITH 125 MILS EPOXY | VF | 33.8 | $ 560.00 | $ 18,928.00 |
| 1.8 | 48-IN DIA MANHOLE LINING - 1.50" CEMENTITIOUS WITH 125 MILS EPOXY | VF | 58.0 | $ 500.00 | $ 29,000.00 |
| 1.9 | 48-IN DIA MANHOLE LINING - 1.75" CEMENTITIOUS WITH 125 MILS EPOXY | VF | 15.3 | $ 525.00 | $ 8,032.50 |
| 1.10 | TRAFFIC CONTROL | LS | 1.0 | $ 11,140.00 | $ 11,140.00 |
| | | | | | |
| | **TOTAL ESTIMATE** | | | | **$ 233,768.00** |

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.

2/08/2024

TODD L. ALLYN, PE — Date

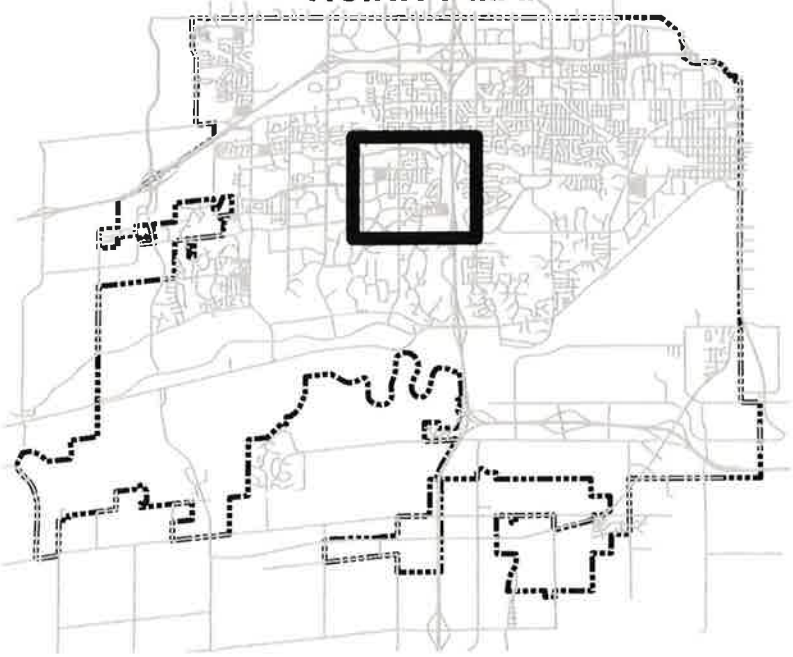
License No. 14621

My license renewal date is December 31, 2024.

Pages or sheets covered by this seal:
Engineer's Estimate

Date Issued:

## VICINITY MAP



## LEGEND

**PROJECT LOCATION** ●

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

# 2023 Sewer Manhole Rehabilitation Program

LOCATION: **Exhibit 'A'**

| DRAWN BY: JPM | DATE: 2/9/2024 | PROJECT NUMBER/NAME: 0510-009-2023 | SHT. 1 of 1 |
|---|---|---|---|