CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: April 17, 2023

ITEM:

Public Hearing (5:35 p.m.)
2022 Channel Repair Program

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $332,161.30 for the 2022 Channel Repair Program. There were five (5) bids submitted with the low bid of $227,842.90 being submitted by Wenthold Excavating, LLC of Elkhart, IA. Payments will be made from account no. 660.000.000.5250.490 with the ultimate funding intended to come from Stormwater Fee Revenue.

BACKGROUND:

The project involves repairing deteriorated storm sewer infrastructure, impaired streambanks, and protecting sanitary sewer infrastructure at seven (7) locations throughout the City of West Des Moines. To repair storm sewer infrastructure, work includes removing and replacing failed flared end sections and installing outlet protection including revetment stone to protect the storm sewer and prevent erosion. To repair stream banks, the work includes revetment stone placement, including excavation, to reinforce and inhibit further erosion of the streambank areas adjacent to City infrastructure. To protect sanitary sewer infrastructure, the work includes encasement of sanitary sewer pipe and revetment stone placement, including excavation. Associated site work improvements include erosion controls, clearing and grubbing, surface restoration, seeding, removal and replacement of sidewalk and trail pavement, and other related work. The project is anticipated to be completed by July 31, 2023 at Site 6 (along Jordan Creek west of 60th Street in coordination with a Parks trail repair project) and by September 30, 2023 at the remaining sites.

The City has never worked with Wenthold Excavating, LLC in a general contractor role, but has worked with them multiple times over the last several years as a subcontractor on other City projects. City Staff feel confident that Wenthold Excavating, LLC is capable of completing this project as intended.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for the 2022 Channel Repair Program;
- Motion receiving and filing Report of Bids;
- Resolution waiving bid irregularities and awarding the construction contract to Wenthold Excavating, LLC.

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	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	March 31, 2023

SUBCOMMITTEE INFORMED (if applicable)

Committee	Public Services
Date Informed	April 10, 2023
No Deliberation or Action Taken	

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on March 20, 2023, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2022 Channel Repair Program
Project No. 0510-006-2022

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law.

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **17th** day of **April, 2023.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

2022 Channel Repair Program
Project No. 0510-006-2022

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and

WHEREAS, mathematical errors were noted on two of the bids that were received; and

WHEREAS, the mathematical errors noted were not material; and

WHEREAS, the bid of Wenthold Excavating, LLC in the amount of $227,842.90 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED THAT THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, waives the irregularities in the bids that were received.

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the 2022 Channel Repair Program is hereby awarded to Wenthold Excavating, LLC in the amount of $227,842.90 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **17th** day of **April, 2023.**

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

BID TABULATION

PROJECT: 2022 CHANNEL REPAIR PROGRAM (0510-006-2022)
LOCATION OF PROJECT: West Des Moines
WHKS PROJECT #: 9571
LETTING DATE-TIME-LOCATION: April 5, 2023 - 2:00 PM - City Hall Suite 2E - West Des Moines
PREPARED BY: WHKS & Co

whks engineers + planners + land surveyors

Item No.	Item	Unit	Quantity	Engineer's Opinion		Wenthold Excavating, LLC		RW Excavating Solutions, LC		Jet Drain Services, LLC		Dirty30 Excavating & Trucking LLC		MPS Engineers, P.C.	
				Unit Price	Ext. Price	Unit Price	Ext. Price	Unit Price	Ext. Price	Unit Price	Ext. Price	Unit Price	Ext. Price	Unit Price	Ext. Price
DIVISION 2 - EARTHWORK															
2.1	CLASS 10 EXCAVATION, BORROW	CY	80	$100.00	$8,000.00	$45.00	$3,600.00	$45.00	$3,600.00	$18.00	$1,440.00	$50.00	$4,000.00	$112.00	$8,960.00
2.2	CLASS 10 EXCAVATION, WASTE	CY	85	$100.00	$8,500.00	$45.00	$3,825.00	$45.00	$3,825.00	$26.00	$2,210.00	$30.00	$2,550.00	$112.00	$9,520.00
DIVISION 3 - TRENCH AND TRENCHLESS CONSTRUCTION															
3.1	SPECIAL PIPE EMBEDMENT OR ENCASEMENT	LF	57	$700.00	$39,900.00	$150.00	$8,550.00	$450.00	$25,650.00	$450.00	$25,650.00	$700.00	$39,900.00	$672.00	$38,304.00
DIVISION 4 - SEWERS AND DRAINS															
4.1	PIPE APRON, CONCRETE, 15 INCH DIA.	EACH	3	$4,000.00	$12,000.00	$2,000.00	$6,000.00	$2,000.00	$6,000.00	$3,800.00	$11,400.00	$6,000.00	$18,000.00	$3,600.00	$10,800.00
4.2	PIPE APRON, CONCRETE, 18 INCH DIA.	EACH	1	$4,500.00	$4,500.00	$2,250.00	$2,250.00	$2,500.00	$2,500.00	$3,900.00	$3,900.00	$7,000.00	$7,000.00	$4,200.00	$4,200.00
4.3	FOOTINGS FOR CONCRETE PIPE APRONS	EACH	4	$2,500.00	$10,000.00	$1,250.00	$5,000.00	$1,100.00	$4,400.00	$1,250.00	$5,000.00	$1,700.00	$6,800.00	$2,500.00	$10,000.00
DIVISION 7 - STREETS AND RELATED WORK															
7.1	REMOVE AND REPLACE SHARED USE PATH, PCC, 6" - REINFORCED	SY	22.2	$260.00	$5,772.00	$180.00	$3,996.00	$140.00	$3,108.00	$65.00	$1,443.00	$500.00	$11,100.00	$256.00	$5,683.20
7.2	REMOVE AND REPLACE SIDEWALK, PCC, 4"	SY	8.9	$240.00	$2,136.00	$170.00	$1,513.00	$120.00	$1,068.00	$60.00	$534.00	$600.00	$5,340.00	$238.00	$2,118.20
DIVISION 8 - TRAFFIC CONTROL															
8.1	TEMPORARY TRAFFIC CONTROL	LS	1.00	$15,000.00	$15,000.00	$15,500.00	$15,500.00	$3,000.00	$3,000.00	$7,800.00	$7,800.00	$4,500.00	$4,500.00	$12,000.00	$12,000.00
DIVISION 9 - SITE WORK AND LANDSCAPING															
9.1	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING	ACRE	1.1	$7,750.00	$8,525.00	$13,500.00	$14,850.00	$7,000.00	$7,700.00	$8,500.00	$9,350.00	$5,650.00	$6,215.00	$8,000.00	$8,800.00
9.2	FILTER SOCKS, 12 INCH	LF	200.0	$5.00	$1,000.00	$12.00	$2,400.00	$4.00	$800.00	$9.00	$1,800.00	$5.00	$1,000.00	$5.00	$1,000.00
9.3	FILTER SOCKS, REMOVAL	LF	200.0	$1.50	$300.00	$3.00	$600.00	$1.00	$200.00	$5.00	$1,000.00	$2.00	$400.00	$1.00	$200.00
9.4	TEMPORARY RECP, TYPE 1.D	SY	378	$8.00	$3,020.80	$4.00	$1,510.40	$3.00	$1,132.80	$8.00	$3,020.80	$7.00	$2,643.20	$8.00	$3,020.80
9.5	RIP RAP, CLASS B REVETMENT	TON	326	$125.00	$40,700.00	$100.00	$32,560.00	$90.00	$29,304.00	$105.00	$34,188.00	$68.00	$22,140.80	$112.00	$36,467.20
9.6	RIP RAP, CLASS E REVETMENT	TON	720.4	$125.00	$90,050.00	$100.00	$72,040.00	$90.00	$64,836.00	$100.00	$72,040.00	$68.00	$48,987.20	$112.00	$80,684.80
9.7	STABILIZED CONSTRUCTION ENTRANCE	SY	280.1	$35.00	$9,803.50	$45.00	$12,604.50	$20.00	$5,602.00	$50.00	$14,005.00	$45.00	$12,604.50	$28.00	$7,842.80
9.8	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	1.1	$4,500.00	$4,950.00	$9,000.00	$9,900.00	$3,000.00	$3,300.00	$6,500.00	$7,150.00	$400.00	$440.00	$3,200.00	$3,520.00
9.9	TURF REINFORCEMENT MATS, TYPE 2	SQ	5.6	$90.00	$504.00	$115.00	$644.00	$100.00	$560.00	$68.00	$384.00	$650.00	$3,640.00	$500.00	$2,800.00
9.10	CROSS VANE	EACH	2.0	$5,000.00	$10,000.00	$2,000.00	$4,000.00	$3,000.00	$6,000.00	$8,000.00	$16,000.00	$17,000.00	$34,000.00	$4,500.00	$9,000.00
DIVISION 11 - MISCELLANEOUS															
11.1	MOBILIZATION	LS	1.00	$55,000.00	$55,000.00	$25,000.00	$25,000.00	$60,000.00	$60,000.00	$26,000.00	$26,000.00	$25,000.00	$25,000.00	$64,000.00	$64,000.00
11.2	CONCRETE WASHOUT	LS	1	$2,500.00	$2,500.00	$1,500.00	$1,500.00	$500.00	$500.00	$1,500.00	$1,500.00	$4,000.00	$4,000.00	$1,000.00	$1,000.00
	TOTAL PROJECT CONSTRUCTION COSTS				**$332,161.30**		**$227,842.90**		**$233,085.80**		**$245,794.80**		**$260,260.70**		**$319,921.00**

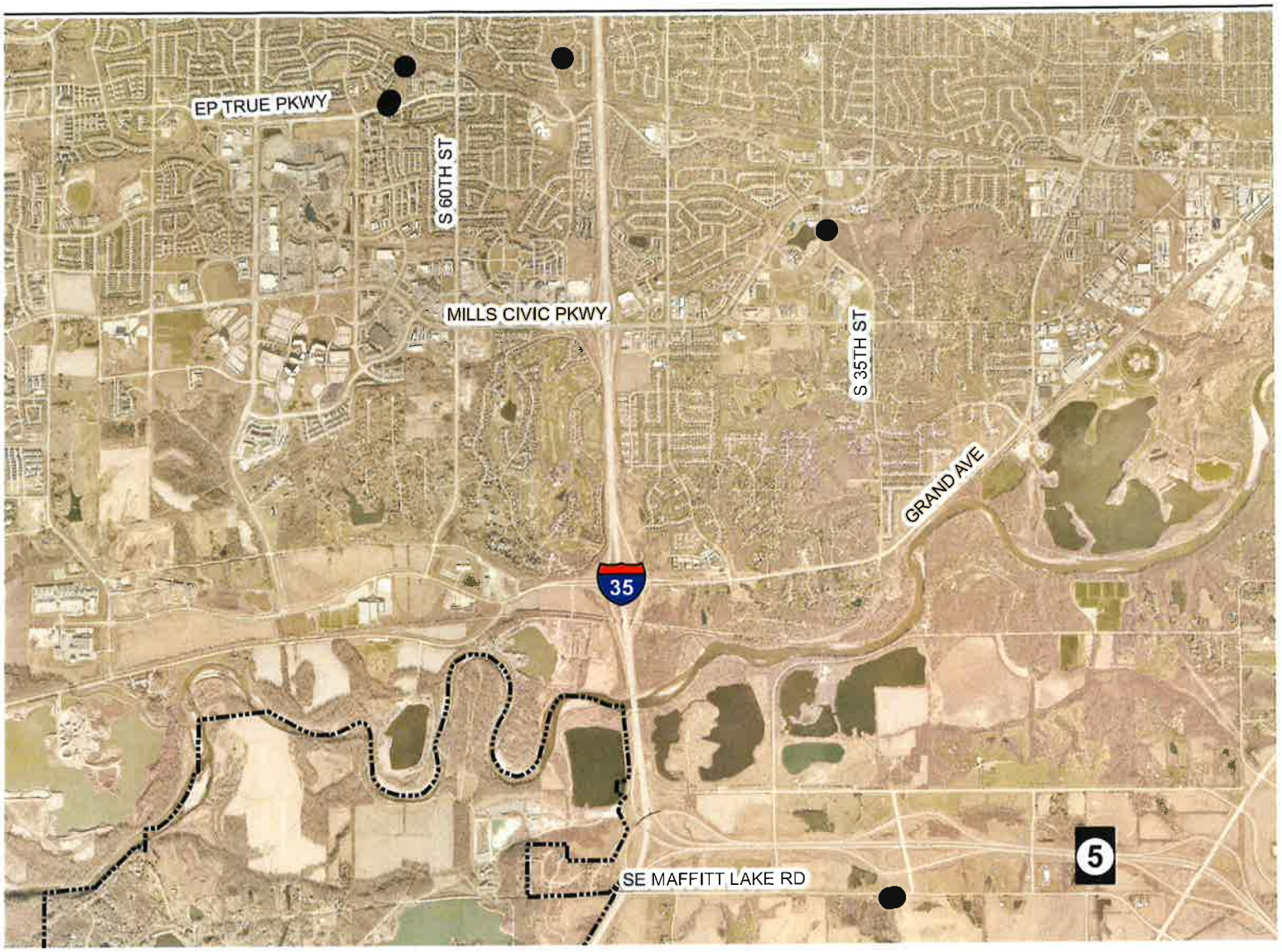
Note: Proposal shows incorrect Project Total price of $245,794.00. Extended prices are correct.

Note: Proposal shows incorrect Project Total price of $260,259.90. Extended prices are correct.

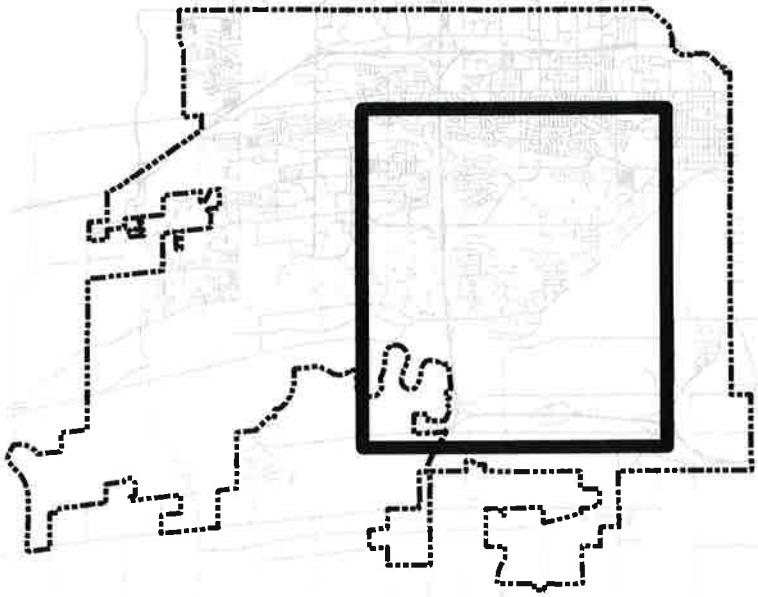
I hereby certify that this is a true and correct tabulation of the bids received on April 5th, 2023 for the 2022 Channel Repair Program in West Des Moines, Iowa, and that I am a duly licensed Professional Engineer under the laws of the State of Iowa

Licensed Professional Engineer Casey V. Faber 22283 IOWA

Casey V. Faber
License Number: 22283
My license renewal date is December 31, 2023
Pages covered by this seal: All Pages



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES	PROJECT: **2022 Channel Repair Program**		
	LOCATION: **Exhibit 'A'**		
	DRAWN BY: JPM	DATE: 3/7/2023	PROJECT NUMBER/NAME: 0510-006-2022	SHT. 1 of 1