CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 18, 2024

ITEM:

Resolution – Accepting Work
South Service Area Segment 8 Sewer

FINANCIAL IMPACT:

The total construction cost for the South Service Area Segment 8 Sewer was $9,965,968.13 which was paid from account no. 640.000.000.5250.490 with the ultimate funding intended to come from Sanitary Sewer Fund. The original cost of the project was $9,460,000.00. There were six (6) Change Orders on the project that totaled $505,968.13.

BACKGROUND:

S.M. Hentges & Sons, Inc. was working under an agreement dated December 5, 2022 for construction services for the South Service Area Segment 8 Sewer. Work on this project included approximately 5,232 linear feet of 24-inch sanitary sewer, 5,078 linear feet of 18-inch sanitary sewer, 470 linear feet of 12-inch sanitary sewer, 40 linear feet of 8-inch sanitary sewer, excavation, backfill, manholes, connections to existing sewer, surface restoration, traffic control, and miscellaneous associated work, including cleanup.

The South Service Area Segment 3 & 8 Sewers (later broken up into two projects, Segment 3 and Segment 8) and the Segment 4 & 10 Sewers were all rebid at least one time due to excessively high bids. Low bids from the original bidding of all of these projects totaled $23,299,000. The total construction costs for all of these projects was $17,123,480. This equates to a $6,175,520 savings on all of these South Service Area Sewer projects.

This action accepts the public improvements and authorizes staff to pay the retainage no sooner than 30 days.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Accepting Work for the South Service Area Segment 8 Sewer.

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 REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	November 11, 2024		
Recommendation	Yes	No	Split

RESOLUTION ACCEPTING WORK

WHEREAS, on December 5, 2022, the City Council entered into a contract with S.M. Hentges & Sons, Inc. of Jordan, Minnesota, for the following described public improvement:

South Service Area Segment 8 Sewer
Project No. 0510-047-2022

and,

WHEREAS, said contractor has substantially completed the construction of said improvement in accordance with plans and specifications as shown by the report of the City Engineer filed with the City Clerk on November 18, 2024; and,

WHEREAS, the City has retained $20,0000.00 (0.20%) of the construction costs;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that said report of the City Engineer is hereby approved and said public improvement is accepted as having been substantially completed in accordance with plans and specifications and the total final construction cost of said improvement is $9,965,968.13 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $20,000.00, which includes retainage for the project, no sooner than 30 days subject to the Contractor satisfying all the conditions of the contract.

PASSED AND APPROVED on this **18th** day of **November, 2024**.

_____
Russ Trimble, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

ENGINEERING SERVICES
4200 Mills Civic Parkway, Suite 2D
PO Box 65320
West Des Moines, IA 50265-0320
(515) 222-3475 Fax (515) 273-0602

West Des Moines

Final Retainage

Contractor: **SM Hentges & Sons, Inc**
650 Quaker Avenue
Jordan, MN 553562

Project Title	**South Service Area Segment 8 Sewer**	
WDM Project File Number	**0510-047-2022**	
Purchase Order Number	**2023-00000441**	
Orig. Contract Amount & Date	**$9,460,000.00**	**12/05/22**
Estimated Completion Date	**03/15/24**	
Pay Period End Date	**11/1/24**	
Pay Request Number	**Final Retainage**	
Date	**11/04/24**	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
DIVISION 2 EARTHWORK							
	N/A				$0.00		$0.00
DIVISION 3 TRENCH EXCAVATION AND BACKFILL							
	N/A				$0.00		$0.00
DIVISION 4 SEWERS AND DRAINS							
1	Sanitary Sewer in Open Cut - 24"	LF	4039	$585.00	$2,362,815.00	4,039.00	$2,362,815.00
2	Sanitary Sewer in Open Cut - 18"	LF	2326	$510.00	$1,186,260.00	2,326.00	$1,186,260.00
3	Sanitary Sewer in Open Cut - 12"	LF	220	$460.00	$101,200.00	220.00	$101,200.00
4	Sanitary Sewer in Open Cut - 8"	LF	30	$200.00	$6,000.00	30.00	$6,000.00
5	Sanitary Sewer in Open Cut - 8" DI	LF	10	$350.00	$3,500.00	10.00	$3,500.00
6	Sanitary Sewer Trenchless - 24"	LF	578	$1,350.00	$780,300.00	578.00	$780,300.00
7	Sanitary Sewer Trenchless in Casing - 24"	LF	615	$1,350.00	$830,250.00	615.00	$830,250.00
8	Sanitary Sewer Trenchless - 18"	LF	650	$1,000.00	$650,000.00	650.00	$650,000.00
9	Sanitary Sewer Trenchless in Casing - 18"	LF	1365	$1,100.00	$1,501,500.00	1,365.00	$1,501,500.00
10	Sanitary Sewer Trenchless - 12"	LF	250	$900.00	$225,000.00	250.00	$225,000.00
11	Sanitary Sewer in Open Cut in Casing Pipe - 18"	LF	737	$850.00	$626,450.00	737.00	$626,450.00
17	Remove Temporary 24" Plug	EA	1	$15,000.00	$15,000.00	1.00	$15,000.00
18	Video Inspection of Sanitary Sewer	LF	10860	$10.00	$108,600.00	############	$108,600.00
19	Remove and Replace 24" Storm Sewer with FES	LF	30	$375.00	$11,250.00	30.00	$11,250.00
20	Tile Remove and Replace - 8" and Smaller	LF	200	$70.00	$14,000.00	200.00	$14,000.00
DIVISION 5 WATER MAINS AND APPURTENANCES							
	N/A				$0.00		$0.00
DIVISION 6 STRUCTURES FOR SANITARY AND STORM SEWERS							
12	Drop Connection - 8"	EA	1	$6,150.00	$6,150.00	1.00	$6,150.00
13	Partial Drop Connections - 8"	EA	6	$7,150.00	$42,900.00	6.00	$42,900.00
14	Manhole - 84"	EA	1	$85,000.00	$85,000.00	1.00	$85,000.00
15	Manhole - 60"	EA	2	$18,000.00	$36,000.00	2.00	$36,000.00
16	Manhole - 48"	EA	34	$13,500.00	$459,000.00	34.00	$459,000.00
	N/A				$0.00		$0.00
DIVISION 8 TRAFFIC CONTROL							
30	Traffic Control	LS	1	$82,475.00	$82,475.00	1.00	$82,475.00
DIVISION 9 SITE WORK AND LANDSCAPING							
21	Rip-Rap	TON	1500	$90.00	$135,000.00	1,500.00	$135,000.00
22	Steel Sheeting	SF	500	$40.00	$20,000.00	500.00	$20,000.00
23	Fence Removal and Replacement - Various Field Type	LF	500	$30.00	$15,000.00	500.00	$15,000.00
24	Fence Removal and Replacement - Chain Link	LF	510	$35.00	$17,850.00	510.00	$17,850.00
25	Remove Deck	EA	1	$7,000.00	$7,000.00	1.00	$7,000.00
26	Erosion Control	LS	1	$20,000.00	$20,000.00	1.00	$20,000.00
27	Silt Fence	LF	12000	$2.00	$24,000.00	############	$24,000.00
28	Seeding - SUDAS Type 2	AC	17	$2,000.00	$34,000.00	17.00	$34,000.00
29	Seeding Wetland Mix	AC	1	$3,500.00	$3,500.00	1.00	$3,500.00
DIVISION 10 DEMOLITION							
	N/A				$0.00		$0.00

DIVISION 11 MISCELLANEOUS							
31	Construction Staking	LS	1	$50,000.00	$50,000.00	1.00	$50,000.00
DIVISION 12 CITY CONDUIT NETWORK SYSTEM							
	N/A				$0.00		$0.00
DIVISION 13 BRIDGES							
	N/A				$0.00		$0.00
CHANGE ORDERS							
1	Pettiecord Clearing & Grubbing w/ SMH Credit	LS	1	$69,018.40	$69,018.40	1.00	$69,018.40
2.01	Additional Cost to Bid Item 2 for Hobas	LF	2326	$53.27	$123,906.02	2,326.00	$123,906.02
2.02	Additional Cost to Bid Item 8 for Hobas	LF	650	$53.27	$34,625.50	650.00	$34,625.50
2.03	Additional Cost to Bid Item 9 for Hobas	LF	1365	$53.27	$72,713.55	1,365.00	$72,713.55
2.04	Additional Cost to Bid Item 11 for Hobas	LF	737	$53.27	$39,259.99	737.00	$39,259.99
2.05	SMH & Hobas Credit for Pipe Change (18")	LS	1	-$80,000.00	-$80,000.00	1.00	-$80,000.00
3.01	Army Post Road Bore Subcontractor T&M	LS	1	$170,789.99	$170,789.99	1.00	$170,789.99
3.02	Army Post Road Bore External Drop Connection	LS	1	$19,837.50	$19,837.50	1.00	$19,837.50
4.01	Access Grading & Culverts - Sta 225+75 and 234+00	LS	1	$25,428.28	$25,428.28	1.00	$25,428.28
4.02	Deletion of Bid Item 22 - Steel Sheeting	SF	-500	$40.00	-$20,000.00	-500.00	-$20,000.00
5.01	MH-41 & MH-42 Adjustments	LS	1	$8,640.50	$8,640.50	1.00	$8,640.50
6.01	Bid Item 1 - Final Adjustment	LF	19	$585.00	$11,115.00	19.00	$11,115.00
6.02	Bid Item 18 - Final Adjustment	LF	-61	$10.00	-$610.00	-61.00	-$610.00
6.03	Bid Item 20 - Final Adjustment	LF	-200	$70.00	-$14,000.00	-200.00	-$14,000.00
6.04	Bid Item 13 - Final Adjustment	EA	1	$7,150.00	$7,150.00	1.00	$7,150.00
6.05	Bid Item 15 - Final Adjustment	EA	1	$18,000.00	$18,000.00	1.00	$18,000.00
6.06	Bid Item 16 - Final Adjustment	EA	-2	$13,500.00	-$27,000.00	-2.00	-$27,000.00
6.07	Bid Item 21 - Final Adjustment	TON	290.96	$90.00	$26,186.40	290.96	$26,186.40
6.08	Bid Item 23 - Final Adjustment	LF	-250	$30.00	-$7,500.00	-250.00	-$7,500.00
6.09	Bid Item 24 - Final Adjustment	LF	14	$35.00	$490.00	14.00	$490.00
6.10	Bid Item 27 - Final Adjustment	LF	5486	$2.00	$10,972.00	5,486.00	$10,972.00
6.11	Bid Item 28 - Final Adjustment	AC	8.91	$2,000.00	$17,820.00	8.91	$17,820.00
6.12	Bid Item 29 - Final Adjustment	AC	-0.25	$3,500.00	-$875.00	-0.25	-$875.00
				TOTAL	**$9,965,968.13**		**$9,965,968.13**

MATERIALS STORED SUMMARY

Description	# of Units	Unit Price	Extended Cost
24" Hobas SN 72 (PR#2)	0	$105.81	$0.00
24" Hobas SN 46 (PR#4)	0	$98.75	$0.00
24" Hobas SN 46 (PR#5)	0	$102.57	$0.00
Manholes (21 thru 44) (PR#5)	0	$3,106.93	$0.00
24" Hobas SN 46 (PR#6)	0	$98.13	$0.00
24" Hobas SN 46 (PR#6)	0	$102.84	$0.00
18" Hobas SN 72 (PR#6)	0	$72.03	$0.00
24" SDR 35 (PR#6)	0	$96.55	$0.00
18" C900 CertaLok (PR#6)	0	$162.00	$0.00
8" PVC Truss (PR#7)	0	$12.50	$0.00
12" PVC Truss (PR#7)	0	$10.75	$0.00
8" DIP (PR#7)	0	$62.50	$0.00
Castings (PR#7)	0	$375.00	$0.00
Fittings & Misc Pipe Materials	0	$26,907.37	$0.00
18" Hobas SN 46 (PR#8)	0	$71.42	$0.00
18" Hobas SN 72 (PR#8)	0	$70.00	$0.00
			$0.00

TOTAL	$0.00

PAY REQUEST SUMMARY			
		Total Approved	Total Completed
	Contract Price	$9,460,000.00	$9,965,968.13
	Approved Change Order 1	$69,018.40	
	Approved Change Order 2	$190,505.06	
	Approved Change Order 3	$190,627.49	
	Approved Change Order 4	$5,428.28	
	Approved Change Order 5	$8,640.50	
	Approved Change Order 6	$41,748.40	
	Revised Contract Price	$9,965,968.13	$9,965,968.13
		Materials Stored	$0.00
		Retainage (0.00%)	$0.00
		Total Earned Less Retainage	$9,965,968.13
Total Previously Approved (list each)	Pay Request 1	$171,873.78	
	Pay Request 2	$594,312.82	
	Pay Request 3	$190,302.31	
	Pay Request 4	$132,879.11	
	Pay Request 5	$137,401.51	
	Pay Request 6	$1,028,495.32	
	Pay Request 7	$295,684.24	
	Pay Request 8	$1,507,112.67	
	Pay Request 9	$1,710,581.06	
	Pay Request 10	$1,024,795.52	
	Pay Request 11	$497,138.22	
	Pay Request 12	$112,460.23	
	Pay Request 13	$1,063,690.55	
	Pay Request 14	$641,329.26	
	Pay Request 15	$114,542.45	
	Pay Request 16	$244,139.67	
	Pay Request 17	$479,229.41	
		Total Previously Approved	$9,945,968.13
		Amount Due This Request	**$20,000.00**
		Percent Complete	100%
		Percent of Contract Period Utilized	100%

The amount $20,000.00 is recommended for approval for payment in accordance with the terms of the Contract

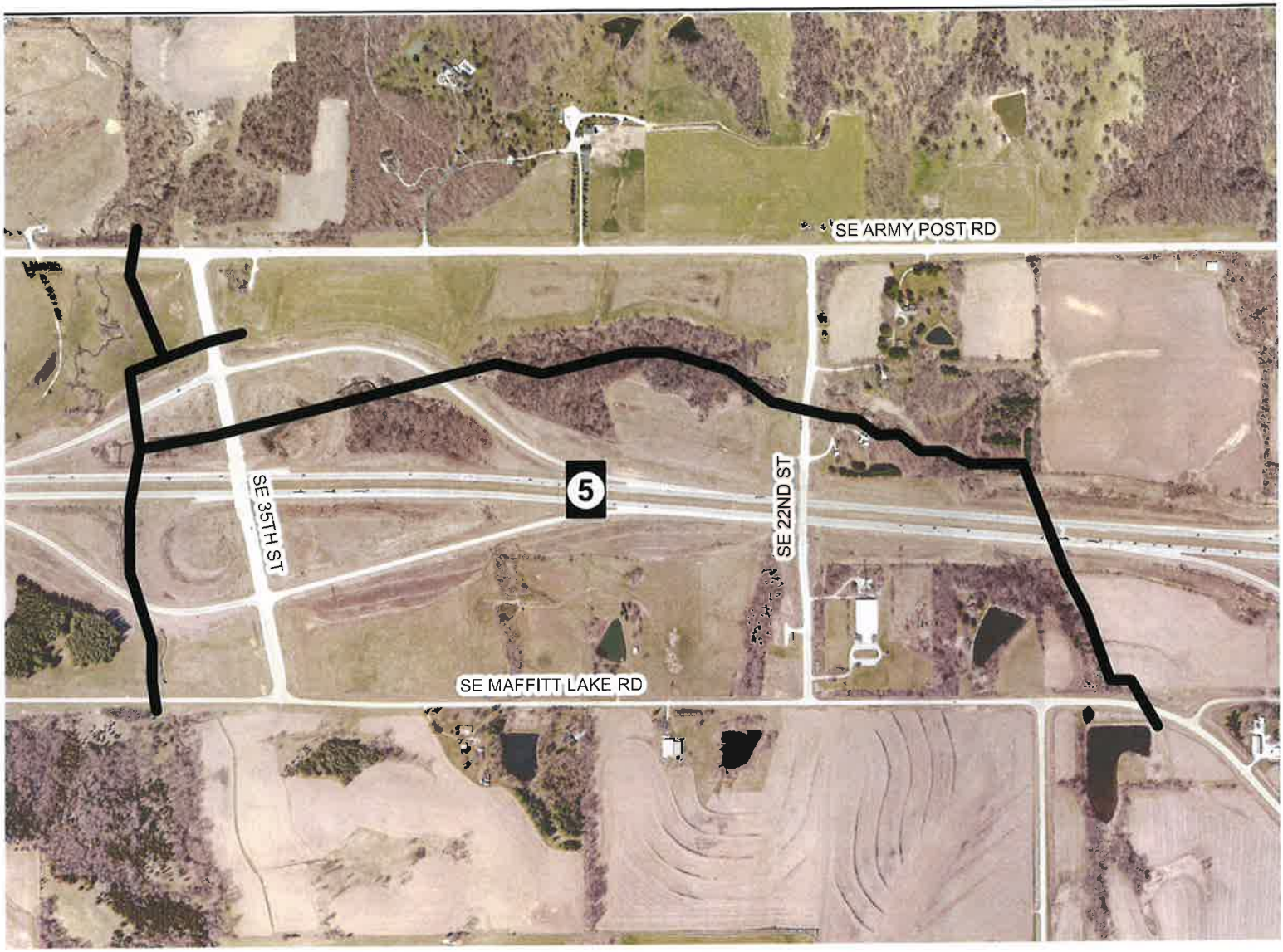
Contractor: S.M. Hentges & Sons, Inc	**Recommended By:** Veenstra & Kimm, Inc.	**Checked By:** RP **City of West Des Moines**
Signature: Joe Miller	Signature:	Signature:
Name: Joe Miller	Name: Bob Veenstra	Name: Brian Hemesath
Title: Project Manager	Title: Project Manager	Title: City Engineer
Date: Nov 6, 2024	Date: Nov 6, 2024	Date: Nov 7, 2024

Signature: Russ Paramore
Russ Paramore (Nov 7, 2024 10:41 CST)

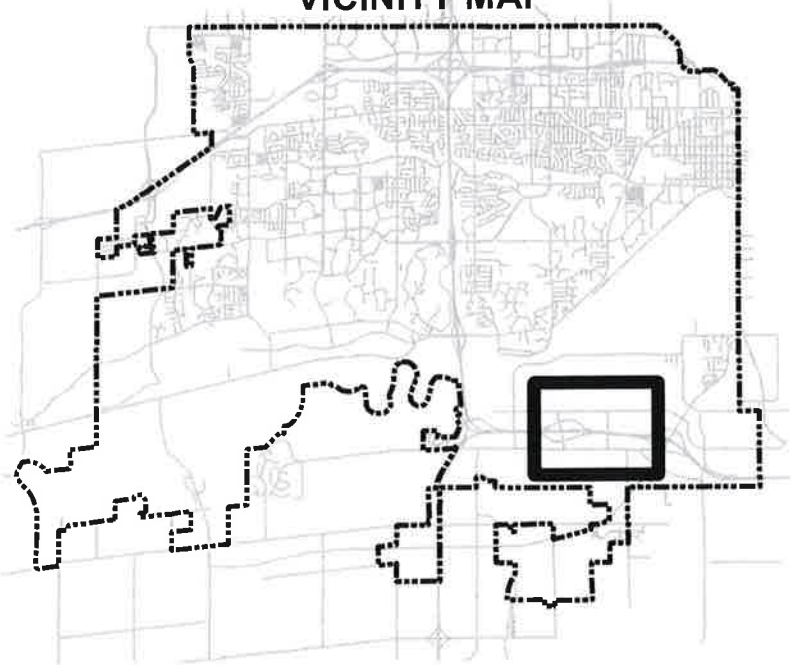
Email: russ.paramore@wdm.iowa.gov

Signature: Jason M. Schlickbernd

Email: jason.schlickbernd@wdm.iowa.gov



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

South Service Area Segment 8 Sewer

LOCATION:

Exhibit "A"

DRAWN BY: JPM	DATE: 10/31/2022	PROJECT NUMBER/NAME: 0510-047-2022	SHT. 1 of 1