CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 18, 2024

ITEM:

Resolution – Accepting Work
Grand Avenue Sewer Abandonment

FINANCIAL IMPACT:

The total construction cost for the Grand Avenue Sewer Abandonment was $356,564.00 which was paid from account no. 640.000.000.5250.490 with the ultimate funding intended to come from Sewer Fee Revenue. The original cost of the project was $371,834.00. There was one (1) Change Order on the project that totaled ($15,270.00).

BACKGROUND:

RW Excavating Solutions, LC was working under an agreement dated March 4, 2024 for construction services for the Grand Avenue Sewer Abandonment. Work on this project included abandonment of the existing 24-inch sanitary sewer along the south side of Grand Avenue from South 60th Street to I-35, including the relocation of two (2) existing sanitary sewer services to tie into the adjacent Wastewater Reclamation Authority (WRA) 54-inch sewer, filling the abandoned sewer with flowable fill, backfilling abandoned manholes, and removing manhole castings and cone sections. The existing 24-inch sanitary sewer through the I-35 interchange and within the railroad right-of-way east of I-35 was abandoned in a similar fashion to that just described. The sewer abandonment along the railroad tracks east of I-35 over to South 50th Street near the Commerce area only included plugging and filling abandoned manholes, and removing manhole castings and cone sections.

The existing 24-inch sanitary sewer along this Grand Avenue corridor was constructed circa 1999 to primarily serve the Glen Oaks development. The City of West Des Moines constructed the 54-inch sanitary sewer along this Grand Avenue Corridor circa 2009 and later transferred ownership over to the WRA after the City of Waukee connected to this planned regional sewer. This minimized the need for the existing 24-inch sewer that is to be abandoned. Eventually the Iowa DOT had to remove a portion of the 24-inch sewer under the reconstructed northbound off-ramp circa 2012, rendering the 24-inch sewer west of I-35 unusable. With some of the recent and planned developments happening along Grand Avenue, the City reached a time wherein the existing 24-inch sewer was in need of abandonment.

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 Grand Avenue Sewer Abandonment.

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 March 4, 2024, the City Council entered into a contract with RW Excavating Solutions, LC of Prairie City, Iowa, for the following described public improvement:

Grand Avenue Sewer Abandonment
Project No. 0510-043-2023

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 5% 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 $356,564.00 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $17,828.20, 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

Final Retainage

The City of West Des Moines

Contractor: **RW Excavating Solutions**
13293 S 88th Ave W
Prairie City, IA 50228

Project Title	**Grand Avenue Sanitary Sewer Abandonment**	
WDM Project File Number	**0510-043-2023**	
Purchase Order Number	**2024-00000593**	
Orig. Contract Amount & Date	**$371,834.00**	**03/04/24**
Estimated Completion Date	**09/15/24**	
Pay Period End Date	**11/01/24**	
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 1 GENERAL PROVISIONS AND COVENANTS							
1.1	RAILROAD PROTECTIVE INSURANCE, IAISRR	LS	1	$22,000.00	$22,000.00	1	$22,000.00
1.2	TRACK PROTECTION SERVICES	DAY	2	$2,000.00	$4,000.00	2	$4,000.00
DIVISION 2 EARTHWORK							
2.1	REMOVAL OF STRUCTURE, SW-301, 48 IN.	EA	1	$1,500.00	$1,500.00	1	$1,500.00
2.2	GRAVEL SURFACING	TON	0	$42.00	$0.00	0	$0.00
DIVISION 4 SEWERS AND DRAINS							
4.1	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON, 8 IN.	LF	20	$300.00	$6,000.00	20	$6,000.00
4.2	REMOVAL OF SANITARY SEWER SERVICE, 6 IN. OR 8 IN.	LF	37	$30.00	$1,110.00	37	$1,110.00
4.3	SANITARY SEWER ABANDONMENT, FILL AND PLUG, 24 IN.	LF	5476	$24.00	$131,424.00	5,476	$131,424.00
4.4	SEWER PUMPING	LS	1	$8,000.00	$8,000.00	1.00	$8,000.00
4.5	MANHOLE ABANDONMENT WITH CONCRETE PLUG	EA	9	$2,000.00	$18,000.00	9	$18,000.00
4.6	MANHOLE ABANDONMENT WITHOUT CONRETE PLUG	EA	17	$1,800.00	$30,600.00	17	$30,600.00
DIVISION 6 STRUCTURES FOR SANITARY AND STORM SEWERS							
6.1	MANHOLE, MODIFIED SW-304, 96 IN.	EA	2	$60,000.00	$120,000.00	2.00	$120,000.00
6.2	EXTERNAL DROP CONNECTION, 6 IN.	EA	1	$8,000.00	$8,000.00	1	$8,000.00
DIVISION 9 SITE WORK AND LANDSCAPING							
9.1	HYDRAULIC SEEDING, SEEDING, FERTILIZING AND MULCHING, TYPE 2	AC	0	$20,000.00	$0.00	0	$0.00
9.2	HYDRAULIC SEEDING, SEEDING, FERTILIZING AND MULCHING, RESCUE +	AC	0	$24,000.00	$0.00	0	$0.00
CHANGE ORDER							
CO.1	HYDRAULIC SEEDING, SEEDING, FERTILIZING AND MULCHING, TYPE 2, REVISED PRICE	AC	0.25	$5,000.00	$1,250.00	0.25	$1,250.00
CO.2	HYDRAULIC SEEDING, SEEDING, FERTILIZING AND MULCHING, RESCUE +, REVISED PRICE	AC	0.78	$6,000.00	$4,680.00	0.78	$4,680.00
				TOTAL	**$356,564.00**		**$356,564.00**

MATERIALS STORED SUMMARY

Description	# of Units	Unit Price	Extended Cost
			$0.00
			$0.00
		TOTAL	$0.00

PAY REQUEST SUMMARY			
		Total Approved	**Total Completed**
	Contract Price	$371,834.00	$356,564.00
	Approved Change Order 1	-$15,270.00	
	Approved Change Order 2		
	Revised Contract Price	$356,564.00	$356,564.00
		Materials Stored	$0.00
		Retainage (0%)	$0.00
		Total Earned Less Retainage	$356,564.00
Total Previously Approved (list each)	Pay Request 1	$111,612.08	
	Pay Request 2	$97,850.00	
	Pay Request 3	$92,290.22	
	Pay Request 4	$36,983.50	
	Pay Request 5		
	Pay Request 6		
		Total Previously Approved	$338,735.80
		Amount Due This Request	**$17,828.20**
		Percent Complete	100%
		Percent of Contract Period Utilized	100%

The amount **$17,828.20** **is recommended for approval for payment in accordance with the terms of the Contract**

Contractor:	**Recommended By:**	**Checked By:** RP [redacted] **City of West Des Moines**
Signature:	Signature:	Signature:
Name:	Name:	Name:
Title:	Title:	Title: City Engineer
Date:	Date:	Date:

Signature: Benjamin S Smith
Benjamin S Smith (Nov 5, 2024 15:13 CST)

Email: bsmith@kirkham.com

Signature: Leah Wilson
Leah Wilson (Nov 5, 2024 16:15 CST)

Email: lwilson@rwexcavating.com

Signature: Russ Paramore
Russ Paramore (Nov 7, 2024 10:45 CST)

Email: russ.paramore@wdm.iowa.gov

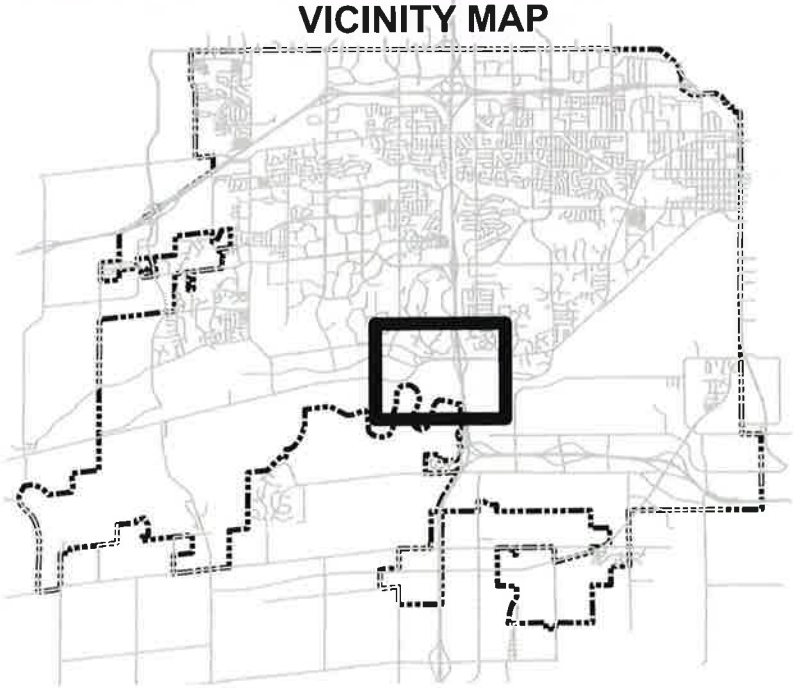
Signature: Jason M. Schlickbernd

Email: jason.schlickbernd@wdm.iowa.gov

Signature:

Email: brian.hemesath@wdm.iowa.gov

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

Grand Avenue Sewer Abandonment

LOCATION: **Exhibit 'A'**

DRAWN BY: JPM	DATE: 10/16/2023	PROJECT NUMBER/NAME: 0510-043-2023	SHT. 1 of 1