



Roll Call Number

Agenda Item Number

13

DATE November 21, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 34TH STREET AND URBANDALE SIDEWALK AND INTERSECTION IMPROVEMENTS, TK CONCRETE, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the 34th Street and Urbandale Sidewalk and Intersection Improvements, 092021002, in accordance with the contract approved between TK Concrete, Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219, under Roll Call No. 21-1167, of July 19, 2021, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted.

BE IT FURTHER RESOLVED: That \$812,220.00 is the total cost, of which \$787,853.40 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$24,366.60 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE

/s/ Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul

Nickolas J. Schaul
Director of Finance

SLN^{pw}

Funding Source: 2022-23 CIP, Page 168, Sidewalks - School and Priority Routes, SW081, G.O. Bonds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
SHEUMAKER				
VOSS				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

I, Laura Baumgartner, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

Mayor

City Clerk

092021002

PROJECT SUMMARY

34th Street and Urbandale Sidewalk and Intersection Improvements

Activity ID 092021002

On July 19, 2021, under Roll Call No. 21-1167, the Council awarded the contract for the above improvements to TK Concrete, Inc., in the amount of \$824,994.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	11/19/2021 Adds quantity of existing items to as-built amounts and adds a new contract item for adjustment of existing manholes structures to finished grade and replacement of water service. Extends the intermediate completion date to November 15, 2021.	\$42,530.00
2	City	10/21/2022 Adjusts quantities to as-built amount	\$(55,304.00)
Original Contract Amount			\$824,994.00
Total Change Orders			\$(12,774.00)
Percent of Change Orders to Original Contract			(1.55)%
Total Contract Amount			\$812,220.00

November 21, 2022



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 34th Street and Urbandale Sidewalk and Intersection Improvements, TK Concrete, Inc..

SYNOPSIS:

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

FISCAL IMPACT:

Amount: \$812,220.00 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 168, Sidewalks - School and Priority Routes, SW081, G.O. Bonds

CERTIFICATION OF COMPLETION:

On July 19, 2021, under Roll Call No. 21-1167, the City Council awarded a contract to TK Concrete, Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219 for the construction of the following improvement:

34th Street and Urbandale Sidewalk and Intersection Improvements, 092021002

The improvement includes Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, PCC sidewalks, PCC curb and gutter, pavement removals, earthwork, storm sewer, intakes, pavement markings, traffic control, erosion control, and surface restoration; all in accordance with the contract documents, including Plan File Nos. 629-207/277, located on 34th Street between Holcomb Avenue and Adams Avenue and on Sheridan Avenue between 33rd Street and 34th Street in Des Moines, Iowa

I hereby certify that the construction of said 34th Street and Urbandale Sidewalk and Intersection Improvements, Activity ID 092021002, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on September 7, 2021, and was completed on October 27, 2022.

I further certify that \$812,220.00 is the total cost of said improvement, of which \$787,853.40 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$24,366.60 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

A handwritten signature in black ink, reading "Steven L. Naber", followed by the initials "pu" in blue ink.

Steven L. Naber, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 9/28/22 TO 9/29/2022
PARTIAL PAYMENT NO. 10 - FINAL

PROJECT: 34TH STREET AND URBANDALE SIDEWALK AND INTERSECTION IMPROVEMENTS
CONTRACTOR: TK Concrete

IDOT #: 0
ACTIVITY ID: 09-2021-002
DATE: 9/29/2022

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
1	Clearing and Grubbing	UNIT	93.80	158.50	158.50	0.00	\$ 70.00	\$11,095.00
2	Topsoil, Off-site	CY	332.30	332.30	332.30	0.00	\$ 42.00	\$13,956.60
3	Excavation, Class 10	CY	910.60	910.60	910.60	0.00	\$ 22.50	\$20,488.50
4	Below Grade Excavation, Core Out	CY	47.90	0.00	0.00	0.00	\$ 50.00	\$0.00
5	Subgrade Preparation	SY	1,417.20	0.00	0.00	0.00	\$ 3.75	\$0.00
6	Special Backfill, 6"	SY	1,417.20	1,377.61	1,377.61	0.00	\$ 10.00	\$13,776.10
7	Storm Sewer, Trenched, 18" RCP	LF	142.30	120.40	120.40	0.00	\$ 125.00	\$15,050.00
8	Storm Sewer, Trenched, 24" RCP	LF	6.60	30.00	30.00	0.00	\$ 550.00	\$16,500.00
9	Removal of Storm Sewer, 18" RCP	LF	10.00	14.00	14.00	0.00	\$ 75.00	\$1,050.00
10	Removal of Storm Sewer, 24" RCP	LF	34.00	30.00	30.00	0.00	\$ 75.00	\$2,250.00
11	Storm Sewer Abandonment, Fill and Plug	LF	38.00	0.00	0.00	0.00	\$ 125.00	\$0.00
12	Water Valve Adjustment	EA	7.00	15.00	15.00	0.00	\$ 675.00	\$10,125.00
13	Check Depth of Water Service	EA	2.00	2.00	2.00	0.00	\$ 1,000.00	\$2,000.00
14	Lower Water Service	EA	1.00	0.00	0.00	0.00	\$ 4,000.00	\$0.00
15	Manhole, SW-401, 48"	EA	1.00	1.00	1.00	0.00	\$ 6,750.00	\$6,750.00
16	Intake, SW-505	EA	1.00	1.00	1.00	0.00	\$ 10,000.00	\$10,000.00
17	Intake, SW-507	EA	2.00	2.00	2.00	0.00	\$ 11,000.00	\$22,000.00
18	Intake, SW-509	EA	3.00	3.00	3.00	0.00	\$ 11,500.00	\$34,500.00
19	Intake, SW-512, 30"	EA	1.00	1.00	1.00	0.00	\$ 3,150.00	\$3,150.00
20	Intake, SW-512, 36"	EA	1.00	1.00	1.00	0.00	\$ 3,250.00	\$3,250.00
21	Connection to Existing Intake or Pipe	EA	6.00	6.00	6.00	0.00	\$ 2,000.00	\$12,000.00
22	Remove Intake	EA	5.00	6.00	6.00	0.00	\$ 875.00	\$5,250.00
23	PCC Pavement, 9"	SY	66.10	77.58	77.58	0.00	\$ 100.00	\$7,758.00
24	PCC Curb & Gutter, 2.5', 9"	LF	1,096.10	1,109.80	1,109.80	0.00	\$ 35.00	\$38,843.00
25	Beam Curb	LF	114.20	129.00	129.00	0.00	\$ 50.00	\$6,450.00
26	PCC Pavement Widening, 7"	SY	579.40	793.52	793.52	0.00	\$ 70.00	\$55,546.40
27	HMA Overlay, 1/2" ST Mix, PG 58-28H Binder	TON	277.66	256.50	256.50	0.00	\$ 100.00	\$25,650.00
28	Removal of Sidewalk	SY	289.10	296.81	296.81	0.00	\$ 10.00	\$2,968.10
29	Removal of Driveway	SY	847.00	1,164.28	1,164.28	0.00	\$ 10.00	\$11,642.80
30	Sidewalk, PCC, 4"	SY	1,714.90	1,194.39	1,194.39	0.00	\$ 55.00	\$65,691.45
31	Sidewalk, PCC, 6"	SY	305.00	282.33	282.33	0.00	\$ 85.00	\$23,998.05

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
32	Detectable Warning	SF	145.40	150.00	150.00	0.00	\$ 50.00	\$7,500.00
33	Driveway, Paved, PCC, 6"	SY	1,099.90	1,406.48	1,406.48	0.00	\$ 60.00	\$84,388.80
34	Driveway, Granular	TON	30.00	20.88	20.88	0.00	\$ 50.00	\$1,044.00
35	Milling	SY	1,164.00	1,230.00	1,230.00	0.00	\$ 5.50	\$6,765.00
36	Pavement Removal	SY	1,687.50	1,619.40	1,619.40	0.00	\$ 12.00	\$19,432.80
37	Permanent Tape Markings, Profile Pavement Marking Tape	STA	12.24	0.00	0.00	0.00	\$ 500.00	\$0.00
38	Painted Symbols and Legends, Durable, Epoxy	EA	4.00	4.00	4.00	0.00	\$ 300.00	\$1,200.00
39	Grooves Cut for Pavement Markings	STA	12.24	12.89	12.89	0.00	\$ 300.00	\$3,867.00
40	Grooves Cut for Symbols and Legends	EA	4.00	4.00	4.00	0.00	\$ 750.00	\$3,000.00
41	Temporary Traffic Control	LS	1.00	1.00	1.00	0.00	\$ 9,500.00	\$9,500.00
42	Portable Dynamic Message Sign	EA	14.00	14.00	14.00	0.00	\$ 175.00	\$2,450.00
43	Hydraulic Seeding, Fertilizing, and Mulching, Type 1 Mix	AC	1.00	2.94	2.94	0.00	\$ 4,500.00	\$13,230.00
44	Stormwater Pollution Prevention Plan (SWPPP)	LS	1.00	1.00	1.00	0.00	\$ 5,500.00	\$5,500.00
45	Filter Sock, 12"	LF	3,240.00	2,225.00	2,225.00	0.00	\$ 3.00	\$6,675.00
46	Filter Socks, Removal	LF	3,240.00	2,225.00	2,225.00	0.00	\$ 1.00	\$2,225.00
47	Inlet Protection Device	EA	7.00	0.00	0.00	0.00	\$ 325.00	\$0.00
48	Chain Link Fence, Black Vinyl Coated, 48" Height	LF	123.00	0.00	0.00	0.00	\$ 57.50	\$0.00
49	Removal of Fence	LF	20.00	0.00	0.00	0.00	\$ 225.00	\$0.00
50	Modular Block Retaining Wall	SF	1,970.00	1,673.20	1,673.20	0.00	\$ 33.50	\$56,052.20
51	Landscape Timbers	SF	20.00	0.00	0.00	0.00	\$ 225.00	\$0.00
52	Concrete Steps, Triple Riser	SF	7.60	0.00	0.00	0.00	\$ 450.00	\$0.00
53	Tree Protection & Temporary Fencing	LF	460.00	18.00	18.00	0.00	\$ 5.00	\$90.00
54	Tree Trunk Protection	EA	24.00	3.00	3.00	0.00	\$ 275.00	\$825.00
55	Removal of Modular Block Retaining Wall	SF	246.00	246.00	246.00	0.00	\$ 17.50	\$4,305.00
56	Salvage and Reinstall Brick Pavers	SF	52.00	52.00	52.00	0.00	\$ 50.00	\$2,600.00
57	Salvage and Relocate Landscaping Boulder	EA	8.00	13.00	13.00	0.00	\$ 150.00	\$1,950.00
58	Furnish and Install 36" Landscaping Boulder	EA	5.00	5.00	5.00	0.00	\$ 575.00	\$2,875.00
59	Landscape Rock, 4" Depth, Match Existing	SF	57.40	78.00	78.00	0.00	\$ 25.00	\$1,950.00
60	Tree Trimming	LS	1.00	1.00	1.00	0.00	\$ 2,500.00	\$2,500.00
61	Construction Survey	LS	1.00	1.00	1.00	0.00	\$ 20,000.00	\$20,000.00
62	Mobilization	LS	1.00	1.00	1.00	0.00	\$ 79,820.00	\$79,820.00
63	Concrete Washout	LS	1.00	1.00	1.00	0.00	\$ 2,000.00	\$2,000.00
64	Removal of Sign and Sign Post	EA	18.00	19.00	19.00	0.00	\$ 175.00	\$3,325.00
65	Type A Signs, Sheet Aluminum	SF	70.10	60.10	60.10	0.00	\$ 54.00	\$3,245.40

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES				UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	CONSTRUCTED THIS PERIOD		
66	Sign Post, Perforated Square, Steel Tube Post	LF	131.00	115.00	115.00	0.00	\$ 20.00	\$2,300.00
67	Miscellaneous Removals	LS	1.00	1.00	1.00	0.00	\$ 2,000.00	\$2,000.00
	Change Order Items							
8001.00	Manhole Adjustment, Major, 3-Piece Casting	EA	0.00	2.00	2.00	0.00	\$ 3,500.00	\$7,000.00
8002.00	New Water Service, 3318 Leado Ave	LS	0.00	1.00	1.00	0.00	\$ 7,260.00	\$7,260.00
8003.00	Painted Pavement Markings, Durable	STA	0.00	12.89	12.89	0.00	\$ 220.00	\$2,835.80
8004.00	Weed Spraying	LS	0.00	1.00	1.00	0.00	\$ 770.00	\$770.00
	ORIGINAL CONTRACT AMOUNT	\$	824,994.00					
	TOTAL CHANGE ORDERS	\$	(12,774.00)					
	ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS	\$	812,220.00					
	PARTIAL PAYMENT NO. 1	\$	59,659.85					
	PARTIAL PAYMENT NO. 2	\$	173,983.71					
	PARTIAL PAYMENT NO. 3	\$	157,955.33					
	PARTIAL PAYMENT NO. 4	\$	157,628.39					
	PARTIAL PAYMENT NO. 5	\$	29,363.06					
	PARTIAL PAYMENT NO. 6	\$	56,281.78					
	PARTIAL PAYMENT NO. 7	\$	83,517.45					
	PARTIAL PAYMENT NO. 8	\$	61,504.98					
	PARTIAL PAYMENT NO. 9	\$	7,958.85					
	THIS PARTIAL PAYMENT	\$	-					
	TOTAL PARTIAL PAYMENTS	\$	787,853.40					
	BALANCE	\$	24,366.60					
	APPROXIMATE PERCENT COMPLETE		100.0%					

QUANTITIES

PREPARED BY:

Todd Ruths

Project Inspector

CHECKED BY:

Christopher Kuhl

Project Engineer

TOTAL	\$ 812,220.00
RETAINAGE	\$ 24,366.60
TOTAL LESS RETAINAGE	\$ 787,853.40
LESS PREVIOUS PAYMENT	\$ 787,853.40
AMOUNT DUE	\$ -

PARTIAL PAYMENT NO. 10 - FINAL

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