



Roll Call Number

Agenda Item Number

10E

DATE September 13, 2021

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR YEADER CREEK STREAM STABILIZATION IMPROVEMENTS, PHASE 2, RW EXCAVATING SOLUTIONS, LC

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 Yeader Creek Stream Stabilization Improvements, Phase 2, 082018008, in accordance with the contract approved between RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, 13293 S.88th Avenue W, Prairie City, IA 50228, under Roll Call No. 19-1153, of July 15, 2019, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$2,878,544.40 is the total cost, of which \$2,792,188.07 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 \$86,356.33 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 Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

s/ Kathleen Vanderpool
Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Nickolas J. Schaul
Director of Finance

SLN
PW

Funding Source: 2021-2022 CIP, Page 97, Easter Lake Watershed Improvements, SM061, Being: \$1,150,000 in SRF Sponsored Projects funding through Lower Oak Park and Highland Park Sewer Separation project (SRF# CS1920 781 01); combined \$936,480 in funding from a combination of Lake Restoration and 319 funding; and the remaining \$792,064.40 in Storm Water Utility Funds.

Anticipated Iowa DNR Lake Restoration Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
WESTERGAARD				
GRAY				
BOESEN				
VOSS				
MANDELBAUM				
GATTO				
TOTAL				
MOTION CARRIED				APPROVED

I, P. Kay Cmelik, 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.



PROJECT SUMMARY

Yeader Creek Stream Stabilization Improvements, Phase 2

Activity ID 082018008

On July 15, 2019, under Roll Call No. 19-1153, the Council awarded the contract for the above improvements to RW Excavating Solutions, LC, in the amount of \$3,076,133.60. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	9/14/2020 Add two additional sections of streambank stabilization at YC C and YC 10. Added tree removal, garage repairs from storm damage, CMP and RCP storm sewer and subdrains, clearing and grubbing, excavation and haul off, manhole repairs and replacements, rip rap for additional slope protection, and modified completion date.	\$170,045.09
2	City	5/19/2021 Adjust contract quantities to match As-Built quantities.	\$(367,634.29)
Original Contract Amount			\$3,076,133.60
Total Change Orders			\$(197,589.20)
Percent of Change Orders to Original Contract			(6.42)%
Total Contract Amount			\$2,878,544.40

10E

September 13, 2021



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Yeader Creek Stream Stabilization Improvements, Phase 2, RW Excavating Solutions, LC.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$2,878,544.40 As-Built Contract Cost

Funding Source: 2021-2022 CIP, Page 97, Easter Lake Watershed Improvements, SM061, Being: \$1,150,000 in SRF Sponsored Projects funding through Lower Oak Park and Highland Park Sewer Separation project (SRF# CS1920 781 01); combined \$936,480 in funding from a combination of Lake Restoration and 319 funding; and the remaining \$792,064.40 in Storm Water Utility Funds.

CERTIFICATION OF COMPLETION:

On July 15, 2019, under Roll Call No. 19-1153, the City Council awarded a contract to RW Excavating Solutions, LC, Dan E. Wilson, Managing Member, 13293 S.88th Avenue W, Prairie City, IA 50228 for the construction of the following improvement:

Yeader Creek Stream Stabilization Improvements, Phase 2, 082018008

The improvement includes clearing & grubbing, excavation, grading of channel banks, storm sewer, placement of rip rap bank protection, fence, Native Seeding and Urban Seeding, and other incidental items; all work in accordance with the contract documents, including Plan File Nos. 607-063/192, located along Yeader Creek in five areas from west of Indianola Avenue to east of S.W. 9th Street, Des Moines, Iowa

I hereby certify that the construction of said Yeader Creek Stream Stabilization Improvements, Phase 2, Activity ID 082018008, 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 November 4, 2019, and was completed on August 31, 2021.

I further certify that \$2,878,544.40 is the total cost of said improvement, of which \$2,792,188.07 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 \$86,356.33 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.



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

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA

ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 4/23/21 to 4/26/21
FINAL PAYMENT (PARTIAL PAYMENT NO. 14)



PROJECT: YEADER CREEK STREAM STABILIZATION IMPROVEMENTS - PHASE 2
CONTRACTOR: RW EXCAVATING SOLUTIONS LC

Activity ID: 08-2018-008
5/26/2021

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$12,000.00	\$12,000.00
2	CLEARING AND GRUBBING	ACRE	11.000	11.210	11.210	\$12,000.00	\$134,520.00
3	TOPSOIL, ON-SITE	CY	8,000.000	8,000.000	8,000.000	\$13.00	\$104,000.00
4	COMPOST FOR TOPSOIL AMENDMENT	CY	500.000	0.000	0.000	\$70.00	\$0.00
5	EXCAVATION, CLASS 10 REUSE ON SITE	CY	8,566.000	8,566.000	8,566.000	\$7.00	\$59,962.00
6	EXCAVATION, CLASS 10 HAUL OFF SITE	CY	22,862.000	23,622.000	23,622.000	\$17.00	\$401,574.00
7	SELECT CLAY FILL; HAUL, PLACEMENT, & COMPACTION	CY	780.000	800.000	800.000	\$17.00	\$13,600.00
8	FLOWABLE MORTAR	CY	60.000	6.000	6.000	\$192.00	\$1,152.00
9	STORM SEWER, TRENCHED RCP (CL III), 72 IN.	LF	68.000	80.000	80.000	\$400.00	\$32,000.00
10	STORM SEWER, TRENCHED RCP (CL III), 48 IN.	LF	12.000	16.000	16.000	\$210.00	\$3,360.00
11	STORM SEWER, TRENCHED RCP (CL III), 42 IN.	LF	8.000	8.000	8.000	\$210.00	\$1,680.00
12	STORM SEWER, TRENCHED RCP (CL III), 36 IN.	LF	20.000	20.000	20.000	\$130.00	\$2,600.00
13	REMOVAL OF STORM SEWER, RCP, 36 IN. & GREATER	LF	36.000	36.000	36.000	\$60.00	\$2,160.00
14	STORM SEWER, REMOVE PIPE APRON, 36 IN. & GREATER	EACH	3.000	3.000	3.000	\$800.00	\$2,400.00
15	STORM SEWER, RCP PIPE APRON, TYPE I, 48 IN. & APRON GUARD	EACH	1.000	1.000	1.000	\$5,600.00	\$5,600.00
16	STORM SEWER, RCP PIPE APRON, TYPE I, 36 IN. & APRON GUARD	EACH	1.000	1.000	1.000	\$4,200.00	\$4,200.00
17	CONCRETE PIPE APRON FOOTINGS	EACH	2.000	2.000	2.000	\$600.00	\$1,200.00
18	CONCRETE PIPE APRON GUARD, 72 IN.	EACH	1.000	1.000	1.000	\$2,400.00	\$2,400.00
19	MANHOLE, SW-401, 72 IN.	EACH	1.000	1.000	1.000	\$6,000.00	\$6,000.00
20	MANHOLE, SW-401, 84 IN.	EACH	1.000	1.000	1.000	\$8,960.00	\$8,960.00
21	MANHOLE, SW-404, 9.5 FT. X 4 FT.	EACH	1.000	1.000	1.000	\$28,800.00	\$28,800.00
22	MANHOLE ADJUSTMENT, MINOR	EACH	1.000	2.000	2.000	\$2,000.00	\$4,000.00
23	CONCRETE OUTLET STRUCTURE	EACH	1.000	1.000	1.000	\$50,000.00	\$50,000.00
24	CURB & GUTTER, 3 FT, W- 6 IN STANDARD CURB	LF	385.000	86.000	86.000	\$55.00	\$4,730.00
25	REMOVAL OF SIDEWALK	SY	60.000	78.840	78.840	\$25.00	\$1,971.00
26	REMOVAL OF DRIVEWAY	SY	350.000	0.000	0.000	\$15.00	\$0.00
27	SIDEWALK, PCC, 4 IN.	SY	60.000	78.840	78.840	\$60.00	\$4,730.40
28	REMOVE & REPLACE DRIVEWAY, PAVED, PCC 6 IN.	SY	975.000	31.000	31.000	\$125.00	\$3,875.00
29	DRIVEWAY, GRANULAR, CLASS A CRUSHED STONE	TON	371.000	17.700	17.700	\$27.00	\$477.90
30	CURB & GUTTER REMOVAL	LF	385.000	86.000	86.000	\$23.00	\$1,978.00

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31	TEMPORARY MULCHING	ACRE	8.000	4.460	4.460	\$4,000.00	\$17,840.00
32	CONVENTIONAL SEEDING & MBFM MULCH (NATIVE)(DRY MESIC)	ACRE	7.200	6.900	6.900	\$7,500.00	\$51,750.00
33	CONVENTIONAL SEEDING & MBFM MULCH (NATIVE)(WET MESIC)	ACRE	1.200	0.950	0.950	\$7,500.00	\$7,125.00
34	HYDRAULIC SEEDING, FERTILIZING & MBFM MULCH (TURF GRASS)	ACRE	2.100	3.790	3.790	\$5,500.00	\$20,845.00
35	WARRANTY, SEEDING, AND PLUGS	LS	1.000	1.000	1.000	\$35,000.00	\$35,000.00
36	PLANTS, TREES	EACH	80.000	81.000	81.000	\$550.00	\$44,550.00
37	PLANTS, PLOTTED PLUGS, 2 IN. MINIMUM	EACH	7,873.000	7,873.000	7,873.000	\$10.00	\$78,730.00
38	PLANTS, LIVE STAKING 18 - 24 INCH	EACH	4,041.000	4,041.000	4,041.000	\$9.00	\$36,369.00
39	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.000	1.000	1.000	\$12,000.00	\$12,000.00
40	EROSION CONTROL MEASURES, INSTALLATION & REMOVAL	LF	11,900.000	1,536.000	1,536.000	\$3.00	\$4,608.00
41	TEMPORARY RECP, TYPE 3.B	SY	5,275.000	4,054.000	4,054.000	\$2.50	\$10,135.00
42	TEMPORARY RECP, TYPE 2.C	SY	34,747.000	39,400.000	39,400.000	\$1.50	\$59,100.00
43	ROCK CHECK DAM (RIFFLE STRUCTURES), CLASS D RIP RAP	TON	2,474.000	2,676.790	2,676.790	\$61.20	\$163,819.55
44	ROCK CHECK DAM (RIFFLE STRUCTURES), MACADAM STONE	TON	511.000	426.530	426.530	\$61.20	\$26,103.64
45	RIP RAP, CLASS B, STILLING BASINS	TON	215.000	419.670	419.670	\$61.20	\$25,683.80
46	RIP RAP, CLASS E, STILLING BASINS	TON	68.000	68.600	68.600	\$61.20	\$4,198.32
47	RIP RAP, CLASS D, PEAK STONE & TOE ROCK	TON	10,349.000	11,568.920	11,568.920	\$61.20	\$708,017.90
48	RIP RAP, CLASS D, SOIL CHOKED PEAK STONE & TOE ROCK	TON	450.000	0.000	0.000	\$69.20	\$0.00
49	RIP RAP, CLASS E, BENDWAY WEIRS	TON	448.000	478.780	478.780	\$61.20	\$29,301.34
50	RIP RAP, CLASS B, STEP POOL	TON	23.000	60.540	60.540	\$61.20	\$3,705.05
51	RIP RAP, CLASS D, STEP POOL	TON	587.000	586.460	586.460	\$61.20	\$35,891.35
52	RIP RAP, MACADAM STONE, STEP POOL	TON	48.000	69.990	69.990	\$61.20	\$4,283.39
53	RIP RAP, REMOVE, STOCKPILE, REUSE ONSITE	TON	58.000	58.000	58.000	\$30.00	\$1,740.00
54	STABILIZED CONSTRUCTION ENTRANCE	EACH	8.000	8.000	8.000	\$5,000.00	\$40,000.00
55	INLET PROTECTION DEVICE, DROP-IN SEDIMENT TRAP	EACH	2.000	0.000	0.000	\$150.00	\$0.00
56	INLET PROTECTION DEVICE, MAINTENANCE & REMOVAL	EACH	2.000	0.000	0.000	\$25.00	\$0.00
57	CHAIN LINK FENCE, PVC COATED, 48"	LF	470.000	533.500	533.500	\$37.90	\$20,219.65
58	REMOVAL & REINSTALLATION OF EXISTING FENCE(WOOD, SIZE VARI	LF	295.000	433.000	433.000	\$43.40	\$18,792.20
59	REMOVAL & REINSTALLATION OF EXISTING FENCE(CHAIN LIN, SIZE V	LF	315.000	275.000	275.000	\$24.10	\$6,627.50
60	REMOVAL OF FENCE	LF	65.000	257.000	257.000	\$4.50	\$1,156.50
61	TEMPORARY FENCE, CHAIN LINL 72"	LF	260.000	422.000	422.000	\$7.88	\$3,325.36
62	DEMOLITION WORK	LS	1.000	1.000	1.000	\$8,000.00	\$8,000.00
63	CONSTRUCTION SURVEY	LS	1.000	1.000	1.000	\$15,000.00	\$15,000.00
64	MOBILIZATION	LS	1.000	1.000	1.000	\$200,000.00	\$200,000.00
65	TEMPORARY SIDEWALK, PCC, 4 IN.	SY	7.000	0.000	0.000	\$50.00	\$0.00
66	CONCRETE WASH OUT	LS	1.000	1.000	1.000	\$1,000.00	\$1,000.00
67	TRASH REMOVAL (REMOVE & HAUL OFF)	TON	200.000	15.250	15.250	\$300.00	\$4,575.00
68	TYPE A SIGN, SHEET ALUM.	EACH	12.000	14.000	14.000	\$300.00	\$4,200.00
69	CRBEK SIGN INSTALLATION	EACH	10.000	11.000	11.000	\$100.00	\$1,100.00
70	SHED & STRUCTURE RELOCATION	EACH	9.000	6.000	6.000	\$2,000.00	\$12,000.00
71	GRAVITY WALL (SEGMENTAL BLOCK RETAINING)	SF	920.000	863.000	863.000	\$98.09	\$84,651.67

72	SHEET PILE DRIVEN	SF	885.000	885.000	885.000	\$168.44	\$149,069.40
73	VIBRATION MONITORING	LS	1.000	1.000	1.000	\$7,000.00	\$7,000.00
74	TREE PROTECTION FENCE	LF	6,000.000	0.000	0.000	\$3.00	\$0.00
1.01	TREE REMOVALS FROM EXISTING FENCE	LS	0.000	1.000	1.000	\$300.00	\$300.00
1.02	GARAGE REPAIR FROM TREE DAMAGE	LS	0.000	1.000	1.000	\$157.50	\$157.50
1.03	GARAGE DOOR REPLACEMENT	LS	0.000	1.000	1.000	\$1,422.75	\$1,422.75
1.04	ROOF DRAIN SPOUT REPAIR & EXTENSION	LS	0.000	1.000	1.000	\$600.00	\$600.00
1.05	18" CMP STORM SEWER REPAIR & EXTENSION	LS	0.000	1.000	1.000	\$1,213.25	\$1,213.25
1.06	TEMPORARY GRANULAR SURFACING OVER STREET MANHOLE	LS	0.000	1.000	1.000	\$250.00	\$250.00
1.07	REMOVE & REPLACE MANHOLE CASTING	EACH	0.000	1.000	1.000	\$650.00	\$650.00
1.08	STORM SEWER, TRENCHED RCP (CL IV), 18 IN.	LF	0.000	40.000	40.000	\$35.00	\$1,400.00
1.09	STORM SEWER, TRENCHED RCP (CL III), 18 IN.	LF	0.000	152.000	152.000	\$32.00	\$4,864.00
1.10	STORM SEWER, RCP, FLARED END SECTION, 18 IN.	EACH	0.000	1.000	1.000	\$1,200.00	\$1,200.00
1.11	REMOVE & REPLACE MANHOLE, SW-401, 48 IN.	EACH	0.000	1.000	1.000	\$5,700.00	\$5,700.00
1.12	SUBDRAIN, 6 IN.	LF	0.000	240.000	240.000	\$8.00	\$1,920.00
1.13	SUBDRAIN EXTENSION & OUTLET	LS	0.000	1.000	1.000	\$211.68	\$211.68
1.14	24" RCP STORM SEWER FLARED END SECTION ADJUSTMENT	EACH	0.000	1.000	1.000	\$1,211.30	\$1,211.30
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$2,878,544.40				
PARTIAL PAYMENT #1			\$208,717.43				
PARTIAL PAYMENT #2			\$335,084.16				
PARTIAL PAYMENT #3			\$328,785.16				
PARTIAL PAYMENT #4			\$351,773.60				
PARTIAL PAYMENT #5			\$298,065.44				
PARTIAL PAYMENT #6			\$197,848.13				
PARTIAL PAYMENT #7			\$281,855.77				
PARTIAL PAYMENT #8			\$168,265.05				
PARTIAL PAYMENT #9			\$142,885.75				
PARTIAL PAYMENT #10			\$159,186.76				
PARTIAL PAYMENT #11			\$107,210.08				
PARTIAL PAYMENT #12			\$174,452.79				
PARTIAL PAYMENT #13			\$38,057.95				
THIS FINAL PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$2,792,188.07				
BALANCE			\$86,356.33				

PREPARED BY: Joseph A. Edy

CHECKED BY: D. E. E.

FINAL PAYMENT (PARTIAL PAYMENT NO. 14)

TOTAL	\$2,878,544.40
RETAINAGE	\$86,356.33
TOTAL LESS RETAINAGE	\$2,792,188.07
LESS PREVIOUS PAYMENTS	\$2,792,188.07
AMOUNT DUE	\$0.00