

Date January 25, 2021

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 519 FOSTER DRIVE LANDSLIDE ROADWAY REPAIR, S. M. HENTGES & SONS 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 519 Foster Drive Landslide Roadway Repair, 062019023, in accordance with the contract approved between S. M. Hentges & Sons Inc., Steven M. Hentges, President, 650 Quaker Avenue, Suite 200, Jordan, MN 55352, under Roll Call No. 19-1675, of October 14, 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 \$968,580.60 is the total cost, of which \$939,523.18 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 \$29,057.42 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.

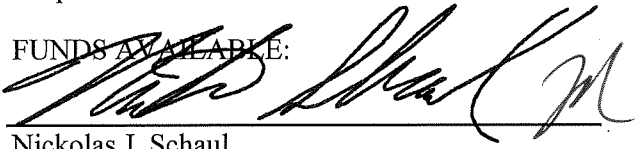
BE IT FURTHER RESOLVED: That the Director of Finance be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:

s/Kathleen Vanderpool
Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE:


Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Street – 36, Roadway Rehabilitation – Collector, ST217, Gaming Monies

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

MOTION CARRIED APPROVED

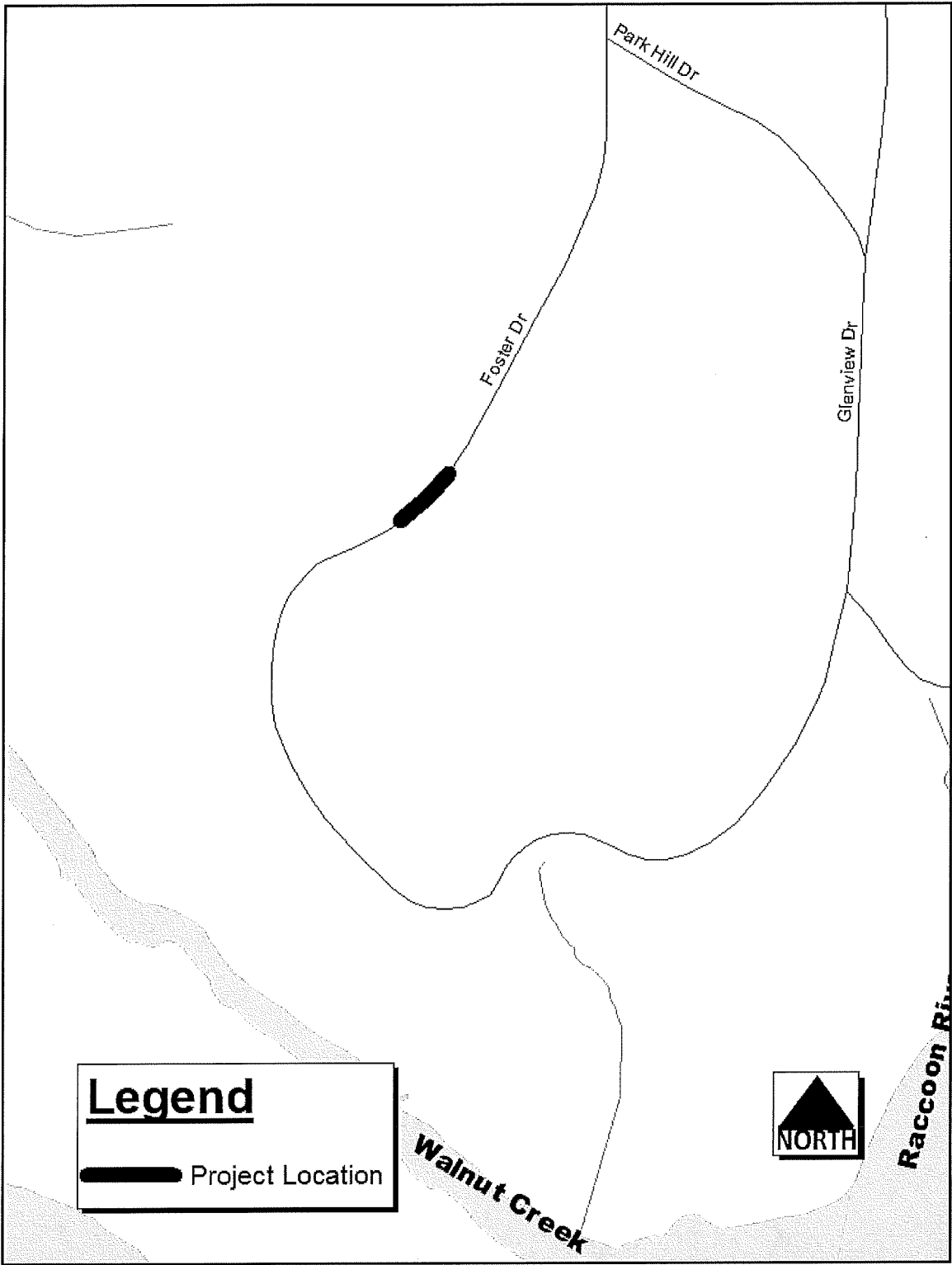
Mayor

CERTIFICATE

I, P. Kay Cmelik, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

City Clerk





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PROJECT SUMMARY

519 Foster Drive Landslide Roadway Repair

Activity ID 062019023

On October 14, 2019, under Roll Call No. 19-1675, the Council awarded the contract for the above improvements to S. M. Hentges & Sons Inc., in the amount of \$924,500.25. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	5/1/2020 Added longer deep foundations and increased timber lagging for retaining wall, and increased tree trunk protection and fencing.	\$45,996.38
2	City	9/21/2020 Added sheet pile around cable guardrail anchor, adjusted contract quantities to match as-built quantities, assessed liquidated damages.	\$(1,916.03)
Original Contract Amount			\$924,500.25
Total Change Orders			\$44,080.35
Percent of Change Orders to Original Contract			4.77%
Total Contract Amount			\$968,580.60

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January 25, 2021

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 519 Foster Drive Landslide Roadway Repair, S. M. Hentges & Sons Inc.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$968,580.60 As-Built Contract Cost

Funding Source: 2020-2021 CIP, Page Street – 36, Roadway Rehabilitation – Collector, ST217, Gaming Monies

CERTIFICATION OF COMPLETION:

On October 14, 2019, under Roll Call No. 19-1675, the City Council awarded a contract to S. M. Hentges & Sons Inc., Steven M. Hentges, President, 650 Quaker Avenue, Suite 200, Jordan, MN 55352 for the construction of the following improvement:

519 Foster Drive Landslide Roadway Repair, 062019023

The improvement includes clearing and grubbing, excavation, soldier beam and lagging retaining wall, grading, rip rap, 18-inch and 24-inch Reinforced Concrete Pipe (RCP) storm sewers, storm intakes, turf reinforcement mat, pavements, guard rail, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 612-060/075, located at 519 Foster Drive, Des Moines, Iowa

I hereby certify that the construction of said 519 Foster Drive Landslide Roadway Repair, Activity ID 062019023, 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 18, 2019, and was completed on January 4, 2021.

I further certify that \$968,580.60 is the total cost of said improvement, of which \$939,523.18 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 \$29,057.42 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 6/25/20 to 7/1/20
FINAL PAYMENT (PARTIAL PAYMENT NO. 8)



PROJECT: 519 Foster Drive Landslide Roadway Repair
CONTRACTOR: S.M. Hentges & Sons, Inc.

Activity ID: 06-2019-023
11/18/2020

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	SELECTIVE CLEARING OF TREES	UNITS	180.000	180.000	180.000	\$385.00	\$69,300.00
2	TOPSOIL, IMPORTED	CY	70.000	70.000	70.000	\$29.00	\$2,030.00
3	CLASS 10 EXCAVATION	CY	1,000.000	1,099.220	1,099.220	\$18.00	\$19,785.96
4	GRANULAR SUBBASE - MODIFIED SUBBASE	TON	710.000	696.230	696.230	\$32.25	\$22,453.42
5	CLEAN CRUSHED STONE (3"), FOR CORE-OUT EXCAVATION	TON	2,125.000	2,358.880	2,358.880	\$31.85	\$75,130.33
6	18" RCP STORM SEWER	LF	220.000	221.000	221.000	\$70.00	\$15,470.00
7	24" RCP STORM SEWER	LF	25.000	21.000	21.000	\$87.50	\$1,837.50
8	12" CMP STORM SEWER WITH 45° BEND	LF	6.000	7.000	7.000	\$135.50	\$948.50
9	SUBDRAIN, 6" DIA.	LF	575.000	971.900	971.900	\$17.50	\$17,008.25
10	STORM SEWER REMOVAL, 18" CMP	LF	28.000	24.000	24.000	\$21.00	\$504.00
11	SUBDRAIN OUTLETS AND CONNECTIONS, 6" DIA.	EA	6.000	6.000	6.000	\$650.00	\$3,900.00
12	REMOVE AND RELOCATE FIRE HYDRANT	EA	1.000	1.000	1.000	\$4,200.00	\$4,200.00
13	SW-402 RECTANGULAR STORM SEWER MANHOLE	EA	1.000	1.000	1.000	\$5,665.00	\$5,665.00
14	SW-505 DOUBLE GRATE INTAKE	EA	5.000	5.000	5.000	\$5,200.00	\$26,000.00
15	CONNECTION TO EXISTING CMP STORM SEWERS	EA	2.000	2.000	2.000	\$1,600.00	\$3,200.00
16	MANHOLE & INTAKE REMOVAL	EA	2.000	3.000	3.000	\$1,100.00	\$3,300.00
17	PAVEMENT, PCC 6"	SY	585.000	720.000	720.000	\$65.00	\$46,800.00
18	HMA ST SURFACE, 1/2" MIX, NO FRIC. PG 58-28H, 2" OVERLAY	TON	70.000	136.560	136.560	\$158.00	\$21,576.48
19	5" PCC SIDEWALK, CLASS A	SY	85.000	112.220	112.220	\$99.00	\$11,109.78
20	ROAD SURFACING - IDOT ROADSTONE	TON	120.000	19.190	19.190	\$39.25	\$753.21
21	DRIVEWAY APPROACH PAVEMENT 6"	SY	90.000	22.190	22.190	\$102.00	\$2,263.38
22	MILLING	SY	465.000	695.560	695.560	\$8.15	\$5,668.81
23	PAVEMENT REMOVAL	SY	705.000	1,017.080	1,017.080	\$7.75	\$7,882.37
24	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$1,275.00	\$1,275.00
25	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	ACRES	0.900	0.420	0.420	\$5,330.00	\$2,238.60
26	WATERING	MGAL	90.000	8.000	8.000	\$46.00	\$368.00
27	WARRANTY	LS	1.000	1.000	1.000	\$2,000.00	\$2,000.00
28	SODDING	SQ	14.000	30.000	30.000	\$178.50	\$5,355.00

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29	TREE PLANTING	EA	15.000	15.000	15.000	\$408.00	\$6,120.00
30	RIP RAP, CLASS E, WITH FILTER FABRIC FOR DRAINAGE TRENCH	TON	450.000	442.600	442.600	\$67.00	\$29,654.20
31	EROSION CONTROL MULCHING, HYDROMULCH	ACRES	0.900	0.420	0.420	\$3,975.00	\$1,669.50
32	TURF REINFORCEMENT MATS (TRM), TYPE 3	SQ	15.000	11.000	11.000	\$152.00	\$1,672.00
33	CHAIN LINK FENCE, BLACK PVC COATED, 42"	LF	152.000	152.000	152.000	\$47.50	\$7,220.00
34	MODULAR BLOCK WALL	SF	70.000	0.000	0.000	\$71.00	\$0.00
35	RETAINING WALL - SOLDIER PILE SHAFT	LF	585.000	626.250	626.250	\$59.50	\$37,261.88
36	RETAINING WALL - SOLDIER PILE, HP 16 x 162	LF	805.000	920.000	920.000	\$220.00	\$202,400.00
37	RETAINING WALL - SOLDIER PILE, CONCRETE ENCASEMENT	LF	555.000	622.000	622.000	\$78.00	\$48,516.00
38	TIMBER LAGGING, TREATED 6 x 12	SF	815.000	888.000	888.000	\$50.00	\$44,400.00
39	HIGH TENSION CABLE GUARDRAIL	LF	132.000	179.000	179.000	\$41.00	\$7,339.00
40	HIGH TENSION CABLE GUARDRAIL - END ANCHORS	EA	2.000	2.000	2.000	\$3,550.00	\$7,100.00
41	MOBILIZATION	LS	1.000	1.000	1.000	\$125,000.00	\$125,000.00
42	CONCRETE WASHOUT	LS	1.000	1.000	1.000	\$360.00	\$360.00
43	TREE PROTECTION FENCE, 48"	LF	465.000	650.000	650.000	\$3.60	\$2,340.00
44	EXISTING SHEET PILING, DRIVING TO EMBEDMENT	LF	200.000	89.000	89.000	\$285.00	\$25,365.00
45	EXISTING SHEET PILING, CUT-OFF AND REMOVAL	LF	80.000	167.200	167.200	\$95.00	\$15,884.00
46	EXISTING LIMESTONE BLOCK WALL REMOVAL & REPLACEMENT	LF	120.000	134.800	134.800	\$92.00	\$12,401.60
47	TREE TRUNK PROTECTION	EA	22.000	42.000	42.000	\$435.00	\$18,270.00
2.01	SHEET PILE INSTALL & CUT OFF - S. GUARDRAIL END ANCHOR	LS	0.000	1.000	1.000	\$4,000.00	\$4,000.00
2.02	LIGHT DUTY REINFORCEMENT MAT	SQ	0.000	9.650	9.650	\$60.50	\$583.83
2.03	LIQUIDATED DAMAGES	DAY	0.000	7.000	7.000	(\$1,000.00)	(\$7,000.00)
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$968,580.60				
PARTIAL PAYMENT NO. 1			\$215,105.95				
PARTIAL PAYMENT NO. 2			\$5,474.68				
PARTIAL PAYMENT NO. 3			\$280,480.08				
PARTIAL PAYMENT NO. 4			\$82,978.83				
PARTIAL PAYMENT NO. 5			\$233,928.65				
PARTIAL PAYMENT NO. 6			\$74,806.48				
PARTIAL PAYMENT NO. 7			\$46,748.51				
THIS PARTIAL PAYMENT			\$0.00				
TOTAL PARTIAL PAYMENTS			\$939,523.18				
BALANCE			\$29,057.42				

PREPARED BY:

Joseph A. Eddy
D. King

CHECKED BY:

TOTAL	\$968,580.60
RETAINAGE	\$29,057.42
TOTAL LESS RETAINAGE	\$939,523.18
LESS PREVIOUS PAYMENTS	\$939,523.18
AMOUNT DUE	\$0.00

FINAL PAYMENT (PARTIAL PAYMENT NO. 8)