



Roll Call Number

Agenda Item Number

11B

DATE February 22, 2021

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR AGRIMERGENT STORM SEWER PHASE 2, 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 Agrimergent Storm Sewer Phase 2, 082017008, 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. 18-0635, of April 9, 2018, 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 \$2,946,156.45 is the total cost, of which \$2,946,156.45 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 \$0.00 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.

FORM APPROVED:

FUNDS AVAILABLE

s/ Kathleen Vanderpool

Nickolas J. Schaul BB

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN

Funding Source: 2020-2021 CIP, Page Street – 58, Vandalia Road Improvements, ST268, G. O. Bonds, Being: \$566,739.51 in G.O. Bonds to be issued from ST268, \$913,706 in G.O. Bonds from ST256; \$1,422,301 in Storm Water Utility funds; and the remaining \$43,409.94 from Des Moines Water Works.



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

MOTION CARRIED

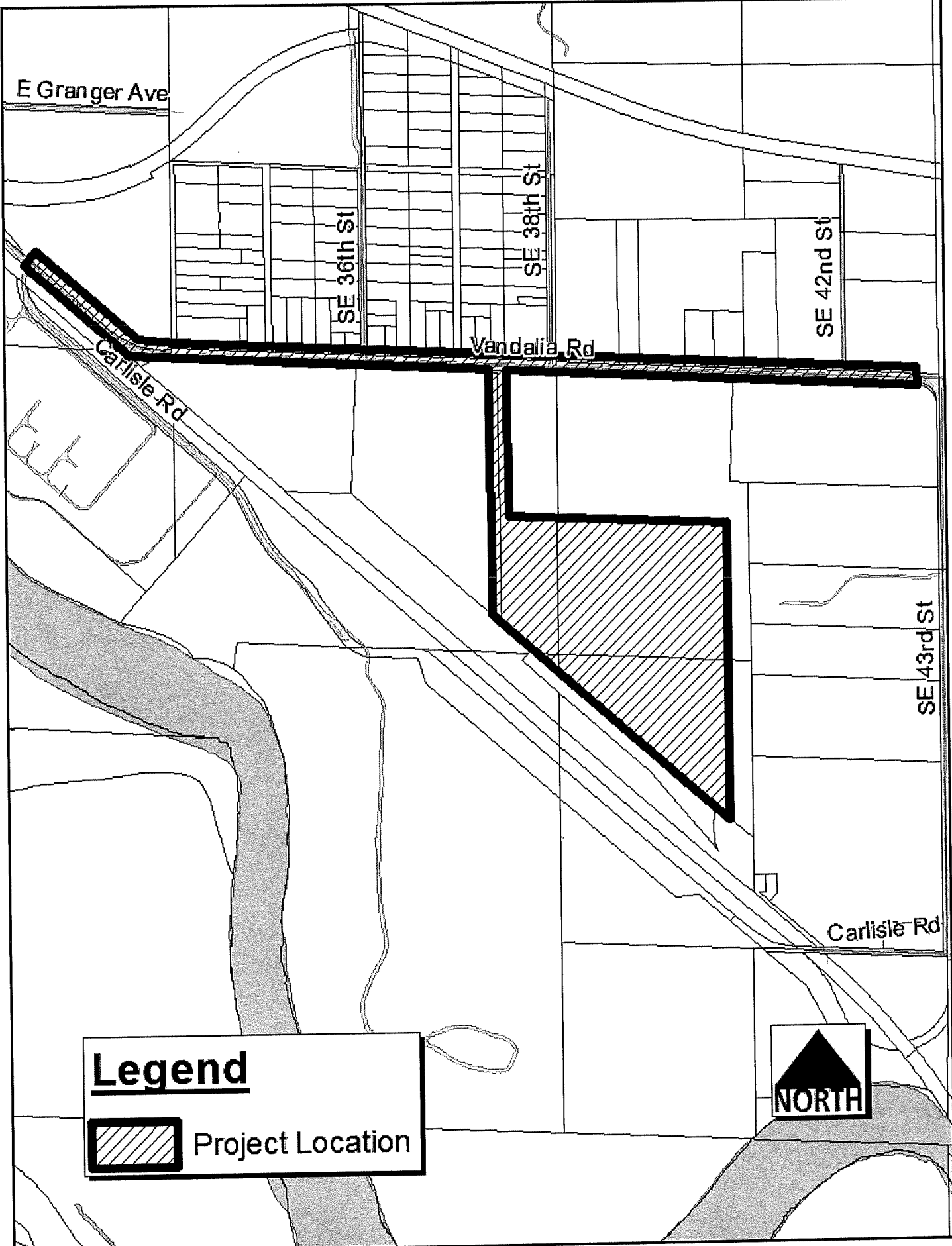
APPROVED

Mayor

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.

City Clerk





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PROJECT SUMMARY

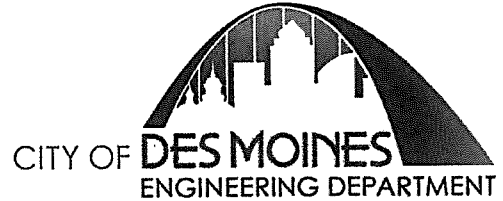
Agrimergent Storm Sewer Phase 2

Activity ID 082017008

On April 9, 2018, under Roll Call No. 18-0635, the Council awarded the contract for the above improvements to S. M. Hentges & Sons Inc., in the amount of \$2,754,041.28. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	1/29/2020 Addition of storm sewer modifications and water main night work.	\$40,453.39
2	City	3/23/2020 Quantity adjustment to the as-built quantities and the addition of driveway pavement removal, installation of concrete driveways, and planting relocation.	\$151,661.78
Original Contract Amount			\$2,754,041.28
Total Change Orders			\$192,115.17
Percent of Change Orders to Original Contract			6.98%
Total Contract Amount			\$2,946,156.45

11B



February 22, 2021

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Agrimergent Storm Sewer Phase 2, 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: \$2,946,156.45 As-Built Contract Cost

Funding Source: 2020-2021 CIP, Page Street– 58, Vandalia Road Improvements, ST268, G. O. Bonds, Being: \$566,739.51 in G.O. Bonds to be issued from ST268, \$913,706 in G.O. Bonds from ST256; \$1,422,301 in Storm Water Utility funds; and the remaining \$43,409.94 from Des Moines Water Works.

CERTIFICATION OF COMPLETION:

On April 9, 2018, under Roll Call No. 18-0635, 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:

Agrimergent Storm Sewer Phase 2, 082017008

The improvement includes installation of 54-inch storm sewer pipe from the Agrimergent Technology Park Regional Detention Basin north to Vandalia Road, associated storm sewer pipe installation, excavation, ditch grading, and roadway shouldering along the north and south side of Vandalia Road, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 592-172/253, located on Agrimergent Technology Park permanent storm sewer easement and the north and south side of Vandalia Road from Carlisle Road to S.E. 43rd Street, Des Moines, Iowa

I hereby certify that the construction of said Agrimergent Storm Sewer Phase 2, Activity ID 082017008, 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 October 22, 2018, and was completed on February 11, 2021.

I further certify that \$2,946,156.45 is the total cost of said improvement, of which \$2,946,156.45 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 \$0.00 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 5/16/2020 to 1/21/2021
PARTIAL PAYMENT NO. 8 (FINAL)

CITY OF DES MOINES
PROJECT: AGRIMERGENT STORM SEWER PHASE 2
CONTRACTOR: S.M. HENTGES & SONS INC.

ACTIVITY ID 08-2017-008
DATE: 1/21/2021

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	EXCAVATION, CLASS 10, WASTE	CY	142,178.000	142,178.000	142,178.000	\$4.76	\$676,767.28
2	TOPSOIL, ON-SITE	CY	19,300.000	19,300.000	19,300.000	\$2.00	\$38,600.00
3	EARTH SHOULDER FINISHING	STA	120.000	120.000	120.000	\$508.00	\$60,960.00
4	GRANULAR SHOULDER, TYPE A	TON	4,325.000	4,325.000	4,325.000	\$18.00	\$77,850.00
5	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	1,010.000	1,347.000	1,347.000	\$23.00	\$30,981.00
6	STORM SEWER, TRENCHED, 18 IN.	LF	276.000	276.000	276.000	\$45.00	\$12,420.00
7	STORM SEWER, TRENCHED, 24 IN.	LF	407.000	407.000	407.000	\$55.00	\$22,385.00
8	STORM SEWER, TRENCHED, 30 IN.	LF	839.000	839.000	839.000	\$80.00	\$67,120.00
9	STORM SEWER, TRENCHED, 48 IN.	LF	486.000	510.000	510.000	\$135.00	\$68,850.00
10	STORM SEWER, TRENCHED, 54 IN.	LF	1,338.000	1,338.000	1,338.000	\$160.00	\$214,080.00
11	STORM SEWER, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	577.000	595.000	595.000	\$115.00	\$68,425.00
12	STORM SEWER, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	59.000	74.000	74.000	\$138.00	\$10,212.00
13	STORM SEWER, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	372.000	372.000	372.000	\$230.00	\$85,560.00
14	STORM SEWER, TRENCHLESS, EPOXY COATED STEEL CASING PIPE, 16 IN.	LF	531.000	531.000	531.000	\$310.00	\$164,610.00
15	STORM SEWER, TRENCHLESS, EPOXY COATED STEEL CASING PIPE, 30 IN.	LF	173.000	197.000	197.000	\$422.00	\$83,134.00
16	PIPE APRON, CONCRETE, 15 IN. DIA.	EACH	2.000	2.000	2.000	\$2,000.00	\$4,000.00
17	PIPE APRON, CONCRETE, 54 IN. DIA.	EACH	1.000	1.000	1.000	\$6,000.00	\$6,000.00
18	WATER MAIN ALTERATION NO. 1	LS	1.000	2.000	2.000	\$10,000.00	\$20,000.00
19	WATER MAIN ALTERATION NO. 2	LS	1.000	1.000	1.000	\$10,000.00	\$10,000.00
20	WATER MAIN ALTERATION NO. 3	LS	1.000	1.000	1.000	\$10,000.00	\$10,000.00
21	WATER MAIN ALTERATION NO. 4	LS	1.000	1.000	1.000	\$10,000.00	\$10,000.00
22	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	2.000	2.000	2.000	\$4,175.00	\$8,350.00
23	MANHOLE, STORM SEWER, SW-401, 60 IN.	EACH	1.000	1.000	1.000	\$5,730.00	\$5,730.00
24	MANHOLE, STORM SEWER, SW-401, 72 IN.	EACH	2.000	2.000	2.000	\$6,942.00	\$13,884.00
25	MANHOLE, STORM SEWER, SW-401, 84 IN.	EACH	2.000	2.000	2.000	\$9,661.00	\$19,322.00
26	MANHOLE, STORM SEWER, SW-404, 8'X8' DP	EACH	2.000	2.000	2.000	\$35,877.00	\$71,754.00
27	INTAKE, SW-505, CUSTOM	EACH	1.000	1.000	1.000	\$8,658.00	\$8,658.00
28	INTAKE, SW-511	EACH	24.000	24.000	24.000	\$7,932.00	\$190,368.00
29	HEADWALL, CONCRETE, TWIN 36 IN. DIP	LS	1.000	0.000	0.000	\$12,915.00	\$0.00
30	FULL DEPTH PATCHES, PCC	SY	677.000	677.000	677.000	\$125.00	\$84,625.00
31	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$16,320.00	\$16,320.00
32	REGULATORY SIGNS	LS	1.000	1.000	1.000	\$4,080.00	\$4,080.00
33	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND FERTILIZING (TYPE	ACRE	24.400	24.400	24.400	\$2,295.00	\$55,998.00
34	PLANTS	LS	1.000	1.000	1.000	\$24,114.00	\$24,114.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
35	STORMWATER POLLUTION PREVENTION PLAN	LS	1.000	1.000	1.000	\$5,100.00	\$5,100.00
36	FILTER SOCK, 6 INCH	LF	900.000	900.000	900.000	\$2.05	\$1,845.00
37	FILTER SOCK, REMOVAL	LF	900.000	900.000	900.000	\$0.50	\$450.00
38	RIP RAP, TYPE E	TON	775.000	775.000	775.000	\$61.00	\$47,275.00
39	STABILIZED CONSTRUCTION ENTRANCE	SY	167.000	167.000	167.000	\$14.00	\$2,338.00
40	FENCE, REMOVE AND REINSTALL CHAIN LINK, 84 INCH	LF	1,722.000	2,590.000	2,590.000	\$18.00	\$46,620.00
41	TEMPORARY FENCE, CHAIN LINK, 84 INCH	LF	1,278.000	2,495.000	2,495.000	\$8.00	\$19,960.00
42	MOBILIZATION	LS	1.000	1.000	1.000	\$430,000.00	\$430,000.00
43	CONCRETE WASHOUT	LS	1.000	1.000	1.000	\$1,500.00	\$1,500.00
44	ANODE FIELD REPLACEMENT	EACH	3.000	1.000	1.000	\$500.00	\$500.00
1.01	WATER MAINS, NIGHT WORK	LS	0.000	1.000	1.000	\$3,409.94	\$3,409.94
1.02	ADDITIONAL INTAKE	LS	0.000	1.000	1.000	\$8,305.00	\$8,305.00
1.03	BORING, 10' PIPE SECTIONS	LS	0.000	1.000	1.000	\$44,794.08	\$44,794.08
2.01	8" PCC DRIVEWAY	SY	0.000	1,095.000	1,095.000	\$63.77	\$69,828.15
2.02	DRIVEWAY PAVEMENT REMOVAL	SY	0.000	1,195.000	1,195.000	\$13.20	\$15,774.00
2.03	RELOCATE PLANTINGS	LS	0.000	1.000	1.000	\$1,100.00	\$1,100.00
2.04	MOBILIZATION FOR DRIVEWAYS	EACH	0.000	2.000	2.000	\$1,100.00	\$2,200.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$2,946,156.45				
PARTIAL PAYMENT NO. 1			\$274,868.88				
PARTIAL PAYMENT NO. 2			\$1,074,397.24				
PARTIAL PAYMENT NO. 3			\$695,715.85				
PARTIAL PAYMENT NO. 4			\$328,385.93				
PARTIAL PAYMENT NO. 5			\$280,213.49				
PARTIAL PAYMENT NO. 6			\$204,190.37				
PARTIAL PAYMENT NO. 7			\$88,384.69				
THIS PARTIAL PAYMENT NO. 8 (FINAL)			\$0.00				
TOTAL PARTIAL PAYMENTS			\$2,946,156.45				
BALANCE			\$0.00				

PREPARED BY: *JM BL*

CHECKED BY: *D-K*

TOTAL	\$2,946,156.45
RETAINAGE	\$0.00
TOTAL LESS RETAINAGE	\$2,946,156.45
LESS PREVIOUS PAYMENT	\$2,946,156.45
AMOUNT DUE	\$0.00

PARTIAL PAYMENT NO. 8 (FINAL)