



**Roll Call Number**

**Agenda Item Number**

15B

DATE May 4, 2020

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR LEETOWN CREEKWAY BOX CULVERT FROM DEAN AVENUE TO UNIVERSITY AVENUE,  
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 Leetown Creekway Box Culvert from Dean Avenue to University Avenue, 08-2017-001, 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. 17-1614, of September 11, 2017, 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 \$8,016,739.39 is the total cost, of which \$7,776,237.21 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 \$240,502.18 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 Interim Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED:

*SLN*  
\_\_\_\_\_  
Kathleen Vanderpool  
Deputy City Attorney

FUNDS AVAILABLE  
  
\_\_\_\_\_  
Nickolas J. Schaul  
Interim Des Moines Finance Director

Funding Source: 2019-2020 CIP, Page Storm – 10, Leetown Creekway - Outlet Improvements, SM075, Being: \$7,845,345.39 of Stormwater Funds and Storm Revenue Bonds to be issued, with specific amounts to be determined; \$146,354 from the Iowa State Fair; and the remaining \$25,040 from Des Moines Water Works

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

MOTION CARRIED APPROVED

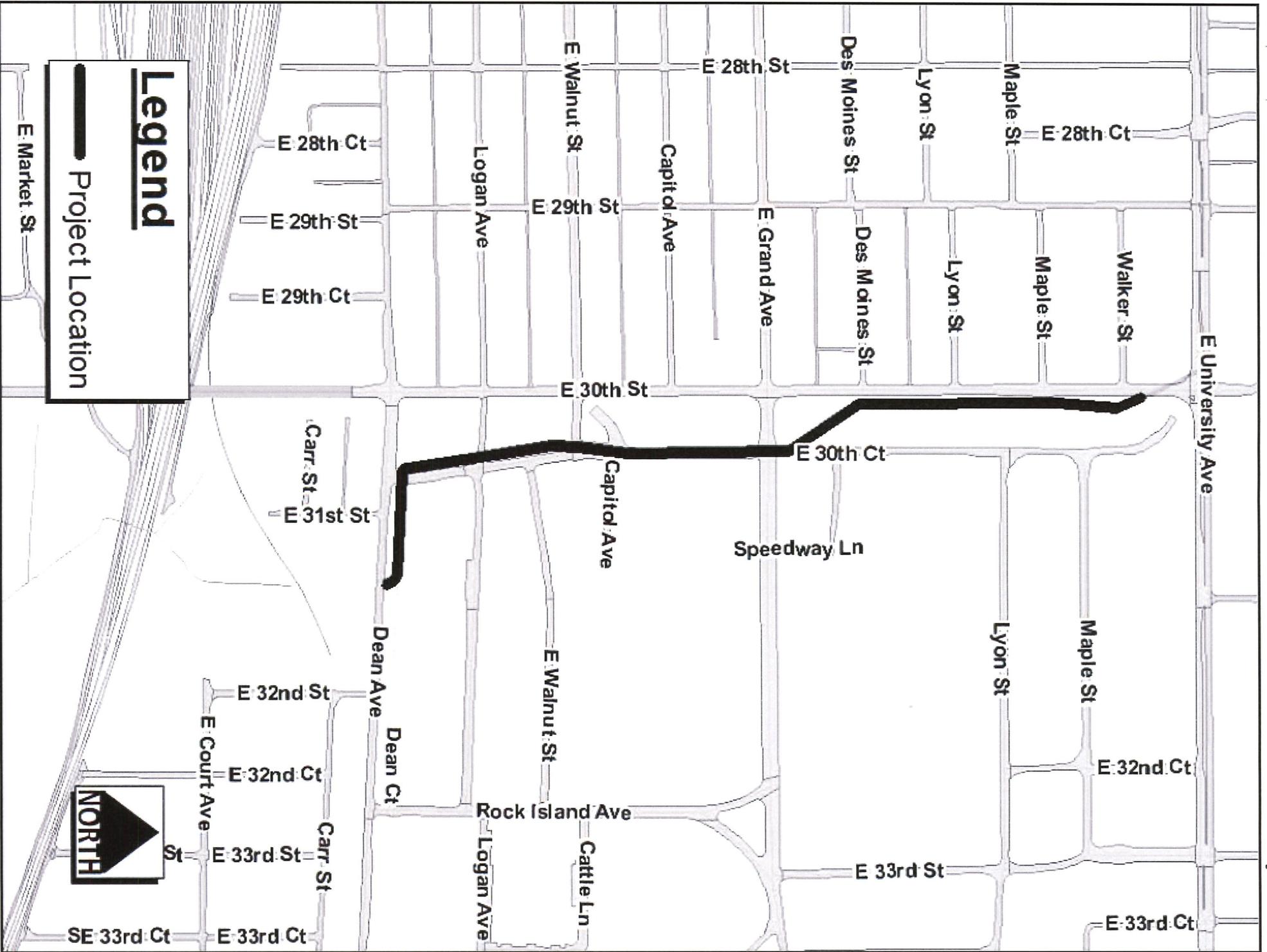
\_\_\_\_\_  
Mayor

**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

Leetown Creekway Box Culvert from Dean Avenue to University Avenue

Activity ID 08-2017-001

On September 11, 2017, under Roll Call No. 17-1614, the Council awarded the contract for the above improvements to S. M. Hentges & Sons Inc., in the amount of \$7,795,330.07. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	1/3/2018 Remove and replace 24" sanitary sewer and manhole.	\$24,000.00
2		2/21/2018 Modify electric and communication relocation work to minimize downtime of service.	\$15,467.19
3	City	5/31/2018 Core out and replace unsuitable material, install water service, and extend height of intakes.	\$21,792.89
4	Engineering	6/29/2018 Add HMA pavement to restore distured areas and install a new water service line for a yard hydrant.	\$46,562.96
5	Engineering	11/19/2018 Adjust plan quantity to as-built quantity.	\$46,902.65
6	Engineering	1/30/2019 Install 4'x4' RCB storm sewer under Dean Avenue.	\$45,775.00
7	Engineering	4/29/2019 Construct junction box connecting new box culvert to existing culvert.	\$44,668.34
8	Engineering	1/29/2020 Adjust plan quantities to final as-built quantities.	\$(23,759.71)
		<b>Original Contract Amount</b>	\$7,795,330.07
		<b>Total Change Orders</b>	\$221,409.32
		<b>Percent of Change Orders to Original Contract</b>	2.84%
		<b>Total Contract Amount</b>	\$8,016,739.39

May 4, 2020



**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Leetown Creekway Box Culvert from Dean Avenue to University Avenue, 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: \$8,016,739.39 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Storm – 10, Leetown Creekway - Outlet Improvements, SM075, Being: \$7,845,345.39 of Stormwater Funds and Storm Revenue Bonds to be issued, with specific amounts to be determined; \$146,354 from the Iowa State Fair; and the remaining \$25,040 from Des Moines Water Works

**CERTIFICATION OF COMPLETION:**

On September 11, 2017, under Roll Call No. 17-1614, 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:

Leetown Creekway Box Culvert from Dean Avenue to University Avenue, 08-2017-001

The improvement includes constructing new Reinforced Concrete Box (RCB) storm sewer sizes 6 feet x 6 feet, 12 feet x 5 feet, and 12 feet x 7 feet, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches to 48-inches, precast manholes and intakes, cast-in-place manholes, Ductile Iron (DI) sanitary sewer sizes 10-inches to 24-inches, Poly Vinyl Chloride (PVC) storm and sanitary sewer, PVC water main, DI water main, 6-inch, 8-inch, and 10-inch Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, pavement markings, earthwork and grading, erosion control, fencing, and restoration and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 587-001/122, located just east of E. 30th Street from E. University Avenue to Dean Avenue, Des Moines, Iowa

I hereby certify that the construction of said Leetown Creekway Box Culvert from Dean Avenue to University Avenue, Activity ID 08-2017-001, 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 27, 2017, and was completed on April 22, 2020.

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I further certify that \$8,016,739.39 is the total cost of said improvement, of which \$7,776,237.21 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 \$240,502.18 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 10/9/2017 to 2/12/2020  
PARTIAL PAYMENT NO. 21 (FINAL PAYMENT)**

**PROJECT: LEETOWN CREEKWAY BOX CULVERT FROM DEAN AVE TO UNIVERSITY AVE  
CONTRACTOR: S.M. HENTGES & SONS**

**Activity ID: 08-2017-001  
Date: 2/12/2020**

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Traffic Control	LS	1.000	1.000	1.000	\$17,400.00	\$17,400.00
2	Clearing and Grubbing	UNITS	678.300	678.300	678.300	\$23.50	\$15,940.05
3	Excavation, Class 10	CY	2,350.000	2,350.000	2,350.000	\$30.30	\$71,205.00
4	Topsoil, Off-Site	CY	700.000	350.000	350.000	\$50.00	\$17,500.00
5	Subgrade Preparation	SY	8,890.000	8,976.300	8,976.300	\$2.00	\$17,952.60
6	Modified Subbase	SY	5,054.000	5,054.000	5,054.000	\$18.60	\$94,004.40
7	Trench Foundation	TONS	500.000	0.000	0.000	\$29.00	\$0.00
8	Concrete Pipe Encasement	LF	50.000	0.000	0.000	\$346.00	\$0.00
9	Ductile Iron (D.I.) Sanitary Sewer, 10"	LF	44.000	34.000	34.000	\$478.00	\$16,252.00
10	Ductile Iron (D.I.) Sanitary Sewer, 12"	LF	30.000	0.000	0.000	\$526.00	\$0.00
11	Ductile Iron (D.I.) Sanitary Sewer, 16"	LF	77.000	38.000	38.000	\$437.00	\$16,606.00
12	Ductile Iron (D.I.) Sanitary Sewer, 24", Trenchless	LF	65.000	65.000	65.000	\$1,481.00	\$96,265.00
13	Solid Wall PVC Sanitary Sewer, 8"	LF	295.000	319.000	319.000	\$50.00	\$15,950.00
14	Solid Wall PVC Sanitary Sewer, 24"	LF	1,214.000	1,214.000	1,214.000	\$352.00	\$427,328.00
15	Reinforced Concrete Pipe (RCP), 15"	LF	24.000	24.000	24.000	\$59.00	\$1,416.00
16	Reinforced Concrete Pipe (RCP), 18"	LF	956.000	987.000	987.000	\$54.00	\$53,298.00
17	Reinforced Concrete Pipe (RCP), 24"	LF	20.000	0.000	0.000	\$82.00	\$0.00
18	Reinforced Concrete Pipe (RCP), 30"	LF	25.000	30.000	30.000	\$114.00	\$3,420.00
19	Reinforced Concrete Pipe (RCP), 48"	LF	79.000	79.000	79.000	\$186.00	\$14,694.00
20	Reinforced Concrete Arch Pipe (RCAP), 58"x36"	LF	6.000	6.000	6.000	\$343.00	\$2,058.00
21	PVC Storm Sewer, 10"	LF	20.000	20.000	20.000	\$68.00	\$1,360.00
22	PVC Subdrain, 6"	LF	327.000	355.000	355.000	\$21.00	\$7,455.00
23	PVC Subdrain, 12"	LF	27.000	27.000	27.000	\$41.00	\$1,107.00
24	Reinforced Concrete Box (RCB) Culvert, 6'x6'	LF	258.000	252.000	252.000	\$508.00	\$128,016.00
25	Reinforced Concrete Box (RCB) Culvert, 12'x5'	LF	3,418.000	3,490.000	3,490.000	\$769.50	\$2,685,555.00
26	Reinforced Concrete Box (RCB) Culvert, 12'x7'	LF	107.000	73.000	73.000	\$1,066.00	\$77,818.00
27	RCB Connection Collar	EA	1.000	1.000	1.000	\$31,900.00	\$31,900.00
28	12x7 RCB Plug	EA	1.000	1.000	1.000	\$3,215.00	\$3,215.00
29	RCB Special Jointing	EA	6.000	0.000	0.000	\$631.00	\$0.00
30	Removal of Sewer, 8"	LF	100.000	30.000	30.000	\$12.00	\$360.00
31	Removal of Sewer, 10"	LF	45.000	52.500	52.500	\$12.00	\$630.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
32	Removal of Sewer, 12"	LF	55.000	16.000	16.000	\$12.00	\$192.00
33	Removal of Sewer, 15"	LF	68.000	176.000	176.000	\$12.00	\$2,112.00
34	Removal of Sewer, 18"	LF	1,001.000	32.000	32.000	\$12.00	\$384.00
35	Removal of Sewer, 24"	LF	1,280.000	984.000	984.000	\$12.00	\$11,808.00
36	Removal of Sewer, 48"	LF	220.000	50.000	50.000	\$30.00	\$1,500.00
37	Removal of Box Culvert	LF	290.000	219.000	219.000	\$92.00	\$20,148.00
38	Removal of Dean Avenue Culvert	LS	1.000	1.000	1.000	\$32,700.00	\$32,700.00
39	Sewer Abandonment	CY	30.000	4.000	4.000	\$208.00	\$832.00
40	Water Main, PVC, 8"	LF	645.000	821.000	821.000	\$45.00	\$36,945.00
41	Water Main, PVC, 10"	LF	22.000	19.000	19.000	\$70.00	\$1,330.00
42	Water Main Relocate, STA. 32+52 (Elwell Center)	LS	1.000	1.000	1.000	\$25,650.00	\$25,650.00
43	Water Main Relocate, STA. 40+15 (Logan Avenue)	LS	1.000	1.000	1.000	\$25,050.00	\$25,050.00
44	Water Main Relocate, Sta. 48+56 (Dean Avenue)	LS	1.000	1.000	1.000	\$25,040.00	\$25,040.00
45	Fittings	LBS	880.000	880.000	880.000	\$10.60	\$9,328.00
46	Water Service Stub, Copper	EA	1.000	1.000	1.000	\$2,310.00	\$2,310.00
47	Removal of Water Main	LF	260.000	154.000	154.000	\$12.00	\$1,848.00
48	Valve, Gate, 8"	EA	7.000	6.000	6.000	\$1,560.00	\$9,360.00
49	Valve, Gate 10"	EA	1.000	1.000	1.000	\$2,000.00	\$2,000.00
50	Fire Hydrant Assembly	EA	1.000	2.000	2.000	\$4,600.00	\$9,200.00
51	Remove Existing Fire Hydrant	EA	1.000	1.000	1.000	\$610.00	\$610.00
52	Relocate Existing Fire Hydrant	EA	1.000	1.000	1.000	\$2,515.00	\$2,515.00
53	Relocate Service Hydrant	EA	1.000	1.000	1.000	\$4,015.00	\$4,015.00
54	Manhole, SW-301, 48" I.D.	EA	2.000	2.000	2.000	\$5,150.00	\$10,300.00
55	Manhole, SW-303, 48" I.D.	EA	4.000	4.000	4.000	\$6,300.00	\$25,200.00
56	Manhole, SW-303, 60" I.D.	EA	1.000	1.000	1.000	\$9,540.00	\$9,540.00
57	Manhole, Nyoplast	EA	2.000	1.000	1.000	\$1,160.00	\$1,160.00
58	Manhole, SW-401, 48" I.D.	EA	1.000	1.000	1.000	\$2,750.00	\$2,750.00
59	Manhole, SW-401, 60" I.D.	EA	1.000	1.000	1.000	\$4,400.00	\$4,400.00
60	Manhole, SW-401, 72" I.D.	EA	1.000	1.000	1.000	\$31,070.00	\$31,070.00
61	Manhole, SW-401, 96" I.D.	EA	1.000	1.000	1.000	\$7,000.00	\$7,000.00
62	Manhole, SW-405, Modified	EA	10.000	9.000	9.000	\$3,313.00	\$29,817.00
63	Junction Box #1	LS	1.000	1.000	1.000	\$559,500.00	\$559,500.00
64	Junction Box #2	LS	1.000	1.000	1.000	\$192,000.00	\$192,000.00
65	Junction Box #3	LS	1.000	1.000	1.000	\$138,260.00	\$138,260.00
66	Junction Box #4	LS	1.000	0.000	0.000	\$119,400.00	\$0.00
67	Junction Box #5	LS	1.000	1.000	1.000	\$160,500.00	\$160,500.00
68	Junction Box #6	LS	1.000	1.000	1.000	\$165,800.00	\$165,800.00
69	Intake, SW-501	EA	3.000	3.000	3.000	\$2,400.00	\$7,200.00
70	Intake, SW-503	EA	-1.000	1.000	1.000	\$4,300.00	\$4,300.00
71	Intake, SW-505	EA	8.000	8.000	8.000	\$4,460.00	\$35,680.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
72	Intake, SW-511	EA	4.000	7.000	7.000	\$2,300.00	\$16,100.00
73	Intake, SW-512	EA	1.000	0.000	0.000	\$1,710.00	\$0.00
74	Manhole Adjustment, Minor	EA	2.000	0.000	0.000	\$1,050.00	\$0.00
75	Intake Adjustment, Minor	EA	2.000	0.000	0.000	\$1,065.00	\$0.00
76	Remove Manhole or Intake	EA	16.000	8.000	8.000	\$705.00	\$5,640.00
77	Composite Pavement	SY	277.000	383.100	383.100	\$146.00	\$55,932.60
78	PCC Pavement, 8" (Fully Reinforced)	SY	4,603.000	4,981.000	4,981.000	\$59.00	\$293,879.00
79	PCC Pavement, 10" (Fully Reinforced)	SY	875.000	875.000	875.000	\$73.50	\$64,312.50
80	Curb and Gutter, 3.0', 8" (Sloped Curb)	LF	2,347.000	2,214.000	2,214.000	\$32.60	\$72,176.40
81	PCC Pavement, 8" Integral Color (Fully Reinforced)	SY	268.000	268.000	268.000	\$98.00	\$26,264.00
82	PCC Pavement, 8" (Joint Reinforced)	SY	1,404.000	1,404.000	1,404.000	\$55.00	\$77,220.00
83	Sidewalk and Driveway Removal	SY	1,749.000	2,575.000	2,575.000	\$2.00	\$5,150.00
84	PCC Sidewalk, 6"	SY	1,719.000	1,719.000	1,719.000	\$44.00	\$75,636.00
85	Driveway, PCC, 8"	SY	856.000	928.000	928.000	\$50.00	\$46,400.00
86	Granular Surfacing, Class A Crushed Stone	TON	100.000	2,136.710	2,136.710	\$24.00	\$51,281.04
87	PCC Pavement Removal	SY	4,632.000	4,856.000	4,856.000	\$6.20	\$30,107.20
88	HMA Pavement Removal	SY	10,700.000	9,963.000	9,963.000	\$9.20	\$91,659.60
89	Permeable Interlocking Pavers	SY	340.000	340.000	340.000	\$163.00	\$55,420.00
90	Painted Pavement Markings, Solvent/Waterborne	STA	18.720	18.720	18.720	\$196.00	\$3,669.12
91	Pavement Markings, Durable Paint	STA	2.000	2.000	2.000	\$868.00	\$1,736.00
92	Seeding, Fertilizing, Mulching for Hydraulic Seeding (Type 1)	ACRE	6.300	11.080	11.080	\$3,061.00	\$33,915.88
93	Seeding, Fertilizing, Mulching for Hydraulic Seeding (Type 4)	ACRE	2.000	2.000	2.000	\$1,429.00	\$2,858.00
94	Sodding	SQ	183.500	183.500	183.500	\$61.00	\$11,193.50
95	Plants	LS	1.000	1.000	1.000	\$10,840.00	\$10,840.00
96	Brick Chips, 3/4"	CY	17.000	24.000	24.000	\$173.00	\$4,152.00
97	Stormwater Pollution Prevention	LS	1.000	1.000	1.000	\$8,700.00	\$8,700.00
98	Filter Socks	LF	1,000.000	440.000	440.000	\$1.75	\$770.00
99	Removal of Filter Socks	LF	1,000.000	400.000	400.000	\$0.30	\$120.00
100	Chain Link Fence, 96", 1.25" Mesh, Black Vinyl	LF	2,131.000	2,140.000	2,140.000	\$31.60	\$67,624.00
101	Gates, Chain Link, 96", 1.25" Mesh, Black Vinyl, 14.0'	EA	2.000	2.000	2.000	\$1,330.00	\$2,660.00
102	Barbed Wire, Angled Arm	LF	2,131.000	2,140.000	2,140.000	\$1.50	\$3,210.00
103	Removal and Reinstallation of Existing Fence	LF	160.000	368.000	368.000	\$13.30	\$4,894.40
104	Removal of Chain Link Fence w/ Footing	LF	2,131.000	2,140.000	2,140.000	\$4.10	\$8,774.00
105	Temporary Fence, Chain Link, 96"	LF	3,000.000	4,563.000	4,563.000	\$5.60	\$25,552.80
106	Fence Mow Strip, PCC	SY	235.000	235.000	235.000	\$106.00	\$24,910.00
107	PCC Retaining Wall	CY	16.000	24.000	24.000	\$667.00	\$16,008.00
108	Handrail, 42"	LF	88.700	20.000	20.000	\$122.00	\$2,440.00
109	Uniformed Police Officer	EACH	10.000	0.000	0.000	\$550.00	\$0.00
110	Tree Protection Fence	LF	1,000.000	0.000	0.000	\$3.10	\$0.00
111	Electrical Work	LS	1.000	1.000	1.000	\$370,840.00	\$370,840.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
112	Subsurface Utility Locates	LS	1.000	1.000	1.000	\$27,115.00	\$27,115.00
113	Remove and Replace Mast Arm, Sign. & Foundation	LS	1.000	1.000	1.000	\$5,930.00	\$5,930.00
114	Mobilization	LS	1.000	1.000	1.000	\$636,040.00	\$636,040.00
1.01	Remove & Replace 24" Sanitary Sewer (SS-07 to NEF060) and Manhole (NEF060)	LS	0.000	1.000	1.000	\$24,000.00	\$24,000.00
2.01	Relocate Handhole #43	LS	0.000	1.000	1.000	\$745.51	\$745.51
2.02	Install 2" conduit from Handhole #21	LS	0.000	1.000	1.000	\$496.12	\$496.12
2.03	Relocate Overhead Electric Pole	LS	0.000	1.000	1.000	\$1,102.50	\$1,102.50
2.04	Handhole #08A Relocation	LS	0.000	1.000	1.000	\$13,123.06	\$13,123.06
3.01	Extend Height of Intakes	LS	0.000	1.000	1.000	\$3,832.73	\$3,832.73
3.02	Yard Hydrant Waterline	LS	0.000	1.000	1.000	\$5,326.13	\$5,326.13
3.03	Cast Iron Nosings for Steps	LS	0.000	1.000	1.000	\$2,447.55	\$2,447.55
3.04	Core Out at 4H Parking Lot	LS	0.000	1.000	1.000	\$9,133.90	\$9,133.90
3.05	Water Service Line, Elwell Parking Lot	LS	0.000	1.000	1.000	\$1,052.58	\$1,052.58
4.01	HMA Pavement, 5.5" Thick	SY	0.000	1,964.700	1,964.700	\$49.50	\$97,252.65
4.02	Yard Hydrant Connection at Logan and SE 31st	LS	0.000	1.000	1.000	\$2,012.96	\$2,012.96
6.01	4'x4' RCB Plugs	EACH	0.000	2,000	2,000	\$2,700.00	\$5,400.00
6.02	Reinforced Concrete Box (RCB) Culvert, 4'x4'	LF	0.000	52,000	52,000	\$475.00	\$24,700.00
7.01	Modified Junction Box Connection in Dean Avenue	LS	0.000	1.000	1.000	\$44,668.34	\$44,668.34
8.01	Modified Manhole at Lyon Street for unmapped pipe	LS	0.000	1.000	1.000	\$8,492.01	\$8,492.01
8.02	Core in Box Culvert behind 4H for unmapped pipe	LS	0.000	1.000	1.000	\$1,653.75	\$1,653.75
8.03	Waterstop for Cast in Place Structures	LF	0.000	750,000	750,000	\$6.00	\$4,500.00
8.04	Side Dig Due to inability to access Feed Energy Property	LS	0.000	1.000	1.000	\$10,000.00	\$10,000.00
8.05	Bypass Pumping due to elimination of Junction Box #4	LS	0.000	1.000	1.000	\$16,489.21	\$16,489.21
8.06	Modify Height of Structure #36	LS	0.000	1.000	1.000	\$3,946.95	\$3,946.95
8.07	HMA Overlay, 2"	SY	0.000	50,000	50,000	\$75.00	\$3,750.00
8.08	4x4 RCB Culvert, Material Only, Not Installed	LF	0.000	32,000	32,000	\$343.00	\$10,976.00
8.09	12x7 RCB Culvert, Material Only, Not Installed	LF	0.000	42,000	42,000	\$710.00	\$29,820.00
8.10	Build Weir Wall in Junction Box #1	LS	0.000	1.000	1.000	\$5,803.35	\$5,803.35
8.11	Remove and Replace Brick Pavers	LS	0.000	1.000	1.000	\$7,824.00	\$7,824.00
8.12	Junction Box #4, Rebar	LBS	0.000	12,000,000	12,000,000	\$0.75	\$9,000.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$8,016,739.39				
	PARTIAL PAYMENT #1		\$72,577.92				
	PARTIAL PAYMENT #2		\$755,715.19				
	PARTIAL PAYMENT #3		\$696,281.21				
	PARTIAL PAYMENT #4		\$717,752.53				
	PARTIAL PAYMENT #5		\$1,198,162.78				
	PARTIAL PAYMENT #6		\$885,814.75				
	PARTIAL PAYMENT #7		\$250,669.68				
	PARTIAL PAYMENT #8		\$368,592.11				
	PARTIAL PAYMENT #9		\$628,073.46				
	PARTIAL PAYMENT #10		\$137,913.56				
	PARTIAL PAYMENT #11		\$11,867.62				
	PARTIAL PAYMENT #12		\$242,910.11				
	PARTIAL PAYMENT #13		\$235,218.21				
	PARTIAL PAYMENT #14		\$290,820.55				
	PARTIAL PAYMENT #15		\$313,349.77				
	PARTIAL PAYMENT #16		\$358,005.51				
	PARTIAL PAYMENT #17		\$384,021.81				
	PARTIAL PAYMENT #18		\$58,990.55				
	PARTIAL PAYMENT #19		\$129,472.36				
	PARTIAL PAYMENT #20		\$40,027.53				
	THIS FINAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$7,776,237.21				
	BALANCE		\$240,502.18				

TOTAL	\$8,016,739.39
RETAINAGE	\$240,502.18
TOTAL LESS RETAINAGE	\$7,776,237.21
LESS PREVIOUS PAYMENT	\$7,776,237.21
AMOUNT DUE	\$0.00

PREPARED BY: Mark Kahl

CHECKED BY: Bud B...

CONTRACTOR AGREEMENT: John Klein

PARTIAL PAYMENT NO. 21 (FINAL PAYMENT)