



Roll Call Number

Agenda Item Number

12B

DATE April 18, 2022

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR RIVER BEND AND KING IRVING SEWER SEPARATION PHASE 2A, JASPER CONSTRUCTION SERVICES, 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 River Bend and King Irving Sewer Separation Phase 2A, 072018006, in accordance with the contract approved between Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA 50208, under Roll Call No. 18-2020, of December 3, 2018, 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 \$6,636,433.67 is the total cost, of which \$6,614,953.67 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 \$21,480.00 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 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:

sl Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Nickolas J. Schaul
Director of Finance

SLN
PW

Funding Source: 2022-23 CIP, Page 97, River Bend and King Irving Sewer Separation, SS138, Being: \$6,363,090.81 in SRF funding to be issued; and the remaining \$273,342.86 from Des Moines Water Works

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

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.

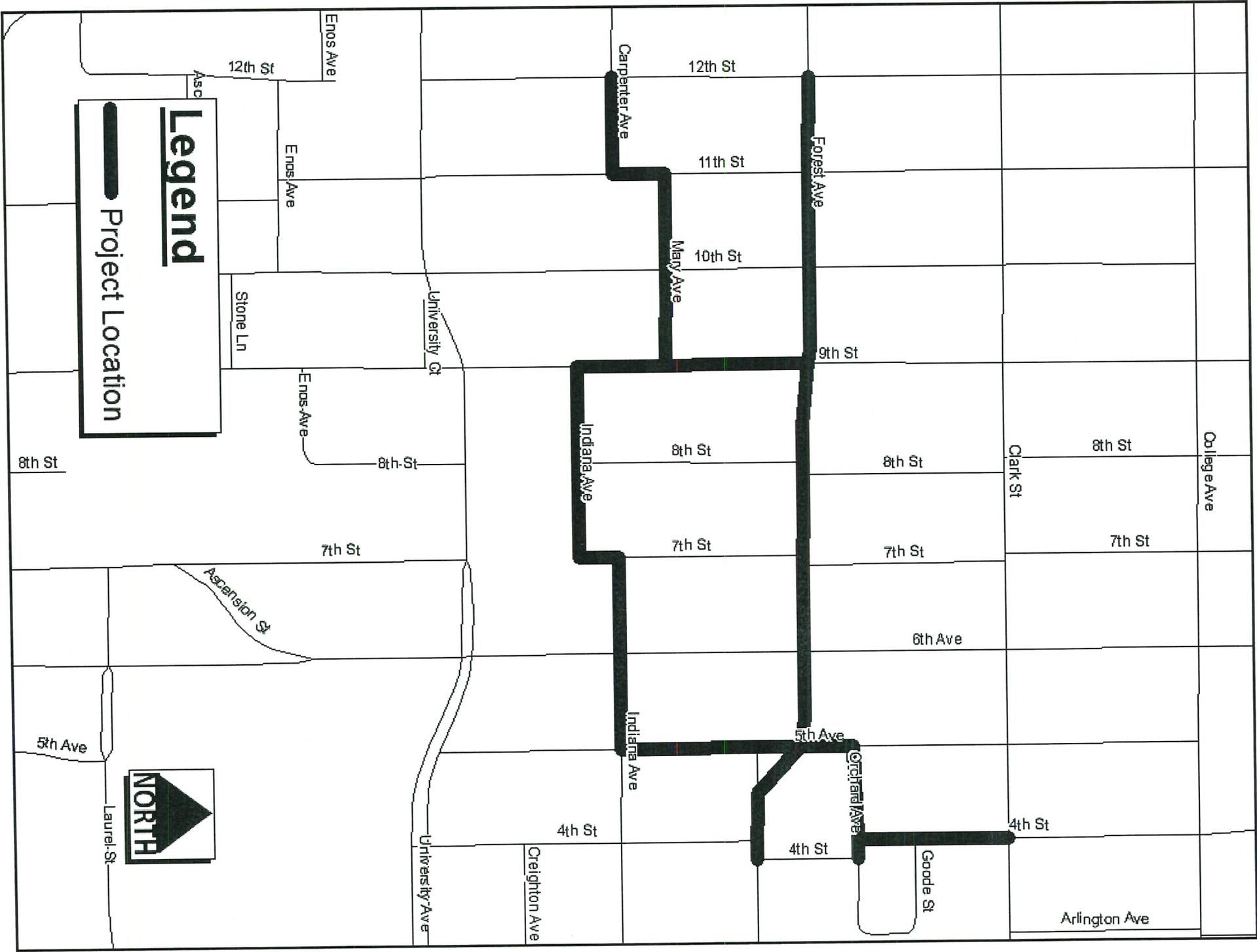
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED

Mayor

City Clerk

072018006



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PROJECT SUMMARY

River Bend and King Irving Sewer Separation Phase 2A Activity ID 072018006

On December 3, 2018, under Roll Call No. 18-2020, the Council awarded the contract for the above improvements to Jasper Construction Services, Inc., in the amount of \$6,063,930.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	2/8/2021 Quantity adjustments to the as-built quantities and the addition of miscellaneous new contract items.	\$555,030.67
2	Contractor	2/2/2022 Adjustment of quantities to the as-built quantities.	\$17,472.50
Original Contract Amount			\$6,063,930.50
Total Change Orders			\$572,503.17
Percent of Change Orders to Original Contract			9.44%
Total Contract Amount			\$6,636,433.67

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April 18, 2022

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the River Bend and King Irving Sewer Separation Phase 2A, Jasper Construction Services, Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$6,636,433.67 As-Built Contract Cost

Funding Source: 2022-23 CIP, Page 97, River Bend and King Irving Sewer Separation, SS138, Being: \$6,363,090.81 in SRF funding to be issued; and the remaining \$273,342.86 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

On December 3, 2018, under Roll Call No. 18-2020, the City Council awarded a contract to Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA 50208 for the construction of the following improvement:

River Bend and King Irving Sewer Separation Phase 2A, 072018006

The improvement includes approximately 8,363 feet of 15-inch through 36-inch storm sewer in open cut, approximately 175 feet of 18-inch through 30-inch storm sewer in trenchless construction, manholes, special structures, sanitary sewer, water main relocation, pavement removal, Portland Cement Concrete (PCC) curb and gutter, PCC pavement, Hot Mix Asphalt (HMA) pavement, permeable pavers and green infrastructure elements, traffic control, erosion control and miscellaneous associated work, including cleanup; all in accordance with the contract documents, including Plan File No. 600/001-223, located along 4th Street from Clark Street to Orchard Avenue, along Orchard Avenue from 4th Street to 5th Avenue, along 5th Avenue from Orchard Avenue to Indiana Avenue, along Indiana Avenue from 5th Avenue to 8th Street, along Forest Avenue from 5th Avenue to 12th Street, along 9th Street from Forest Avenue to Indiana Avenue, along Mary Avenue from 9th Street to 11th Street, along 11th Street from Mary Avenue to Carpenter Avenue and along Carpenter Avenue from 11th Street to 12th Street, all in Des Moines, Iowa

I hereby certify that the construction of said River Bend and King Irving Sewer Separation Phase 2A, Activity ID 072018006, 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 March 26, 2019, and was completed on March 16, 2022.

I further certify that \$6,636,433.67 is the total cost of said improvement, of which \$6,614,953.67 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 \$21,480.00 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 2/5/2022 to 2/28/2022
PARTIAL PAYMENT NO. 21

CITY OF DES MOINES
PROJECT: RIVER BEND AND KING IRVING SEWER SEPARATION - PHASE 2A
CONTRACTOR: JASPER CONSTRUCTION

ACTIVITY ID 07-2018-006
DATE: 3/16/2022

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	CLEARING AND GRUBBING	UNIT	273.000	471.500	471.500	\$ 100.00	\$47,150.00
2	TOPSOIL, OFF SITE	CY	855.000	973.100	973.100	\$ 60.00	\$58,386.00
3	EXCAVATION, CLASS 10	CY	3,550.000	4,530.000	4,530.000	\$ 25.00	\$113,250.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	SY	19,250.000	18,775.000	18,775.000	\$ 6.00	\$112,650.00
5	SUBGRADE TREATMENT, FLY ASH	SY	1,000.000	0.000	0.000	\$ 15.00	\$0.00
6	SUBGRADE TREATMENT, GEOGRID	SY	1,000.000	837.000	837.000	\$ 10.00	\$8,370.00
7	SUBBASE, MODIFIED	SY	16,200.000	12,472.000	12,472.000	\$ 15.00	\$187,080.00
8	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	TONS	1,500.000	1,515.410	1,515.410	\$ 50.00	\$75,770.50
9	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 16"	LF	20.000	10.000	10.000	\$ 500.00	\$5,000.00
10	SANITARY SEWER, GRAVITY MAIN, TRENCHED, DI, 18"	LF	10.000	10.000	10.000	\$ 500.00	\$5,000.00
11	SANITARY SEWER SERVICE RELOCATION	EA	11.000	22.000	22.000	\$ 2,500.00	\$55,000.00
12	REPAIR SANITARY SEWER	EA	37.000	1.000	1.000	\$ 2,500.00	\$2,500.00
13	REMOVAL OF SANITARY SEWER, 15"	LF	20.000	20.000	20.000	\$ 30.00	\$600.00
14	REMOVAL OF SANITARY SEWER, 18"	LF	10.000	10.000	10.000	\$ 30.00	\$300.00
15	STORM SEWER, TRENCHED, RCP, CL3, 15"	LF	2,721.000	2,706.000	2,706.000	\$ 175.00	\$473,550.00
16	STORM SEWER, TRENCHED, GASKETED RCP, CL3, 15"	LF	429.000	437.000	437.000	\$ 175.00	\$76,475.00
17	STORM SEWER, TRENCHED, RCP, CL5, 15"	LF	59.000	53.000	53.000	\$ 175.00	\$9,275.00
18	STORM SEWER, TRENCHED, GASKETED RCP, CL5, 15"	LF	195.000	199.000	199.000	\$ 175.00	\$34,825.00
19	STORM SEWER, TRENCHED, RCP, CL3, 18"	LF	1,710.000	1,710.000	1,710.000	\$ 175.00	\$299,250.00
20	STORM SEWER, TRENCHED, GASKETED RCP, CL3, 18"	LF	109.000	94.000	94.000	\$ 175.00	\$16,450.00
21	STORM SEWER, TRENCHED, RCP, CL3, 24"	LF	1,010.000	1,000.000	1,000.000	\$ 175.00	\$175,000.00
22	STORM SEWER, TRENCHED, GASKETED, RCP, CL3, 24"	LF	24.000	24.000	24.000	\$ 175.00	\$4,200.00
23	STORM SEWER, TRENCHED, RCP, CL3, 30"	LF	947.000	938.000	938.000	\$ 175.00	\$164,150.00
24	STORM SEWER, TRENCHED, GASKETED, RCP, CL3, 30"	LF	26.000	26.000	26.000	\$ 175.00	\$4,550.00
25	STORM SEWER, TRENCHED, RCP, CL3, 36"	LF	964.000	964.000	964.000	\$ 175.00	\$168,700.00
26	STORM SEWER, TRENCHED, DI, CL52, 12"	LF	36.000	36.000	36.000	\$ 175.00	\$6,300.00
27	STORM SEWER, TRENCHED, DI, CL52, 14"	LF	79.000	79.000	79.000	\$ 175.00	\$13,825.00
28	STORM SEWER, TRENCHED, DI, CL52, 16"	LF	54.000	54.000	54.000	\$ 175.00	\$9,450.00
29	STORM SEWER, TRENCHLESS, JACKING PIPE, 18"	LF	92.000	92.000	92.000	\$ 500.00	\$46,000.00
30	STORM SEWER, TRENCHLESS, RCP, JACKING PIPE, 30", GASKETED	LF	83.000	92.000	92.000	\$ 500.00	\$46,000.00
31	REMOVAL OF STORM SEWER, VCP OR RCP, 6" TO 15"	LF	648.000	648.000	648.000	\$ 35.00	\$22,680.00
32	STORM SEWER ABANDONMENT, FILLED PLUG	LF	117.000	117.000	117.000	\$ 35.00	\$4,095.00
33	MANHOLE, SW 401, 48"	EA	17.000	17.000	17.000	\$ 3,500.00	\$59,500.00
34	MANHOLE, SW 401, 60"	EA	3.000	3.000	3.000	\$ 6,250.00	\$18,750.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
35	MANHOLE, SW 401, 72"	EA	5.000	5.000	5.000	\$ 7,500.00	\$37,500.00
36	MANHOLE, SW 401, 84"	EA	4.000	4.000	4.000	\$ 12,250.00	\$49,000.00
37	INTAKE, SW 501	EA	33.000	31.000	31.000	\$ 6,000.00	\$186,000.00
38	INTAKE, SW 501 MOD	EA	3.000	6.000	6.000	\$ 5,500.00	\$33,000.00
39	INTAKE, SW 502, 48"	EA	4.000	4.000	4.000	\$ 5,300.00	\$21,200.00
40	INTAKE, SW 502, 60"	EA	3.000	3.000	3.000	\$ 4,700.00	\$14,100.00
41	INTAKE, SW 502, 72"	EA	2.000	2.000	2.000	\$ 9,500.00	\$19,000.00
42	INTAKE, SW 505	EA	11.000	15.000	15.000	\$ 7,500.00	\$112,500.00
43	INTAKE, SW 507	EA	1.000	0.000	0.000	\$ 7,000.00	\$0.00
44	PIPE APRON, 24" RCP, CL4	EA	1.000	1.000	1.000	\$ 2,300.00	\$2,300.00
45	MANHOLE ADJUSTMENT, MINOR	EA	8.000	22.000	22.000	\$ 1,500.00	\$33,000.00
46	MANHOLE ADJUSTMENT, MAJOR	EA	8.000	3.000	3.000	\$ 2,000.00	\$6,000.00
47	CONNECTION TO EXISTING INTAKE/MANHOLE	EA	2.000	2.000	2.000	\$ 25,000.00	\$50,000.00
48	REMOVE MANHOLE	EA	5.000	6.000	6.000	\$ 750.00	\$4,500.00
49	REMOVE INTAKE	EA	33.000	23.000	23.000	\$ 750.00	\$17,250.00
50	PAVEMENT, PCC, 6"	SY	65.000	79.000	79.000	\$ 80.00	\$6,320.00
51	PAVEMENT, PCC, 8"	SY	105.000	84.000	84.000	\$ 88.00	\$7,392.00
52	PAVEMENT, PCC, FOR COMPOSITE SECTION	SY	3,591.000	1,935.000	1,935.000	\$ 65.00	\$125,775.00
53	RIBBON CURB, PCC, 9", 1'-6" WIDE	LF	582.000	582.000	582.000	\$ 25.00	\$14,550.00
54	CURB AND GUTTER, PCC, 9", 1'-6" WIDE	LF	1,971.000	2,003.000	2,003.000	\$ 23.00	\$46,069.00
55	CURB AND GUTTER, PCC, 6", 2'-6" WIDE	LF	5,342.000	7,484.000	7,484.000	\$ 20.00	\$149,680.00
56	CURB AND GUTTER, PCC, 8", 2'-6" WIDE	LF	2,059.000	1,387.000	1,387.000	\$ 24.00	\$33,288.00
57	CURB AND GUTTER, PCC, 9", 2'-6" WIDE	LF	70.000	70.000	70.000	\$ 55.00	\$3,850.00
58	PAVEMENT, HMA LT, BASE COURSE	TONS	1,961.000	3,142.530	3,142.530	\$ 110.00	\$345,678.30
59	PAVEMENT, HMA LT, SURFACE COURSE	TONS	1,694.000	2,454.210	2,454.210	\$ 107.00	\$262,600.47
60	REMOVAL OF SIDEWALK	SY	2,166.000	2,552.000	2,552.000	\$ 12.00	\$30,624.00
61	REMOVAL OF DRIVEWAY	SY	760.000	903.000	903.000	\$ 12.00	\$10,836.00
62	SIDEWALK, PCC, 4" THICK	SY	1,685.000	1,899.000	1,899.000	\$ 55.00	\$104,445.00
63	SIDEWALK, PCC, 6" THICK	SY	385.000	653.000	653.000	\$ 65.00	\$42,445.00
64	DETECTABLE WARNING	SF	683.000	686.000	686.000	\$ 50.00	\$34,300.00
65	DRIVEWAY, PCC, 6" THICK	SY	782.000	994.000	994.000	\$ 70.00	\$69,580.00
66	DRIVEWAY, GRANULAR	TON	200.000	941.070	941.070	\$ 40.00	\$37,642.80
67	FULL DEPTH PATCH. COMPOSITE SECTIONS	SY	200.000	13.000	13.000	\$ 350.00	\$4,550.00
68	PAVEMENT SCARIFICATION	SY	1,900.000	1,396.000	1,396.000	\$ 20.00	\$27,920.00
69	PAVEMENT REMOVAL	SY	17,320.000	18,221.000	18,221.000	\$ 15.00	\$273,315.00
70	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$ 50,000.00	\$50,000.00
71	SOD	SQ	1,110.000	13.080	13.080	\$ 85.00	\$1,111.80
72	STORMWATER POLLUTION PREVENTION	LS	1.000	1.000	1.000	\$ 10,000.00	\$10,000.00
73	FILTER SOCK, 9" DIA	LF	4,340.000	4,100.000	4,100.000	\$ 3.30	\$13,530.00
74	FILTER SOCK REMOVAL	LF	4,340.000	4,100.000	4,100.000	\$ 0.75	\$3,075.00
75	INLET PROTECTION DEVICE	EA	78.000	78.000	78.000	\$ 120.00	\$9,360.00
76	CHAIN LINK FENCE, 48", SALVAGE, REPLACE	LF	40.000	6.000	6.000	\$ 50.00	\$300.00
77	DECORATIVE FENCE, SALVAGE, REPLACE	LF	10.000	32.000	32.000	\$ 100.00	\$3,200.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
78	LIMESTONE RETAINING WALL, SALVAGE, RESTACK	SF	20.000	70.000	70.000	\$ 80.00	\$5,600.00
79	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	6.600	24.800	24.800	\$ 1,500.00	\$37,200.00
80	REMOVAL OF STEPS	LS	1.000	1.000	1.000	\$ 1,500.00	\$1,500.00
81	REMOVAL OF PCC RETAINING WALLS	LS	1.000	1.000	1.000	\$ 4,000.00	\$4,000.00
82	CONSTRUCTION STAKING	LS	1.000	1.020	1.020	\$ 50,000.00	\$51,000.00
83	MOBILIZATION	LS	1.000	1.000	1.000	\$ 486,000.00	\$486,000.00
84	TREE PROTECTION FENCE, 4' HIGH	LF	415.000	0.000	0.000	\$ 4.00	\$0.00
85	TREE TRUNK PROTECTION	EA	19.000	8.000	8.000	\$ 300.00	\$2,400.00
86	TREE ROOT GRINDING	EA	1.000	1.000	1.000	\$ 500.00	\$500.00
87	TREE TRIMMING	EA	4.000	4.000	4.000	\$ 1,000.00	\$4,000.00
88	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.000	1.000	1.000	\$ 10,000.00	\$10,000.00
89	TEMPORARY MAILBOXES	EA	21.000	20.000	20.000	\$ 330.00	\$6,600.00
90	GREEN INFRASTRUCTURE EARTHWORK	LS	1.000	1.000	1.000	\$ 95,000.00	\$95,000.00
91	COMBINATION CURB CUT/SEDIMENT TRAP	EA	3.000	3.000	3.000	\$ 1,500.00	\$4,500.00
92	FINAL LANDSCAPE GRADING	SY	2,044.000	2,044.000	2,044.000	\$ 3.00	\$6,132.00
93	PLANTING MEDIA & BED PREPARATION	SY	180.000	180.000	180.000	\$ 10.00	\$1,800.00
94	TAP STORM HANDHOLE FOR UNDERDRAIN	EA	14.000	14.000	14.000	\$ 350.00	\$4,900.00
95	THICKENED CONCRETE EDGE	LF	172.000	172.000	172.000	\$ 50.00	\$8,600.00
96	UNDERDRAIN CLEANOUT	EA	10.000	10.000	10.000	\$ 1,000.00	\$10,000.00
97	DRAINAGE/FILTER AGGREGATE	TON	880.000	1,542.090	1,542.090	\$ 50.00	\$77,104.50
98	GEOTEXTILE	SY	3,505.000	3,505.000	3,505.000	\$ 10.00	\$35,050.00
99	RUBBER MEMBRANE	SY	703.000	863.000	863.000	\$ 40.00	\$34,520.00
100	SLOTTED UNDERDRAIN - 6" PIPE	LF	2,175.000	2,186.000	2,186.000	\$ 32.00	\$69,952.00
101	SOLID UNDERDRAIN - 6" PIPE	LF	275.000	374.000	374.000	\$ 30.00	\$11,220.00
102	STORAGE AGGREGATE	TON	1,021.000	1,219.670	1,219.670	\$ 50.00	\$60,983.50
103	PERMEABLE CONCRETE PAVERS WITH BEDDING	SF	19,015.000	19,637.500	19,637.500	\$ 6.50	\$127,643.75
104	SLOTTED UNDERDRAIN -8" PIPE	LF	345.000	290.000	290.000	\$ 40.00	\$11,600.00
105	SOLID UNDERDRAIN -8" PIPE	LF	55.000	55.000	55.000	\$ 50.00	\$2,750.00
106	BIORETENTION AMENDED SOIL	CY	219.000	286.000	286.000	\$ 80.00	\$22,880.00
107	GRAVEL SUMP	EA	48.000	48.000	48.000	\$ 200.00	\$9,600.00
108	PLANTING SOIL MIX	CY	200.000	200.000	200.000	\$ 75.00	\$15,000.00
109	CANOPY TREE - 2" CALIPER	EA	15.000	15.000	15.000	\$ 400.00	\$6,000.00
110	TRANSPLANT EXISTING DECIDUOUS TREE	EA	8.000	8.000	8.000	\$ 400.00	\$3,200.00
111	DECIDUOUS SHRUB - 5 GALLON	EA	77.000	77.000	77.000	\$ 60.00	\$4,620.00
112	PERENNIAL/ORNAMENTAL GRASSES - 1 GALLON	EA	2,230.000	2,230.000	2,230.000	\$ 15.00	\$33,450.00
113	GROUND COVER - 4 1/2" POT	EA	1,354.000	1,354.000	1,354.000	\$ 10.00	\$13,540.00
114	WOOD CHIP MULCH	CY	79.000	79.000	79.000	\$ 90.00	\$7,110.00
115	TIED CONCRETE BLOCK MATTING	SF	210.000	210.000	210.000	\$ 15.00	\$3,150.00
116	LOWER 1" WATER SERVICE	EA	18.000	23.000	23.000	\$ 3,000.00	\$69,000.00
117	6" TYPE 1 WATER MAIN ALTERATION	EA	1.000	1.000	1.000	\$ 15,000.00	\$15,000.00
118	8" TYPE 1 WATER MAIN ALTERATION	EA	2.000	4.000	4.000	\$ 15,000.00	\$60,000.00
119	REMOVE AND REPLACE - HYDRANT (6" WATER MAIN)	EA	1.000	1.000	1.000	\$ 15,000.00	\$15,000.00
120	REMOVE AND REPLACE - HYDRANT (8" WATER MAIN)	EA	2.000	3.000	3.000	\$ 15,000.00	\$45,000.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
121	REMOVE AND RELOCATE - HYDRANT (6" WATER MAIN)	EA	2.000	3.000	3.000	\$ 15,000.00	\$45,000.00
122	REMOVE AND RELOCATE - HYDRANT (8" WATER MAIN)	EA	3.000	3.000	3.000	\$ 15,000.00	\$45,000.00
123	1" WATER SERVICE TRANSFER (OPPOSITE SIDE)	EA	1.000	1.000	1.000	\$ 3,000.00	\$3,000.00
124	FOUNDATION ROCK	TON	20.000	0.000	0.000	\$ 50.00	\$0.00
125	MANUFACTURED SAND	TON	20.000	0.000	0.000	\$ 40.00	\$0.00
1.01	8" X 8" TEE, CONNECT TO EXISTING	EA		1.000	1.000	\$ 4,913.94	\$4,913.94
1.02	8" GATE VALVE	EA		1.000	1.000	\$ 2,446.15	\$2,446.15
1.03	8" C900 DR 18 PVC, WATER MAIN	LF		114.000	114.000	\$ 55.75	\$6,355.50
1.04	8" BEND	EA		2.000	2.000	\$ 974.72	\$1,949.44
1.05	TEMPORARY BLOWOFF HYDRANT WITH REDUCER	EA		1.000	1.000	\$ 5,859.41	\$5,859.41
1.06	8" SOLID SLEEVE, CONNECT TO EXISTING	EA		1.000	1.000	\$ 4,694.01	\$4,694.01
1.07	REMOVE EXISTING 8" TEE	EA		1.000	1.000	\$ 4,165.54	\$4,165.54
1.08	CRITICAL CROSSING, FIBER OPTIC	LS		1.000	1.000	\$ 4,935.37	\$4,935.37
1.09	CONSTRUCTION STAKING FOR WATER MAIN	LS		1.000	1.000	\$ 412.50	\$412.50
1.10	12" HYDRANT EXTENSION	LS		1.000	1.000	\$ 1,320.00	\$1,320.00
1.11	REMOVE AND REPLACE WATER MAIN, 10 LF	LS		2.000	2.000	\$ 1,265.00	\$2,530.00
1.12	SANITARY SERVICE WYE, REMOVE AND REPLACE	EA		15.000	15.000	\$ 2,500.00	\$37,500.00
1.13	SW-301 CIRCULAR SANITARY SEWER MANHOLE	EA		1.000	1.000	\$ 12,375.00	\$12,375.00
1.14	SW-301 CIRCULAR SANITARY SEWER MANHOLE	EA		2.000	2.000	\$ 7,040.00	\$14,080.00
1.15	8" PVC SANITARY SEWER	LF		327.000	327.000	\$ 82.50	\$26,977.50
1.16	STRUCTURE ELEVATION CHANGE, ST-108	LS		1.000	1.000	\$ 2,750.00	\$2,750.00
1.17	STRUCTURE ELEVATION CHANGE, ST-62, ST-66, ST-115	LS		1.000	1.000	\$ 3,680.70	\$3,680.70
1.18	CONNECTION OF SUBDRAIN	EA		1.000	1.000	\$ 275.00	\$275.00
1.19	SUBGRADE TREATMENT, GEOGRID, TYPE 2	SY		8,916.000	8,916.000	\$ 4.00	\$35,664.00
1.20	SUBBASE, MODIFIED, 12"	SY		5,877.000	5,877.000	\$ 30.00	\$176,310.00
1.21	36" STORM SEWER MODIFICATIONS	LS		1.000	1.000	\$ 7,639.50	\$7,639.50
1.22	SW-301 CIRCULAR SANITARY MANHOLE AND PVC SANITARY SEWER	LS		1.000	1.000	\$ 18,700.00	\$18,700.00
1.23	LOWER BORE PIT	LS		1.000	1.000	\$ 2,640.00	\$2,640.00
1.24	COMPLETION DATE CHANGE DEDUCTION	LS		-1.000	-1.000	\$ 50,000.00	(\$50,000.00)
1.25	ORNAMENTAL IRON FENCE	LS		1.000	1.000	\$ 9,345.60	\$9,345.60
1.26	STRUCTURE RELOCATION, ST-121, ST-121A, ST-122	LS		1.000	1.000	\$ 1,320.00	\$1,320.00
1.27	RESTOCKING FEE, 48" DUCTILE IRON PIPE	LS		1.000	1.000	\$ 4,543.00	\$4,543.00
1.28	HYDRAULIC SEEDING, FERTILIZING, AND MULCHING	AC		2.673	2.673	\$ 10,500.00	\$28,066.50
1.29	HYDROMULCHING	AC		0.480	0.480	\$ 4,000.00	\$1,920.00
1.30	TURF REINFORCEMENT MAT	SY		471.000	471.000	\$ 2.75	\$1,295.25
1.31	SUMP PUMP DRAIN LINE, 1345 6TH AVE	LS		1.000	1.000	\$ 1,222.58	\$1,222.58
1.32	CONNECT PIPE TO MANHOLE	EA		2.000	2.000	\$ 2,750.00	\$5,500.00
1.33	CONSTRUCTION SIGN FOR BUSINESSES	LS		1.000	1.000	\$ 1,087.50	\$1,087.50
1.34	SAW CUTTING, SIDEWALK	LF		136.000	136.000	\$ 4.50	\$612.00
1.35	REMOVAL OF TROLLEY TRACKS	LS		1.000	1.000	\$ 7,649.53	\$7,649.53
1.36	WATER SERVICE REPAIR, 26TH STREET	LS		1.000	1.000	\$ 3,000.00	\$3,000.00
1.37	SANITARY SERVICE REPAIR, 23RD STREET	LS		1.000	1.000	\$ 18,892.16	\$18,892.16
1.38	NEW WATER METERS AND PLUMBING, 1430 AND 1434 4TH STREET	EA		2.000	2.000	\$ 1,633.50	\$3,267.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1.39	NEW WATER SERVICE, 1317 5TH AVENUE	LS		1.000	1.000	\$ 3,564.37	\$3,564.37
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$6,636,433.67				
PARTIAL PAYMENT NO. 1			\$355,298.87				
PARTIAL PAYMENT NO. 2			\$467,895.51				
PARTIAL PAYMENT NO. 3			\$555,284.94				
PARTIAL PAYMENT NO. 4			\$493,157.89				
PARTIAL PAYMENT NO. 5			\$475,379.93				
PARTIAL PAYMENT NO. 6			\$315,514.42				
PARTIAL PAYMENT NO. 7			\$332,165.39				
PARTIAL PAYMENT NO. 8			\$629,594.98				
PARTIAL PAYMENT NO. 9			\$206,218.27				
PARTIAL PAYMENT NO. 10			\$260,420.41				
PARTIAL PAYMENT NO. 11			\$290,656.08				
PARTIAL PAYMENT NO. 12			\$261,692.01				
PARTIAL PAYMENT NO. 13			\$395,729.06				
PARTIAL PAYMENT NO. 14			\$466,573.30				
PARTIAL PAYMENT NO. 15			\$320,501.00				
PARTIAL PAYMENT NO. 16			\$55,929.81				
PARTIAL PAYMENT NO. 17			\$529,019.96				
PARTIAL PAYMENT NO. 18			\$176,799.34				
PARTIAL PAYMENT NO. 19			\$9,650.00				
PARTIAL PAYMENT NO. 20			\$17,472.50				
THIS PARTIAL PAYMENT NO. 21			\$0.00				
TOTAL PARTIAL PAYMENTS			\$6,614,953.67				
BALANCE			\$21,480.00				

TOTAL	\$6,636,433.67
RETAINAGE	\$21,480.00
TOTAL LESS RETAINAGE	\$6,614,953.67
LESS PREVIOUS PAYMENT	\$6,614,953.67
AMOUNT DUE	\$0.00

PREPARED BY: JOHN MOZENA, V&K

CHECKED BY: 

PARTIAL PAYMENT NO. 21

Des Moines Water Works partial items include Line No. 51, 56, 58, 59, and 62. Des Moines Water Works full items include Line No. 117 through 125 and Line No. 1.01 through 1.11. Des Moines Water Works total for the specified Line Numbers is \$273,342.86.

12-B