

DATE April 8, 2019

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR 31ST STREET RECONSTRUCTION FROM I-235 TO UNIVERSITY AVENUE, MPS ENGINEERS,
P.C. DBA KINGSTON SERVICES, P.C.**

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 31st Street Reconstruction from I-235 to University Avenue, 06-2017-002, in accordance with the contract approved between MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA 50314, under Roll Call No. 18-0082, of January 8, 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 \$663,550.40 is the total cost, of which \$643,643.89 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 \$19,906.51 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 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:

Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Robert L. Fagen

Robert L. Fagen
Des Moines Finance Director

SLN Funding Source: 2019-2020 CIP, Page Street – 22, Roadway Reconstruction, ST260, Being: \$441,974.54 Road Use Tax Funds, \$98,380.63 of Storm Water and \$98,380.63 of Sanitary Sewer Funds, and the remaining \$24,814.60 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	Pass	
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED APPROVED

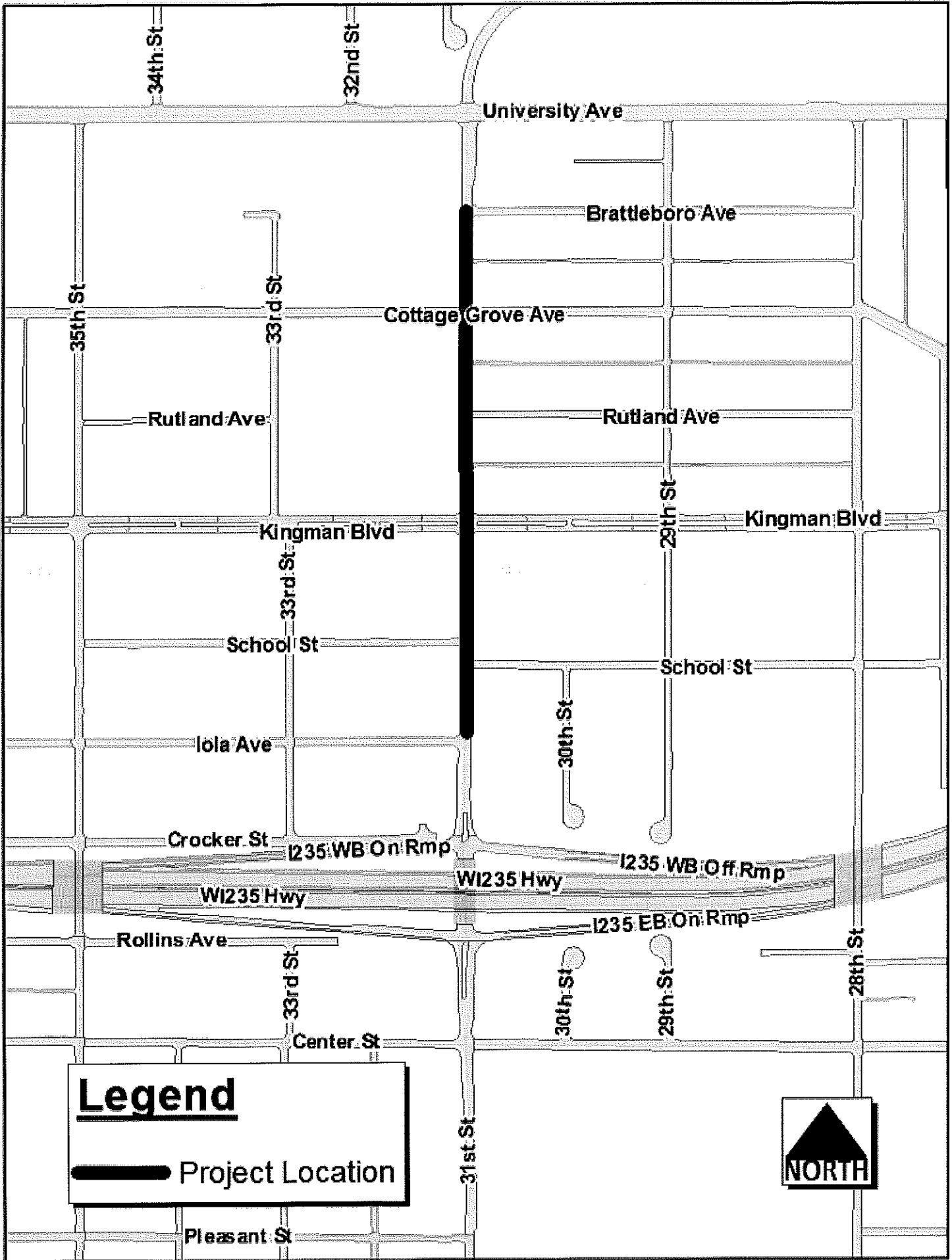
Mayor

CERTIFICATE


I, DIANE RAUH, 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



Legend

 Project Location





H

PROJECT SUMMARY

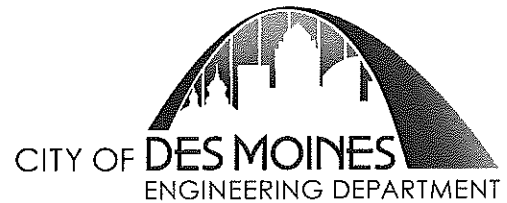
31st Street Reconstruction from I-235 to University Avenue

Activity ID 06-2017-002

On January 8, 2018, under Roll Call No. 18-0082, the Council awarded the contract for the above improvements to MPS Engineers, P.C. dba Kingston Services, P.C., in the amount of \$686,171.60. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	7/24/2018 Repair and backfill broken sanitary sewer line.	\$22,482.00
2	Contractor	10/23/2018 Add liner to damaged storm sewer on 31st Street.	\$(48,444.00)
3	City	Adjust plan quantities to the as-built quantities.	\$3,340.80
Original Contract Amount			\$686,171.60
Total Change Orders			\$(22,621.20)
Percent of Change Orders to Original Contract			(3.30)%
Total Contract Amount			\$663,550.40

April 8, 2019



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the 31st Street Reconstruction from I-235 to University Avenue, MPS Engineers, P.C. dba Kingston Services, P.C.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$663,550.40 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Street – 22, Roadway Reconstruction, ST260, Being: \$441,974.54 Road Use Tax Funds, \$98,380.63 of Storm Water and \$98,380.63 of Sanitary Sewer Funds, and the remaining \$24,814.60 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

On January 8, 2018, under Roll Call No. 18-0082, the City Council awarded a contract to MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA 50314 for the construction of the following improvement:

31st Street Reconstruction from I-235 to University Avenue, 06-2017-002

The improvement includes the reconstruction of 31st Street from I-235 to University Avenue with full-depth Hot Mix Asphalt (HMA) pavement, including pavement scarification and removal, furnish and place HMA, full depth Portland Cement Concrete (PCC) patching, PCC curb and gutter, PCC sidewalk, PCC driveway, pavement markings, sidewalk ramps, 15-inch and 24-inch RCP storm sewer, intakes, manholes, sanitary sewer repairs, water main alterations, modular block retaining wall, fencing, sodding, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 588-140/193, located at 31st Street from I-235 to University Avenue, Des Moines, Iowa

I hereby certify that the construction of said 31st Street Reconstruction from I-235 to University Avenue, Activity ID 06-2017-002, 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 June 6, 2018, and was completed on March 22, 2019.

I further certify that \$663,550.40 is the total cost of said improvement, of which \$643,643.89 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 \$19,906.51 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 2/16/2019 to 3/1/2019

FINAL PARTIAL PAYMENT NO. 7

Proj No: N/A

Activity ID: 06-2017-002

Date: 3/15/2019

PROJECT: 31ST STREET RECONSTRUCTION FROM I-235 TO UNIVERSITY AVENUE
CONTRACTOR: MPS ENGINEERS, P.C. dba KINGSTON SERVICES, P.C.

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	CLEARING AND GRUBBING	LS	1.000	1.000	1.000	\$12,900.00	\$12,900.00
2	TOPSOIL, OFF - SITE	CY	190.000	191.800	191.800	\$32.00	\$6,137.60
3	EXCAVATION, CLASS 10	CY	390.000	390.000	390.000	\$42.00	\$16,380.00
4	SUBGRADE PREPARATION, 6 IN. DEPTH	SY	1,340.000	1,340.000	1,340.000	\$6.00	\$8,040.00
5	SUBGRADE TREATMENT - GEOGRID	SY	100.000	602.600	602.600	\$5.00	\$3,013.00
6	SUBGRADE TREATMENT - FLY ASH / LIME	SY	2,840.000	2,840.000	2,840.000	\$3.00	\$8,520.00
7	SUBBASE, MODIFIED	SY	1,340.000	1,340.000	1,340.000	\$16.00	\$21,440.00
8	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8" DIA.	LF	27.000	29.800	29.800	\$116.00	\$3,456.80
9	SANITARY SEWER GRAVITY MAIN, TRENCHED, 12" DIA.	LF	39.000	61.400	61.400	\$134.00	\$8,227.60
10	REMOVAL OF SANITARY SEWER, VCP, 12" DIA AND LESS	LF	66.000	105.450	105.450	\$25.00	\$2,636.25
11	STORM SEWER, TRENCHED, 2000D RCP, 15 IN.	LF	152.000	157.000	157.000	\$100.00	\$15,700.00
12	STORM SEWER, TRENCHED, 2000D RCP, 24 IN.	LF	363.000	355.000	355.000	\$115.00	\$40,825.00
13	STORM SEWER ABANDONMENT, FILL AND PLUG	LF	83.000	83.000	83.000	\$25.00	\$2,075.00
14	MANHOLE, SW-301, 48 IN.	EACH	2.000	2.000	2.000	\$7,100.00	\$14,200.00
15	INTAKE, SW-501	EACH	4.000	3.000	3.000	\$3,550.00	\$10,650.00
16	INTAKE, SW-503	EACH	2.000	3.000	3.000	\$4,900.00	\$14,700.00
17	INTAKE, SW-505	EACH	1.000	1.000	1.000	\$5,500.00	\$5,500.00
18	INTAKE, SW-506	EACH	1.000	1.000	1.000	\$6,000.00	\$6,000.00
19	REMOVE INTAKE OR MANHOLE	EACH	6.000	6.000	6.000	\$700.00	\$4,200.00
20	PAVEMENT, PCC, 7 IN.	SY	179.000	215.100	215.100	\$78.00	\$16,777.80
21	CURB AND GUTTER, PCC, 8 IN	LF	2,100.000	2,115.000	2,115.000	\$16.00	\$33,840.00
22	HMA HT SURFACE, 1/2" MIX, NO FRIC, PG 58-28H	TON	450.000	486.250	486.250	\$71.00	\$34,523.75
23	PAVEMENT, HMA HT, 6 1/2 IN. THICK	SY	3,100.000	3,100.000	3,100.000	\$27.00	\$83,700.00
24	HMA PAVEMENT SAMPLES AND TESTING	LS	1.000	0.000	0.000	\$550.00	\$0.00
25	CLEANING AND PREPARATION OF BASE	MILE	0.100	0.100	0.100	\$2,100.00	\$210.00
26	REMOVAL OF SIDEWALK	SY	360.000	432.900	432.900	\$12.00	\$5,194.80
27	REMOVAL OF DRIVEWAY	SY	310.000	310.000	310.000	\$12.00	\$3,720.00
28	SIDEWALK, PCC, 4 IN. THICK	SY	250.000	359.500	359.500	\$56.00	\$20,132.00
29	SIDEWALK, PCC, 6 IN. THICK	SY	135.000	145.300	145.300	\$64.00	\$9,299.20
30	DETECTABLE WARNING	SF	180.000	106.000	106.000	\$35.00	\$3,710.00
31	DRIVEWAY, PCC, 6 IN. THICK	SY	230.000	235.700	235.700	\$64.00	\$15,084.80
32	DRIVEWAY, PCC, 7 IN. THICK	SY	60.000	60.000	60.000	\$72.00	\$4,320.00
33	DRIVEWAY, HMA, 7 IN. THICK	SY	18.000	22.400	22.400	\$38.00	\$851.20
34	DRIVEWAY, GRANULAR	TON	45.000	78.840	78.840	\$40.00	\$3,153.60

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
35	FULL DEPTH FINISH PATCH, PCC	SY	90.000	109.100	109.100	\$116.00	\$12,655.60
36	PAVEMENT SCARIFICATION	SY	1,972.000	1,928.800	1,928.800	\$4.00	\$7,715.20
37	PAVEMENT REMOVAL	SY	3,680.000	3,833.700	3,833.700	\$10.00	\$38,337.00
38	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	40.180	0.000	0.000	\$45.00	\$0.00
39	PAINTED PAVEMENT MARKING, DURABLE (EPOXY)	STA	6.960	6.960	6.960	\$700.00	\$4,872.00
40	INLAY PAVEMENT MARKINGS, PROFILED MARKING TAPE	STA	40.180	40.180	40.180	\$425.00	\$17,076.50
41	GROOVED-IN PAVEMENT MARKINGS, PROFILED MARKING TAPE	STA	21.480	21.480	21.480	\$225.00	\$4,833.00
42	INLAY PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING T	EACH	2.000	2.000	2.000	\$780.00	\$1,560.00
43	GROOVED-IN PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MAR	EACH	6.000	6.000	6.000	\$275.00	\$1,650.00
44	GROOVES CUT FOR PAVEMENT MARKINGS	STA	28.440	28.440	28.440	\$225.00	\$6,399.00
45	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	6.000	6.000	6.000	\$175.00	\$1,050.00
46	TRAFFIC CONTROL	LS	1.000	1.000	1.000	\$12,900.00	\$12,900.00
47	FLAGGERS, CERTIFIED	DAY	10.000	2.000	2.000	\$500.00	\$1,000.00
48	SOD	SQ	220.000	222.000	222.000	\$90.00	\$19,980.00
49	STORM WATER POLLUTION PREVENTION	LS	1.000	1.000	1.000	\$2,000.00	\$2,000.00
50	FILTER SOCK, 9 INCH DIA.	LF	1,810.000	1,361.000	1,361.000	\$1.25	\$1,701.25
51	FILTER SOCK, REMOVAL	LF	1,810.000	1,361.000	1,361.000	\$0.05	\$68.05
52	EROSION CONTROL MULCHING, HYDROMULCHING	ACRE	0.500	0.060	0.060	\$4,000.00	\$240.00
53	INLET PROTECTION DEVICE	EACH	7.000	12.000	12.000	\$100.00	\$1,200.00
54	CHAIN LINK FENCE, 48 IN.	LF	51.000	0.000	0.000	\$12.00	\$0.00
55	REMOVAL OF FENCE	LF	51.000	0.000	0.000	\$6.00	\$0.00
56	MODULAR BLOCK RETAINING WALL	SF	605.000	848.300	848.300	\$38.00	\$32,235.40
57	CONCRETE STEPS, TYPE A	SF	20.000	20.000	20.000	\$150.00	\$3,000.00
58	CONCRETE STEPS, TYPE B	SF	36.000	36.000	36.000	\$150.00	\$5,400.00
59	HANDRAIL, BLACK STEEL PIPE	LF	25.000	25.000	25.000	\$100.00	\$2,500.00
60	REMOVAL OF CONCRETE STEPS	SF	23.000	23.000	23.000	\$30.00	\$690.00
61	MOBILIZATION	LS	1.000	1.000	1.000	\$64,000.00	\$64,000.00
62	TREE PROTECTION FENCE, 4' HIGH	LF	165.000	453.000	453.000	\$2.00	\$906.00
63	TREE TRUNK PROTECTION	EACH	10.000	8.000	8.000	\$75.00	\$600.00
64	NEW STOP BOX HOUSING	EACH	3.000	3.000	3.000	\$200.00	\$600.00
65	NEW STOP BOX ROD	EACH	3.000	3.000	3.000	\$200.00	\$600.00
66	RELOCATION OF WATER SERVICE	EACH	2.000	2.000	2.000	\$1,500.00	\$3,000.00
67	LOOP DETECTOR REPLACEMENT, 6' X 8'	EACH	2.000	1.000	1.000	\$750.00	\$750.00
68	LOOP DETECTOR REPLACEMENT, 6' X 20'	EACH	4.000	1.000	1.000	\$875.00	\$875.00
69	WATER MAIN ALTERATION NO. 1	EACH	1.000	1.000	1.000	\$12,000.00	\$12,000.00
70	REMOVE AND REPLACE FIRE HYDRANT	EACH	1.000	1.000	1.000	\$6,000.00	\$6,000.00
1.01	REPAIR BROKEN SANITARY SEWER	LS	0.000	1.000	1.000	\$22,482.00	\$22,482.00
2.01	SEWER LINER, 15" CIPP	LF	0.000	66.000	68.000	-\$200.00	(\$13,200.00)
2.02	SEWER LINER, 24" CIPP	LF	0.000	354.000	354.000	-\$96.00	(\$33,984.00)
2.03	SEWER CLEANING & VIDEO	EACH	0.000	420.000	420.000	-\$3.00	(\$1,260.00)
3.01	LIQUIDATED DAMAGES	DAY	0.000	15.000	15.000	-\$1,000.00	(\$15,000.00)
3.02	LIQUIDATED DAMAGES	DAY	0.000	6.000	6.000	-\$500.00	(\$3,000.00)

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LINE NO.	DESCRIPTION	UNIT	UNITS		CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED			
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$663,550.40				
	PARTIAL PAYMENT #1		\$82,425.41				
	PARTIAL PAYMENT #2		\$117,017.55				
	PARTIAL PAYMENT #3		\$121,412.23				
	PARTIAL PAYMENT #4		\$229,921.04				
	PARTIAL PAYMENT #5		\$48,537.69				
	PARTIAL PAYMENT #6		\$44,329.97				
	THIS PARTIAL PAYMENT		\$0.00				
	TOTAL PARTIAL PAYMENTS		\$643,643.89				
	BALANCE		\$19,906.51				
			97%				

PREPARED BY: *Tom Beasley*
 CHECKED BY: *M. K. [Signature]*
 CONTRACTOR APPROVAL: *[Signature]*

TOTAL	\$663,550.40
RETAINAGE	\$19,906.51
TOTAL LESS RETAINAGE	\$643,643.89
LESS PREVIOUS PAYMENT	\$643,643.89
AMOUNT DUE	\$0.00

FINAL PARTIAL PAYMENT NO. 7