

DATE February 11, 2019

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR E. 2ND STREET RECONSTRUCTION FROM E. LOCUST STREET TO E. GRAND 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 E. 2nd Street Reconstruction from E. Locust Street to E. Grand Avenue, 06-2017-003, 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. 17-0551, of March 20, 2017, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

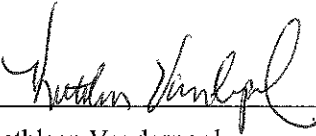
BE IT FURTHER RESOLVED: That \$587,292.49 is the total cost, of which \$569,673.72 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$17,618.77 is to be paid at the end of thirty days, with funds retained 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.

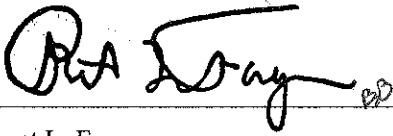
BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by _____ to adopt.

FORM APPROVED:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Robert L. Fagen
Des Moines Finance Director

SLW
Funding Source: 2017-2018 CIP, Page Street – 13, East Village Street Improvements, ST262, Being: \$463,667.09 in Tax Increment Bonds, ST262; and the remaining \$123,625.40 from Des Moines Water Works

★ **Roll Call Number**

Agenda Item Number

11B

DATE February 11, 2019

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				
MOTION CARRIED		APPROVED		

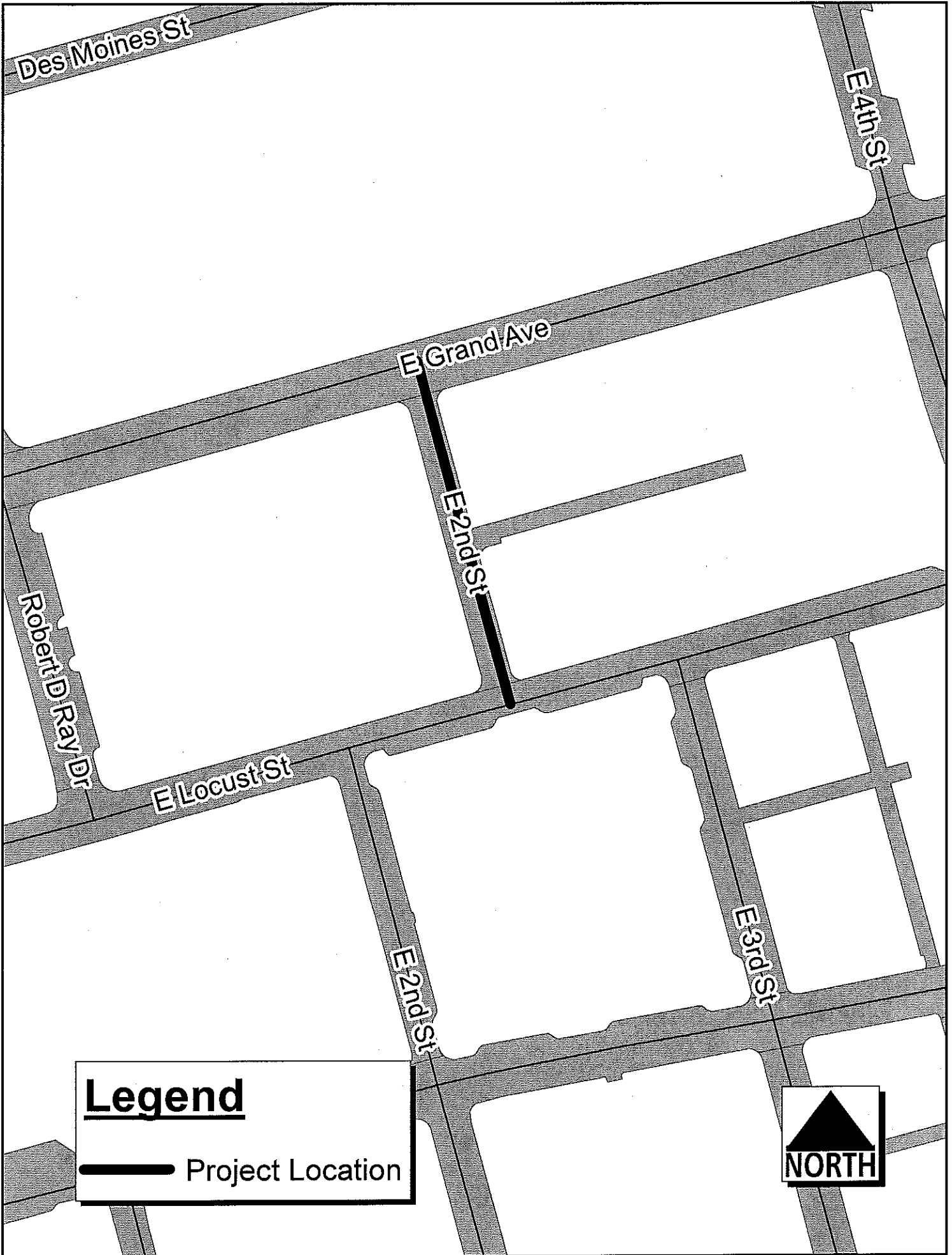
CERTIFICATE

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.

Mayor

City Clerk



Des Moines St

E 4th St

E Grand Ave

E 2nd St

Robert D Ray Dr

E Locust St

E 2nd St

E 3rd St

Legend
— Project Location



PROJECT SUMMARY

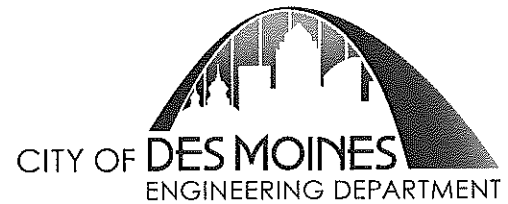
E. 2nd Street Reconstruction from E. Locust Street to E. Grand Avenue

Activity ID 06-2017-003

On March 20, 2017, under Roll Call No. 17-0551, the Council awarded the contract for the above improvements to MPS Engineers, P.C. dba Kingston Services, P.C., in the amount of \$659,983.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	City	8/14/2017 Changes in storm sewer design, additional excavation and shoring and changes due to existing duct banks in conflict with the water main construction.	\$50,987.65
2	City	7/19/2018 Delete the work on Robert D. Ray Drive and the area between Robert D. Ray Drive and the Parking Garage. Adjust contract to as built quantities.	\$(123,678.66)
Original Contract Amount			\$659,983.50
Total Change Orders			\$(72,691.01)
Percent of Change Orders to Original Contract			(11.01)%
Total Contract Amount			\$587,292.49

February 11, 2019



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the E. 2nd Street Reconstruction from E. Locust Street to E. Grand 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: \$587,292.49 As-Built Contract Cost

Funding Source: 2017-2018 CIP, Page Street – 13, East Village Street Improvements, ST262, Being: \$463,667.09 in Tax Increment Bonds, ST262; and the remaining \$123,625.40 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

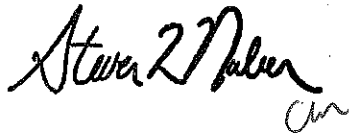
On March 20, 2017, under Roll Call No. 17-0551, the City Council awarded a contract to MPS Engineers, P.C. dba Kingston Services, P.C., Umesh G. Shetye, President, 1444 Illinois Street, Des Moines, IA 50314 for the construction of the following improvement:

E. 2nd Street Reconstruction from E. Locust Street to E. Grand Avenue, 06-2017-003

The improvement includes pavement removal, 8-inch Portland Cement Concrete (PCC) pavement, storm sewer, water main, earthwork, PCC sidewalks, pavement markings, lighting, traffic control, erosion protection, Hot Mix Asphalt (HMA) patches, tree planting, landscaping, construction survey; all in accordance with the contract documents including Plan File Nos. 578-198/236, at East 2nd Street between East Grand Avenue and East Locust Street, Des Moines, Iowa

I hereby certify that the construction of said E. 2nd Street Reconstruction from E. Locust Street to E. Grand Avenue, Activity ID 06-2017-003, 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 April 6, 2017, and was completed on February 4, 2019.

I further certify that \$587,292.49 is the total cost of said improvement, of which \$569,673.72 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 \$17,618.77 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.

A handwritten signature in black ink that reads "Steven L. Naber" with a stylized flourish underneath.

Steven L. Naber, P.E.
Des Moines City Engineer

ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



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ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 6/23/2018 to 7/13/2018
FINAL PAYMENT NO. 8

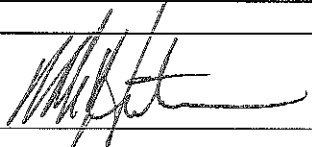
PROJECT: E. 2ND STREET RECONSTRUCTION FROM E. LOCUST STREET TO E. GRAND AVENUE
CONTRACTOR: MPS ENGINEERS, P.C. DBA KINGSTON SERVICES, P.C.

Proj No: None
Activity ID: 06-2017-003
Date: 11/9/2018

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Mobilization	LS	1.00	1.00	1.00	\$42,000.00	\$42,000.00
2	Earthwork	CY	1125.00	1125.00	1125.00	\$18.00	\$20,250.00
3	Subgrade Preparation	SY	1790.00	1476.80	1476.80	\$4.00	\$5,907.20
4	Subgrade Treatment, Geogrid	SY	1790.00	1446.90	1446.90	\$3.00	\$4,340.70
5	Modified Subbase	SY	1790.00	1637.40	1637.40	\$8.50	\$13,917.90
6	Topsoil, Contractor Haul and Place	CY	953.00	47.10	47.10	\$8.00	\$376.80
7	Storm Sewer, Trenched, RCP, 15"	LF	170.00	31.00	31.00	\$88.00	\$2,728.00
8	Subdrain, Longitudinal, 6"	LF	1070.00	461.00	461.00	\$16.00	\$7,376.00
9	Subdrain Outlet	EACH	11.00	8.00	8.00	\$500.00	\$4,000.00
10	Removal of Storm Sewer, RCP, 12"	LF	130.00	150.00	150.00	\$24.00	\$3,600.00
11	8" Ductile Iron Pipe, Stab	LF	342.00	334.00	334.00	\$108.00	\$36,072.00
12	8" Ductile Iron Pipe, RJ	LF	18.00	0.00	0.00	\$154.00	\$0.00
13	8" Bend	EACH	3.00	5.00	5.00	\$1,000.00	\$5,000.00
14	8" x 8" Tee	EACH	1.00	1.00	1.00	\$1,000.00	\$1,000.00
15	8" Cap	EACH	1.00	1.00	1.00	\$700.00	\$700.00
16	8" Solid Sleeve	EACH	2.00	2.00	2.00	\$1,250.00	\$2,500.00
17	Hydrant Assembly	EACH	1.00	2.00	2.00	\$5,000.00	\$10,000.00
18	Prepare Excavation for Tapping Sleeve and Valve	EACH	1.00	1.00	1.00	\$6,500.00	\$6,500.00
19	6" Fire Service Transfer 219 E. 2nd Street (Sta. 3+17)	EACH	1.00	1.00	1.00	\$18,500.00	\$18,500.00
20	Foundation Rock for Water Mains	TON	50.00	50.00	50.00	\$25.00	\$1,250.00
21	8" Isolation Coupling	EACH	2.00	2.00	2.00	\$1,000.00	\$2,000.00
22	32 lb. Magnesium Anode	EACH	5.00	5.00	5.00	\$500.00	\$2,500.00
23	Cathodic Test Station	EACH	1.00	1.00	1.00	\$2,500.00	\$2,500.00
24	Manhole, SW-401, 48"	EACH	1.00	1.00	1.00	\$8,000.00	\$8,000.00
25	Nyloplast Intake, 8", Flat/Light Duty Casting	EACH	14.00	0.00	0.00	\$450.00	\$0.00
26	Intake, SW-501	EACH	2.00	2.00	2.00	\$5,000.00	\$10,000.00
27	Intake, SW-505	EACH	2.00	1.00	1.00	\$6,000.00	\$6,000.00
28	Connection to Existing Manhole	EACH	1.00	1.00	1.00	\$2,000.00	\$2,000.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
29	Connection to Existing Pipe	EACH	2.00	2.00	2.00	\$1,800.00	\$3,600.00
30	Removal of Intake	EACH	4.00	4.00	4.00	\$1,000.00	\$4,000.00
31	Pavement, PCC, 8"	SY	1810.00	1537.00	1537.00	\$72.00	\$110,664.00
32	Beam Curb	LF	161.00	185.00	185.00	\$32.00	\$5,920.00
33	Removal of Sidewalk	SY	1216.00	646.90	646.90	\$12.00	\$7,762.80
34	Class A Sidewalk, PCC, 5"	SY	720.00	402.70	402.70	\$64.00	\$25,772.80
35	Detectable Warnings, Cast Iron	SF	44.00	32.00	32.00	\$32.00	\$1,024.00
36	Full Depth Patches	SY	31.00	32.10	32.10	\$154.00	\$4,943.40
37	Pavement Removal	SY	4415.00	1977.80	1977.80	\$9.00	\$17,800.20
38	Temporary Pavement, HMA, 6"	SY	60.00	60.60	60.60	\$87.90	\$5,326.74
39	Traffic Control	LS	1.00	0.75	0.75	\$6,950.00	\$5,212.50
40	Street Light Equipment Relocation	LS	1.00	1.00	1.00	\$28,124.00	\$28,124.00
41	Construction Survey	LS	1.00	0.75	0.75	\$4,770.00	\$3,577.50
42	Flaggers	DAY	10.00	5.50	5.50	\$550.00	\$3,025.00
43	Sod	SQ	29.00	22.30	22.30	\$125.00	\$2,787.50
44	Filter Sock, Install and Remove	LF	300.00	0.00	0.00	\$3.25	\$0.00
45	Intake Protection Device	EACH	6.00	2.00	2.00	\$175.00	\$350.00
46	SWPPP Preparation	LS	1.00	0.75	0.75	\$1,200.00	\$900.00
47	SWPPP Management	LS	1.00	0.75	0.75	\$4,000.00	\$3,000.00
48	Plants, Trees, 2.5" CAL, Furnished and Installed	EACH	2.00	2.00	2.00	\$750.00	\$1,500.00
49	Plants, Grasses, Furnished and Installed	EACH	56.00	56.00	56.00	\$100.00	\$5,600.00
50	RTF Sod	SQ	165.00	0.00	0.00	\$125.00	\$0.00
51	Bollard	EACH	6.00	0.00	0.00	\$3,540.00	\$0.00
52	Bike Rack	EACH	1.00	0.00	0.00	\$2,500.00	\$0.00
53	Bench	EACH	1.00	0.00	0.00	\$1,500.00	\$0.00
54	Type 1 Paver	SF	377.00	0.00	0.00	\$35.00	\$0.00
55	Type 2 Paver	SF	407.00	0.00	0.00	\$35.00	\$0.00
56	Removal of Miscellaneous Items	LS	1.00	1.00	1.00	\$5,000.00	\$5,000.00
57	Pavement Markings	STA	1.10	18.34	18.34	\$975.00	\$17,881.50
58	Pavement Markings, Symbols And Legends	EACH	4.00	4.00	4.00	\$150.00	\$600.00
1.01	Material Restocking Charges	LS	0.00	1.00	1.00	\$1,841.25	\$1,841.25
1.02	Modification to SW-401	LS	0.00	1.00	1.00	\$2,400.00	\$2,400.00
1.03	12" DIP Storm Sewer	LF	0.00	45.00	45.00	\$158.00	\$7,110.00
1.04	16" DIP Storm Sewer	LF	0.00	36.00	36.00	\$218.00	\$7,848.00
1.05	Export of Unsuitable Material	CY	0.00	94.00	94.00	\$25.00	\$2,350.00
1.06	Granular Backfill	TON	0.00	117.00	117.00	\$25.00	\$2,925.00
1.07	Soil Segregation	HOUR	0.00	12.00	12.00	\$285.00	\$3,420.00
1.08	Additional Survey	LS	0.00	1.00	1.00	\$1,380.00	\$1,380.00
1.09	Intake SW-509	EACH	0.00	2.00	2.00	\$9,000.00	\$18,000.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1.10	Additional Excavation and Shoring for Water Main	LS	0.00	1.00	1.00	\$4,000.00	\$4,000.00
1.11	Change in Water Main Abandonment	LS	0.00	1.00	1.00	\$7,700.00	\$7,700.00
1.12	Duct Bank Conflict with Water Main	LS	0.00	1.00	1.00	\$1,130.00	\$1,130.00
1.13	6" Bend	EACH	0.00	8.00	8.00	\$850.00	\$6,800.00
1.14	Remove and Replace Water Main	LF	0.00	40.00	40.00	\$95.00	\$3,800.00
1.15	Hydro-Vac Water Main	HOUR	0.00	5.00	5.00	\$400.00	\$2,000.00
1.16	Additional Mobilization	LS	0.00	1.00	1.00	\$1,950.00	\$1,950.00
2.01	Jersey Barriers	EACH	0.00	19.00	19.00	\$608.30	\$11,557.70
2.02	Curb Stops	EACH	0.00	52.00	52.00	\$110.00	\$5,720.00
2.03	Remove and Replace Drive at E. 2nd Parking Garage	LS	0.00	1.00	1.00	\$6,570.00	\$6,570.00
2.04	Replace Pavers at E. 2 nd and E. Locust	LS	0.00	1.00	1.00	\$2,000.00	\$2,000.00
2.05	Remove and Dispose of Trolley Rails	LS	0.00	1.00	1.00	\$3,400.00	\$3,400.00
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$587,292.49				
PARTIAL PAYMENT NO. 1			\$94,483.76				
PARTIAL PAYMENT NO. 2			\$267,532.36				
PARTIAL PAYMENT NO. 3			\$47,896.17				
PARTIAL PAYMENT NO. 4			\$50,393.54				
PARTIAL PAYMENT NO. 5			\$36,023.18				
PARTIAL PAYMENT NO. 6			\$27,517.93				
PARTIAL PAYMENT NO. 7			\$45,826.78				
THIS FINAL PAYMENT NO. 8			\$0.00				
TOTAL PARTIAL PAYMENTS			\$569,673.72				
BALANCE			\$17,618.77				

PREPARED BY: 

CHECKED BY: 

TOTAL	\$587,292.49
RETAINAGE	\$17,618.77
TOTAL LESS RETAINAGE	\$569,673.72
LESS PREVIOUS PAYMENT	\$569,673.72
AMOUNT DUE	\$0.00

FINAL PAYMENT NO. 8