

DATE March 23, 2020

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR NEAR WEST SIDE SEWER SEPARATION PHASE 2, 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 Near West Side Sewer Separation Phase 2, 07-2017-002, 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. 18-0416, of March 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 \$5,262,780.36 is the total cost, of which \$5,104,896.95 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 \$157,883.41 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:

FUNDS AVAILABLE

Kathleen Vanderpool
 Kathleen Vanderpool
 Deputy City Attorney

Nickolas J. Schaul
 Nickolas J. Schaul
 Interim Des Moines Finance Director

SLN

Funding Source: 2019-2020 CIP, Page Sanitary – 7, Near West Side Sewer Separation, SS132, Being: \$5,211,280.36 in SRF funding; and the remaining \$51,500 from Des Moines Water Works

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

MOTION CARRIED APPROVED

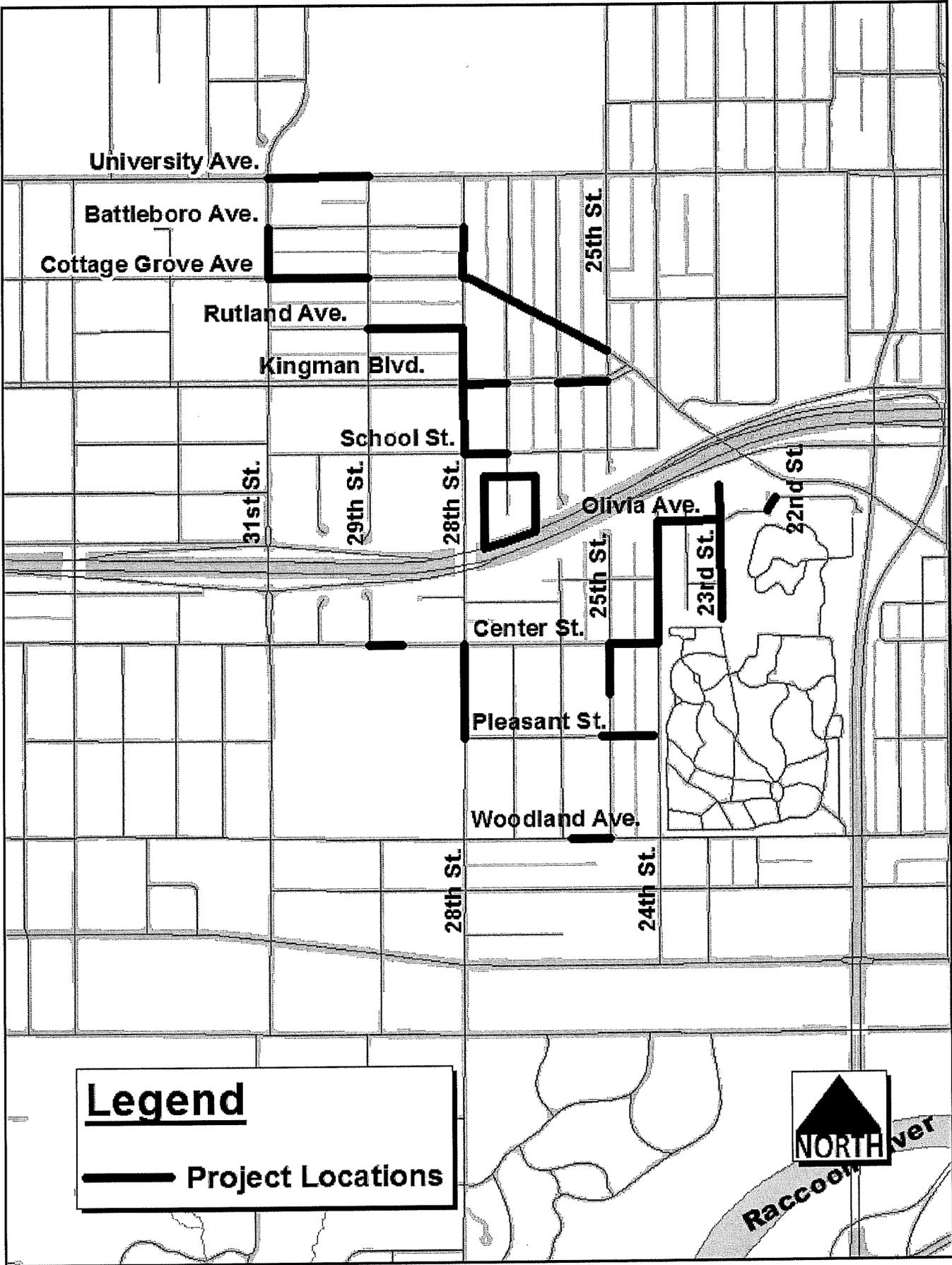
 Mayor

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



Legend
— Project Locations



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PROJECT SUMMARY

Near West Side Sewer Separation Phase 2

Activity ID 07-2017-002

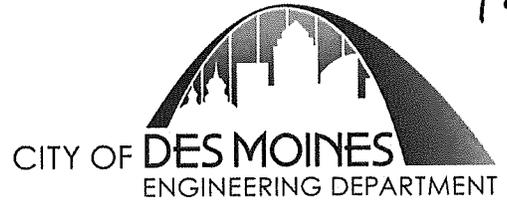
On March 8, 2018, under Roll Call No. 18-0416, the Council awarded the contract for the above improvements to Jasper Construction Services, Inc., in the amount of \$4,479,655.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	7/31/2018 Addition of polypropylene pipe, native pipe backfill, importing of topsoil for areas short on topsoil, demolition of steel tracks under existing pavement sections, and sidewalk adjustment on Pleasant Street to the construction contract.	\$49,007.89
2	Contractor	10/5/2018 Addition of traffic control extra work, sanitary sewer spot repair, subbase stabilization rock, and excavation for permeable pavers.	\$49,652.59
3	Contractor	12/18/2018 Addition of milling for street restoration, pavement removal, retaining wall, trench shoring, and miscellaneous sanitary sewer repair work at various locations throughout the project.	\$43,475.04
4	Contractor	7/31/2019 Contract quantity adjustments and the addition of storm sewer pipe and street reconstruction within Area5 along with other miscellaneous items.	\$48,512.71
5	Contractor	8/27/2019 Adjustment of quantities to the as-built quantities.	\$49,671.60
6	Engineering	11/4/2019 Addition of expanded street reconstruction within several areas of the project, addition of a sanitary sewer spot repair, addition of excavation, addition of miscellaneous items, and adjustment of quantities to the as-built quantities.	\$542,805.53

Original Contract Amount	\$4,479,655.00
Total Change Orders	\$783,125.36
Percent of Change Orders to Original Contract	17.48%
Total Contract Amount	\$5,262,780.36

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March 23, 2020



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Near West Side Sewer Separation Phase 2, 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: \$5,262,780.36 As-Built Contract Cost

Funding Source: 2019-2020 CIP, Page Sanitary – 7, Near West Side Sewer Separation, SS132, Being: \$5,211,280.36 in SRF funding; and the remaining \$51,500 from Des Moines Water Works

CERTIFICATION OF COMPLETION:

On March 8, 2018, under Roll Call No. 18-0416, 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:

Near West Side Sewer Separation Phase 2, 07-2017-002

The improvement includes Reinforced Concrete Pipe (RCP) storm sewer 15-inches to 24-inches, trenchless RCP storm sewer 18-inches, PVC sanitary sewer 8-inches, trenchless Polyvinylchloride (PVC) sanitary sewer 3-inches, sanitary services, water services, water main adjustments, manholes, intakes, Hot Mix Asphalt (HMA) pavements, sidewalks, driveways, associated grading, pavement markings, surface restoration, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 591-065/167, located on 23rd Street at High Street, Woodland Avenue at 25th Street, Pleasant Street from 24th Street to 25th Street, 25th Street from Pleasant Street to Center Street, Center Street from 24th Street to 25th Street, 24th Street from Center Street to Olive Avenue, Olive Avenue from 23rd Street to 24th Street, 23rd Street south of Rollins Avenue, 22nd Street at Olive Avenue, 28th Street from Pleasant Street to Center Street, Center Street at 29th Street, Kingman Boulevard from 25th Street to 26th Street, 28th Street from Cottage Grove Avenue to Brattleboro Avenue, Cottage Grove Avenue from 25th Street to 28th Street, Cottage Grove Avenue from 29th Street to 31st Street, and University Avenue from 29th Street to 31st Street, all in Des Moines, Iowa

I hereby certify that the construction of said Near West Side Sewer Separation Phase 2, Activity ID 07-2017-002, 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 April 10, 2018, and was completed on March 12, 2020.

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I further certify that \$5,262,780.36 is the total cost of said improvement, of which \$5,104,896.95 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 \$157,883.41 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 10/19/2019 to 3/3/2020

PARTIAL PAYMENT NO. 15 (FINAL)

CITY OF DES MOINES

PROJECT: NEAR WEST SIDE SEWER SEPARATION PHASE 2

CONTRACTOR: JASPER CONSTRUCTION

ACTIVITY ID 07-2017-002

DATE: 3/6/2020

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
1	Clearing and Grubbing	UNIT	800.000	1,235.600	1,235.600	\$120.00	\$148,272.00
2	Below Grade Excavation (Core Out)	CY	1,100.000	199.630	199.630	\$10.00	\$1,996.30
3	Subgrade Preparation	SY	15,040.000	17,499.000	17,499.000	\$5.00	\$87,495.00
4	Subgrade Treatment, Geogrid, Type 1	SY	3,630.000	5,087.000	5,087.000	\$3.00	\$15,261.00
5	Subbase, Special Backfill	SY	14,360.000	18,180.300	18,180.300	\$14.00	\$254,524.20
6	Class A Roadstone	TON	3,000.000	2,510.900	2,510.900	\$19.00	\$47,707.10
7	Trench Foundation	TON	500.000	0.000	0.000	\$60.00	\$0.00
8	Special Pipe Embedment or Encasement	EA	11.000	9.000	9.000	\$750.00	\$6,750.00
9	Sanitary Sewer Gravity Main, Trenched, PVC, 8"	LF	167.000	208.000	208.000	\$200.00	\$41,600.00
10	Sanitary Sewer Force Main, Trenchless, PVC, 3"	LF	865.000	865.000	865.000	\$40.00	\$34,600.00
11	Sanitary Sewer Service, PVC, 6"	LF	60.000	184.000	184.000	\$180.00	\$33,120.00
12	Sanitary Sewer Service Replacement	EA	36.000	17.000	17.000	\$3,000.00	\$51,000.00
13	Storm Sewer, Trenched, RCP, 15"	LF	1,386.000	1,373.000	1,373.000	\$140.00	\$192,220.00
14	Storm Sewer, Trenched, RCP, 18"	LF	4,658.000	4,642.500	4,642.500	\$142.00	\$659,235.00
15	Storm Sewer, Trenched, RCP, 24"	LF	1,124.000	890.400	890.400	\$160.00	\$142,464.00
16	Storm Sewer, Trenchless, RCP, 18"	LF	40.000	48.000	48.000	\$500.00	\$24,000.00
17	Removal of Storm Sewer, Less Than or Equal To 30"	LF	885.000	885.000	885.000	\$32.00	\$28,320.00
18	Underdrain Connection, PVC, 6"	EA	6.000	6.000	6.000	\$500.00	\$3,000.00
19	Plug Existing Sewer	EA	22.000	21.000	21.000	\$400.00	\$8,400.00
20	Water Service Replacement, Less Than or Equal To 2"	EA	20.000	16.000	16.000	\$4,000.00	\$64,000.00
21	Water Service Replacement, Greater Than or Equal To 4"	EA	1.000	0.000	0.000	\$5,000.00	\$0.00
22	Water Service Corporation	EA	20.000	1.000	1.000	\$1,500.00	\$1,500.00
23	Water Main Relocation	EA	2.000	1.000	1.000	\$14,000.00	\$14,000.00
24	Fire Hydrant Relocation	EA	4.000	5.000	5.000	\$7,500.00	\$37,500.00
25	Manhole Type SW-301, 48"	EA	2.000	1.000	1.000	\$5,000.00	\$5,000.00
26	Manhole Type SW-401, 48"	EA	8.000	7.000	7.000	\$4,000.00	\$28,000.00
27	Manhole Type SW-401, 60"	EA	2.000	2.000	2.000	\$6,000.00	\$12,000.00
28	Intake Type SW-501	EA	4.000	4.000	4.000	\$4,500.00	\$18,000.00

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LINE NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	UNITS		TOTAL AMOUNT
					CONSTRUCTED	TO DATE	
29	Intake Type SW-505	EA	38.000	36.000	36.000		\$225,000.00
30	Intake Type SW-506	EA	6.000	4.000	4.000		\$30,000.00
31	Intake Type SW-508	EA	1.000	1.000	1.000		\$5,500.00
32	Intake Type SW-509	EA	6.000	7.000	7.000		\$54,250.00
33	Intake Type SW-541 with SW-542 Extension	EA	2.000	4.000	4.000		\$40,000.00
34	Manhole Adjustment, Minor	EA	5.000	24.000	24.000		\$48,000.00
35	Connection to Existing Structure	EA	15.000	10.000	10.000		\$35,000.00
36	Remove Manhole	EA	8.000	5.000	5.000		\$2,500.00
37	Remove Intake	EA	17.000	31.000	31.000		\$15,500.00
38	Pavement, PCC, 8"	SY	1,255.000	1,358.100	1,358.100		\$108,648.00
39	Curb and Gutter, 2.0', 4"	LF	2,970.000	2,741.000	2,741.000		\$109,640.00
40	Curb and Gutter, 2.5', 6"	LF	2,895.000	7,046.600	7,046.600		\$317,097.00
41	Pavement, HMA HT Base, 3/4" Mix, PG 58-28 S	TON	435.000	0.000	0.000		\$95.00
42	Pavement, HMA ST Base, 3/4" Mix, PG 58-28 S	TON	1,495.000	2,392.500	2,392.500		\$227,287.50
43	Pavement, HMA HT Surface, 1/2" Mix, No Fric., PG 58-28 V	TON	140.000	0.000	0.000		\$105.00
44	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 S	TON	1,520.000	2,297.840	2,297.840		\$218,294.80
45	HMA Pavement Samples and Testing	LS	1.000	0.000	0.000		\$3,500.00
46	Removal of Sidewalk	SY	2,180.000	1,648.100	1,648.100		\$24,721.50
47	Removal of Driveway	SY	955.000	1,167.200	1,167.200		\$17,508.00
48	Sidewalk, PCC, 4"	SY	1,665.000	1,430.500	1,430.500		\$85,830.00
49	Sidewalk, PCC, 6"	SY	420.000	1,211.400	1,211.400		\$84,798.00
50	Detectable Warning	SF	643.000	653.000	653.000		\$29,385.00
51	Driveway, Paved, PCC, 7"	SY	1,065.000	1,393.600	1,393.600		\$100,339.20
52	Pavement Removal	SY	14,350.000	16,598.400	16,598.400		\$248,976.00
53	Engineering Fabric	SY	3,400.000	2,969.000	2,969.000		\$8,907.00
54	Underdrain, PVC, 6"	LF	1,500.000	1,499.000	1,499.000		\$26,982.00
55	Storage Aggregate	TON	3,160.000	1,751.070	1,751.070		\$78,798.15
56	Filter Aggregate	TON	250.000	682.410	682.410		\$34,120.50
57	Permeable Interlocking Pavers, Concrete	SY	1,200.000	1,200.000	1,200.000		\$96,000.00
58	PCC Edge Restraint, 12"x6"	LF	1,640.000	1,515.900	1,515.900		\$45,477.00
59	Traffic Control	LS	1.000	1.000	1.000		\$95,000.00
60	Painted Pavement Markings, Solvent/Waterborne	STA	40.100	23.840	23.840		\$953.60
61	Pavement Markings Removed	STA	18.300	0.000	0.000		\$0.00
62	Precut Symbols and Legends	EA	1.000	0.000	0.000		\$350.00
63	Hydraulic Seeding, Seeding, Fertilizing, and Mulching	AC	1.500	2.860	2.860		\$30,030.00
64	Stormwater Pollution Prevention	LS	1.000	1.000	1.000		\$5,750.00
65	Erosion Control Mulching, Hydromulching	AC	1.500	0.960	0.960		\$3,840.00
66	Inlet Protection Device	EA	77.000	87.000	87.000		\$12,180.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
67	Inlet Protection Device, Maintenance	EA	77.000	59.000	59.000	\$25.00	\$1,475.00
68	Linear Erosion Control	LF	1,000.000	775.000	775.000	\$1.50	\$1,162.50
69	Linear Erosion Control, Removal	LF	1,000.000	775.000	775.000	\$0.25	\$193.75
70	Tree Protection Fence	LF	2,200.000	1,646.000	1,646.000	\$2.50	\$4,115.00
71	Tree Trimming	EA	19.000	20.000	20.000	\$1,000.00	\$20,000.00
72	Mobilization	LS	1.000	1.000	1.000	\$326,000.00	\$326,000.00
73	Maintenance of Postal Service	LS	1.000	1.000	1.000	\$5,000.00	\$5,000.00
74	Maintenance of Solid Waste Collection	LS	1.000	1.000	1.000	\$5,000.00	\$5,000.00
75	Concrete Washout	LS	1.000	1.000	1.000	\$3,500.00	\$3,500.00
1.01	Backfill, Native Material, Credit	LF	0.000	965.000	965.000	(\$6.50)	(\$6,272.50)
1.02	Storm Sewer Polypropylene Pipe, Credit	LF	0.000	280.000	280.000	(\$12.00)	(\$3,360.00)
1.03	Topsoil, Offsite	TON	0.000	784.720	784.720	\$41.25	\$32,369.70
1.04	Delolition, Steel Rail Track	LF	0.000	2,053.000	2,053.000	\$44.00	\$90,332.00
1.05	Delolition, Steel Rail, 25th & Pleasant	LS	0.000	1.000	1.000	\$2,896.85	\$2,896.85
1.06	Sidewalk Adjustment, Area 4	LS	0.000	1.000	1.000	\$1,311.04	\$1,311.04
2.01	Traffic Control Modifications, Area 8	LS	0.000	1.000	1.000	\$1,925.00	\$1,925.00
2.02	Sanitary Sewer Spot Repair, Area 14	LS	0.000	1.000	1.000	\$16,044.81	\$16,044.81
2.03	Subbase Stabilization Rock	TON	0.000	142.060	142.060	\$36.30	\$5,156.77
2.04	Excavation, Class 10, Permeable Paver Storage	CY	0.000	1,500.000	1,500.000	\$19.00	\$28,500.00
3.01	Backwater Valve, Sanitary Sewer Service	EA	0.000	2.000	2.000	\$1,815.00	\$3,630.00
3.02	Pavement Removal, Special, Area 9	LS	0.000	1.000	1.000	\$3,751.00	\$3,751.00
3.03	Retaining Wall, Modular Block	SF	0.000	130.000	130.000	\$41.25	\$5,362.50
3.04	Trench Shoring, Area 3B	LS	0.000	1.000	1.000	\$3,630.00	\$3,630.00
3.05	Milling	SY	0.000	452.000	452.000	\$21.74	\$9,826.48
3.06	Sanitary Sewer Spot Repair, Area 13	LS	0.000	1.000	1.000	\$10,783.63	\$10,783.63
3.07	Sanitary Manhole Reconstruction, Area 3	LS	0.000	1.000	1.000	\$6,491.43	\$6,491.43
4.01	Sanitary Manhole Reconstruction, Area 13	LS	0.000	1.000	1.000	\$8,624.33	\$8,624.33
4.02	Retaining Wall, PCC, Area 9 and Area 13 PCC Curb Rebar	LS	0.000	1.000	1.000	\$4,397.75	\$4,397.75
4.03	Manhole Adjustment, Concrete Boxout	EA	0.000	27.000	27.000	\$500.00	\$13,500.00
4.04	Manhole Adjustment, No Chimney Seal Deduct	EA	0.000	22.000	22.000	(\$430.00)	(\$9,460.00)
4.05	Storm Sewer, Trenched, RCP, 30"	LF	0.000	489.400	489.400	\$326.37	\$159,725.48
4.06	Storm Sewer, Trenched, RCP, 36"	LF	0.000	17.000	17.000	\$446.35	\$7,587.95
4.07	Manhole Type SW-401, 72"	EA	0.000	1.000	1.000	\$12,650.00	\$12,650.00
4.08	ST-5.4B Additional Depth	LS	0.000	1.000	1.000	\$5,000.00	\$5,000.00
4.09	ST-5.3 Additional Depth	LS	0.000	1.000	1.000	\$3,250.00	\$3,250.00
4.10	SW-542 Extension (ST-5.4D)	LS	0.000	1.000	1.000	\$3,250.00	\$3,250.00
6.01	Sanitary Sewer Spot Repair, Area 5	LS	0.000	1.000	1.000	\$4,953.06	\$4,953.06
6.02	Excavation, Class 10	CY	0.000	1,994.000	1,994.000	\$19.00	\$37,886.00

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
6.03	Milling, Area 5	LS	0.000	1.000	1.000	\$2,750.00	\$2,750.00
6.04	Pavement Marking, Area 8	LS	0.000	1.000	1.000	\$605.00	\$605.00
6.05	Beam Curb, Area 5 and PCC Curb Reinforcement, Area 13	LS	0.000	1.000	1.000	\$1,988.45	\$1,988.45
6.06	Salvage Brick Sidewalk, Area 13	LS	0.000	1.000	1.000	\$969.53	\$969.53
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$5,262,780.36				
PARTIAL PAYMENT NO. 1			\$82,328.81				
PARTIAL PAYMENT NO. 2			\$522,500.91				
PARTIAL PAYMENT NO. 3			\$334,134.45				
PARTIAL PAYMENT NO. 4			\$338,892.15				
PARTIAL PAYMENT NO. 5			\$605,072.33				
PARTIAL PAYMENT NO. 6			\$409,903.74				
PARTIAL PAYMENT NO. 7			\$443,732.45				
PARTIAL PAYMENT NO. 8			\$490,749.20				
PARTIAL PAYMENT NO. 9			\$82,932.96				
PARTIAL PAYMENT NO. 10			\$464,882.96				
PARTIAL PAYMENT NO. 11			\$314,696.15				
PARTIAL PAYMENT NO. 12			\$393,160.33				
PARTIAL PAYMENT NO. 13			\$95,389.08				
PARTIAL PAYMENT NO. 14			\$526,521.43				
THIS PARTIAL PAYMENT NO. 15			\$0.00				
TOTAL PARTIAL PAYMENTS			\$5,104,896.95				
BALANCE			\$157,883.41				

TOTAL	\$5,262,780.36
RETAINAGE	\$157,883.41
TOTAL LESS RETAINAGE	\$5,104,896.95
LESS PREVIOUS PAYMENT	\$5,104,896.95
AMOUNT DUE	\$0.00

PREPARED BY: SM. EL

CHECKED BY: Matthew B...

PARTIAL PAYMENT NO. 15 (FINAL)

QB