



Date November 20, 2023

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR E. DOUGLAS AVENUE RECONSTRUCTION - E. 42ND STREET TO E. 56TH STREET, ELDER CORPORATION

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. Douglas Avenue Reconstruction - E. 42nd Street to E. 56th Street, 062018014, in accordance with the contract approved between Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA, 50327, under Roll Call No. 21-0432, of March 08, 2021, 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 \$6,160,338.18 is the total cost, of which \$6,130,338.18 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 \$30,000.00 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:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance

SLN
pw

Funding Source: 2023-24 CIP, Page 125, E. Douglas Ave. Reconstruction - E 42nd - E 56th, ST270, \$5,800,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(841)--SG-77, \$64,288 from Des Moines Water Works, and the remaining \$296,050.18 in G.O. Bonds



Roll Call Number

Agenda Item Number

9A

Date November 20, 2023

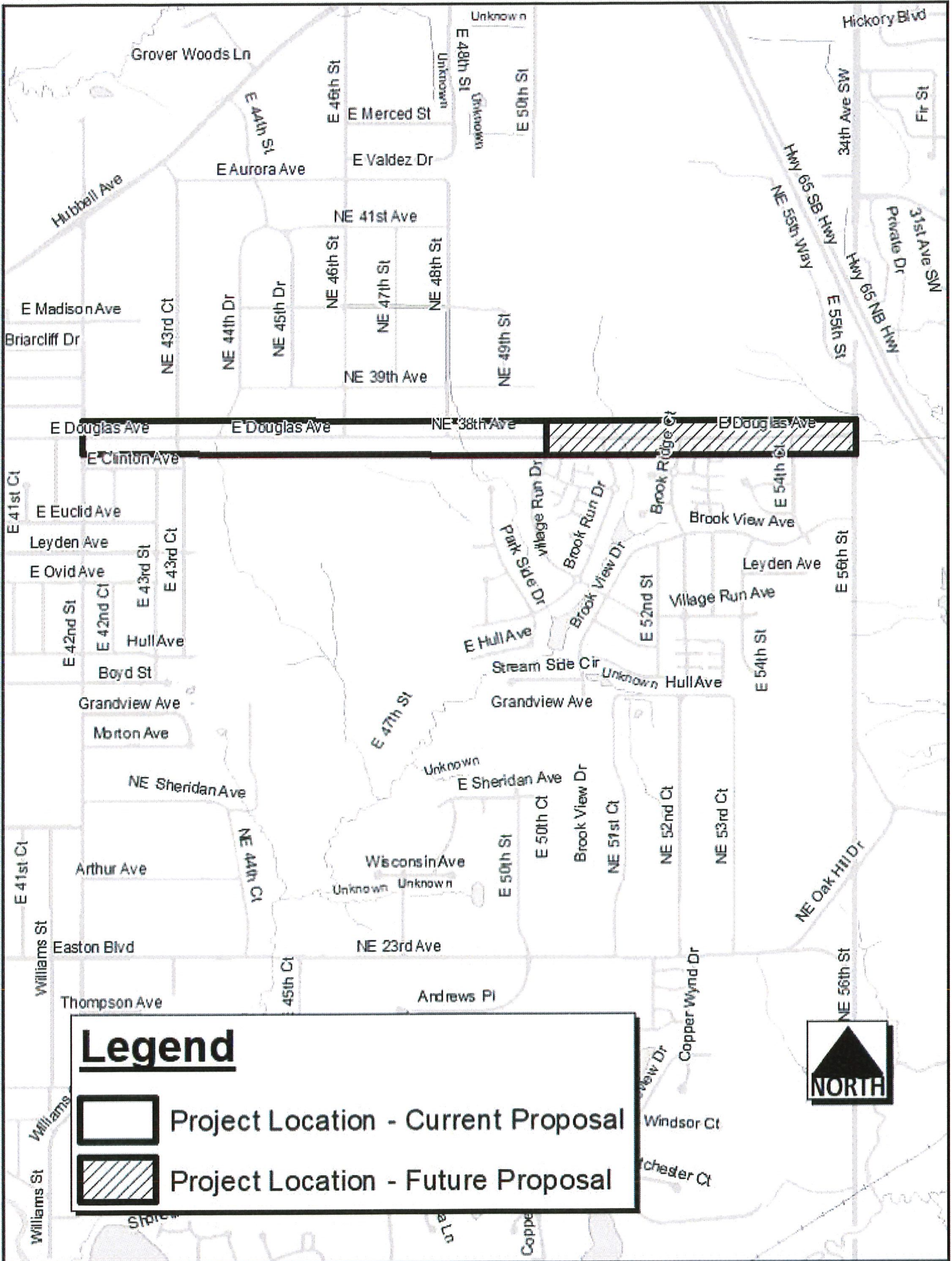
COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				
MOTION CARRIED			APPROVED	
_____ Mayor				

CERTIFICATE

I, Laura Baumgartner, 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

E. Douglas Avenue Reconstruction - E. 42nd Street to E. 56th Street

Activity ID 062018014

On March 8, 2021, under Roll Call No. 21-0432, the Council awarded the contract for the above improvements to Elder Corporation, in the amount of \$6,168,000.00. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	6/29/2021 Quantity adjustments to Class 10 and sanitary services. Remove sanitary manholes and main.	\$43,340.00
2	City	9/29/2021 Storm sewer and water valve adjustments	\$33,849.00
3	City	2/2/2022 Curb and gutter and signage	\$13,361.98
4	City	10/18/2022 Driveway grinding, additional traffic control, EMS siren and storm sewer items	\$24,636.30
5	City	5/16/2023 Final constructed change order	\$(122,849.10)
Original Contract Amount			\$6,168,000.00
Total Change Orders			\$(7,661.82)
Percent of Change Orders to Original Contract			(0.12)%
Total Contract Amount			\$6,160,338.18

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Department of Engineering
City of Des Moines, Iowa



November 20, 2023

CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the E. Douglas Avenue Reconstruction - E. 42nd Street to E. 56th Street, Elder Corporation.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$6,160,338.18 As-Built Contract Cost

Funding Source: 2023-24 CIP, Page 125, E. Douglas Ave. Reconstruction - E 42nd - E 56th, ST270, Being: \$5,800,000 (maximum) Surface Transportation Block Grant Program Federal-aid Swap funds being 100% of eligible construction costs under STBG-SWAP-1945(841)--SG-77, \$64,288 from Des Moines Water Works, and the remaining \$296,050.18 in G.O. Bonds

CERTIFICATION OF COMPLETION:


On March 8, 2021, under Roll Call No. 21-0432, the City Council awarded a contract to Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA 50327 for the construction of the following improvement:

E. Douglas Avenue Reconstruction - E. 42nd Street to E. 56th Street, 062018014

The improvement includes construction of Portland Cement Concrete (PCC) pavement eight (8) inches thick, PCC sidewalks, driveways, and trail, along with earthwork, clearing and grubbing, erosion control, subdrains, storm sewers, traffic control, traffic signals, surface restoration, necessary removals, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 617-001/258, located on East Douglas Avenue between East 42nd Street and East 56th Street in Des Moines, Iowa.

I hereby certify that the construction of said E. Douglas Avenue Reconstruction - E. 42nd Street to E. 56th Street, Activity ID 062018014, 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 May 3, 2021, and was completed on August 18, 2023.

I further certify that \$6,160,338.18 is the total cost of said improvement, of which \$6,130,338.18 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 \$30,000.00 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

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ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA



ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 05/17/23 to 05/18/23
FINAL PAYMENT

IDOT #: STBG-SWAP-1945(841)--SG-77
ACTIVITY ID: 06-2018-014
DATE: 5/18/2023

PROJECT: E. DOUGLAS AVENUE RECONSTRUCTION - E. 42ND ST. TO E. 56TH ST.
CONTRACTOR: ELDER CORPORATION

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES					UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	TO DATE DIVISION 1 & 2	TO DATE DIVISION 3		
1	CLEARING AND GRUBBING	ACRE	3.50	3.50	3.50	3.50	0.00	\$ 10,000.00	\$35,000.00
2	CLEARING AND GRUBBING	UNIT	1,370.00	1,370.00	1,370.00	1,370.00	0.00	\$ 29.00	\$39,730.00
3	SPECIAL BACKFILL	CY	50.00	18.60	18.60	18.60	0.00	\$ 118.00	\$2,194.80
4	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	57,730.00	74,530.00	74,530.00	74,530.00	0.00	\$ 6.75	\$503,077.50
5	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	CY	10.00	10.00	10.00	10.00	0.00	\$ 47.00	\$470.00
6	TOPSOIL, FURNISH + SPREAD	CY	9,100.00	9,100.00	9,100.00	9,100.00	0.00	\$ 14.25	\$129,675.00
7	TOPSOIL, STRIP SALVAGE AND SPREAD	CY	10,065.00	10,065.00	10,065.00	10,065.00	0.00	\$ 10.50	\$105,682.50
8	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	4,000.00	4,000.00	4,000.00	4,000.00	0.00	\$ 3.00	\$12,000.00
9	SPECIAL COMPACTION OF SUBGRADE	STA	73.00	73.00	73.00	73.00	0.00	\$ 1,000.00	\$73,000.00
10	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	SY	7,500.00	6,764.10	6,764.10	6,764.10	0.00	\$ 3.00	\$20,292.30
11	MODIFIED SUBBASE	CY	10,800.00	11,705.29	11,705.29	11,705.29	0.00	\$ 54.00	\$632,085.66
12	SHOULDER FINISHING, EARTH	STA	164.00	164.00	164.00	164.00	0.00	\$ 140.00	\$22,960.00
13	RELOCATION OF MAIL BOXES	EACH	52.00	55.00	55.00	55.00	0.00	\$ 350.00	\$19,250.00
14	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT	SY	24,200.00	24,208.50	24,208.50	24,208.50	0.00	\$ 52.00	\$1,258,842.00
15	TEMPORARY PAVEMENT	SY	400.00	225.00	225.00	225.00	0.00	\$ 39.00	\$8,775.00
16	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	150.00	32.61	32.61	32.61	0.00	\$ 35.00	\$1,141.35
17	REMOVALS, AS PER PLAN	LS	1.00	1.00	1.00	1.00	0.00	\$ 27,000.00	\$27,000.00
18	GRANULAR BACKFILL	TON	580.00	0.00	0.00	0.00	0.00	\$ 36.00	\$0.00
19	FLOODED BACKFILL	CY	143.00	446.90	446.90	446.90	0.00	\$ 68.00	\$30,389.20
20	EXCAVATION, CLASS 20	CY	555.00	553.78	553.78	553.78	0.00	\$ 34.00	\$18,828.52
21	STRUCTURAL CONCRETE (RCB CULVERT)	CY	65.30	72.30	72.30	72.30	0.00	\$ 770.00	\$55,671.00
22	REINFORCING STEEL	LB	8,161.00	7,961.00	7,961.00	7,961.00	0.00	\$ 1.75	\$13,931.75
23	PRECAST CONCRETE BOX CULVERT, 4 FT. X 4 FT.	LF	32.00	0.00	0.00	0.00	0.00	\$ 840.00	\$0.00
24	PRECAST CONCRETE BOX CULVERT, 5 FT. X 4 FT.	LF	54.00	54.00	54.00	54.00	0.00	\$ 630.00	\$34,020.00
25	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 5 FT. X 4	EACH	1.00	1.00	1.00	1.00	0.00	\$ 11,000.00	\$11,000.00
26	APRONS, CONCRETE, 18 IN. DIA.	EACH	2.00	0.00	0.00	0.00	0.00	\$ 1,700.00	\$0.00
27	APRONS, CONCRETE, 30 IN. DIA.	EACH	2.00	2.00	2.00	2.00	0.00	\$ 2,100.00	\$4,200.00
28	APRONS, CONCRETE, 36 IN. DIA.	EACH	1.00	1.00	1.00	1.00	0.00	\$ 2,900.00	\$2,900.00
29	APRONS, CONCRETE, 48 IN. DIA.	EACH	1.00	1.00	1.00	1.00	0.00	\$ 3,800.00	\$3,800.00
30	APRONS, CONCRETE, 60 IN. DIA.	EACH	1.00	2.00	2.00	2.00	0.00	\$ 4,700.00	\$9,400.00
31	TEMPORARY STREAM DIVERSION	EACH	1.00	1.00	1.00	1.00	0.00	\$ 30,000.00	\$30,000.00
32	SEGMENTAL BLOCK RETAINING WALL	SF	1,100.00	1,100.00	1,100.00	1,100.00	0.00	\$ 54.00	\$59,400.00
33	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EACH	5.00	0.00	0.00	0.00	0.00	\$ 5,900.00	\$0.00
34	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	4.00	3.00	3.00	3.00	0.00	\$ 3,500.00	\$10,500.00
35	MANHOLE, STORM SEWER, SW-404, MODIFIED	EACH	1.00	1.00	1.00	1.00	0.00	\$ 29,000.00	\$29,000.00
36	INTAKE, SW-501	EACH	16.00	17.00	17.00	17.00	0.00	\$ 4,300.00	\$73,100.00
37	INTAKE, SW-503	EACH	16.00	16.00	16.00	16.00	0.00	\$ 7,200.00	\$115,200.00
38	INTAKE, SW-505	EACH	4.00	4.00	4.00	4.00	0.00	\$ 7,200.00	\$28,800.00
39	INTAKE, SW-506	EACH	4.00	4.00	4.00	4.00	0.00	\$ 9,000.00	\$36,000.00
40	INTAKE, SW-512, 24 IN.	EACH	8.00	7.00	7.00	7.00	0.00	\$ 1,800.00	\$12,600.00

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES					UNIT PRICE	TOTAL AMOUNT	
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	TO DATE DIVISION 1 & 2	TO DATE DIVISION 3			CONSTRUCTED THIS PERIOD
41	INTAKE, SW-512, 30 IN.	EACH	2.00	2.00	2.00	2.00		0.00	\$ 2,300.00	\$4,600.00
42	INTAKE, SW-512, 36 IN.	EACH	1.00	1.00	1.00	1.00		0.00	\$ 2,700.00	\$2,700.00
43	MANHOLE ADJUSTMENT, MINOR	EACH	4.00	4.00	4.00	4.00		0.00	\$ 1,100.00	\$4,400.00
44	INTAKE ADJUSTMENT, MAJOR	EACH	2.00	5.00	5.00	5.00		0.00	\$ 1,900.00	\$9,500.00
45	CONNECTION TO EXISTING MANHOLE	EACH	1.00	2.00	2.00	2.00		0.00	\$ 4,000.00	\$8,000.00
46	SUBDRAIN, PVC, STANDARD, PERFORATED, 6 IN.	LF	14,500.00	13,987.00	13,987.00	13,987.00		0.00	\$ 11.50	\$160,850.50
47	SUBDRAIN OUTLET, DR-303	EACH	44.00	47.00	47.00	47.00		0.00	\$ 410.00	\$19,270.00
48	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE	LF	120.00	120.00	120.00	120.00		0.00	\$ 47.00	\$5,640.00
49	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	2,920.00	2,608.00	2,608.00	2,608.00		0.00	\$ 59.00	\$153,872.00
50	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	1,575.00	1,572.00	1,572.00	1,572.00		0.00	\$ 59.00	\$92,748.00
51	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	905.00	874.00	874.00	874.00		0.00	\$ 72.00	\$62,928.00
52	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	126.00	125.00	125.00	125.00		0.00	\$ 88.00	\$11,000.00
53	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	75.00	82.00	82.00	82.00		0.00	\$ 102.00	\$8,364.00
54	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	20.00	24.00	24.00	24.00		0.00	\$ 300.00	\$7,200.00
55	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE	LF	175.00	203.00	203.00	203.00		0.00	\$ 204.00	\$41,412.00
56	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	1,500.00	1,326.00	1,326.00	1,326.00		0.00	\$ 27.50	\$36,465.00
57	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.	LF	450.00	122.00	122.00	122.00		0.00	\$ 34.00	\$4,148.00
58	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE	LF	1,065.00	0.00	0.00	0.00		0.00	\$ 65.00	\$0.00
59	SANITARY SEWER SERVICE STUB, TRENCHED, POLYVINYL CHLORIDE PIPE	LF	60.00	493.00	493.00	493.00		0.00	\$ 91.00	\$44,863.00
60	ENGINEERING FABRIC	SY	1,500.00	424.40	424.40	424.40		0.00	\$ 5.50	\$2,334.20
61	REVTMENT, CLASS D	TON	500.00	338.49	338.49	338.49		0.00	\$ 79.00	\$26,740.71
62	REVTMENT, CLASS E	TON	845.00	412.83	412.83	412.83		0.00	\$ 76.00	\$31,375.08
63	EROSION STONE	TON	95.00	64.96	64.96	64.96		0.00	\$ 70.00	\$4,547.20
64	REMOVAL OF PAVEMENT	SY	21,550.00	21,550.00	21,550.00	21,550.00		0.00	\$ 9.75	\$210,112.50
65	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	SY	9,379.00	8,951.50	8,951.50	8,951.50		0.00	\$ 34.00	\$304,351.00
66	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	86.00	86.00	86.00	86.00		0.00	\$ 450.00	\$38,700.00
67	REMOVAL OF SIDEWALK	SY	1,070.00	1,070.00	1,070.00	1,070.00		0.00	\$ 13.00	\$13,910.00
68	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	42.00	79.80	79.80	79.80		0.00	\$ 44.00	\$3,511.20
69	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	140.00	217.10	217.10	217.10		0.00	\$ 61.00	\$13,243.10
70	DETECTABLE WARNINGS	SF	410.00	288.00	288.00	288.00		0.00	\$ 45.00	\$12,960.00
71	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	2,725.00	3,315.33	3,315.33	3,315.33		0.00	\$ 48.00	\$159,135.84
72	REMOVAL OF PAVED DRIVEWAY	SY	1,715.00	1,939.50	1,939.50	1,939.50		0.00	\$ 11.50	\$22,304.25
73	FENCE CHAIN LINK, VINYL COATED	LF	190.00	233.00	233.00	233.00		0.00	\$ 64.00	\$14,912.00
74	REMOVAL OF FENCE, CHAIN LINK	LF	220.00	89.00	89.00	89.00		0.00	\$ 3.75	\$333.75
75	REMOVAL OF FENCE, WOOD SPLIT RAIL	LF	105.00	35.00	35.00	35.00		0.00	\$ 11.75	\$411.25
76	TRAFFIC SIGNALIZATION	LS	1.00	1.00	1.00	1.00		0.00	\$ 15,000.00	\$15,000.00
77	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	100.00	98.12	98.12	98.12		0.00	\$ 35.00	\$3,434.20
78	PAINTED PAVEMENT MARKINGS, DURABLE	STA	27.00	0.00	0.00	0.00		0.00	\$ 111.00	\$0.00
79	PERMANENT TAPE MARKINGS, PROFILED PAVEMENT MARKING TAPE	STA	85.00	147.88	147.88	147.88		0.00	\$ 460.00	\$68,024.80
80	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	5.00	3.00	3.00	3.00		0.00	\$ 81.00	\$243.00
81	PAINTED SYMBOLS AND LEGENDS, DURABLE	EACH	5.00	5.00	5.00	5.00		0.00	\$ 202.00	\$1,010.00
82	GROOVES CUT FOR PAVEMENT MARKINGS	STA	100.00	147.88	147.88	147.88		0.00	\$ 61.00	\$9,020.68
83	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	5.00	5.00	5.00	5.00		0.00	\$ 121.00	\$605.00
84	SAFETY CLOSURE	EACH	18.00	19.00	19.00	19.00		0.00	\$ 202.00	\$3,838.00
85	TRAFFIC CONTROL	LS	1.00	1.00	1.00	1.00		0.00	\$ 44,000.00	\$44,000.00
86	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	180.00	98.00	98.00	98.00		0.00	\$ 101.00	\$9,898.00
87	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	120.00	262.20	262.20	262.20		0.00	\$ 160.00	\$41,952.00
88	MOBILIZATION	LS	1.00	1.00	1.00	1.00		0.00	\$ 263,067.50	\$263,067.50

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ITEM NO.	DESCRIPTION	UNIT	QUANTITIES						UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	TO DATE DIVISION 1 & 2	TO DATE DIVISION 3	CONSTRUCTED THIS PERIOD		
89	TRENCH COMPACTION TESTING	LS	1.00	1.00	1.00	1.00		0.00	\$ 10,000.00	\$10,000.00
90	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE (PVC), 8 IN.	LF	25.00	18.00	18.00		18.00	0.00	\$ 71.00	\$1,278.00
91	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE (PVC), 12 IN.	LF	120.00	79.00	79.00		79.00	0.00	\$ 82.00	\$6,478.00
92	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE (PVC), 12 IN.	LF	100.00	16.00	16.00		16.00	0.00	\$ 170.00	\$2,720.00
93	FITTINGS BY WEIGHT, DUCTILE IRON	LB	7,616.00	4,352.00	4,352.00		4,352.00	0.00	\$ 6.00	\$26,112.00
94	FIRE HYDRANT ASSEMBLY, WM-201, STA 101+00	LS	1.00	1.00	1.00		1.00	0.00	\$ 15,000.00	\$15,000.00
95	FIRE HYDRANT ASSEMBLY, WM-201, STA 106+07	LS	1.00	1.00	1.00		1.00	0.00	\$ 11,000.00	\$11,000.00
96	INTAKE, INLINE DRAIN BASIN, PVC, 12 IN.	EACH	2.00	2.00	2.00	2.00		0.00	\$ 1,700.00	\$3,400.00
97	INTAKE, SW-513, MODIFIED, 7 FT. X 6 FT.	EACH	1.00	1.00	1.00	1.00		0.00	\$ 9,000.00	\$9,000.00
98	INTAKE, SW-513, MODIFIED, 8 FT. X 6 FT.	EACH	1.00	1.00	1.00	1.00		0.00	\$ 14,000.00	\$14,000.00
99	TREE PROTECTION FENCE	LF	5,000.00	522.00	522.00	522.00		0.00	\$ 5.50	\$2,871.00
100	FIBER INTERCONNECT	LS	1.00	1.00	1.00	1.00		0.00	\$ 177,000.00	\$177,000.00
101	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.00	1.00	1.00	1.00		0.00	\$ 40,000.00	\$40,000.00
102	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.00	1.00	1.00	1.00		0.00	\$ 4,300.00	\$4,300.00
103	TREE PROTECTION	LS	1.00	1.00	1.00	1.00		0.00	\$ 26,000.00	\$26,000.00
104	ARTICULATING CONCRETE BLOCK MATRESS	SF	2,380.00	5,070.00	5,070.00	5,070.00		0.00	\$ 28.50	\$144,495.00
105	FOUNDATION ROCK	TON	175.00	0.00	0.00		0.00	0.00	\$ 39.00	\$0.00
106	MANUFACTURED SAND	TON	1,000.00	0.00	0.00	0.00		0.00	\$ 41.00	\$0.00
107	MULCHING	ACRE	23.20	3.94	3.94	3.94		0.00	\$ 560.00	\$2,206.40
108	MULCHING, BONDED FIBER MATRIX	ACRE	18.00	2.36	2.36	2.36		0.00	\$ 2,300.00	\$5,428.00
109	MULCHING, MECHANICALLY-BONDED FIBER MATRIX	ACRE	6.40	0.00	0.00	0.00		0.00	\$ 2,300.00	\$0.00
110	WETLAND GRASS SEEDING	ACRE	0.60	0.96	0.96	0.96		0.00	\$ 1,400.00	\$1,344.00
111	SEEDING AND FERTILIZING (RURAL)	ACRE	5.80	3.94	3.94	3.94		0.00	\$ 630.00	\$2,482.20
112	SEEDING AND FERTILIZING (URBAN)	ACRE	18.00	1.62	1.62	1.62		0.00	\$ 1,200.00	\$1,944.00
113	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	500.00	71.95	71.95	71.95		0.00	\$ 10.00	\$719.50
114	SODDING	SQ	1,500.00	753.00	753.00	753.00		0.00	\$ 48.00	\$36,144.00
115	SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	SQ	145.00	0.00	0.00	0.00		0.00	\$ 12.00	\$0.00
116	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	3.00	1.62	1.62	1.62		0.00	\$ 960.00	\$1,555.20
117	TURF REINFORCEMENT MAT, TYPE 2	SQ	120.00	0.00	0.00	0.00		0.00	\$ 40.00	\$0.00
118	SILT FENCE	LF	17,000.00	1,721.00	1,721.00	1,721.00		0.00	\$ 1.25	\$2,151.25
119	SILT FENCE FOR DITCH CHECKS	LF	1,000.00	515.00	515.00	515.00		0.00	\$ 1.25	\$643.75
120	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	18,000.00	2,236.00	2,236.00	2,236.00		0.00	\$ 0.10	\$223.60
121	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	18,000.00	2,877.00	2,877.00	2,877.00		0.00	\$ 0.10	\$287.70
122	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	3,000.00	10,890.00	10,890.00	10,890.00		0.00	\$ 2.00	\$21,780.00
123	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	3,000.00	10,890.00	10,890.00	10,890.00		0.00	\$ 0.25	\$2,722.50
124	MOBILIZATIONS, EROSION CONTROL	EACH	15.00	17.00	17.00	17.00		0.00	\$ 500.00	\$8,500.00
125	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	2.00	0.00	0.00	0.00		0.00	\$ 1,000.00	\$0.00

9A

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES						UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	TO DATE DIVISION 1 & 2	TO DATE DIVISION 3	CONSTRUCTED THIS PERIOD		
Change Order Items										
8001.00	12 INCH HDPE	LF	0.00	173.00	173.00			0.00	\$ 90.00	\$15,570.00
8002.00	18 INCH HDPE	LF	0.00	24.00	24.00			0.00	\$ 115.00	\$2,760.00
8003.00	12 INCH CMP FES	EACH	0.00	1.00	1.00			0.00	\$ 960.00	\$960.00
8004.00	CONNECT TO EXISTING PIPE	EACH	0.00	2.00	2.00			0.00	\$ 3,100.00	\$6,200.00
8005.00	INTAKE BOX MODIFICATIONS	EACH	0.00	3.00	3.00			0.00	\$ 2,400.00	\$7,200.00
8006.00	FLOWABLE CONCRETE	CY	0.00	18.00	18.00			0.00	\$ 140.00	\$2,520.00
8007.00	FLAGGERS	EACH	0.00	8.00	8.00			0.00	\$ 605.00	\$4,840.00
8008.00	VALVE BOX REPLACEMENT	EACH	0.00	4.00	4.00			0.00	\$ 860.00	\$3,440.00
8009.00	CURB BOX AND ROD REPLACEMENT	EACH	0.00	4.00	4.00			0.00	\$ 875.00	\$3,500.00
8010.00	INLET PROTECTION DEVICE	EACH	0.00	35.00	35.00			0.00	\$ 214.50	\$7,507.50
8011.00	INLET PROTECTION DEVICE, MAINTENANCE	EACH	0.00	48.00	48.00			0.00	\$ 38.50	\$1,848.00
8012.00	INLET PROTECTION DEVICE, REMOVAL	EACH	0.00	35.00	35.00			0.00	\$ 38.50	\$1,347.50
8013.00	8 IN. GATE VALVE	EACH	0.00	1.00	1.00			0.00	\$ 1,700.00	\$1,700.00
8014.00	CURB AND GUTTER, P.C. CONCRETE, 1.5 FT.	LF	0.00	62.50	62.50			0.00	\$ 55.00	\$3,437.50
8015.00	REMOVE AND REINSTALL SIGN	EACH	0.00	6.00	6.00			0.00	\$ 150.70	\$904.20
8016.00	PERFORATED SQUARE STEEL TUBE POSTS	LF	0.00	242.50	242.50			0.00	\$ 24.11	\$5,846.68
8017.00	TYPE A SIGNS, SHEET ALUMINUM	SF	0.00	206.45	206.45			0.00	\$ 45.49	\$9,391.41
8018.00	DRIVEWAY GRINDING	LS	0.00	1.00	1.00			0.00	\$ 825.00	\$825.00
8019.00	ADDITIONAL TRAFFIC CONTROL	WK	0.00	15.00	15.00			0.00	\$ 53.13	\$796.95
8020.00	EMS SIREN RELOCATION	LS	0.00	1.00	1.00			0.00	\$ 1,980.00	\$1,980.00
8021.00	APRON GUARDS, 60 IN. DIA.	EACH	0.00	2.00	2.00			0.00	\$ 6,050.00	\$12,100.00
8022.00	SOLID PIPE REROUTE, 4 IN. DIA.	LS	0.00	1.00	1.00			0.00	\$ 5,000.00	\$5,000.00
8023.00	APRON, CONCRETE, 24 IN. DIA.	EACH	0.00	1.00	1.00			0.00	\$ 4,200.00	\$4,200.00
8024.00	GRADING ELEVATION CHANGES	LS	0.00	1.00	1.00			0.00	\$ 7,560.00	\$7,560.00
8025.00	ADDITIONAL SIDEWALK CLOSURE	LS	0.00	1.00	1.00			0.00	\$ 265.00	\$265.00
ORIGINAL CONTRACT AMOUNT			\$	6,168,000.00						
TOTAL CHANGE ORDERS			\$	(7,661.82)						
ORIGINAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$	6,160,338.18						
PAYMENT #1			\$	159,059.08						
PAYMENT #2			\$	8,320.66						
PAYMENT #3			\$	478,915.26						
PAYMENT #4			\$	202,191.84						
PAYMENT #5			\$	466,326.09						
PAYMENT #6			\$	833,580.17						
PAYMENT #7			\$	464,631.89						
PAYMENT #8			\$	823,551.33						
PAYMENT #9			\$	58,660.23						
PAYMENT #10			\$	71,014.31						
PAYMENT #11			\$	148,208.25						
PAYMENT #12			\$	327,554.03						
PAYMENT #13			\$	222,634.45						
PAYMENT #14			\$	903,311.45						
PAYMENT #15			\$	454,285.03						
PAYMENT #16			\$	176,161.46						
PAYMENT #17			\$	149,552.08						

9A

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES					CONSTRUCTED THIS PERIOD	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	TO DATE DIVISION 1 & 2	TO DATE DIVISION 3			
	PAYMENT #18		\$	160,555.57						
	PAYMENT #19		\$	21,825.00						
	THIS PARTIAL PAYMENT		\$	-						
	TOTAL PARTIAL PAYMENTS		\$	6,130,338.18						
	BALANCE		\$	30,000.00						
	APPROXIMATE PERCENT COMPLETE			100.0%						

PREPARED BY: Andy Williamson
Project Inspector

CHECKED BY: Bruce Brookman
Project Engineer

TOTAL	\$6,160,338.18
RETAINAGE	\$ 30,000.00
TOTAL LESS RETAINAGE	\$6,130,338.18
LESS PREVIOUS PAYMENT	\$ 6,130,338.18
AMOUNT DUE	\$0.00

FINAL PAYMENT

	TOTAL	RETAINAGE	TOTAL
DIVISION 1 (PARTICIPATING)	\$6,096,050.18	\$30,000.00	\$6,066,050.18
DIVISION 2 (NON-PARTICIPATING)	\$64,288.00	\$0.00	\$64,288.00
AMOUNT DUE			\$6,130,338.18