

SUMMARY TABLE
FOR
PARTIAL PAYMENTS
August 18, 2022

1. Absolute construction Enterprises, Inc. for Waukesha Public Library Renovation and Addition - 321 Wisconsin Ave.	\$68,700.00
2. LaLonde Contractors, Inc. for E. Main Street - Nike Drive and Davidson Road Traffic Signal Improvements.	\$63,561.68
3. LaLonde Contractors, Inc. for E. and W. North Street And E. St. Paul Avenue Utility And Street Improvements.	\$250,060.74
4. LaLonde Contractors, Inc. for Arcadian Avenue And Linden Street Utility And Street Improvements.	\$278,625.69
5. Musson Bros., Inc. for Tenny Avenue, Newhall Avenue and Pilot Court Utility and Street Improvements.	\$411,869.01
6. C.D. Smith Construction, Inc., for the Waukesha Return Flow Pump Station, Advanced Phosphorus, with Facilities Enhancement for Clean Water Plant	\$61,879.62
7. C.D. Smith Construction, Inc., for the Waukesha Return Flow Pump Station, Advanced Phosphorus, with Facilities Enhancement for Clean Water Plant	\$65,082.84
8. State Contractors, Inc. for Concrete Sidewalk Replacement - City Wide.	\$76,479.27
9. Wolf Paving Co., Inc. for 2022 Asphalt Street Resurfacing.	\$452,763.02

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 14 to Absolute Construction Enterprises, Inc., 6618 Six Mile Rd., Racine, WI 53402 for Waukesha Public Library Renovation and Addition - 321 Wisconsin Ave.

Contract No. #4218	Original Contract	\$ 3,230,400.00
	Amended	\$ 3,724,545.38

Line No.	Item Description	Scheduled Value	Amount
1	General Conditons	\$ 216,682.00	\$ 216,682.00
2	Project Insurance	\$ 8,000.00	\$ 8,000.00
3	Bond	\$ 30,000.00	\$ 30,000.00
4	Demolition	\$ 27,300.00	\$ 27,300.00
5	Excavation/Earthwork	\$ 14,385.00	\$ 14,385.00
6	Asphalt Paving	\$ 2,025.00	\$ 2,025.00
7	Lawn Repairs	\$ 2,000.00	\$ 2,000.00
8	Concrete	\$ 95,672.00	\$ 95,672.00
9	Masonry	\$ 136,650.00	\$ 136,650.00
10	Structural Metals	\$ 40,660.00	\$ 40,660.00
11	Carpentry	\$ 166,371.00	\$ 166,371.00
12	Architectural Woodwork	\$ 147,982.00	\$ 147,982.00
13	Waterproofing	\$ 4,090.00	\$ 4,090.00
14	EPDM	\$ 40,000.00	\$ 37,000.00
15	Doors/Frames/Hdwe	\$ 25,063.00	\$ 25,063.00
16	Glass Walls and Doors	\$ 143,538.00	\$ 143,538.00
17	Counter Doors	\$ 9,250.00	\$ 9,250.00
18	3Form Resin Panels	\$ 30,534.00	\$ 30,534.00
19	Drywall & Metal Frame System	\$ 195,517.00	\$ 195,517.00
20	Ceramic Tile	\$ 32,150.00	\$ 32,150.00
21	Acoustical Ceilings	\$ 176,712.00	\$ 176,712.00
22	Carpet tile/rubber/cork floor	\$ 160,397.00	\$ 160,397.00
23	Painting	\$ 38,240.00	\$ 38,240.00
24	Koda Panels	\$ 217,590.00	\$ 217,590.00
25	Toilet Compartments/Accessories	\$ 18,583.00	\$ 18,583.00
26	Markerboards	\$ 4,760.00	\$ 4,760.00
27	Signage	\$ 42,928.00	\$ 42,928.00
28	Fire Place	\$ 9,412.00	\$ 9,412.00
29	Glass & Panel Fold Partitions	\$ 61,452.00	\$ 61,452.00

30	Kitchen appliances	\$ 14,034.00	\$ 14,034.00
31	Fire Protection	\$ 32,542.00	\$ 32,542.00
32	Plumbing	\$ 86,500.00	\$ 86,500.00
33	HVAC	\$ 140,243.00	\$ 133,253.00
34	Electrical	\$ 394,647.00	\$ 386,465.00
35	Structural Cabling	\$ 55,067.00	\$ 55,067.00
36	Access Control	\$ 56,852.00	\$ 56,852.00
37	Library AV	\$ 175,165.00	\$ 175,165.00
38	Contractors Fee	\$ 177,407.00	\$ 173,784.79
39	Change Order No. 1	\$ 120,729.28	\$ 120,729.28
40	Change Order No. 2	\$ 71,936.04	\$ 71,936.04
41	Change Order No. 3	\$ 57,582.54	\$ 57,582.54
42	Change Order No. 4	\$ 243,897.52	\$ 210,000.00
43	Change Order No. 5	\$ 57,735.09	\$ 47,735.09

Total \$ 3,716,588.74

Less Retainage \$ 50,000.00

Total \$ 3,666,588.74

Less Previously
Paid \$ 3,597,888.74

Total Amount
Due \$ 68,700.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$68,700.00 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to LaLonde Contractors, Inc., 1609 Lincoln Avenue, Waukesha, WI 53186 for E. Main Street - Nike Drive and Davidson Road Traffic Signal Improvements.

Contract No. #4252

CONTRACT DATE: May 13, 2022

Original \$ 924,467.89

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.44	\$34,268.03	\$ 15,077.93
2	1014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	1.00	\$1,400.00	\$ 1,400.00
3	1015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$1,500.00	\$ -
4	1995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200		\$20.00	\$ -
5	2002	SILT FENCE	LF	300		\$2.50	\$ -
6	2003	EROSION BALES	EACH	30		\$11.00	\$ -
7	2005	INLET PROTECTION	EACH	40	26.00	\$55.00	\$ 1,430.00
8	3060	REMOVE AND REPLACE MAILBOX	EACH	3		\$120.00	\$ -
9	3061	INSTALL TEMPORARY MAILBOX(ES)	LS	1		\$300.00	\$ -
10	3101	REMOVE INLET	EACH	1		\$500.00	\$ -
11	3110	REMOVE PIPE	LF	25		\$25.00	\$ -
12	3300	REMOVE EXISTING CURB AND GUTTER	LF	1200	726.80	\$19.68	\$ 14,303.42
13	3331	REMOVE EXISTING SIDEWALK	SF	2400	1313.00	\$3.33	\$ 4,372.29
14	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	500	194.62	\$30.52	\$ 5,939.80
15	4502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	300		\$45.69	\$ -
16	5050	INTERNAL CHIMNEY SEAL	EACH	1		\$800.00	\$ -
17	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	1		\$2,500.00	\$ -
18	5542	12 INCH RCP STORM SEWER PIPE	LF	20		\$200.00	\$ -
19	5680	STORM INLET REPAIR	VF	30	2.00	\$300.00	\$ 600.00
20	5681	STORM INLET ADJUSTMENT	EACH	12	10.00	\$1,100.00	\$ 11,000.00
21	5692	STORM MANHOLE REPAIR	VF	8		\$300.00	\$ -
22	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	3	3.00	\$2,000.00	\$ 6,000.00
23	5850	CONCRETE COLLAR	EACH	2		\$1,500.00	\$ -
24	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	100		\$31.00	\$ -
25	5990	36-INCH DIAMETER STORM INLETS	EACH	1		\$4,500.00	\$ -
26	6100	EXTRA BAGS OF CEMENT	EA	20		\$25.00	\$ -

27	7001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	1700	909.62	\$92.80	\$ 84,412.74
28	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	400	206.10	\$57.70	\$ 11,891.97
29	7118	18" TYPE A CONCRETE CURB & GUTTER	LF	500		\$39.75	\$ -
30	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	650	363.40	\$42.82	\$ 15,560.79
31	7150	18" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	50		\$38.13	\$ -
32	7151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	175		\$24.34	\$ -
33	7200	DRILLED TIE BARS	LF	1200	363.40	\$3.76	\$ 1,366.38
34	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	200	100.00	\$41.44	\$ 4,144.00
35	7302	PEDESTRIAN CURB	LF	100	25.00	\$38.29	\$ 957.25
36	7304	4-INCH CONCRETE SIDEWALK	SF	4500	1256.00	\$6.18	\$ 7,762.08
37	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	500		\$8.00	\$ -
38	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	500		\$9.53	\$ -
39	8052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	200		\$36.00	\$ -
40	10002 A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, MAIN & NIKE	LS	1	1.00	\$4,190.57	\$ 4,190.57
41	10002 B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, MAIN & DAVIDSON	LS	1	1.00	\$4,190.57	\$ 4,190.57
42	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	320	254.90	\$7.11	\$ 1,812.34
43	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	495	751.90	\$10.20	\$ 7,669.38
44	10023	CONDUIT SPECIAL 3-INCH. WDOT 652.0615	LF	1220	1092.00	\$21.02	\$ 22,953.84
45	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	22	17.00	\$1,013.87	\$ 17,235.79
46	10990	ADJUSTING PULL BOXES, WDOT 653.0900	EACH	2		\$231.84	\$ -
47	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	15.00	\$772.27	\$ 11,584.05
48	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	3	1.00	\$1,166.30	\$ 1,166.30
49	10035	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	1	1.00	\$889.68	\$ 889.68
50	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	4		\$4,205.54	\$ -
51	10991	CONCRETE BASE - TYPE 10-SPECIAL, WDOT 654.0120	EACH	2	2.00	\$4,753.82	\$ 9,507.64
52	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	1	1.00	\$1,756.19	\$ 1,756.19
53	10065	CABLE TRAFFIC SIGNAL 5-14 AWG, WDOT 655.0230	LF	1082		\$1.54	\$ -
54	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	1569		\$2.00	\$ -
55	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	2814		\$3.26	\$ -
56	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1020		\$2.23	\$ -
57	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	1473		\$1.05	\$ -
58	10115	ELECTRICAL WIRE LIGHTING AWG 10, WDOT 655.0615	LF	3650		\$1.05	\$ -
59	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	1858		\$1.48	\$ -
60	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, MAIN & DAVIDSON, WDOT 656.0200.01	LS	1		\$844.69	\$ -


61	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17		\$273.52	\$	-
62	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	4		\$550.16	\$	-
63	10150 A	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET, MAIN & NIKE (CITY FURNISHED)	EACH	1		\$2,138.93	\$	-
64	10150 B	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET, MAIN & DAVIDSON (CITY FURNISHED)	EACH	1		\$2,138.93	\$	-
65	10153	POLES, TYPE 3, WDOT 657.0310	EACH	3		\$4,422.41	\$	-
66	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	11		\$973.86	\$	-
67	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	6		\$686.78	\$	-
68	10258	LUMINAIRE ARM SINGLE MEMBER 4 IN CLAMP, 8-FT, WDOT 657.0614	EACH	5		\$357.96	\$	-
69	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	26		\$877.92	\$	-
70	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	11		\$1,135.95	\$	-
71	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	12		\$506.31	\$	-
72	10735 A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, MAIN & NIKE	LS	1		\$12,268.37	\$	-
73	10735 B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, MAIN & DAVIDSON	LS	1		\$8,264.87	\$	-
74	10800 A	SIGNAL MOUNTING HARDWARE, MAIN & NIKE, WDOT 658.5069.01	LS	1		\$5,574.75	\$	-
75	10800 B	SIGNAL MOUNTING HARDWARE, MAIN & DAVIDSON, WDOT 658.5069.02	LS	1		\$4,165.80	\$	-
76	10900 A	EMERGENCY VEHICLE PREEMPTION SYSTEM, MAIN & NIKE	LS	1		\$7,380.54	\$	-
77	10900 B	EMERGENCY VEHICLE PREEMPTION SYSTEM, MAIN & DAVIDSON	LS	1		\$7,380.54	\$	-
78	10950 A	INSTALL VIDEO VEHICLE DETECTION SYSTEM, MAIN & NIKE (CITY FURNISHED)	LS	1		\$1,140.89	\$	-
79	10950 B	INSTALL VIDEO VEHICLE DETECTION SYSTEM, MAIN & DAVIDSON (CITY FURNISHED)	LS	1		\$1,140.89	\$	-
80	10992 A	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, MAIN & NIKE	LS	1	1.00	\$1,140.89	\$	1,140.89
81	10992 B	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, MAIN & DAVIDSON	LS	1	1.00	\$1,140.89	\$	1,140.89
82	10993 A	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, MAIN & NIKE	LS	1	1.00	\$1,140.89	\$	1,140.89
83	10993 B	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, MAIN & DAVIDSON	LS	1	1.00	\$1,140.89	\$	1,140.89
84	10994 A	TEMPORARY TRAFFIC SIGNAL, MAIN & NIKE	LS	1	0.85	\$52,310.31	\$	44,463.76
85	10994 B	TEMPORARY TRAFFIC SIGNAL, MAIN & DAVIDSON	LS	1	0.85	\$52,310.31	\$	44,463.76
86	10995 A	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	4		\$785.82	\$	-
87	10995 B	INSTALL MONOTUBE POLES, TYPE 9-SPECIAL (CITY FURNISHED)	EACH	2		\$785.82	\$	-
88	10996 A	INSTALL MONOTUBE ARM, 15-FT (CITY FURNISHED)	EACH	2		\$1,216.58	\$	-
89	10996 B	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	2		\$1,216.58	\$	-
90	10996 C	INSTALL MONOTUBE ARM, 35-FT (CITY FURNISHED)	EACH	1		\$1,478.52	\$	-
91	10996 D	INSTALL MONOTUBE ARM, 40-FT (CITY FURNISHED)	EACH	1		\$1,569.42	\$	-
92	10997	INSTALL LUMINAIRE ARM STEEL 8-FT (CITY FURNISHED)	EACH	8		\$282.90	\$	-
93	10998	REMOVE, STORE, AND RE-INSTALL LED LUMINAIRE	EACH	13		\$217.97	\$	-
94	10999	CONCRETE BASE - TYPE 1, TYPE 2, TYPE 5, TYPE 10, TYPE-10 SPECIAL (SPECIAL EXCAVATION)	EACH	11		\$1,924.95	\$	-

95	11000	SIGNAL BASE UTILITY LOCATE W/HYDRO EXCAVATION	HR	20		\$496.52	\$ -
96	11201 A	REMOVE AND DISPOSE OF EXISTING SIGNAL SYSTEM WIRING, MAIN & NIKE	LS	1	1.00	\$1,101.93	\$ 1,101.93
97	11201 B	REMOVE AND DISPOSE OF EXISTING SIGNAL SYSTEM WIRING, MAIN & DAVIDSON	LS	1	1.00	\$1,101.93	\$ 1,101.93
98	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	23	17.00	\$158.89	\$ 2,701.13
99	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	27	17.00	\$99.69	\$ 1,694.73
100	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	2000		\$0.85	\$ -
101	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	250		\$1.70	\$ -
102	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	1000		\$8.50	\$ -
103	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	650		\$1.70	\$ -
104	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	125		\$12.25	\$ -
105	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	250		\$14.75	\$ -
106	12255	PAVEMENT MARKING EPOXY, MEDIAN NOSE	SF	75		\$16.50	\$ -
107	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	6		\$310.00	\$ -
108	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	4		\$310.00	\$ -
109	12266	PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT & LEFT ARROW	EACH	2		\$440.00	\$ -
110	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	1		\$350.00	\$ -
111	12999	PAVEMENT MARKING REMOVAL	LS	1		\$3,725.00	\$ -
112	13002	REMOVE SIGN	EACH	31		\$30.00	\$ -
113	13003	REMOVE POSTS	EACH	1		\$95.00	\$ -
114	13021	SIGN	EACH	30		\$170.00	\$ -
115	13300	MOVE SIGN	EACH	3		\$75.00	\$ -
116	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	150		\$15.00	\$ -
117	14005	TOPSOIL & SOD	SY	750		\$12.00	\$ -

Total	\$	369,265.80
Less Retainage	\$	18,463.29
Total	\$	350,802.51
Less Previously Paid	\$	287,240.83
Total Amount Due	\$	63,561.68

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$63,561.68 be allowed.

Respectfully Submitted,


 Alex Damien, P.E.
 Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 to Lalonde Contractors, Inc. for 1609 Lincoln Avenue, Waukesha, WI 53186 for E. and W. North Street and E. St. Paul Avenue Utility and Street Improvements (#8122123).

Contract No. # 4236

CONTRACT DATE: February 25, 2022

Original \$ 4,886,008.51

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.69	\$120,704.82	\$ 83,286.33
2	1005	DETOUR ROUTE	LS	1	0.69	\$7,326.00	\$ 5,054.94
3	1995	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	EACH	3	1.00	\$1,000.00	\$ 1,000.00
4	2003	EROSION BALES	EACH	50		\$10.00	\$ -
5	2005	INLET PROTECTION	EACH	67	65.00	\$53.00	\$ 3,445.00
6	3041	CLEARING	INCH DIA	18	21.00	\$38.00	\$ 798.00
7	3042	GRUBBING	INCH DIA	32	63.50	\$15.00	\$ 952.50
8	3101	REMOVE INLET	EACH	6	2.00	\$400.00	\$ 800.00
9	3110	REMOVE PIPE	LF	65	15.00	\$65.00	\$ 975.00
10	3205	ABANDON PIPE	LF	85	58.00	\$32.00	\$ 1,856.00
11	3300	REMOVE EXISTING CURB AND GUTTER	LF	7000	5776.80	\$5.44	\$ 31,425.79
12	3331	REMOVE EXISTING SIDEWALK	SF	18000	15951.90	\$1.30	\$ 20,737.47
13	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	650	3401.30	\$2.30	\$ 7,822.99
14	3650	REMOVE EXISTING ROADWAY	SY	12500	7056.60	\$5.64	\$ 39,799.22
15	4010	SHAPING AND GRADING TO SUBGRADE	LF	650		\$67.78	\$ -
16	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2000		\$2.59	\$ -
17	4016	GEOTEXTILE GRID TYPE BX1100	SY	1000		\$2.59	\$ -
18	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3000	1537.23	\$16.30	\$ 25,056.85
19	4990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	11000	8376.70	\$2.42	\$ 20,271.61
20	4991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1500	2136.09	\$20.00	\$ 42,721.80
21	4992	GRADING AREA 1 AND AREA 2	LS	1		\$31,560.88	\$ -
22	5050	INTERNAL CHIMNEY SEAL	EACH	33	2.00	\$675.00	\$ 1,350.00
23	5056	SANITARY LATERAL CLEANOUT	EACH	37	24.00	\$1,815.00	\$ 43,560.00
24	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	37	22.00	\$285.00	\$ 6,270.00
25	5075	SANITARY SEWER SPOT REPAIR	EACH	3	2.00	\$6,800.00	\$ 13,600.00

26	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	5	2.00	\$6,475.00	\$ 12,950.00
27	5080	SANITARY LATERAL REINSTATEMENT	EACH	38	25.00	\$150.00	\$ 3,750.00
28	5108	8 INCH PVC SANITARY SEWER PIPE	LF	115	27.50	\$172.00	\$ 4,730.00
29	5115	15 INCH PVC SANITARY SEWER PIPE	LF	1550	1504.60	\$184.00	\$ 276,846.40
30	5155	6 INCH SANITARY SEWER LATERAL	LF	650	705.50	\$170.00	\$ 119,935.00
31	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	1035	1028.60	\$35.00	\$ 36,001.00
32	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	955	945.90	\$36.00	\$ 34,052.40
33	5316	24 INCH CIPP SANITARY SEWER PIPE	LF	1455	718.00	\$160.00	\$ 114,880.00
34	5320	36 INCH CIPP SANITARY SEWER PIPE	LF	735		\$250.00	\$ -
35	5321	42 INCH CIPP SANITARY SEWER PIPE	LF	650		\$390.00	\$ -
36	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	37	14.00	\$4,070.00	\$ 56,980.00
37	5351	ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	380	52.50	\$6.00	\$ 315.00
38	5400	48 INCH DIA SANITARY MANHOLE	VF	63	52.69	\$260.00	\$ 13,699.40
39	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	27		\$1,335.00	\$ -
40	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	27	4.00	\$1,225.00	\$ 4,900.00
41	5475	48 INCH DIA STORM MANHOLE	EACH	1		\$2,000.00	\$ -
42	5485	2'X3' STORM INLET	EACH	5	3.00	\$1,725.00	\$ 5,175.00
43	5542	12 INCH RCP STORM SEWER PIPE	LF	250	128.40	\$123.00	\$ 15,793.20
44	5548	18 INCH RCP STORM SEWER PIPE	LF	50		\$132.00	\$ -
45	5680	STORM INLET REPAIR	VF	50	4.00	\$300.00	\$ 1,200.00
46	5681	STORM INLET ADJUSTMENT	EACH	35	8.00	\$250.00	\$ 2,000.00
47	5692	STORM MANHOLE REPAIR	VF	10		\$300.00	\$ -
48	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	15	3.00	\$150.00	\$ 450.00
49	5850	CONCRETE COLLAR	EACH	3		\$750.00	\$ -
50	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	4850	2070.70	\$2.35	\$ 4,866.15
51	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	100	50.00	\$325.00	\$ 16,250.00
52	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	6700	293.00	\$4.50	\$ 1,318.50
53	5990	36-INCH DIAMETER STORM INLETS	EACH	4		\$1,730.00	\$ -
54	5991	48-INCH DIAMETER STORM INLETS	EACH	5	2.00	\$1,725.00	\$ 3,450.00
55	6100	EXTRA BAGS OF CEMENT	EA	50		\$10.00	\$ -
56	7109	9-INCH DOWELED CONCRETE PAVEMENT	SY	6100	4782.60	\$52.77	\$ 252,377.80
57	7118	18" TYPE A CONCRETE CURB & GUTTER	LF	1050	201.00	\$21.89	\$ 4,399.89
58	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	6500	4722.00	\$22.17	\$ 104,686.74

59	7150	18" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	75	132.75	\$19.95	\$ 2,648.36
60	7151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	25		\$51.60	\$ -
61	7209	9-INCH CONCRETE PAVEMENT PATCHING	SY	100	904.69	\$72.70	\$ 65,770.96
62	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	1094	420.00	\$35.91	\$ 15,082.20
63	7302	PEDESTRIAN CURB	LF	200	107.60	\$35.53	\$ 3,823.03
64	7304	4-INCH CONCRETE SIDEWALK	SF	16000	9611.70	\$7.85	\$ 75,451.85
65	7326	6-INCH CONCRETE DRIVE APPROACH	SF	300	749.75	\$7.46	\$ 5,593.14
66	7327	7-INCH CONCRETE DRIVE APPROACH	SF	1750	3353.10	\$7.85	\$ 26,321.84
67	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	18500		\$1.90	\$ -
68	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	18500		\$0.20	\$ -
69	8052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	500	17.30	\$22.05	\$ 381.47
70	8065	HMA PAVEMENT PATCHING	SY	1500	794.36	\$34.85	\$ 27,683.45
71	8105	HMA PAVEMENT TYPE 5MT5828H	TON	3000		\$81.75	\$ -
72	8203	HMA PAVEMENT TYPE 3MT5828S	TON	1800	1241.31	\$67.05	\$ 83,229.84
73	8210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	100		\$164.75	\$ -
74	8403	PAVEMENT CRACK SEALING	SY	18500		\$1.05	\$ -
75	10002 A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, NORTH & MADISON	LS	1	1.00	\$12,491.60	\$ 12,491.60
76	10002 B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, NORTH & BARSTOW	LS	1	1.00	\$6,278.18	\$ 6,278.18
77	10002 C	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, ST PAUL & BARSTOW	LS	1	1.00	\$8,349.32	\$ 8,349.32
78	10005 A	EXISTING TRAFFIC SIGNALS, NORTH & MADISON	LS	1	0.50	\$4,401.32	\$ 2,200.66
79	10005 B	EXISTING TRAFFIC SIGNALS, NORTH & BARSTOW	LS	1	0.50	\$2,330.18	\$ 1,165.09
80	10005 C	EXISTING TRAFFIC SIGNALS, ST PAUL & BARSTOW	LS	1	0.50	\$3,020.56	\$ 1,510.28
81	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	427		\$9.00	\$ -
82	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	905		\$13.57	\$ -
83	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	10	2.00	\$994.00	\$ 1,988.00
84	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	7	4.00	\$716.61	\$ 2,866.44
85	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	7	3.00	\$1,167.16	\$ 3,501.48
86	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	12	9.00	\$4,612.80	\$ 41,515.20
87	10041	CONCRETE BASE - TYPE 1, (SPECIAL EXCAVATION)	EACH	3	1.00	\$836.31	\$ 836.31
88	10042	CONCRETE BASE - TYPE 2, (SPECIAL EXCAVATION)	EACH	3	2.00	\$948.42	\$ 1,896.84
89	10043	CONCRETE BASE - TYPE 10, (SPECIAL EXCAVATION)	EACH	6	7.00	\$2,121.05	\$ 14,847.35
90	10044	MODIFY EXISTING SIGNAL BASE FOR SMALLER TYPE POLE	EACH	1		\$715.50	\$ -
91	10045	SIGNAL BASE UTILITY LOCATE W/HYDRO EXCAVATION	HR	40	4.00	\$274.21	\$ 1,096.84

92	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	1		\$2,672.31	\$	-
93	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	5753		\$1.74	\$	-
94	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	7219		\$2.70	\$	-
95	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	3909		\$2.25	\$	-
96	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	7062		\$1.22	\$	-
97	10115	ELECTRICAL WIRE LIGHTING AWG 10, WDOT 655.0615	LF	3000		\$1.22	\$	-
98	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3425		\$1.63	\$	-
99	10140	PEDESTAL, ST PAUL & ALBERT, WDOT 656.0200.01	LS	1		\$857.40	\$	-
100	10141	PEDESTAL BASES, WDOT 657.0100	EACH	6		\$319.24	\$	-
101	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	6		\$595.04	\$	-
102	10150	CABINET, 8-PHASE FULLY ACTUATED (EPAC), ST PAUL & ALBERT	EACH	1		\$25,978.32	\$	-
103	10154	POLES, TYPE 4, WDOT 657.0315	EACH	6		\$2,843.81	\$	-
104	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	6		\$1,223.09	\$	-
105	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0615	EACH	6		\$506.95	\$	-
106	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	41		\$861.59	\$	-
107	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	10		\$1,101.42	\$	-
108	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	24		\$551.54	\$	-
109	10735 A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, NORTH & MADISON	LS	1		\$11,091.78	\$	-
110	10735 B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, NORTH & BARSTOW	LS	1		\$11,091.78	\$	-
111	10735 C	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & BARSTOW	LS	1		\$11,091.78	\$	-
112	10735 D	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & ALBERT	LS	1		\$11,091.78	\$	-
113	10800 A	SIGNAL MOUNTING HARDWARE, NORTH & MADISON, WDOT 658.5069.01	LS	1		\$6,039.38	\$	-
114	10800 B	SIGNAL MOUNTING HARDWARE, NORTH & BARSTOW, WDOT 658.5069.02	LS	1		\$3,837.51	\$	-
115	10800 C	SIGNAL MOUNTING HARDWARE, ST PAUL & BARSTOW, WDOT 658.5069.03	LS	1		\$3,617.32	\$	-
116	10800 D	SIGNAL MOUNTING HARDWARE, ST PAUL & ALBERT, WDOT 658.5069.04	LS	1		\$4,556.35	\$	-
117	10875	INSTALL LED LUMINAIRE (CITY FURNISHED)	EACH	14		\$205.43	\$	-
118	10900 A	EMERGENCY VEHICLE PREEMPTION SYSTEM, NORTH & MADISON	LS	1		\$7,487.72	\$	-
119	10900 B	EMERGENCY VEHICLE PREEMPTION SYSTEM, NORTH & BARSTOW	LS	1		\$7,487.72	\$	-
120	10900 C	EMERGENCY VEHICLE PREEMPTION SYSTEM, ST PAUL & BARSTOW	LS	1		\$7,487.72	\$	-
121	10900 D	EMERGENCY VEHICLE PREEMPTION SYSTEM, ST PAUL & ALBERT	LS	1		\$7,487.72	\$	-
122	10950 A	VIDEO VEHICLE DETECTION SYSTEM, NORTH & MADISON	LS	1		\$29,202.07	\$	-
123	10950 B	VIDEO VEHICLE DETECTION SYSTEM, NORTH & BARSTOW	LS	1		\$29,202.07	\$	-
124	10950 C	VIDEO VEHICLE DETECTION SYSTEM, ST PAUL & BARSTOW	LS	1		\$29,202.07	\$	-

125	10950 D	VIDEO VEHICLE DETECTION SYSTEM, ST PAUL & ALBERT	LS	1		\$29,202.07	\$ -
126	10990 A	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, NORTH & MADISON	LS	1	1.00	\$755.14	\$ 755.14
127	10990 B	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, NORTH & BARSTOW	LS	1	1.00	\$696.86	\$ 696.86
128	10990 C	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, ST PAUL & BARSTOW	LS	1	1.00	\$755.14	\$ 755.14
129	10991 A	SYSTEM AND ASSOCIATED WIRING, NORTH & MADISON	LS	1	1.00	\$755.14	\$ 755.14
130	10991 B	SYSTEM AND ASSOCIATED WIRING, NORTH & BARSTOW	LS	1	1.00	\$755.14	\$ 755.14
131	10991 C	SYSTEM AND ASSOCIATED WIRING, ST PAUL & BARSTOW	LS	1	1.00	\$755.14	\$ 755.14
132	10992 A	TEMPORARY TRAFFIC SIGNAL, NORTH & MADISON	LS	1	1.00	\$50,608.39	\$ 50,608.39
133	10992 B	TEMPORARY TRAFFIC SIGNAL, NORTH & BARSTOW	LS	1	1.00	\$48,192.96	\$ 48,192.96
134	10992 C	TEMPORARY TRAFFIC SIGNAL, ST PAUL & BARSTOW	LS	1	1.00	\$48,192.96	\$ 48,192.96
135	10993 A	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	8		\$2,028.37	\$ -
136	10993 B	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	2		\$2,028.37	\$ -
137	10994 A	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7		\$1,493.17	\$ -
138	10994 B	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	3		\$1,769.33	\$ -
139	10995	INSTALL LUMINAIRE ARM STEEL 8-FT (CITY FURNISHED)	EACH	2		\$380.23	\$ -
140	10996 A	TRAFFIC SIGNAL FACE 3S 12-INCH PROGRAMMABLE, WDOT 658.1133	EACH	3		\$4,570.84	\$ -
141	10996 B	TRAFFIC SIGNAL FACE 4S 12-INCH PROGRAMMABLE, WDOT 658.1134	EACH	4		\$6,095.06	\$ -
142	10998 A	MODIFY TRAFFIC SIGNAL CABINET, NORTH & MADISON	LS	1		\$1,606.75	\$ -
143	10998 B	MODIFY TRAFFIC SIGNAL CABINET, NORTH & BARSTOW	LS	1		\$1,606.75	\$ -
144	10998 C	MODIFY TRAFFIC SIGNAL CABINET, ST PAUL & BARSTOW	LS	1		\$1,606.75	\$ -
145	10999 A	REMOVE FURNISH AND INSTALL NEW BATTERIES, CHARGING MANAGMENT SYSTEM, AND HEATER MATS, NORTH & MADISON	LS	1		\$4,127.24	\$ -
146	10999 B	REMOVE FURNISH AND INSTALL NEW BATTERIES, CHARGING MANAGMENT SYSTEM, AND HEATER MATS, NORTH & BARSTOW	LS	1		\$4,127.24	\$ -
147	10999 C	REMOVE FURNISH AND INSTALL NEW BATTERIES, CHARGING MANAGMENT SYSTEM, AND HEATER MATS, ST PAUL & BARSTOW	LS	1		\$4,127.24	\$ -
148	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	10		\$976.12	\$ -
149	11025	PULL BOX - 15-INCH PVC	EACH	9	1.00	\$591.16	\$ 591.16
150	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	12	4.00	\$1,032.90	\$ 4,131.60
151	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	1700	449.00	\$8.99	\$ 4,036.51
152	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	200		\$24.81	\$ -
153	11120	12/2 UF W/GROUND WIRE	LF	400		\$1.57	\$ -
154	11123	#10 XLP USE WIRE	LF	2100		\$1.44	\$ -

155	11125	#6 XLP USE WIRE	LF	2095	53.00	\$2.42	\$	128.26
156	11126	#4 XLP USE WIRE	LF	6225	159.00	\$1.88	\$	298.92
157	11201	SIGNAL SYSTEM WIRING, NORTH & MADISON	LS	1	1.00	\$3,423.43	\$	3,423.43
158	11201	SIGNAL SYSTEM WIRING, NORTH & BARSTOW	LS	1	1.00	\$3,423.43	\$	3,423.43
159	11201	SIGNAL SYSTEM WIRING, ST PAUL & BARSTOW	LS	1	1.00	\$3,423.43	\$	3,423.43
160	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	18	13.00	\$127.07	\$	1,651.91
161	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	6	3.00	\$98.54	\$	295.62
162	11990	CONDUIT 3-INCH HDPE (EXCAVATED)	LF	800	242.00	\$8.99	\$	2,175.58
163	11991	CONDUIT 3-INCH HDPE (BORED)	LF	1240	1296.40	\$19.90	\$	25,798.36
164	11992	ICPB 12 REWIRING AND CONDUIT CONNECTION	LS	1		\$2,411.81	\$	-
165	11993	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINET	LS	1		\$9,288.07	\$	-
166	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4200		\$2.25	\$	-
167	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	6200		\$2.25	\$	-
168	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	110		\$3.30	\$	-
169	12218	PAVEMENT MARKING EPOXY, DIAGONAL LINE, 12-INCH	LF	60		\$10.00	\$	-
170	12255	PAVEMENT MARKING EPOXY, MEDIAN NOSE	SF	100		\$10.00	\$	-
171	12256	PAVEMENT MARKING EPOXY, PARKING STALL	LF	150		\$9.00	\$	-
172	12900	PAVEMENT MARKING REMOVAL	LF	100		\$5.00	\$	-
173	12901	PAVEMENT MARKING EXPOXY GROOVED, DOUBLE LINE, 4-INCH	LF	5300		\$4.50	\$	-
174	12902	PAVEMENT MARKING EPOXY GROOVED, LINE, 8-INCH	LF	2100		\$10.00	\$	-
175	12903	PAVEMENT MARKING EPOXY GROOVED, CROSSWALK, 6-INCH	LF	2700		\$20.50	\$	-
176	12904	PAVEMENT MARKING EPOXY GROOVED, CROSSWALK, 12-INCH	LF	350		\$21.50	\$	-
177	12905	PAVEMENT MARKING EPOXY GROOVED, STOP LINE, 18-INCH	LF	600		\$22.00	\$	-
178	12906	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, LEFT ARROW	EACH	20		\$370.00	\$	-
179	12907	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, RIGHT ARROW	EACH	2		\$370.00	\$	-
180	12908	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, STRAIGHT & LEFT ARROW	EACH	1		\$575.00	\$	-
181	12909	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, STRAIGHT & RIGHT ARROW	EACH	2		\$575.00	\$	-
182	12910	PAVEMENT MARKING EPOXY GROOVED, WORD, ONLY	EACH	3		\$575.00	\$	-
183	12911	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, ARROW SPECIAL	EACH	3		\$600.00	\$	-
184	12912	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, ARROW TYPE 6	EACH	1		\$600.00	\$	-
185	12913	PAVEMENT MARKING EPOXY GROOVED, SYMBOL, ARROW TYPE 7	EACH	2		\$600.00	\$	-
186	13002	REMOVE SIGN	EACH	175	23.00	\$14.80	\$	340.40
187	13003	REMOVE POSTS	EACH	75	16.00	\$14.80	\$	236.80

188	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS	EACH	30		\$125.00	\$ -
189	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	50		\$185.00	\$ -
190	13021	SIGN	EACH	140		\$156.00	\$ -
191	13300	MOVE SIGN	EACH	35		\$85.00	\$ -
192	13990	CANTILEVER STRUCTURE AND FOUNDATION	EACH	2		\$32,650.00	\$ -
193	13991	CANTILEVER STRUCTURE WITH 8' LUMINAR AND FOUNDATION	EACH	3		\$36,000.00	\$ -
194	13992	CANTILEVER STRUCTURE SIGNS	EACH	10		\$485.00	\$ -
195	14003	FERTILIZER, SEED & EROSION MAT	SY	4000		\$1.85	\$ -
196	14005	TOPSOIL & SOD	SY	2200	1125.94	\$7.15	\$ 8,050.47
197	15001	FURNISH AND INSTALL 8-INCH WATER MAIN AND FITTINGS	LF	900	910.00	\$125.00	\$ 113,750.00
198	15002	FURNISH AND INSTALL 8-INCH GATE VALVES & BOXES	EACH	2	2.00	\$2,150.00	\$ 4,300.00
199	15003	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	2		\$7,900.00	\$ -
200	15004	CONNECT 1" COPPER SERVICE LATERAL (SL1)	EACH	1	1.00	\$500.00	\$ 500.00
201	15005	CONNECT 1" COPPER SERVICE LATERAL (SL2)	EACH	1	1.00	\$5,265.00	\$ 5,265.00
202	15006	CONNECT 1" COPPER SERVICE LATERAL (SL3)	EACH	2	2.00	\$5,235.00	\$ 10,470.00
203	15007	CONNECT 1" COPPER SERVICE LATERAL (SL4)	EACH	1		\$5,400.00	\$ -
204	15008	CONNECT 1-1/4" COPPER SERVICE LATERAL (SL5)	EACH	1	1.00	\$5,365.00	\$ 5,365.00
205	15009	ABANDON WATER MAIN IN E. NORTH STREET AT ALBERT STREET	LS	1	1.00	\$13,150.00	\$ 13,150.00
206	15010	ABANDON METER PIT	LS	1		\$500.00	\$ -
207	15011	ABANDON EXISTING HYDRANTS	EACH	2	2.00	\$1,000.00	\$ 2,000.00
208	15012	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$2,500.00	\$ 2,500.00
209	12501	TEMPORARY PAVEMENT MARKING, LINE, 4-INCH	LF	1000	1024.00	\$1.00	\$ 1,024.00

Total \$ 2,216,116.46

Less Retainage \$ 110,805.82

Total \$ 2,105,310.64

Less Previously Paid \$ 1,855,249.90

Total Amount Due \$ 250,060.74

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$250,060.74 be allowed.
8/11/2022

Respectfully Submitted,

Alex Damien, P.E.
Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 to LaLonde Contractors, Inc., 1609 Lincoln Avenue, Waukesha, WI 53186 for Arcadian Avenue And Linden Street Utility And Street Improvements.

Contract No. #4241

CONTRACT DATE: January 29, 2022

Original \$ 3,355,809.05

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
PROJECT LOCATION #1: ARCADIAN AVENUE							
1	01001	TRAFFIC CONTROL (ARCADIAN AVENUE)	LS	1	1.00	\$ 9,612.00	\$ 9,612.00
2	01005	DETOUR ROUTE (ARCADIAN AVENUE)	LS	1	1.00	\$ 8,389.00	\$ 8,389.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE (ARCADIAN AVENUE)	LS	1	1.00	\$ 2,000.00	\$ 2,000.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS (ARCADIAN AVENUE)	LS	1		\$ 1,386.00	\$ -
5	01995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN (ARCADIAN AVENUE)	SF	200	30.00	\$ 24.00	\$ 720.00
6	02002	SILT FENCE	LF	300		\$ 1.00	\$ -
7	02003	EROSION BALES	EACH	30		\$ 1.00	\$ -
8	02005	INLET PROTECTION	EACH	50	29.00	\$ 60.00	\$ 1,740.00
9	03041	CLEARING	INCH DIA	30	220.00	\$ 31.00	\$ 6,820.00
10	03042	GRUBBING	INCH DIA	30	220.00	\$ 12.00	\$ 2,640.00
11	03100	REMOVE SEWER MANHOLE	EACH	4	4.00	\$ 315.00	\$ 1,260.00
12	03101	REMOVE INLET	EACH	16	18.00	\$ 315.00	\$ 5,670.00
13	03110	REMOVE PIPE	LF	525	481.00	\$ 30.00	\$ 14,430.00
14	03300	REMOVE EXISTING CURB AND GUTTER	LF	4,000	3,535.00	\$ 4.84	\$ 17,109.40
15	03331	REMOVE EXISTING SIDEWALK	SF	10,000	9,005.00	\$ 0.93	\$ 8,374.65
16	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	550	378.00	\$ 1.95	\$ 737.10
17	03650	REMOVE EXISTING ROADWAY	SY	9,250	9,024.00	\$ 5.03	\$ 45,390.72
18	04010	SHAPING AND GRADING TO SUBGRADE	LF	2,250	2,100.00	\$ 38.28	\$ 80,388.00
19	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,000		\$ 2.25	\$ -
20	04016	GEOTEXTILE GRID TYPE BX1100	SY	1,000		\$ 2.01	\$ -
21	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	5,500	3,838.76	\$ 15.01	\$ 57,619.79
22	04120	SLURRY BACKFILL	CY	250		\$ 75.00	\$ -
23	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	2,500		\$ 19.30	\$ -

24	05050	INTERNAL CHIMNEY SEAL	EACH	11	10.00	\$ 500.00	\$ 5,000.00
25	05056	SANITARY LATERAL CLEANOUT	EACH	24	24.00	\$ 1,825.00	\$ 43,800.00
26	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	24	24.00	\$ 262.50	\$ 6,300.00
27	05075	SANITARY SEWER SPOT REPAIR	EACH	2		\$ 3,750.00	\$ -
28	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	3	4.00	\$ 6,500.00	\$ 26,000.00
29	05080	SANITARY LATERAL REINSTATEMENT	EACH	25	25.00	\$ 50.00	\$ 1,250.00
30	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	1		\$ 1,200.00	\$ -
31	05108	8 INCH PVC SANITARY SEWER PIPE	LF	155	181.75	\$ 115.00	\$ 20,901.25
32	05110	10 INCH PVC SANITARY SEWER PIPE	LF	65	63.00	\$ 125.00	\$ 7,875.00
33	05112	12 INCH PVC SANITARY SEWER PIPE	LF	425	421.00	\$ 131.00	\$ 55,151.00
34	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	270	262.90	\$ 129.00	\$ 33,914.10
35	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	425	596.00	\$ 29.00	\$ 17,284.00
36	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	520	330.00	\$ 30.00	\$ 9,900.00
37	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	24	24.00	\$ 3,850.00	\$ 92,400.00
38	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	315	199.00	\$ 6.00	\$ 1,194.00
39	05400	48 INCH DIA SANITARY MANHOLE	VF	45	41.84	\$ 500.00	\$ 20,920.00
40	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	11	8.95	\$ 750.00	\$ 6,712.50
41	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	3	2.00	\$ 2,100.00	\$ 4,200.00
42	05432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4	4.00	\$ 900.00	\$ 3,600.00
43	05475	48 INCH DIA STORM MANHOLE	VF	35	37.95	\$ 450.00	\$ 17,077.50
44	05485	2'X3' STORM INLET	EACH	17	16.00	\$ 1,700.00	\$ 27,200.00
45	05510	10 INCH PVC STORM SEWER PIPE	LF	20		\$ 143.00	\$ -
46	05512	12 INCH PVC STORM SEWER PIPE	LF	20		\$ 151.00	\$ -
47	05542	12 INCH RCP STORM SEWER PIPE	LF	350	312.70	\$ 132.00	\$ 41,276.40
48	05545	15 INCH RCP STORM SEWER PIPE	LF	200	172.00	\$ 132.00	\$ 22,704.00
49	05551	21 INCH RCP STORM SEWER PIPE	LF	25	11.50	\$ 215.00	\$ 2,472.50
50	05680	STORM INLET REPAIR	VF	10		\$ 375.00	\$ -
51	05681	STORM INLET ADJUSTMENT	EACH	4	4.00	\$ 310.00	\$ 1,240.00
52	05692	STORM MANHOLE REPAIR	VF	10		\$ 310.00	\$ -
53	05695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4	4.00	\$ 375.00	\$ 1,500.00
54	05850	CONCRETE COLLAR	EACH	5	7.00	\$ 525.00	\$ 3,675.00
55	05951	SANITARY SEWER CLEANING AND TELEVISION	LF	2,550	1,841.00	\$ 2.70	\$ 4,970.70

56	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	55	31.00	\$ 185.00	\$ 5,735.00
57	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	3,500	2,649.50	\$ 1.25	\$ 3,311.88
58	05990	CONVERT STORM INLET TO MANHOLE	EACH	1	1.00	\$ 1,300.00	\$ 1,300.00
59	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 15.00	\$ -
60	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	150		\$ 75.91	\$ -
61	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	250		\$ 45.77	\$ -
62	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	8,250	7,542.03	\$ 45.31	\$ 341,729.38
63	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	4,000	3,535.30	\$ 20.31	\$ 71,801.94
64	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	280	280.00	\$ 33.14	\$ 9,279.20
65	07302	PEDESTRIAN CURB	LF	100	41.20	\$ 35.65	\$ 1,468.78
66	07304	4-INCH CONCRETE SIDEWALK	SF	7,250	6,778.00	\$ 5.76	\$ 39,041.28
67	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,000	2,642.00	\$ 6.42	\$ 16,961.64
68	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	1,250	788.50	\$ 6.77	\$ 5,338.15
69	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	1,000		\$ 14.00	\$ -
70	08203	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	50	65.85	\$ 116.00	\$ 7,638.60
	INTENTIONALLY LEFT BLANK						\$ -
72	08205	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	50	43.88	\$ 125.00	\$ 5,485.00
73	INTENTIONALLY LEFT BLANK						\$ -
74	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	15	18.01	\$ 240.00	\$ 4,322.40
75	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	12	12.00	\$ 1,000.00	\$ 12,000.00
76	11025	PULL BOX - 15-INCH PVC	EACH	8	7.00	\$ 650.00	\$ 4,550.00
77	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	8	8.00	\$ 1,074.00	\$ 8,592.00
78	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	2,000	1,780.50	\$ 9.00	\$ 16,024.50
79	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	150		\$ 25.00	\$ -
80	11106	CONDUIT RIGID NONMETALLIC SCH 40, 3-INCH, WDOT 652.0235	LF	900	870.50	\$ 13.00	\$ 11,316.50
81	11112	CONDUIT 3-INCH HDPE	LF	1,800	1,683.00	\$ 13.00	\$ 21,879.00
82	11123	#10 XLP USE WIRE	LF	3,200	1,811.00	\$ 1.00	\$ 1,811.00
83	11125	#6 XLP USE WIRE	LF	2,750	2,276.00	\$ 1.50	\$ 3,414.00
84	11126	#4 XLP USE WIRE	LF	7,000	6,495.50	\$ 2.00	\$ 12,991.00
85	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LF	2,000	1,750.00	\$ 0.50	\$ 875.00
86	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	11	12.00	\$ 250.00	\$ 3,000.00
87	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	1	1.00	\$ 250.00	\$ 250.00
88	11403	REMOVE AND RE-INSTALL EXISTING STREET LIGHT UNIT	EACH	11	11.00	\$ 500.00	\$ 5,500.00

89	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	8	7.00	\$ 1,400.00	\$ 9,800.00	
90	11990	ADJUST COLTON STREET LIGHT CONTROLLER	LS	1	1.00	\$ 500.00	\$ 500.00	
91	12990	PAVEMENT MARKING GROOVED EPOXY, LINE, 4-INCH	LF	2,100	1,815.00	\$ 3.60	\$ 6,534.00	
92	12991	PAVEMENT MARKING GROOVED EPOXY, DOUBLE LINE, 4-INCH	LF	3,200	2,833.00	\$ 7.30	\$ 20,680.90	
93	12992	PAVEMENT MARKING GROOVED EPOXY, LINE, 6-INCH	LF	750	645.00	\$ 5.45	\$ 3,515.25	
94	12993	PAVEMENT MARKING GROOVED EPOXY, LINE, 8-INCH	LF	125	95.00	\$ 7.30	\$ 693.50	
95	12994	PAVEMENT MARKING GROOVED EPOXY, LINE, 12-INCH	LF	300	255.00	\$ 10.95	\$ 2,792.25	
96	12995	PAVEMENT MARKING GROOVED EPOXY, STOP LINE, 18-INCH	LF	150	86.00	\$ 12.55	\$ 1,079.30	
97	12996	PAVEMENT MARKING GROOVED EPOXY, SYMBOL, RIGHT ARROW	EACH	1	1.00	\$ 225.00	\$ 225.00	
98	12997	PAVEMENT MARKING GROOVED EPOXY, SYMBOL, STRAIGHT & LEFT ARROW	EACH	1	1.00	\$ 295.00	\$ 295.00	
99	12998	PAVEMENT MARKING GROOVED EPOXY, SYMBOL, ONLY	EACH	1	1.00	\$ 295.00	\$ 295.00	
100	12999	PAVEMENT MARKING REMOVAL	LS	1	1.00	\$ 3,995.00	\$ 3,995.00	
101	13002	REMOVE SIGN	EACH	50	44.00	\$ 12.00	\$ 528.00	
102	13003	REMOVE POSTS	EACH	25	8.00	\$ 15.00	\$ 120.00	
103	13990	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	3		\$ 100.00	\$ -	
104	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	250		\$ 6.00	\$ -	
105	14005	TOPSOIL & SOD	SY	2,800	2,589.72	\$ 7.30	\$ 18,904.96	
106	15001	12-INCH WATER MAIN AND FITTINGS	LF	1,480	1,474.00	\$ 162.00	\$ 238,788.00	
107	15002	8-INCH WATER MAIN AND FITTINGS	LF	500	497.00	\$ 172.00	\$ 85,484.00	
108	15003	12-INCH GATE VALVE AND BOX	EACH	4	4.00	\$ 3,625.00	\$ 14,500.00	
109	15004	8-INCH GATE VALVE AND BOX	EACH	6	6.00	\$ 2,100.00	\$ 12,600.00	
110	15005	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	4	4.00	\$ 7,200.00	\$ 28,800.00	
111	15006	CONNECT 3/4" SERVICE LATERAL (SL1)	EACH	3	3.00	\$ 2,650.00	\$ 7,950.00	
112	15007	CONNECT 1" COPPER SERVICE LATERAL (SL2)	EACH	14	14.00	\$ 2,150.00	\$ 30,100.00	
113	15008	CONNECT 3/4" SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 3,550.00	\$ 3,550.00	
114	15009	CONNECT 1" COPPER SERVICE LATERAL (SL4)	EACH	12	12.00	\$ 3,700.00	\$ 44,400.00	
115	15010	CONNECT 1-1/4" COPPER SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 3,850.00	\$ 3,850.00	
116	15011	CONNECT 1-1/4" SERVICE LATERAL (SL6)	EACH	1	1.00	\$ 1,080.00	\$ 1,080.00	
117	15012	ABANDON EXISTING HYDRANT	EACH	4	4.00	\$ 435.00	\$ 1,740.00	
118	15013	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$ 435.00	\$ 435.00	
	PROJECT LOCATION #2: LINDEN STREET							
119	01001	TRAFFIC CONTROL (LINDEN STREET)	LS	1	0.75	\$ 5,024.00	\$ 3,768.00	
120	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE (LINDEN STREET)	LS	1	0.75	\$ 2,000.00	\$ 1,500.00	

121	01017	TEMPORARY SAFETY FENCE	LF	1,000		\$ 1.50	\$ -
122	01995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN (LINDEN STREET)	SF	200		\$ 24.00	\$ -
123	02002	SILT FENCE	LF	300		\$ 1.00	\$ -
124	02003	EROSION BALES	EACH	30		\$ 1.00	\$ -
125	02005	INLET PROTECTION	EACH	20	14.00	\$ 65.00	\$ 910.00
126	03100	REMOVE SEWER MANHOLE	EACH	1	2.00	\$ 350.00	\$ 700.00
127	03101	REMOVE INLET	EACH	4	4.00	\$ 350.00	\$ 1,400.00
128	03110	REMOVE PIPE	LF	150	84.00	\$ 40.00	\$ 3,360.00
129	03300	REMOVE EXISTING CURB AND GUTTER	LF	3,200	2,764.00	\$ 4.84	\$ 13,377.76
130	03331	REMOVE EXISTING SIDEWALK	SF	10,000	3,627.00	\$ 0.83	\$ 3,010.41
131	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	150	155.00	\$ 1.95	\$ 302.25
132	03650	REMOVE EXISTING ROADWAY	SY	4,750	3,985.50	\$ 5.07	\$ 20,206.49
133	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,850	1,495.00	\$ 25.35	\$ 37,898.25
134	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500		\$ 2.14	\$ -
135	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 2.14	\$ -
136	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,500	2,368.34	\$ 15.33	\$ 36,306.65
137	04120	SLURRY BACKFILL	CY	250		\$ 75.00	\$ -
138	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,200	122.63	\$ 19.26	\$ 2,361.85
139	05050	INTERNAL CHIMNEY SEAL	EACH	6		\$ 560.00	\$ -
140	05056	SANITARY LATERAL CLEANOUT	EACH	9	6.00	\$ 1,825.00	\$ 10,950.00
141	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	9	6.00	\$ 262.50	\$ 1,575.00
142	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 6,500.00	\$ -
143	05108	8 INCH PVC SANITARY SEWER PIPE	LF	1,140	1,136.00	\$ 120.00	\$ 136,320.00
144	05155	6 INCH SANITARY SEWER LATERAL	LF	40	28.00	\$ 1,449.00	\$ 40,572.00
145	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	645	520.00	\$ 137.00	\$ 71,240.00
146	05352	SANITARY LATERAL LINING (CIPP) FROM BACK OF WALK TO OPEN CUT LATERAL REPLACEMENT	EACH	9	6.00	\$ 3,415.00	\$ 20,490.00
147	05400	48 INCH DIA SANITARY MANHOLE	VF	34	30.58	\$ 475.00	\$ 14,525.50
148	05432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	2	2.00	\$ 900.00	\$ 1,800.00
149	05475	48 INCH DIA STORM MANHOLE	VF	25	22.55	\$ 475.00	\$ 10,711.25
150	05512	12 INCH PVC STORM SEWER PIPE	LF	20		\$ 143.00	\$ -
151	05542	12 INCH RCP STORM SEWER PIPE	LF	200	170.00	\$ 110.00	\$ 18,700.00
152	05545	15 INCH RCP STORM SEWER PIPE	LF	450	418.00	\$ 156.00	\$ 65,208.00

153	05680	STORM INLET REPAIR	VF	5		\$ 515.00	\$ -
154	05681	STORM INLET ADJUSTMENT	EACH	2		\$ 545.00	\$ -
155	05850	CONCRETE COLLAR	EACH	2		\$ 525.00	\$ -
156	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,140	1,216.10	\$ 2.70	\$ 3,283.47
157	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	32	24.00	\$ 236.00	\$ 5,664.00
158	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	600	680.70	\$ 1.25	\$ 850.88
159	05990	2'X3' STORM INLET - WITH PRO RINGS	EACH	9	9.00	\$ 1,600.00	\$ 14,400.00
160	05991	STORM INLET ADJUSTMENT - WITH PRO RINGS	EACH	2	2.00	\$ 550.00	\$ 1,100.00
161	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 15.00	\$ -
162	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	200		\$ 45.54	\$ -
163	07008	8-INCH CONCRETE PAVEMENT	SY	4,500	4,013.41	\$ 35.93	\$ 144,201.82
164	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	3,250	2,785.00	\$ 19.91	\$ 55,449.35
165	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	190		\$ 33.14	\$ -
166	07302	PEDESTRIAN CURB	LF	100	25.00	\$ 35.65	\$ 891.25
167	07304	4-INCH CONCRETE SIDEWALK	SF	7,300	4,055.00	\$ 5.32	\$ 21,572.60
168	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	4,100	3,012.00	\$ 6.42	\$ 19,337.04
169	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	500		\$ 14.00	\$ -
170	08203	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	40		\$ 116.00	\$ -
171	08205	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	30		\$ 140.00	\$ -
172	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	10		\$ 280.00	\$ -
173	11112	CONDUIT 3-INCH HDPE	LF	1,250	1,085.00	\$ 13.00	\$ 14,105.00
174	11123	#10 XLP USE WIRE	LF	1,500	1,110.00	\$ 1.00	\$ 1,110.00
175	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	5	4.00	\$ 1,400.00	\$ 5,600.00
176	12990	PAVEMENT MARKING GROOVED EPOXY, LINE, 4-INCH	LF	15		\$ 3.60	\$ -
177	12992	PAVEMENT MARKING GROOVED EPOXY, LINE, 6-INCH	LF	300		\$ 5.45	\$ -
178	12993	PAVEMENT MARKING GROOVED EPOXY, LINE, 12-INCH	LF	125		\$ 10.95	\$ -
179	12994	PAVEMENT MARKING GROOVED EPOXY, STOP LINE, 18-INCH	LF	50		\$ 12.55	\$ -
180	12995	PAVEMENT MARKING GROOVED EPOXY, SYMBOL, HANDICAP	EACH	1		\$ 145.00	\$ -
181	13002	REMOVE SIGN	EACH	25		\$ 10.00	\$ -
182	13003	REMOVE POSTS	EACH	20		\$ 12.00	\$ -
183	13990	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	3		\$ 100.00	\$ -
184	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	300		\$ 6.00	\$ -
185	14005	TOPSOIL & SOD	SY	2,500		\$ 7.30	\$ -

186	15001	8-INCH WATER MAIN AND FITTINGS	LF	500	495.00	\$ 125.00	\$ 61,875.00
187	15002	8-INCH GATE VALE AND BOX	EACH	2	2.00	\$ 1,950.00	\$ 3,900.00
188	15003	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	1	1.00	\$ 7,000.00	\$ 7,000.00
189	15004	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	2	2.00	\$ 2,130.00	\$ 4,260.00
190	15005	CONNECT 1" COPPER SERVICE LATERAL (SL8)	EACH	4	4.00	\$ 3,700.00	\$ 14,800.00
191	15006	CONNECT 1-1/4" COPPER SERVICE LATERAL (SL9)	EACH	1	1.00	\$ 3,800.00	\$ 3,800.00
192	15007	ABANDON EXISTING HYDRANT	EACH	5	1.00	\$ 435.00	\$ 435.00
193	15008	ABANDON VALVE BOXES AND MANHOLES	LS	1	1.00	\$ 1,500.00	\$ 1,500.00

Total	\$ 2,802,598.84
Less Retainage	\$ 83,895.23
Total	\$ 2,718,703.61
Less Previously Paid	\$ 2,440,077.92
Total Amount Due	\$ 278,625.69

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$278,625.69 be allowed.

Respectfully Submitted,



Alex Damien, P.E.
Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 to Musson Bros., Inc for Tenny Avenue, Newhall Avenue and Pilot Court Utility and Street Improvements.

Contract No. #4249

CONTRACT DATE: April 19, 2022

Original

\$ 2,448,703.68

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.80	\$20,000.00	\$ 16,000.00
2	1015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$850.00	\$ -
3	1995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200		\$20.00	\$ -
3A	1500	CONSTRUCTION SURVEYING & STAKING	LS	1	0.80	\$10,000.00	\$ 8,000.00
4	2002	SILT FENCE	LF	300		\$2.00	\$ -
5	2003	EROSION BALES	EACH	30		\$10.00	\$ -
6	2005	INLET PROTECTION	EACH	40	15.00	\$53.00	\$ 795.00
7	3100	REMOVE SEWER MANHOLE	EACH	5	5.00	\$396.32	\$ 1,981.60
8	3101	REMOVE INLET	EACH	18	18.00	\$204.52	\$ 3,681.36
9	3110	REMOVE PIPE	LF	350	228.00	\$44.20	\$ 10,077.60
10	3205	ABANDON PIPE	LF	50	50.00	\$76.83	\$ 3,841.50
11	3300	REMOVE EXISTING CURB AND GUTTER	LF	1300	525.00	\$5.47	\$ 2,871.75
12	3331	REMOVE EXISTING SIDEWALK	SF	18000	3,041.00	\$2.19	\$ 6,659.79
13	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	425	44.50	\$2.50	\$ 111.25
14	3600	REMOVE EXISTING CONCRETE ROADWAY	SY	7500	6,870.00	\$4.97	\$ 34,143.90
15	3650	REMOVE EXISTING ROADWAY	SY	8250	7,000.00	\$3.57	\$ 24,990.00
16	4010	SHAPING AND GRADING TO SUBGRADE	LF	2000	1,400.00	\$23.25	\$ 32,550.00
17	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1200		\$2.78	\$ -
18	4016	GEOTEXTILE GRID TYPE BX1100	SY	1200	3,528.10	\$3.96	\$ 13,971.28
19	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	5500	4,000.00	\$19.89	\$ 79,560.00
20	4120	SLURRY BACKFILL	CY	250		\$85.59	\$ -
21	4502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	2500	3,128.32	\$24.53	\$ 76,737.69

22	4990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	2000	750.00	\$31.64	\$ 23,730.00
23	4991	FINE GRADING OF ROADWAY BASE (PAVEMENT REPLACEMENT AREA)	LF	1750	1,600.00	\$3.54	\$ 5,664.00
24	5050	INTERNAL CHIMNEY SEAL	EACH	11		\$653.99	\$ -
25	5056	SANITARY LATERAL CLEANOUT	EACH	12	8.00	\$1,850.00	\$ 14,800.00
26	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	12	8.00	\$695.00	\$ 5,560.00
27	5075	SANITARY SEWER SPOT REPAIR	EACH	1		\$5,245.17	\$ -
28	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	3	2.00	\$5,245.17	\$ 10,490.34
29	5080	SANITARY LATERAL REINSTATEMENT	EACH	3		\$75.00	\$ -
30	5108	8 INCH PVC SANITARY SEWER PIPE	LF	710	700.00	\$151.01	\$ 105,707.00
31	5157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	290	253.70	\$185.65	\$ 47,099.41
32	5176	6 INCH SANITARY SEWER RISER	VF	30		\$179.36	\$ -
33	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	185	353.00	\$65.00	\$ 22,945.00
34	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	5		\$4,250.00	\$ -
35	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	70		\$10.00	\$ -
36	5352	SANITARY LATERAL LINING (CIPP) FROM BACK OF WALK TO OPEN CUT LATERAL REPLACEMENT	EACH	7		\$3,675.00	\$ -
37	5400	48 INCH DIA SANITARY MANHOLE	VF	15	10.35	\$326.99	\$ 3,384.35
38	5415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	3		\$2,250.00	\$ -
39	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	10		\$1,701.77	\$ -
40	5475	48 INCH DIA STORM MANHOLE	EACH	8	8.00	\$1,434.72	\$ 11,477.76
41	5485	2'X3' STORM INLET	EACH	13	12.00	\$1,046.54	\$ 12,558.48
42	5542	12 INCH RCP STORM SEWER PIPE	LF	400	322.00	\$83.25	\$ 26,806.50
43	5680	STORM INLET REPAIR	VF	5		\$909.60	\$ -
44	5681	STORM INLET ADJUSTMENT	EACH	1		\$593.55	\$ -
45	5692	STORM MANHOLE REPAIR	VF	10		\$593.55	\$ -
46	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4		\$593.55	\$ -
47	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3330		\$3.50	\$ -
48	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	29		\$375.00	\$ -
49	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	2300		\$3.50	\$ -
50	6100	EXTRA BAGS OF CEMENT	EA	20		\$20.00	\$ -
51	7001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	200		\$75.00	\$ -
52	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	500		\$45.00	\$ -
53	7008	8-INCH CONCRETE PAVEMENT	SY	13000	4,000.00	\$39.00	\$ 156,000.00

54	7109	9-INCH DOWELED CONCRETE PAVEMENT	SY	2000		\$42.00	\$ -
55	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	6000	2,000.00	\$17.00	\$ 34,000.00
56	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	290	30.00	\$50.00	\$ 1,500.00
57	7302	PEDESTRIAN CURB	LF	100		\$50.00	\$ -
58	7304	4-INCH CONCRETE SIDEWALK	SF	14600		\$6.50	\$ -
59	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	5700	1,000.00	\$6.50	\$ 6,500.00
60	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	350	200.00	\$6.50	\$ 1,300.00
61	7990	DRILLED TIE BARS	LF	850		\$10.00	\$ -
62	8052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	250	75.00	\$34.90	\$ 2,617.50
63	8203	HMA PAVEMENT TYPE 3LT5828S	TON	20		\$285.00	\$ -
64	8204	HMA PAVEMENT TYPE 4LT5828S	TON	10		\$285.00	\$ -
65	8205	HMA PAVEMENT TYPE 5LT5828S	TON	10		\$285.00	\$ -
66	8208	HMA PAVEMENT TYPE 5LT5828H	TON	10		\$285.00	\$ -
67	8210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	5		\$285.00	\$ -
68	11990	PILOT COURT STREET LIGHTING CABINET	LS	1		\$17,430.00	\$ -
69	12990	PAVEMENT MARKING GROOVED EPOXY, LINE, 4-INCH	LF	150		\$9.00	\$ -
70	12992	PAVEMENT MARKING GROOVED EPOXY, LINE, 6-INCH	LF	700		\$18.50	\$ -
71	12995	PAVEMENT MARKING GROOVED EPOXY, STOP LINE, 18-INCH	LF	125		\$19.50	\$ -
72	12996	PAVEMENT MARKING GROOVED EPOXY, SYMBOL, HANDICAP	EACH	6		\$350.00	\$ -
73	13002	REMOVE SIGN	EACH	75		\$14.80	\$ -
74	13003	REMOVE POSTS	EACH	35		\$14.80	\$ -
75	13990	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	5		\$200.00	\$ -
76	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	750		\$5.45	\$ -
77	14005	TOPSOIL & SOD	SY	5250		\$7.15	\$ -
78	15001	12-INCH WATER MAIN AND FITTINGS	LF	1700	1,691.00	\$171.47	\$ 289,955.77
79	15002	8-INCH WATER MAIN AND FITTINGS	LF	340	330.00	\$149.20	\$ 49,236.00
80	15003	12-INCH GATE VALVE AND BOX	EACH	5	5.00	\$3,551.67	\$ 17,758.35
81	15004	8-INCH GATE VALVE AND BOX	EACH	4	4.00	\$5,572.43	\$ 22,289.72
82	15005	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	4	4.00	\$12,029.61	\$ 48,118.44
83	15006	CONNECT 1" SERVICE LATERAL (SL1)	EACH	15	13.00	\$3,128.71	\$ 40,673.23

84	15007	CONNECT 1" SERVICE LATERAL (SL2)	EACH	10	10.00	\$5,363.24	\$ 53,632.40
85	15008	ABANDON EXISTING HYDRANT	EACH	4	4.00	\$1,698.85	\$ 6,795.40
86	15009	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$3,397.71	\$ 3,397.71

Total	\$	1,339,970.08
Less Retainage	\$	61,217.59
Total	\$	1,278,752.49
Less Previously Paid	\$	866,883.48
Total Amount Due	\$	411,869.01

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$411,869.01 be allowed.

Respectfully Submitted,

Alex Damien, P.E.
Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 22 to C.D. Smith Construction, Inc., 125 Camelot Drive, Fond du Lac, WI 54935 for *Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plant.*

Contract No. # 4173

CONTRACT DATE: June 2, 2020

Original \$ 17,129,076.00

Amended \$ 17,424,113.20

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
RETURN FLOW PUMP STATION							
301 MOBILIZATION AND GC							
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 196,883.54			\$ 196,883.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 208,890.00			\$ 208,890.00
301.03	ELEC MOBILIZATIONTEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 103,573.36			\$ 103,573.36
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 11,105.82			\$ 11,105.82

302 UNIT PRICES							
301.05	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	175			\$ 40.00	\$ -
301.06	UNSUITABLE FOUNDATION MATERIALS - TRENCHES	CY	50			\$ 125.00	\$ -
301.09	CONCRETE REPAIR, INJECTION GROUTING	LF	30			\$ 44.00	\$ -

303 CONTINGENCY ALLOWANCES							
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -

304 SITEWORK							
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57	\$ 63,797.57			\$ 63,797.57
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 110,000.00			\$ 110,000.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ 65,000.00			\$ 65,000.00
301.17	SITE CONCRETE	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
301.18	ASPHALT PAVING	LS	\$ 6,300.00	\$ 6,300.00			\$ 6,300.00
301.19	FENCING	LS	\$ 10,150.00	\$ 10,150.00			\$ 10,150.00
301.20	LANDSCAPING	LS	\$ 18,933.75	\$ 12,306.94			\$ 12,306.94
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 107,700.00			\$ 107,700.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 486,550.00			\$ 486,550.00

305.00 BLDG 320 - UV DISINFECTION							
301.23	DEMOLITION (L)	LS	\$ 6,128.00	\$ 6,128.00			\$ 6,128.00
301.24	CONCRETE	LS	\$ 16,000.00	\$ 16,000.00			\$ 16,000.00
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00	\$ 5,500.00			\$ 5,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ 1,397,595.24			\$ 1,397,595.24

301.26	EARTHWORK	LS	\$ 7,500.00	\$ 7,500.00			\$ 7,500.00
301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00	\$ 13,680.00			\$ 13,680.00
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00	\$ 15,750.00			\$ 15,750.00
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00	\$ 4,320.00			\$ 4,320.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00	\$ -			\$ -

BLDG 325 - RETURN FLOW PUMP STATION							
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00	\$ 175,260.00			\$ 175,260.00
301.32	WALLS	LS	\$ 343,405.00	\$ 343,405.00			\$ 343,405.00
301.33	SLAB	LS	\$ 86,500.00	\$ 86,500.00			\$ 86,500.00
301.34	EQUIPMENT PADS	LS	\$ 32,750.00	\$ 32,750.00			\$ 32,750.00
301.35	PRECAST	LS	\$ 52,650.00	\$ 52,650.00			\$ 52,650.00
301.36	MASONRY	LS	\$ 385,322.00	\$ 385,322.00			\$ 385,322.00
301.37	METAL FABRICATIONS	LS	\$ 334,383.00	\$ 334,382.20			\$ 334,382.20
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00	\$ 26,800.00			\$ 26,800.00
301.39	AIR BARRIER	LS	\$ 27,500.00	\$ 27,500.00			\$ 27,500.00
301.40	ROOFING	LS	\$ 72,600.00	\$ 72,600.00			\$ 72,600.00
301.41	JOINT SEALANTS	LS	\$ 17,250.00	\$ 17,250.00			\$ 17,250.00
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00	\$ 42,500.00			\$ 42,500.00
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ -	\$ 8,700.00		\$ 8,700.00
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00	\$ 150,824.00	\$ 3,000.00		\$ 153,824.00
301.46	ACCESSORIES	LS	\$ 15,350.00	\$ 9,500.00	\$ 5,000.00		\$ 14,500.00
301.47	EARTHWORK	LS	\$ 275,000.00	\$ 275,000.00			\$ 275,000.00
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00	\$ 17,748.00			\$ 17,748.00
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00	\$ 244,725.20			\$ 244,725.20
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00	\$ 18,200.00			\$ 18,200.00
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00	\$ 97,000.00			\$ 97,000.00
301.52	OVERHEAD CRANE	LS	\$ 42,350.00	\$ 40,232.50			\$ 40,232.50
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00	\$ 28,210.00			\$ 28,210.00
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00	\$ 1,107,281.00			\$ 1,107,281.00
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00	\$ 4,050.00			\$ 4,050.00
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00	\$ 35,200.00			\$ 35,200.00
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00	\$ 30,305.00	\$ 957.00		\$ 31,262.00
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00	\$ 33,725.00	\$ 1,065.00		\$ 34,790.00
301.57	HVAC INSULATION	LS	\$ 16,000.00	\$ -			\$ -
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00	\$ 5,000.00	\$ 2,000.00		\$ 7,000.00
301.330	HVAC FANS	LS	\$ 6,500.00	\$ 3,250.00	\$ 1,625.00		\$ 4,875.00
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00	\$ 113,050.00	\$ 3,570.00		\$ 116,620.00
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00	\$ 508,999.08	\$ 0.92		\$ 509,000.00
301.60	ELECTRICAL	LS	\$ 217,807.14	\$ 196,026.43	\$ 6,534.21		\$ 202,560.64
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00	\$ 85,173.60			\$ 85,173.60
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67	\$ 31,655.67			\$ 31,655.67
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71	\$ 196,616.71			\$ 196,616.71

CHANGE ORDERS							
301.90	1.1A 25KVA GEAR	LS	\$ 10,738.35	\$ 10,738.35			\$ 10,738.35
301.91	1.1B 45 DEGREE BEND CREDIT	LS	\$ (8,547.00)	\$ (8,547.00)			\$ (8,547.00)
301.92	1.1C UL TIE BREAKER CREDIT	LS	\$ (5,250.00)	\$ (5,250.00)			\$ (5,250.00)
301.93	1.1D ADDED PLASTER	LS	\$ 1,558.45	\$ 1,558.45			\$ 1,558.45
301.94	1.1E GENERATOR SUPPORTS	LS	\$ 3,236.30	\$ 3,236.30			\$ 3,236.30
301.95	1.1F FOOTING INSULATION	LS	\$ 406.99	\$ 406.99			\$ 406.99

RETURN FLOW PUMP STATION SUBTOTAL: \$ 7,765,017.08

ADVANCED PHOSPHORUS

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 253,009.58			\$ 253,009.58
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 265,860.00			\$ 265,860.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 131,820.32			\$ 131,820.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 14,134.67			\$ 14,134.67

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300	3		\$ 56.00	\$ 168.00
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270	22.16		\$ 44.00	\$ 974.95
300.025	PAINTING	Hr	80			\$ 75.00	\$ -

302 CONTINGENCY ALLOWANCES							
300.03	GENERAL CONTINGENCY	LS	\$ 63,000.00				\$ -
300.031	HAZARDOUS MATERIAL CONTINGENCY	LS	\$ 40,000.00				\$ -
300.032	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 10,500.00				\$ -

303 SITEWORK							
300.04	ASPHALT PAVING	LS	\$ 56,700.00	\$ 56,700.00			\$ 56,700.00
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 100,919.00	\$ 100,919.00			\$ 100,919.00
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.051	ELECTRICAL	LS	\$ 209,142.13	\$ 209,142.13			\$ 209,142.13
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25	\$ 29,528.25			\$ 29,528.25
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00	\$ 12,200.00			\$ 12,200.00
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00	\$ 42,800.00			\$ 42,800.00
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00	\$ 2,300.00			\$ 2,300.00
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00	\$ 5,200.00			\$ 5,200.00
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00	\$ 25,400.00			\$ 25,400.00
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00	\$ 726,100.00			\$ 726,100.00

305 BLDG 140 PRIMARY EFFLUENT							
300.06	DEMOLITION (L)	LS	\$ 40,382.00	\$ 40,382.00			\$ 40,382.00
300.061	CONCRETE	LS	\$ 16,582.00	\$ 16,582.00			\$ 16,582.00
300.062	ELECTRICAL	LS	\$ 174,402.49	\$ 174,402.49			\$ 174,402.49
300.063	SUBMERSIBLE PUMPS (L)	LS	\$ 48,000.00	\$ 48,000.00			\$ 48,000.00
300.064	SUBMERSIBLE PUMPS (M)	LS	\$ 779,900.00	\$ 779,900.00			\$ 779,900.00
300.065	PROCESS PIPING	LS	\$ 39,200.00	\$ 39,200.00			\$ 39,200.00

306 BLDG 150 - SECOND STAGE PUMPING STATION							
300.07	ELECTRICAL	LS	\$ 74,362.45	\$ 74,362.45			\$ 74,362.45

307 BLDG 210 - AERATION TANKS							
300.08	DEMOLITION (L)	LS	\$ 123,500.00	\$ 123,500.00			\$ 123,500.00
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00	\$ 180,500.00			\$ 180,500.00
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00	\$ 170,400.00			\$ 170,400.00

308 BLDG 230 - FINAL CLARIFIERS							
300.10	ELECTRICAL	LS	\$ 7,268.16	\$ 7,268.16			\$ 7,268.16
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00	\$ 8,496.00			\$ 8,496.00
300.101	PAINTING AND COATING	LS	\$ 17,500.00	\$ 17,500.00			\$ 17,500.00

309 BLDG 240 - RAS/WAS BUILDING							
300.10	ELECTRICAL	LS	\$ 9,880.64	\$ 9,881.64			\$ 9,881.64
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 70,748.19	\$ 70,748.19			\$ 70,748.19
300.101	PAINTING AND COATING	LS	\$ 56,000.00	\$ 56,000.00			\$ 56,000.00

310 BLDG 250 - CHEMICAL BUILDING							
300.11	DEMOLITION (L)	LS	\$ 4,000.00	\$ 4,000.00			\$ 4,000.00
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00	\$ 7,250.00			\$ 7,250.00
300.112	FRP GRATING	LS	\$ 5,000.00	\$ 5,000.00			\$ 5,000.00
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00	\$ 11,500.00			\$ 11,500.00
300.113	PLUMBING - PIPING	LS	\$ 3,750.00	\$ 3,750.00			\$ 3,750.00
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.115	ELECTRICAL	LS	\$ 52,685.28	\$ 52,685.28			\$ 52,685.28
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00	\$ 110,072.00			\$ 110,072.00
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00	\$ 30,600.00			\$ 30,600.00
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00	\$ 800.00			\$ 800.00
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00	\$ 24,600.00			\$ 24,600.00
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00	\$ 40,000.00			\$ 40,000.00
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00	\$ 47,200.00			\$ 47,200.00
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00	\$ 35,450.00			\$ 35,450.00
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00	\$ 57,200.00			\$ 57,200.00
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00	\$ 3,000.00			\$ 3,000.00

311 BLDG 300 - TERTIARY CLARIFIERS							
300.20	DEMOLITION (L)	LS	\$ 14,303.00	\$ 14,303.00			\$ 14,303.00
300.201	CONCRETE SURFACE REPAIR	LS	\$ 6,845.00	\$ 5,133.75			\$ 5,133.75
300.202	ELECTRICAL	LS	\$ 30,750.98	\$ 30,750.98			\$ 30,750.98
300.202.5	INSTRUMENTATION & CONTROLS	LS	\$ 18,313.00	\$ 18,313.00			\$ 18,313.00

300.203	CLARIFIER LAUNDER COVER SYSTEM (L)	LS	\$ 30,800.00	\$ 30,800.00			\$ 30,800.00
300.204	CLARIFIER LAUNDER COVER SYSTEM (M)	LS	\$ 283,000.00	\$ 283,000.00			\$ 283,000.00
300.205	BAFFLE WALLS AND PLATES (L)	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
300.206	BAFFLE WALLS AND PLATES (M)	LS	\$ 9,500.00	\$ 9,500.00			\$ 9,500.00
300.207	VERTICAL PADDLE FLOCCULATION SYSTEM (L)	LS	\$ 45,600.00	\$ 45,600.00			\$ 45,600.00
300.208	VERTICAL PADDLE FLOCCULATION SYSTEM (M)	LS	\$ 227,700.00	\$ 227,700.00			\$ 227,700.00
300.209	PROCESS PIPING -GENERAL (L)	LS	\$ 30,700.00	\$ 30,700.00			\$ 30,700.00
300.210	PROCESS PIPING -GENERAL (M)	LS	\$ 29,300.00	\$ 29,300.00			\$ 29,300.00
300.211	PROCESS PIPING INSULATION	LS	\$ 1,000.00	\$ 1,000.00			\$ 1,000.00

312 BLDG 310 - FILTER BUILDING							
300.22	DEMOLITION (L)	LS	\$ 289,593.00	\$ 289,593.00			\$ 289,593.00
300.221	CONCRETE	LS	\$ 48,109.00	\$ 48,109.00			\$ 48,109.00
300.222	ELECTRICAL	LS	\$ 36,459.00	\$ 36,459.00			\$ 36,459.00
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00	\$ 211,442.00			\$ 211,442.00
300.223	PAINTING AND COATING	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00	\$ 11,300.00			\$ 11,300.00
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00	\$ 226,700.00			\$ 226,700.00
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00	\$ 308,700.00			\$ 308,700.00
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00	\$ 1,145,000.00			\$ 1,145,000.00
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00	\$ 91,000.00			\$ 91,000.00
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00	\$ 200,900.00			\$ 200,900.00
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00	\$ 190,900.00			\$ 190,900.00
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00	\$ 377,900.00			\$ 377,900.00
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00	\$ 10,100.00			\$ 10,100.00

313 BLDG 330 - PRETREATMENT BUILDING							
300.24	DEMOLITION (L)	LS	\$ 2,500.00		\$ 2,500.00		\$ 2,500.00
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00		\$ 14,790.00		\$ 14,790.00
300.242	ELECTRICAL	LS	\$ 3,243.49		\$ 3,243.49		\$ 3,243.49

314 BLDG 400 - SLUDGE THICKENING BUILDING							
300.25	PAINTING AND COATING	LS	\$ 9,700.00	\$ 8,730.00	\$ 194.00		\$ 8,924.00

315 BUILDING 410 - PRIMARY DIGESTER COMPLEX							
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00	\$ 12,750.00			\$ 12,750.00

316 BLDG 430 - DEWATERING BUILDING							
300.27	DEMOLITION (L)	LS	\$ 2,500.00	\$ 623.72			\$ 623.72
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.272	ELECTRICAL	LS	\$ 2,584.06				\$ -

317 BLDG 440 - SLUDGE STORAGE BUILDING AND DRYING PAD							
300.28	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00			\$ 2,500.00
300.281	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 5,220.00	\$ 8,700.00		\$ 13,920.00

318 BLDG 500 - ADMINISTRATION BUILDING							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 352,233.49			\$ 352,233.49
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00	\$ 128,979.50			\$ 128,979.50

319 BLDG 510 - GENERATOR BUILDING							
300.30	DEMOLITION (L)	LS	\$ (69,700.00)				\$ -
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00				\$ -

320 BLDG 530 - SERVICE BUILDING							
300.31	DEMOLITION (L)	LS	\$ 32,500.00				\$ -
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00				\$ -
300.312	ELECTRICAL	LS	\$ 5,390.98				\$ -

321 BLDG 610 - FINAL SETTLING BASINS							
300.32	DEMOLITION (L)	LS	\$ 1,434.00	\$ 1,434.00			\$ 1,434.00
300.321	ELECTRICAL	LS	\$ 7,271.47	\$ 7,271.47			\$ 7,271.47
300.322	TOP MOUNTED MIXERS (L)	LS	\$ 4,600.00	\$ 4,600.00			\$ 4,600.00
300.323	TOP MOUNTED MIXERS (M)	LS	\$ 38,100.00	\$ 38,100.00			\$ 38,100.00
300.324	BAFFLE WALLS AND PLATES (L)	LS	\$ 3,300.00	\$ 3,300.00			\$ 3,300.00
300.325	BAFFLE WALLS AND PLATES (M)	LS	\$ 1,100.00	\$ 1,100.00			\$ 1,100.00
300.326	PIPING SUPPORT SYSTEMS (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.327	PIPING SUPPORT SYSTEMS (M)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.328	PROCESS PIPING - GENERAL (L)	LS	\$ 3,400.00	\$ 3,400.00			\$ 3,400.00
300.329	PROCESS PIPING - GENERAL (M)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.33	PROCESS PIPING INSULATION	LS	\$ 1,900.00	\$ 1,900.00			\$ 1,900.00

CHANGE ORDERS							
300.90	2.1A OXYGEN TRANSFER CREDIT	LS	\$ (3,255.00)	\$ (3,255.00)			\$ (3,255.00)
300.91	2.1B BLOWER STARTERS	LS	\$ 1,748.25	\$ 1,748.25			\$ 1,748.25
300.92	2.1C POLYMER PUMP CREDIT	LS	\$ (2,022.00)	\$ (2,022.00)			\$ (2,022.00)
300.93	2.1D AERATION TANK CREDIT	LS	\$ (9,435.44)	\$ (9,435.44)			\$ (9,435.44)
300.94	2.1E POLYMER SYSTEM POWER	LS	\$ 1,514.10	\$ 1,514.10			\$ 1,514.10
300.95	2.1F 110 140 RELAYS	LS	\$ 4,003.65	\$ 4,003.65			\$ 4,003.65
300.96	2.1G 110 BREAKERS	LS	\$ 3,462.90	\$ 3,462.90			\$ 3,462.90
300.97	2.1H AIR COMPRESSOR STARTER	LS	\$ 4,348.05	\$ 4,348.05			\$ 4,348.05
300.98	3.1A ALP LINE	LS	\$ 295,037.20	\$ 295,037.20			\$ 295,037.20

ADVANCED PHOSPHORUS SUBTOTAL: \$ 8,975,662.22

Total \$ 16,740,679.30

Less Retainage \$ 428,226.90

Total \$ 16,312,452.40

Less Previously Paid \$ 16,250,572.78

Total Amount Due \$ 61,879.62

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$61,879.62 be allowed.

Respectfully Submitted,



Alex Damien, P.E.
Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 23 to C.D. Smith Construction, Inc., 125 Camelot Drive, Fond du Lac, WI 54935 for *Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plant.*

Contract No. # 4173

CONTRACT DATE: June 2, 2020

Original \$ 17,129,076.00

Amended \$ 17,424,113.20

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
RETURN FLOW PUMP STATION							
301	MOBILIZATION AND GC						
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 196,883.54			\$ 196,883.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 208,890.00			\$ 208,890.00
301.03	ELEC MOBILIZATIONTEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 103,573.36			\$ 103,573.36
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 11,105.82			\$ 11,105.82

302	UNIT PRICES						
301.05	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	175			\$ 40.00	\$ -
301.06	UNSUITABLE FOUNDATION MATERIALS - TRENCHES	CY	50			\$ 125.00	\$ -
301.09	CONCRETE REPAIR, INJECTION GROUTING	LF	30			\$ 44.00	\$ -

303	CONTINGENCY ALLOWANCES						
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -

304	SITWORK						
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57	\$ 63,797.57			\$ 63,797.57
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 110,000.00			\$ 110,000.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ 65,000.00			\$ 65,000.00
301.17	SITE CONCRETE	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
301.18	ASPHALT PAVING	LS	\$ 6,300.00	\$ 6,300.00			\$ 6,300.00
301.19	FENCING	LS	\$ 10,150.00	\$ 10,150.00			\$ 10,150.00
301.20	LANDSCAPING	LS	\$ 18,933.75	\$ 12,306.94	\$ 6,626.81		\$ 18,933.75
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 107,700.00			\$ 107,700.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 486,550.00			\$ 486,550.00

305.00	BLDG 320 - UV DISINFECTION						
301.23	DEMOLITION (L)	LS	\$ 6,128.00	\$ 6,128.00			\$ 6,128.00
301.24	CONCRETE	LS	\$ 16,000.00	\$ 16,000.00			\$ 16,000.00
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00	\$ 5,500.00			\$ 5,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ 1,397,595.24			\$ 1,397,595.24

301.26	EARTHWORK	LS	\$ 7,500.00	\$ 7,500.00			\$ 7,500.00
301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00	\$ 13,680.00			\$ 13,680.00
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00	\$ 15,750.00			\$ 15,750.00
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00	\$ 4,320.00			\$ 4,320.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00	\$ -			\$ -

BLDG 325 - RETURN FLOW PUMP STATION							
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00	\$ 175,260.00			\$ 175,260.00
301.32	WALLS	LS	\$ 343,405.00	\$ 343,405.00			\$ 343,405.00
301.33	SLAB	LS	\$ 86,500.00	\$ 86,500.00			\$ 86,500.00
301.34	EQUIPMENT PADS	LS	\$ 32,750.00	\$ 32,750.00			\$ 32,750.00
301.35	PRECAST	LS	\$ 52,650.00	\$ 52,650.00			\$ 52,650.00
301.36	MASONRY	LS	\$ 385,322.00	\$ 385,322.00			\$ 385,322.00
301.37	METAL FABRICATIONS	LS	\$ 334,383.00	\$ 334,382.20			\$ 334,382.20
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00	\$ 26,800.00			\$ 26,800.00
301.39	AIR BARRIER	LS	\$ 27,500.00	\$ 27,500.00			\$ 27,500.00
301.40	ROOFING	LS	\$ 72,600.00	\$ 72,600.00			\$ 72,600.00
301.41	JOINT SEALANTS	LS	\$ 17,250.00	\$ 17,250.00			\$ 17,250.00
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00	\$ 42,500.00			\$ 42,500.00
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ 8,700.00			\$ 8,700.00
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00	\$ 153,824.00			\$ 153,824.00
301.46	ACCESSORIES	LS	\$ 15,350.00	\$ 14,500.00	\$ 850.00		\$ 15,350.00
301.47	EARTHWORK	LS	\$ 275,000.00	\$ 275,000.00			\$ 275,000.00
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00	\$ 17,748.00			\$ 17,748.00
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00	\$ 244,725.20			\$ 244,725.20
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00	\$ 18,200.00			\$ 18,200.00
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00	\$ 97,000.00			\$ 97,000.00
301.52	OVERHEAD CRANE	LS	\$ 42,350.00	\$ 40,232.50			\$ 40,232.50
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00	\$ 28,210.00			\$ 28,210.00
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00	\$ 1,107,281.00			\$ 1,107,281.00
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00	\$ 4,050.00			\$ 4,050.00
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00	\$ 35,200.00			\$ 35,200.00
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00	\$ 31,262.00			\$ 31,262.00
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00	\$ 34,790.00			\$ 34,790.00
301.57	HVAC INSULATION	LS	\$ 16,000.00	\$ -	\$ 5,000.00		\$ 5,000.00
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00	\$ 7,000.00	\$ 3,000.00		\$ 10,000.00
301.330	HVAC FANS	LS	\$ 6,500.00	\$ 4,875.00	\$ 975.00		\$ 5,850.00
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00	\$ 116,620.00			\$ 116,620.00
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00	\$ 509,000.00			\$ 509,000.00
301.60	ELECTRICAL	LS	\$ 217,807.14	\$ 202,560.64			\$ 202,560.64
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00	\$ 85,173.60			\$ 85,173.60
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67	\$ 31,655.67			\$ 31,655.67
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71	\$ 196,616.71			\$ 196,616.71

CHANGE ORDERS							
301.90	1.1A 25KVA GEAR	LS	\$ 10,738.35	\$ 10,738.35			\$ 10,738.35
301.91	1.1B 45 DEGREE BEND CREDIT	LS	\$ (8,547.00)	\$ (8,547.00)			\$ (8,547.00)
301.92	1.1C UL TIE BREAKER CREDIT	LS	\$ (5,250.00)	\$ (5,250.00)			\$ (5,250.00)
301.93	1.1D ADDED PLASTER	LS	\$ 1,558.45	\$ 1,558.45			\$ 1,558.45
301.94	1.1E GENERATOR SUPPORTS	LS	\$ 3,236.30	\$ 3,236.30			\$ 3,236.30
301.95	1.1F FOOTING INSULATION	LS	\$ 406.99	\$ 406.99			\$ 406.99

RETURN FLOW PUMP STATION SUBTOTAL: \$ 7,781,468.89

ADVANCED PHOSPHORUS

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 253,009.58			\$ 253,009.58
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 265,860.00			\$ 265,860.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 131,820.32			\$ 131,820.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 14,134.67			\$ 14,134.67

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300	3		\$ 56.00	\$ 168.00
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270	22.16		\$ 44.00	\$ 974.95
300.025	PAINTING	Hr	80			\$ 75.00	\$ -

302 CONTINGENCY ALLOWANCES							
300.03	GENERAL CONTINGENCY	LS	\$ 63,000.00				\$ -
300.031	HAZARDOUS MATERIAL CONTINGENCY	LS	\$ 40,000.00				\$ -
300.032	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 10,500.00				\$ -

303 SITEWORK							
300.04	ASPHALT PAVING	LS	\$ 56,700.00	\$ 56,700.00			\$ 56,700.00
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 100,919.00	\$ 100,919.00			\$ 100,919.00
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.051	ELECTRICAL	LS	\$ 209,142.13	\$ 209,142.13			\$ 209,142.13
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25	\$ 29,528.25			\$ 29,528.25
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00	\$ 12,200.00			\$ 12,200.00
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00	\$ 42,800.00			\$ 42,800.00
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00	\$ 2,300.00			\$ 2,300.00
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00	\$ 5,200.00			\$ 5,200.00
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00	\$ 25,400.00			\$ 25,400.00
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00	\$ 726,100.00			\$ 726,100.00

305 BLDG 140 PRIMARY EFFLUENT							
300.06	DEMOLITION (L)	LS	\$ 40,382.00	\$ 40,382.00			\$ 40,382.00
300.061	CONCRETE	LS	\$ 16,582.00	\$ 16,582.00			\$ 16,582.00
300.062	ELECTRICAL	LS	\$ 174,402.49	\$ 174,402.49			\$ 174,402.49
300.063	SUBMERSIBLE PUMPS (L)	LS	\$ 48,000.00	\$ 48,000.00			\$ 48,000.00
300.064	SUBMERSIBLE PUMPS (M)	LS	\$ 779,900.00	\$ 779,900.00			\$ 779,900.00
300.065	PROCESS PIPING	LS	\$ 39,200.00	\$ 39,200.00			\$ 39,200.00

306 BLDG 150 - SECOND STAGE PUMPING STATION							
300.07	ELECTRICAL	LS	\$ 74,362.45	\$ 74,362.45			\$ 74,362.45

307 BLDG 210 - AERATION TANKS							
300.08	DEMOLITION (L)	LS	\$ 123,500.00	\$ 123,500.00			\$ 123,500.00
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00	\$ 180,500.00			\$ 180,500.00
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00	\$ 170,400.00			\$ 170,400.00

308 BLDG 230 - FINAL CLARIFIERS							
300.10	ELECTRICAL	LS	\$ 7,268.16	\$ 7,268.16			\$ 7,268.16
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00	\$ 8,496.00			\$ 8,496.00
300.101	PAINTING AND COATING	LS	\$ 17,500.00	\$ 17,500.00			\$ 17,500.00

309 BLDG 240 - RAS/WAS BUILDING							
300.10	ELECTRICAL	LS	\$ 9,880.64	\$ 9,881.64			\$ 9,881.64
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 70,748.19	\$ 70,748.19			\$ 70,748.19
300.101	PAINTING AND COATING	LS	\$ 56,000.00	\$ 56,000.00			\$ 56,000.00

310 BLDG 250 - CHEMICAL BUILDING							
300.11	DEMOLITION (L)	LS	\$ 4,000.00	\$ 4,000.00			\$ 4,000.00
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00	\$ 7,250.00			\$ 7,250.00
300.112	FRP GRATING	LS	\$ 5,000.00	\$ 5,000.00			\$ 5,000.00
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00	\$ 11,500.00			\$ 11,500.00
300.113	PLUMBING - PIPING	LS	\$ 3,750.00	\$ 3,750.00			\$ 3,750.00
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00	\$ 8,500.00			\$ 8,500.00
300.115	ELECTRICAL	LS	\$ 52,685.28	\$ 52,685.28			\$ 52,685.28
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00	\$ 110,072.00			\$ 110,072.00
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00	\$ 30,600.00			\$ 30,600.00
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00	\$ 800.00			\$ 800.00
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00	\$ 24,600.00			\$ 24,600.00
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00	\$ 40,000.00			\$ 40,000.00
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00	\$ 1,500.00			\$ 1,500.00
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00	\$ 47,200.00			\$ 47,200.00
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00	\$ 35,450.00			\$ 35,450.00
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00	\$ 57,200.00			\$ 57,200.00
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00	\$ 3,000.00			\$ 3,000.00

311 BLDG 300 - TERTIARY CLARIFIERS							
300.20	DEMOLITION (L)	LS	\$ 14,303.00	\$ 14,303.00			\$ 14,303.00
300.201	CONCRETE SURFACE REPAIR	LS	\$ 6,845.00	\$ 5,133.75	\$ 1,711.25		\$ 6,845.00
300.202	ELECTRICAL	LS	\$ 30,750.98	\$ 30,750.98			\$ 30,750.98
300.202.5	INSTRUMENTATION & CONTROLS	LS	\$ 18,313.00	\$ 18,313.00			\$ 18,313.00

300.203	CLARIFIER LAUNDER COVER SYSTEM (L)	LS	\$ 30,800.00	\$ 30,800.00			\$ 30,800.00
300.204	CLARIFIER LAUNDER COVER SYSTEM (M)	LS	\$ 283,000.00	\$ 283,000.00			\$ 283,000.00
300.205	BAFFLE WALLS AND PLATES (L)	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
300.206	BAFFLE WALLS AND PLATES (M)	LS	\$ 9,500.00	\$ 9,500.00			\$ 9,500.00
300.207	VERTICAL PADDLE FLOCCULATION SYSTEM (L)	LS	\$ 45,600.00	\$ 45,600.00			\$ 45,600.00
300.208	VERTICAL PADDLE FLOCCULATION SYSTEM (M)	LS	\$ 227,700.00	\$ 227,700.00			\$ 227,700.00
300.209	PROCESS PIPING -GENERAL (L)	LS	\$ 30,700.00	\$ 30,700.00			\$ 30,700.00
300.210	PROCESS PIPING -GENERAL (M)	LS	\$ 29,300.00	\$ 29,300.00			\$ 29,300.00
300.211	PROCESS PIPING INSULATION	LS	\$ 1,000.00	\$ 1,000.00			\$ 1,000.00

312 BLDG 310 - FILTER BUILDING							
300.22	DEMOLITION (L)	LS	\$ 289,593.00	\$ 289,593.00			\$ 289,593.00
300.221	CONCRETE	LS	\$ 48,109.00	\$ 48,109.00			\$ 48,109.00
300.222	ELECTRICAL	LS	\$ 36,459.00	\$ 36,459.00			\$ 36,459.00
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00	\$ 211,442.00			\$ 211,442.00
300.223	PAINTING AND COATING	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00	\$ 11,300.00			\$ 11,300.00
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00	\$ 226,700.00			\$ 226,700.00
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00	\$ 308,700.00			\$ 308,700.00
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00	\$ 1,145,000.00			\$ 1,145,000.00
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00	\$ 91,000.00			\$ 91,000.00
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00	\$ 200,900.00			\$ 200,900.00
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00	\$ 190,900.00			\$ 190,900.00
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00	\$ 377,900.00			\$ 377,900.00
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00	\$ 10,100.00			\$ 10,100.00

313 BLDG 330 - PRETREATMENT BUILDING							
300.24	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00			\$ 2,500.00
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 14,790.00	\$ 870.00		\$ 15,660.00
300.242	ELECTRICAL	LS	\$ 3,243.49	\$ 3,243.49			\$ 3,243.49

314 BLDG 400 - SLUDGE THICKENING BUILDING							
300.25	PAINTING AND COATING	LS	\$ 9,700.00	\$ 8,924.00			\$ 8,924.00

315 BUILDING 410 - PRIMARY DIGESTER COMPLEX							
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00	\$ 12,750.00			\$ 12,750.00

316 BLDG 430 - DEWATERING BUILDING							
300.27	DEMOLITION (L)	LS	\$ 2,500.00	\$ 623.72	\$ 1,876.28		\$ 2,500.00
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00		\$ 15,660.00		\$ 15,660.00
300.272	ELECTRICAL	LS	\$ 2,584.06		\$ 2,325.65		\$ 2,325.65

317 BLDG 440 - SLUDGE STORAGE BUILDING AND DRYING PAD							
300.28	DEMOLITION (L)	LS	\$ 2,500.00	\$ 2,500.00			\$ 2,500.00
300.281	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 13,920.00	\$ 3,480.00		\$ 17,400.00

318 BLDG 500 - ADMINISTRATION BUILDING							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 352,233.49	\$ 16,700.47		\$ 368,933.96
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00	\$ 128,979.50	\$ 8,775.50		\$ 137,755.00

319 BLDG 510 - GENERATOR BUILDING							
300.30	DEMOLITION (L)	LS	\$ (69,700.00)		\$ (69,700.00)		\$ (69,700.00)
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00		\$ 6,090.00		\$ 6,090.00

320 BLDG 530 - SERVICE BUILDING							
300.31	DEMOLITION (L)	LS	\$ 32,500.00		\$ 32,500.00		\$ 32,500.00
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00		\$ 23,490.00		\$ 23,490.00
300.312	ELECTRICAL	LS	\$ 5,390.98		\$ 4,851.88		\$ 4,851.88

321 BLDG 610 - FINAL SETTLING BASINS							
300.32	DEMOLITION (L)	LS	\$ 1,434.00	\$ 1,434.00			\$ 1,434.00
300.321	ELECTRICAL	LS	\$ 7,271.47	\$ 7,271.47			\$ 7,271.47
300.322	TOP MOUNTED MIXERS (L)	LS	\$ 4,600.00	\$ 4,600.00			\$ 4,600.00
300.323	TOP MOUNTED MIXERS (M)	LS	\$ 38,100.00	\$ 38,100.00			\$ 38,100.00
300.324	BAFFLE WALLS AND PLATES (L)	LS	\$ 3,300.00	\$ 3,300.00			\$ 3,300.00
300.325	BAFFLE WALLS AND PLATES (M)	LS	\$ 1,100.00	\$ 1,100.00			\$ 1,100.00
300.326	PIPING SUPPORT SYSTEMS (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.327	PIPING SUPPORT SYSTEMS (M)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.328	PROCESS PIPING - GENERAL (L)	LS	\$ 3,400.00	\$ 3,400.00			\$ 3,400.00
300.329	PROCESS PIPING - GENERAL (M)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.33	PROCESS PIPING INSULATION	LS	\$ 1,900.00	\$ 1,900.00			\$ 1,900.00

CHANGE ORDERS							
300.90	2.1A OXYGEN TRANSFER CREDIT	LS	\$ (3,255.00)	\$ (3,255.00)			\$ (3,255.00)
300.91	2.1B BLOWER STARTERS	LS	\$ 1,748.25	\$ 1,748.25			\$ 1,748.25
300.92	2.1C POLYMER PUMP CREDIT	LS	\$ (2,022.00)	\$ (2,022.00)			\$ (2,022.00)
300.93	2.1D AERATION TANK CREDIT	LS	\$ (9,435.44)	\$ (9,435.44)			\$ (9,435.44)
300.94	2.1E POLYMER SYSTEM POWER	LS	\$ 1,514.10	\$ 1,514.10			\$ 1,514.10
300.95	2.1F 110 140 RELAYS	LS	\$ 4,003.65	\$ 4,003.65			\$ 4,003.65
300.96	2.1G 110 BREAKERS	LS	\$ 3,462.90	\$ 3,462.90			\$ 3,462.90
300.97	2.1H AIR COMPRESSOR STARTER	LS	\$ 4,348.05	\$ 4,348.05			\$ 4,348.05
300.98	3.1A ALP LINE	LS	\$ 295,037.20	\$ 295,037.20			\$ 295,037.20

ADVANCED PHOSPHORUS SUBTOTAL: \$ 9,024,293.25

Total \$ 16,805,762.14

Less Retainage \$ 428,226.90

Total \$ 16,377,535.24

Less Previously Paid \$ 16,312,452.40

Total Amount Due \$ 65,082.84

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$65,082.84 be allowed.

Respectfully Submitted,



Alex Damien, P.E.
Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to State Contractors, Inc. for 16575 W. Dakota Street, New Berlin, WI 53151 for
Concrete Sidewalk Replacement - City Wide.

Contract No. # 4242

CONTRACT DATE: February 11, 2022

Original \$ 681,190.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	07304	4-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	75,500	19,373.14	\$ 8.00	\$ 154,985.12
2	07316	6-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	6,000	342.5	\$ 7.75	\$ 2,654.38
3	07326	6-Inch Concrete Drive Approach	Sq. Ft.	3,000		\$ 7.75	\$ -
4	07002	Concrete Curb an Gutter Removal and Replacement	Lin. Ft.	340	41.4	\$ 20.00	\$ 828.00
5	07301	Detectable Warming Field	Sq. Ft.	16	20	\$ 40.00	\$ 800.00

Total \$ 159,267.50

Less Retainage \$ 7,963.38

Total \$ 151,304.12

Less Previously Paid \$ 74,824.85

Total Amount Due \$ 76,479.27

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$76,479.27 be allowed.

Respectfully Submitted,



Alex Damien P.E.,
Interim Director of Public Works

August 18, 2022

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to *Wolf Paving Co., Inc.*, 612 N. Sawyer Rd., Oconomowoc, WI 53066 for 2022 Asphalt Street Resurfacing.

Contract No. #4250

CONTRACT DATE: May 3, 2022

Original \$ 1,897,735.70

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.75	\$13,500.00	\$ 10,125.00
2	2003	EROSION BALES	EACH	20		\$19.00	\$ -
3	2005	INLET PROTECTION	EACH	11	18.00	\$85.00	\$ 1,530.00
4	3300	REMOVE EXISTING CURB AND GUTTER	LF	1200	2109.40	\$5.51	\$ 11,622.79
5	3331	REMOVE EXISTING SIDEWALK	SF	9000	8924.30	\$0.60	\$ 5,354.58
6	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	400	361.3	\$2.25	\$ 812.93
7	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1500		\$3.00	\$ -
8	4016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$2.50	\$ -
9	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3500	223.75	\$16.50	\$ 3,691.88
10	4990	SHAPING AND GRADING FINE GRADING	SY	22000	21639.30	\$1.00	\$ 21,639.30
11	4991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1000	1132.80	\$32.80	\$ 37,155.84
12	5050	INTERNAL CHIMNEY SEAL	EACH	39	15.00	\$700.00	\$ 10,500.00
13	5055	CLEANOUT	EACH	6	6.00	\$500.00	\$ 3,000.00
14	5077	SANITARY LATERAL REPAIR	EACH	2	2.00	\$500.00	\$ 1,000.00
15	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	1		\$3,250.00	\$ -
16	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	3		\$900.00	\$ -
17	5422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	6		\$1,300.00	\$ -
18	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	39	40.00	\$1,900.00	\$ 76,000.00
19	5475	48 INCH DIA STORM MANHOLE	EACH	2	3.00	\$4,500.00	\$ 13,500.00
20	5485	2'X3' STORM INLET	EACH	7	6.00	\$1,700.00	\$ 10,200.00
21	5503	PVC STORM SEWER SUMP LATERAL PIPE	LF	340	276.50	\$50.00	\$ 13,825.00
22	5508	8 INCH PVC STORM SEWER PIPE	LF	145	139.00	\$90.00	\$ 12,510.00
23	5542	12 INCH RCP STORM SEWER PIPE	LF	10	14.50	\$150.00	\$ 2,175.00
24	5680	STORM INLET REPAIR	VF	10	5.00	\$250.00	\$ 1,250.00
25	5692	STORM MANHOLE REPAIR	VF	5		\$250.00	\$ -

26	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	6	6.00	\$1,300.00	\$ 7,800.00
27	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	2		\$472.00	\$ -
28	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	155	100.00	\$9.00	\$ 900.00
29	5956	STORM SEWER LATERAL TELEVISIONING	EACH	6		\$472.00	\$ -
30	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	1200	1949.40	\$32.73	\$ 63,803.86
31	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	536	520.00	\$35.00	\$ 18,200.00
32	7302	PEDESTRIAN CURB	LF	100	132.60	\$27.00	\$ 3,580.20
33	7304	4-INCH CONCRETE SIDEWALK	SF	9000	8198.30	\$5.24	\$ 42,959.09
34	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	500	726.00	\$6.85	\$ 4,973.10
35	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	9900	9865.78	\$1.60	\$ 15,785.25
36	8016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	22000	21639.30	\$1.85	\$ 40,032.71
37	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	9900	9865.78	\$0.09	\$ 887.92
38	8065	HMA PAVEMENT PATCHING	SY	1000	107.00	\$22.00	\$ 2,354.00
39	8203	HMA PAVEMENT TYPE 3LT5828S	TON	3800	3861.90	\$68.20	\$ 263,381.58
40	8205	HMA PAVEMENT TYPE 5LT5828S	TON	3700	3037.61	\$76.20	\$ 231,465.88
41	8403	PAVEMENT CRACK SEALING	SY	9900		\$1.55	\$ -
42	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	2600		\$2.95	\$ -
43	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	520		\$4.35	\$ -
44	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	450		\$8.75	\$ -
45	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	100		\$13.05	\$ -
46	13002	REMOVE SIGN	EACH	30		\$30.00	\$ -
47	13003	REMOVE POSTS	EACH	11		\$30.00	\$ -
48	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	11		\$100.00	\$ -
49	13021	SIGN	EACH	13		\$125.00	\$ -
50	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$10.00	\$ -
51	14005	TOPSOIL & SOD	SY	1000	883.10	\$11.50	\$ 10,155.65
52	3042	GRUBBING	INCH DIA	22		\$65.00	\$ -
CCO1		INLET PROTECTION TYPE "D"	EACH	7	7.00	\$225.00	\$ 1,575.00
ALTERNATE #1 BONNIE LANE							
79	1001	TRAFFIC CONTROL	LS	1	1.00	\$4,500.00	\$ 4,500.00
80	2003	EROSION BALES	EACH	20	51.00	\$19.00	\$ 969.00
81	3300	REMOVE EXISTING CURB AND GUTTER	LF	200	184.90	\$7.00	\$ 1,294.30
82	3331	REMOVE EXISTING SIDEWALK	SF	1500	2337.00	\$0.90	\$ 2,103.30

83	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	130	132.60	\$2.25	\$ 298.35
84	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1000		\$3.00	\$ -
85	4016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$2.50	\$ -
86	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1500	300.00	\$16.20	\$ 4,860.00
87	4990	SHAPING AND GRADING FINE GRADING	SY	6900	6846.70	\$1.00	\$ 6,846.70
88	4991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500	708.96	\$32.80	\$ 23,253.89
89	5050	INTERNAL CHIMNEY SEAL	EACH	7	7.00	\$700.00	\$ 4,900.00
90	5422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	2		\$1,300.00	\$ -
91	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	7	7.00	\$1,900.00	\$ 13,300.00
92	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	200	184.90	\$33.50	\$ 6,194.15
93	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	50	60.00	\$40.00	\$ 2,400.00
94	7302	PEDESTRIAN CURB	LF	100		\$27.00	\$ -
95	7304	4-INCH CONCRETE SIDEWALK	SF	1500	2200.50	\$5.95	\$ 13,092.98
96	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	500	136.50	\$7.00	\$ 955.50
97	8016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	6900	6846.70	\$2.50	\$ 17,116.75
98	8203	HMA PAVEMENT TYPE 3LT5828S	TON	1500	1161.71	\$68.00	\$ 78,996.28
99	8205	HMA PAVEMENT TYPE 5LT5828S	TON	1000	789.96	\$76.20	\$ 60,194.95
100	13002	REMOVE SIGN	EACH	6		\$30.00	\$ -
101	13003	REMOVE POSTS	EACH	2		\$30.00	\$ -
102	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	2		\$100.00	\$ -
103	13021	SIGN	EACH	2		\$150.00	\$ -
104	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$10.00	\$ -
105	14005	TOPSOIL & SOD	SY	500	219.50	\$12.00	\$ 2,634.00
Alternate #2 Parking Lot 3, 4, and 5							
106	1001	TRAFFIC CONTROL	LS	1		\$2,850.00	\$ -
107	2005	INLET PROTECTION	EACH	6		\$85.00	\$ -
108	3300	REMOVE EXISTING CURB AND GUTTER	LF	150		\$8.00	\$ -
109	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	100		\$2.25	\$ -
110	3990	REMOVE CONCRETE BAND AND BRICK PAVERS	LS	1		\$1,700.00	\$ -
111	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	100		\$19.00	\$ -
112	5680	STORM INLET REPAIR	VF	5		\$250.00	\$ -
113	5692	STORM MANHOLE REPAIR	VF	5		\$250.00	\$ -
114	5681	STORM INLET ADJUSTMENT	EACH	5		\$800.00	\$ -

115	5693	STORM MANHOLE ADJUSTMENT	EACH	1		\$800.00	\$ -
116	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	5		\$1,300.00	\$ -
117	7008	8-INCH CONCRETE PAVEMENT	SY	20		\$60.00	\$ -
118	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	150		\$35.00	\$ -
119	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	64		\$35.00	\$ -
120	7304	4-INCH CONCRETE SIDEWALK	SF	1000		\$5.85	\$ -
121	7990	8-INCH CONCRETE PAVEMENT, COLORED	SY	25		\$225.00	\$ -
122	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	8200		\$3.70	\$ -
123	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	8200		\$0.09	\$ -
124	8065	HMA PAVEMENT PATCHING	SY	500		\$20.00	\$ -
125	8205	HMA PAVEMENT TYPE 5LT5828S	TON	1000		\$82.00	\$ -
126	8403	PAVEMENT CRACK SEALING	SY	8200		\$1.85	\$ -
127	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4500		\$2.95	\$ -
128	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	20		\$13.05	\$ -
129	12277	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	11		\$95.00	\$ -
130	14990	SALVAGE AND REUSE BRICK PAVERS	SF	1000		\$6.00	\$ -
Alternate #3 New Berlin Trail Connector							
131	1001	TRAFFIC CONTROL	LS	1	0.50	\$3,000.00	\$ 1,500.00
132	2005	INLET PROTECTION	EACH	2	2.00	\$85.00	\$ 170.00
133	2106	TEMPORARY DITCH CHECK	EACH	2		\$90.00	\$ -
134	2166	CULVERT PIPE CHECK	EACH	2		\$90.00	\$ -
135	2991	STAKED WATTLES	LF	500		\$3.50	\$ -
136	3011	CLEARING	STA	17	21.00	\$875.00	\$ 18,375.00
137	3012	GRUBBING	STA	17	21.00	\$375.00	\$ 7,875.00
138	3250	REMOVE FENCE	LF	230	249.00	\$8.00	\$ 1,992.00
139	3331	REMOVE EXISTING SIDEWALK	SF	320	180.90	\$1.00	\$ 180.90
140	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	220	152.50	\$2.25	\$ 343.13
141	3650	REMOVE EXISTING ROADWAY	SY	510	429.10	\$11.00	\$ 4,720.10
142	4998	REMOVE EXISTING RAILROAD RAIL	STA	6	6.00	\$1,200.00	\$ 7,200.00
143	4999	REMOVE EXISTING RAILROAD TIES	STA	6	6.00	\$3,000.00	\$ 18,000.00
144	4010	SHAPING AND GRADING TO SUBGRADE	LF	640	500.00	\$15.00	\$ 7,500.00
145	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	400		\$4.00	\$ -
146	4016	GEOTEXTILE GRID TYPE BX1100	SY	400		\$6.00	\$ -

147	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1600		\$16.50	\$ -
148	4991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	300		\$45.66	\$ -
149	5548	18 INCH RCP STORM SEWER PIPE	LF	88		\$160.00	\$ -
150	5718	18 INCH RCP STORM SEWER FLARED END SECTION	EACH	4		\$1,100.00	\$ -
151	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	50	22.00	\$48.60	\$ 1,069.20
152	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	40		\$38.00	\$ -
153	7304	4-INCH CONCRETE SIDEWALK	SF	380		\$6.00	\$ -
154	8203	HMA PAVEMENT TYPE 3LT5828S	TON	2		\$190.00	\$ -
155	8205	HMA PAVEMENT TYPE 5LT5828S	TON	1		\$250.00	\$ -
156	8215	HMA WALK & BIKEPATH, TYPE 4LT5828S	TON	680		\$82.00	\$ -
157	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	60		\$4.35	\$ -
158	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	90		\$8.75	\$ -
159	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	2790		\$7.00	\$ -
160	14991	WOOD RAILING	LF	720		\$37.56	\$ -
161	14992	CHAIN LINK FENCING W/ BARBED WIRE	LF	195		\$90.00	\$ -
162	4501	CRUSHED AGGREGATE BASE COURSE, 3/4"	TON	400		\$22.00	\$ -
163	4010	SHAPING AND GRADING (FINE GRADING)	LF	2000	1500.00	\$2.80	\$ 4,200.00

Total	\$ 1,260,782.04
Less Retainage	\$ 47,443.39
Total	\$ 1,213,338.65
Less Previously Paid	\$ 760,575.63
Total Amount Due	\$ 452,763.02

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$452,763.02 be allowed.

Respectfully Submitted,

Alex Damien, P.E.
Interim Director of Public Works