

SUMMARY TABLE  
FOR  
PARTIAL PAYMENTS

**May 4, 2023**

1. Advance Construction, Inc., for South Side Pump Station Consolidation.	\$571,023.96
2. C.W. Purpero, Inc. for Area 5 and Area 7 Flood Mitigation.	\$46,374.00
3. State Contractors, Inc., for West Broadway and East Avenue Street Utility and Traffic Improvements.	\$76,853.91
4. State Contractors, Inc. for Buchner Park Step Replacement.	\$19,118.75
5. Super Western, Inc. for Delafield Street And Lemira Avenue Utility And Street Improvements - (BASE BID) - CONCRETE.	\$985,205.33

May 4, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54313 for South Side Pump Station Consolidation project.

Contract No. #4278

CONTRACT DATE: December 9, 2022

Original \$ 13,764,753.62

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.05	\$100,000.00	\$ 5,000.00
2	1010	MOBILIZATION	LS	1	0.21	\$538,400.00	\$ 113,064.00
3	1050	TREE PROTECTION	EACH	20	0	\$595.00	\$ -
4	2002	SILT FENCE	LF	6300	317.00	\$2.05	\$ 649.85
5	2005	INLET PROTECTION	EACH	25	2.00	\$60.00	\$ 120.00
6	2007	SILT SOCK	LF	400	650.00	\$8.95	\$ 5,817.50
7	2990	FOX POINT DEWATERING	LS	1	0.50	\$200,000.00	\$ 100,000.00
8	2991	WEST AVENUE DEWATERING	LS	1	0	\$100,000.00	\$ -
9	2992	FOX RIVER PARKWAY SEWER DEWATERING	LS	1	0	\$530,000.00	\$ -
10	2993	FOX VILLAGE SEWER DEWATERING	LS	1	0	\$90,000.00	\$ -
11	3011	CLEARING	STA	20	0	\$504.14	\$ -
12	3012	GRUBBING	STA	20	0	\$140.21	\$ -
13	03057a	TREE REMOVAL INCH DIAMETER (8 INCHES OR LESS)	EACH	5	0	\$197.16	\$ -
14	03057b	TREE REMOVAL INCH DIAMETER (9-16 INCHES)	EACH	15	0	\$266.76	\$ -
15	03057c	TREE REMOVAL INCH DIAMETER (17-24 INCHES)	EACH	1	0	\$985.81	\$ -
16	03057d	TREE REMOVAL INCH DIAMETER (25-32 INCHES)	EACH	1	0	\$985.81	\$ -
17	03058e	TREE REMOVAL INCH DIAMETER (48 INCHES)	EACH	1	0	\$1,310.80	\$ -
18	3100	REMOVE SEWER MANHOLE	EACH	4	0	\$1,000.00	\$ -
19	3110	REMOVE PIPE	LF	250	0	\$45.00	\$ -
20	3120	REMOVE PIPE - ASBESTOS	LF	600	0	\$25.00	\$ -
21	3200	ABANDON SEWER MANHOLE	EACH	8	0	\$1,000.00	\$ -
22	3205	ABANDON PIPE	LF	10200	0	\$8.00	\$ -
23	3300	REMOVE EXISTING CURB AND GUTTER	LF	300	0	\$5.00	\$ -
24	3331	REMOVE EXISTING SIDEWALK	SF	2100	0	\$2.00	\$ -
25	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	100	0	\$3.00	\$ -

26	3650	REMOVE EXISTING ROADWAY	SY	300	0	\$10.00	\$ -
27	3990	BURR OAK PUMP STATION DECOMMISSIONING	LS	1	0	\$190,530.00	\$ -
28	3991	DECOMMISSION EXISTING FOX POINT PUMP STATION	LS	1	0	\$66,800.00	\$ -
29	3992	DECOMMISSION EXISTING WEST AVENUE PUMP STATION	LS	1	0	\$104,000.00	\$ -
30	3993	DECOMMISSION EXISTING SUNSET DRIVE PUMP STATION	LS	1	0	\$164,500.00	\$ -
31	3994	ABANDON BURIED VALVE IN VALVE BOX	EACH	2	0	\$1,200.00	\$ -
32	3995	ABANDON BURIED FORCE MAIN AIR BLEEDER	EACH	4	0	\$1,200.00	\$ -
33	4005	ROCK EXCAVATION	CY	25	0	\$200.00	\$ -
34	4009	SHAPING AND GRADING (FINE GRADING)	SY	2900	0	\$6.50	\$ -
35	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500	0	\$3.30	\$ -
36	4016	GEOTEXTILE FABRIC TYPE BX1100	SY	500	0	\$3.00	\$ -
37	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	600	0	\$17.00	\$ -
38	4120	SLURRY BACKFILL	CY	150	0	\$125.00	\$ -
39	4208	HORIZONTAL DIRECTIONAL DRILL 8 INCH PIPE	LF	180	0	\$196.00	\$ -
40	4502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INLCUDES EBS)	TON	250	0	\$27.00	\$ -
41	4990	TRENCH STABILIZATION	LF	200	0	\$10.00	\$ -
42	4991	SHAPING AND GRADING EXISTING MILKY WAY ROAD BASE	LF	335	0	\$27.00	\$ -
43	5011	PIPE BULKHEAD	EACH	12	0	\$600.00	\$ -
44	5020	SANITARY MANHOLE ADJUSTMENT	EACH	1	0	\$1,200.00	\$ -
45	5039	6 INCH SANITARY SEWER OUTSIDE DROP	VF	7	0	\$400.00	\$ -
46	5040	8 INCH SANITARY SEWER OUTSIDE DROP	VF	12	0	\$400.00	\$ -
47	5050	INTERNAL CHIMNEY SEAL	EACH	25	0	\$575.00	\$ -
48	5108	8 INCH PVC SANITARY SEWER PIPE	LF	50	0	\$281.00	\$ -
49	5110	10 INCH PVC SANITARY SEWER PIPE	LF	20	0	\$299.00	\$ -
50	5115	15 INCH PVC SANITARY SEWER PIPE	LF	4300	0	\$305.00	\$ -
51	5118	18 INCH PVC SANITARY SEWER PIPE	LF	1200	0	\$326.00	\$ -
52	5157	6 INCH SANITARY LATERAL REPLACEMENT (OPEN CUT)	LF	50	0	\$303.00	\$ -
53	5176	6 INCH SANITARY SEWER RISER	VF	20	0	\$303.00	\$ -
54	5208	8 INCH PVC PRESSURE SANITARY SEWER PIPE	LF	130	0	\$272.00	\$ -
55	5400	48-INCH DIA SANITARY MANHOLE	VF	255	0	\$604.00	\$ -
56	5402	60-INCH DIA SANITARY MANHOLE	VF	125	0	\$724.00	\$ -
57	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	1	0	\$1,800.00	\$ -
58	5475	48-INCH DIA STORM MANHOLE	EACH	1	0	\$9,191.00	\$ -

59	5485	2'X3' STORM INLET	EACH	4	0	\$4,052.00	\$ -
60	5542	12 INCH RCP STORM SEWER PIPE	LF	100	0	\$120.00	\$ -
61	5554	24 INCH RCP STORM SEWER PIPE	LF	25	0	\$208.00	\$ -
62	5680	STORM INLET REPAIR	VF	20	0	\$500.00	\$ -
63	5681	STORM INLET ADJUSTMENT	EACH	2	0	\$1,000.00	\$ -
64	5692	STORM MANHOLE REPAIR	VF	10	0	\$500.00	\$ -
65	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	2	0	\$1,500.00	\$ -
66	5850	CONCRETE COLLAR	EACH	2	0	\$1,000.00	\$ -
67	5902	MEDIUM RIPRAP	CY	75	0	\$100.00	\$ -
68	5905	RIPRAP FILTER FABRIC, TYPE HR	SY	100	0	\$2.50	\$ -
69	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	7800	0	\$2.95	\$ -
70	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	7	0	\$675.00	\$ -
71	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	1900	0	\$5.00	\$ -
72	05990a	NEW FOX POINT PUMP STATION CIVIL WORK	LS		41%	\$874,879.00	See items below (72.01 to 72.12)
<b>72.01</b>		<b>Site Prep</b>	<b>LS</b>	<b>1</b>	<b>0.75</b>	<b>\$98,010.00</b>	<b>\$ 73,507.50</b>
<b>72.02</b>		<b>Erosion Control</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$2,880.00</b>	<b>\$ 2,880.00</b>
72.03		Concrete Work	LS	1	0	\$38,766.00	\$ -
72.04		Site Grading	LS	1	0	\$24,350.00	\$ -
72.05		Asphalt Work	LS	1	0	\$47,500.00	\$ -
72.06		Lawn Restoration	LS	1	0	\$5,000.00	\$ -
<b>72.07</b>		<b>Cofferdam</b>	<b>LS</b>	<b>1</b>	<b>1.00</b>	<b>\$187,450.00</b>	<b>\$ 187,450.00</b>
<b>72.08</b>		<b>Excavation of Wet Well</b>	<b>LS</b>	<b>1</b>	<b>0.80</b>	<b>\$118,000.00</b>	<b>\$ 94,400.00</b>
72.09		Backfill of Wet Well	LS	1	0	\$49,500.00	\$ -
72.10		Excavation & Backfill for Footings on Building	LS	1	0	\$30,000.00	\$ -
72.11		Gravity Sewer Work	LS	1	0	\$213,761.00	\$ -
72.12		Force Main	LS	1	0	\$59,662.00	\$ -
<b>73</b>	<b>05990b</b>	<b>NEW FOX POINT PUMP STATION FACILITY WORK</b>	<b>LS</b>	<b>1</b>	<b>0.009</b>	<b>\$2,021,000.00</b>	<b>\$ 18,189.00</b>
74	05991a	NEW WEST AVENUE PUMP STATION CIVIL WORK	LS	1	0	\$801,288.00	\$ -
75	05991b	NEW WEST AVENUE PUMP STATION FACILITY WORK	LS	1	0	\$1,940,000.00	\$ -
76	05992a	HEYER DRIVE PUMP STATION UPGRADES CIVIL WORK	LS	1	0	\$66,833.00	\$ -
77	05992b	HEYER DRIVE PUMP STATION UPGRADES FACILITY WORK	LS	1	0	\$2,245,000.00	\$ -
78	5993	MILKY WAY ROAD PUMP STATION UPGRADES AND CIVIL WORK	LS	1	0	\$332,700.00	\$ -
79	5994	SUNSET DRIVE PUMP STATION CIVIL WORK	LS	1	0	\$84,196.00	\$ -
80	5995	AIR RELEASE/VACUUM VALVE MANHOLE	EACH	1	0	\$29,116.00	\$ -

81	5996	REPLACE AIR RELEASE/VACUUM VALVE	EACH	4	0	\$12,750.00	\$ -
82	5997	CONNECT TO EXISTING MANHOLE	EACH	3	0	\$2,000.00	\$ -
83	7001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	700	0	\$81.00	\$ -
84	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	825	0	\$47.00	\$ -
85	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	100	0	\$50.00	\$ -
86	7302	PEDESTRIAN CURB	LF	100	0	\$53.00	\$ -
87	7304	4-INCH CONCRETE SIDEWALK	SF	2400	0	\$11.50	\$ -
88	7991	8-INCH CONCRETE SIDEWALK & DRIVE	SF	200	0	\$13.50	\$ -
89	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	2600	0	\$8.00	\$ -
90	8016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	2850	0	\$10.50	\$ -
91	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	2600	0	\$0.60	\$ -
92	8051	HMA PAVEMENT TEMPORARY PATCHING	SY	2100	0	\$25.50	\$ -
93	8065	HMA PAVEMENT PATCHING	SY	500	0	\$45.00	\$ -
94	8203	HMA PAVEMENT TYPE 3LT5828S	TON	860	0	\$118.00	\$ -
95	8204	HMA PAVEMENT TYPE 4LT5828S	TON	275	0	\$145.00	\$ -
96	8205	HMA PAVEMENT TYPE 5LT5828S	TON	890	0	\$125.00	\$ -
97	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	700	0	\$5.50	\$ -
98	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	1900	0	\$5.25	\$ -
99	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	60	0	\$15.00	\$ -
100	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	300	0	\$35.00	\$ -
101	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	450	0	\$25.00	\$ -
102	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	40	0	\$40.00	\$ -
103	12277	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	1	0	\$375.00	\$ -
104	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS	EACH	4	0	\$295.00	\$ -
105	14005	TOPSOIL AND SOD	SY	800	0	\$12.00	\$ -
106	14990	TOPSOIL, FERTILIZER, SEED NO. 40, & EROSION MAT	SY	13000	0	\$8.70	\$ -
107	14991	TOPSOIL, FERTILIZER, SEED NO. 70, & EROSION MAT	SY	4400	0	\$11.50	\$ -
108	14992	WETLAND RESTORATION	SY	8300	0	\$4.17	\$ -
109	15001	ADJUST VALVE BOX	EACH	9	0	\$250.00	\$ -

Total	\$	601,077.85
Less Retainage	\$	30,053.89
Total	\$	571,023.96
Less Previously Paid	\$	-
Total Amount Due	\$	571,023.96

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$571,023.96 be allowed.

Respectfully Submitted,

A handwritten signature in black ink that reads "Alex Damien P.E." with a stylized flourish at the end.

Alex Damien, P.E.

Director of Public Works

May 4, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 12 to C.W. Purpero, Inc., 1190 W. Rawson Ave., Oak Creek, WI 53154 for Area 5 and Area 7 Flood Mitigation.

Contract No. # 4255

CONTRACT DATE: June 7, 2022

Original \$ 2,599,587.78  
CCO1 \$ 2,664,917.43  
CCO2 \$ 2,788,468.56

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
Area 7-Madison Commance University Michigan Mackenzie							
1	1001	TRAFFIC CONTROL	LS	1	1	\$19,000.00	\$ 19,000.00
2	2002	SILT FENCE	LF	1300	4011	\$2.00	\$ 8,022.00
3	2005	INLET PROTECTION	EACH	23	20	\$125.00	\$ 2,500.00
4	2010	CONSTRUCTION ENTRANCE	EACH	4	3	\$2,200.00	\$ 6,600.00
5	2015	TURBIDITY BARRIER	LF	120	120	\$25.00	\$ 3,000.00
6	2200	TYPE II DEWATERING	LS	4	4	\$1,000.00	\$ 4,000.00
7	3011	CLEARING	STA	17	17	\$1,500.00	\$ 25,500.00
8	3012	GRUBBING	STA	17	17	\$600.00	\$ 10,200.00
9	3050	DOWNED TREE REMOVAL	EACH	3	3	\$2,000.00	\$ 6,000.00
10	3101	REMOVE INLET	EACH	4	4	\$800.00	\$ 3,200.00
11	3110	REMOVE PIPE	LF	200	200	\$46.00	\$ 9,200.00
12	3250	REMOVE FENCE	LF	221.6	220	\$9.00	\$ 1,980.00
13	3501	SAWCUT FULL DEPTH	LF	470.3	385	\$3.25	\$ 1,251.25
14	3605	REMOVE EXISTING ASPHALT ROADWAY	SY	2334	2,932	\$5.00	\$ 14,660.00
15	4002	EXCAVATION CUT	CY	2300	2,458	\$26.50	\$ 65,137.00
16	4010	SHAPING AND GRADING	LF	1140	1,140	\$32.00	\$ 36,480.00
17	4502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	2087	1,121	\$25.00	\$ 28,025.00
18	4990	DITCH GRADING	LS	1	1	\$16,500.00	\$ 16,500.00
19	5011	PIPE BULKHEAD	EACH	3	3	\$1,000.00	\$ 3,000.00
20	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	2	4	\$1,880.00	\$ 7,520.00
21	5475	48 INCH DIA STORM MANHOLE	EACH	1		\$4,260.00	\$ -
22	5485	2'X3' STORM INLET	EACH	3	3	\$3,700.00	\$ 11,100.00
23	5548	18 INCH RCP STORM SEWER PIPE	LF	12	14	\$178.00	\$ 2,492.00
24	5554	24 INCH RCP STORM SEWER PIPE	LF	57	55	\$192.00	\$ 10,560.00
25	5557	27 INCH RCP STORM SEWER PIPE	LF	33	35	\$211.00	\$ 7,385.00

26	5672	72 INCH X 113 INCH TYPE I HERCP STORM SEWER PIPE	LF	220	228	\$1,825.00	\$ 416,100.00
27	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	1	1	\$1,970.00	\$ 1,970.00
28	5875	BOX CULVERTS 10' X 4'	LF	262	262	\$1,854.00	\$ 485,748.00
29	5876	BOX CULVERTS 10' X 5'	LF	120	120	\$2,100.00	\$ 252,000.00
30	5881	BOX CULVERT END SECTION 10' X 4'	EACH	2	2	\$22,500.00	\$ 45,000.00
31	5903	HEAVY RIPRAP	CY	418.4	505	\$146.00	\$ 73,730.00
32	5905	RIPRAP FILTER FABRIC, TYPE HR	SY	627.6	431	\$5.00	\$ 2,155.00
33	5990	72 INCH X 113 INCH HERCP END SECTION	EACH	4	4	\$38,500.00	\$ 154,000.00
34	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	914.6	1,008	\$36.00	\$ 36,288.00
35	7003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	2264.6	2,641	\$12.00	\$ 31,692.00
36	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	48	35	\$40.00	\$ 1,400.00
37	8203	HMA PAVEMENT TYPE 3LT5828S	TON	563	649	\$116.00	\$ 75,243.27
38	8205	HMA PAVEMENT TYPE 5LT5828S	TON	298	363	\$125.00	\$ 45,397.43
39	8065	HMA PAVEMENT PATCHING	SY	2000		\$67.00	\$ -
40	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	252.6	413	\$4.00	\$ 1,652.00
41	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	455	542	\$8.00	\$ 4,336.00
42	13001	REMOVE SIGNS & POSTS	EACH	3	3	\$200.00	\$ 600.00
43	14001	TOPSOIL	SY	5300	6076	\$5.25	\$ 31,899.00
44	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	1600	2694	\$9.80	\$ 26,401.20
45	14005	TOPSOIL & SOD	SY	500	371	\$19.00	\$ 7,049.00
46	14006	BANK STABILIZATION RESTORATION	SY	200	200	\$45.00	\$ 9,000.00
47	14024	FLOODPLAIN SEED & EROSION MAT	SY	3700	12325.75	\$4.00	\$ 49,303.00
48	14101	SPLIT-RAIL WOOD FENCE	LF	253.4	300	\$29.50	\$ 8,850.00
49	15001	8 INCH WATER MAIN OFFSET	EACH	1	1	\$37,000.00	\$ 37,000.00
50	15002	12 INCH WATER MAIN OFFSET	EACH	2	1.18	\$47,000.00	\$ 55,449.95
51	15003	16 INCH WATER MAIN OFFSET	EACH	1	1	\$61,000.00	\$ 61,000.00
52	15004	WATER SERVICE LATERAL RELOCATION	EACH	1	1	\$10,500.00	\$ 10,500.00
CCO1		60 INCH STORM SEWER MANHOLE	EACH		2	\$4,260.00	\$ 8,520.00
CCO1		27 INCH RCP STORM SEWER FLARED END SECTION	EACH		1	\$3,385.80	\$ 3,385.80
CCO1		MODIFICATION OF PROPOSED STORM SEWER MANHOLE	LS		1	\$2,688.00	\$ 2,688.00
CCO1		ADDITIONAL STORM SEWER WORK FROM N UNIVERSITY DRIVE INLET	LS		1	\$5,115.75	\$ 5,115.75
CCO2		<b>INSTALL &amp; REMOVE TEMPORARY STREAM CROSSING</b>	<b>LS</b>		<b>1</b>	<b>\$6,500.00</b>	<b>\$ 6,500.00</b>
CCO2		<b>DEWATER EXISTING POND</b>	<b>LS</b>		<b>1</b>	<b>\$7,500.00</b>	<b>\$ 7,500.00</b>
CCO2		IMPORT CLAY FILL FOR PIPE REMOVAL AREA	LS			\$4,000.00	\$ -
CCO2		<b>POND EXCAVATION</b>	<b>CY</b>		<b>1000</b>	<b>\$23.00</b>	<b>\$ 23,000.00</b>



CCO2		EXCAVATE INLET CHANNEL	LS			\$2,500.00	\$ -
CCO2		60 INCH OUTLET CONTROL STRUCTURE	LS			\$9,000.00	\$ -
CCO2		24 INCH CHECK VALVE	EACH			\$4,000.00	\$ -
CCO2		ANIT-SEEP COLLAR	LS			\$1,200.00	\$ -
CCO2		HEAVY RIPRAP	CY			\$175.00	\$ -
CCO2		TOPSOIL, FERTALIZER, SEED, & EROSION MAT	SY			\$9.00	\$ -
CCO2		NATIVE EMERGENT LIVE PLANT PLUGS	EACH			\$6.00	\$ -
<b>CCO2</b>		<b>TEMPORARY ACCESS ROAD</b>	<b>TON</b>		<b>130</b>	<b>\$59.80</b>	<b>\$ 7,774.00</b>

Area 5 Woodfield Park							\$	-
53	14249.65385	TRAFFIC CONTROL	LS	1	1	\$2,000.00	\$ 2,000.00	
54	14521.36139	SILT FENCE	LF	750	585	\$2.00	\$ 1,170.00	
55	14793.06894	EROSION BALES	EACH	30		\$13.00	\$ -	
56	15064.77649	INLET PROTECTION	EACH	4		\$125.00	\$ -	
57	15336.48403	CONSTRUCTION ENTRANCE	EACH	1	1	\$2,200.00	\$ 2,200.00	
58	15608.19158	CLEARING	STA	11	11.5	\$1,550.00	\$ 17,825.00	
59	15879.89913	GRUBBING	STA	11	11.5	\$600.00	\$ 6,900.00	
60	16151.60668	REMOVE PIPE	LF	110	75	\$45.00	\$ 3,375.00	
61	16423.31422	REMOVE EXISTING CURB AND GUTTER	LF	1100	1,100	\$4.00	\$ 4,400.00	
62	16695.02177	REMOVE EXISTING SIDEWALK	SF	350	275	\$3.50	\$ 962.50	
63	16966.72932	SAWCUTTING AT PAVEMENT LIMITS	LF	220		\$3.25	\$ -	
64	17238.43687	REMOVE EXISTING ROADWAY	SY	1750	1,750	\$4.00	\$ 7,000.00	
65	17510.14441	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	150		\$5.00	\$ -	
66	17781.85196	GEOTEXTILE GRID TYPE BX1100	SY	150		\$4.00	\$ -	
67	18053.55951	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1500	1,015	\$22.50	\$ 22,837.50	
68	18325.26705	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	400		\$48.00	\$ -	
69	18596.9746	WOODFIELD PARK EARTHWORK AND GRADING	LS	1	1	\$30,000.00	\$ 30,000.00	
70	18868.68215	EXTRA BAGS OF CEMENT	EA	20		\$25.00	\$ -	
71	19140.3897	30" TYPE A CONCRETE CURB & GUTTER	LF	700	650	\$31.00	\$ 20,150.00	
72	19412.09724	CURB RAMP DETECTABLE WARNING FIELDS	SF	20	20	\$40.00	\$ 800.00	
73	19683.80479	PEDESTRIAN CURB	LF	50		\$31.00	\$ -	
74	19955.51234	4-INCH CONCRETE SIDEWALK	SF	250	145	\$8.50	\$ 1,232.50	
75	20227.21988	CONCRETE SURFACE DRAIN	EACH	1	1	\$1,700.00	\$ 1,700.00	
76	20498.92743	HMA PAVEMENT TYPE 3LT5828S	TON	275	220	\$108.00	\$ 23,777.28	
77	20770.63498	HMA PAVEMENT TYPE 5LT5828S	TON	190	187	\$134.00	\$ 25,095.52	
78	21042.34253	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	2400	2,995	\$9.75	\$ 29,201.25	
79	21314.05007	TOPSOIL & SOD	SY	125		\$19.00	\$ -	
80	21585.75762	8 INCH PVC SANITARY SEWER PIPE WITH ADDITIONAL EXCAVATION	LF	45	43	\$400.00	\$ 17,200.00	
81	21857.46517	36 INCH RCP STORM SEWER PIPE	LF	45	42	\$257.00	\$ 10,794.00	
82	22129.17271	36 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1	\$3,675.00	\$ 3,675.00	
83	22400.88026	HEAVY RIPRAP	CY	10	23	\$175.00	\$ 4,025.00	
84	22672.58781	RIPRAP FILTER FABRIC, TYPE HR	SY	20	18	\$8.00	\$ 144.00	
85	22944.29536	SANITARY SEWER CLEANING AND TELEVISION	LF	45	43	\$29.00	\$ 1,247.00	
86	23216.0029	STORM SEWER CLEANING AND TELEVISION	LF	45	42	\$29.00	\$ 1,218.00	

87	23487.71045	TOPSOIL, FERTILIZER, SEED & MULCH	SY	180	120	\$10.00	\$ 1,200.00
88	23759.418	REMOVE & REINSTALL EXISTING CHAIN-LINK FENCE	LS	1	1	\$5,000.00	\$ 5,000.00

Total \$2,536,689.20  
 Less Retainage \$ 25,000.00  


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 Total \$2,511,689.20  
 Less Previously Paid \$2,465,315.20  


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 Total Amount Due \$ 46,374.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$46,374.00 be allowed.

Respectfully Submitted,



Alex Damien, P.E.  
 Director of Public Works

May 4, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to *State Contractors, Inc., 16575 W. Dakota St., New Berlin, WI 53151 for West Broadway and East Avenue Street Utility and Traffic Improvements.*

Contract No. #4277

CONTRACT DATE: January 13, 2023

Original \$ 3,750,000.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>1</b>	<b>01001</b>	<b>TRAFFIC CONTROL</b>	<b>LS</b>	<b>1</b>	<b>0.32</b>	<b>\$ 171,530.52</b>	<b>\$ 54,889.77</b>
2	01005	DETOUR ROUTE	LS	1		\$ 7,326.00	\$ -
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	0.50	\$ 1,000.00	\$ 500.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$ 2,500.00	\$ -
5	01017	TEMPORARY SAFETY FENCE	LF	2200	1,123.00	\$ 10.00	\$ 11,230.00
6	01995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200		\$ 20.00	\$ -
7	01996	RAILROAD FLAGGING	LS	1		\$ 5,000.00	\$ -
8	02002	SILT FENCE	LF	100		\$ 4.00	\$ -
9	02003	EROSION BALES	EACH	20		\$ 15.00	\$ -
10	02005	INLET PROTECTION	EACH	60	17.00	\$ 135.00	\$ 2,295.00
11	03041	CLEARING	INCH DIA	300	221.00	\$ 42.00	\$ 9,282.00
12	03042	GRUBBING	INCH DIA	350		\$ 26.25	\$ -
<b>13</b>	<b>03100</b>	<b>REMOVE SEWER MANHOLE</b>	<b>EACH</b>	<b>5</b>	<b>5.00</b>	<b>\$ 415.00</b>	<b>\$ 2,075.00</b>
<b>14</b>	<b>03101</b>	<b>REMOVE INLET</b>	<b>EACH</b>	<b>21</b>	<b>9.00</b>	<b>\$ 415.00</b>	<b>\$ 3,735.00</b>
<b>15</b>	<b>03110</b>	<b>REMOVE PIPE</b>	<b>LF</b>	<b>250</b>	<b>133.50</b>	<b>\$ 43.00</b>	<b>\$ 5,740.50</b>
16	03111	REMOVE STORM STRUCTURE AND BULKHEAD TOP OF EXISTING BOX SEWER	EACH	2		\$ 2,400.00	\$ -
17	03205	ABANDON PIPE	LF	100		\$ 19.00	\$ -
<b>18</b>	<b>03300</b>	<b>REMOVE EXISTING CURB AND GUTTER</b>	<b>LF</b>	<b>3000</b>	<b>540.60</b>	<b>\$ 3.00</b>	<b>\$ 1,621.80</b>
19	03331	REMOVE EXISTING SIDEWALK	SF	34250		\$ 1.50	\$ -
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	600		\$ 2.00	\$ -
<b>21</b>	<b>03650</b>	<b>REMOVE EXISTING ROADWAY</b>	<b>SY</b>	<b>4250</b>	<b>860.12</b>	<b>\$ 10.00</b>	<b>\$ 8,601.20</b>
22	03990	REMOVE AND SALVAGE BITUMINOUS SET CONCRETE PAVERS	SF	1000		\$ 5.00	\$ -
23	03991	REMOVE EXISTING TURF	SF	2000		\$ 10.00	\$ -

24	03992	REMOVE AND DISPOSE OF EXISTING BUS SHELTER	EACH	1		\$ 1,500.00	\$ -
25	04010	SHAPING AND GRADING TO SUBGRADE	LF	1100		\$ 40.00	\$ -
26	04013	FROST BREAKING AND REMOVAL	LF	1500		\$ 4.00	\$ -
27	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	625		\$ 3.00	\$ -
28	04016	GEOTEXTILE GRID TYPE BX1100	SY	625		\$ 3.00	\$ -
29	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3500		\$ 25.00	\$ -
30	04120	SLURRY BACKFILL	CY	250		\$ 85.00	\$ -
31	04503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1850		\$ 20.00	\$ -
32	05011	PIPE BULKHEAD	EACH	11	2.00	\$ 1,495.00	\$ 2,990.00
33	05042	SANITARY SEWER INSIDE DROP	EACH	1		\$ 1,200.00	\$ -
34	05050	INTERNAL CHIMNEY SEAL	EACH	5		\$ 765.00	\$ -
35	05056	SANITARY LATERAL CLEANOUT	EACH	11		\$ 2,700.00	\$ -
36	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	11		\$ 495.00	\$ -
37	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 4,600.00	\$ -
38	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$ 4,500.00	\$ -
39	05077	STORM SEWER SPOT REPAIR	EACH	2	1.00	\$ 3,400.00	\$ 3,400.00
40	05080	SANITARY LATERAL REINSTATEMENT	EACH	11		\$ 125.00	\$ -
41	05081	STORM LATERAL REINSTATEMENT	EACH	29		\$ 125.00	\$ -
42	<b>05108</b>	<b>8 INCH PVC SANITARY SEWER PIPE</b>	<b>LF</b>	<b>529</b>	<b>529.30</b>	<b>\$ 176.00</b>	<b>\$ 93,156.80</b>
43	<b>05157</b>	<b>6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)</b>	<b>LF</b>	<b>645</b>	<b>581.10</b>	<b>\$ 178.00</b>	<b>\$ 103,435.80</b>
44	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	605	600.00	\$ 32.00	\$ 19,200.00
45	05330	12 INCH CIPP STORM SEWER PIPE	LF	875		\$ 44.00	\$ -
45A	05330	21 INCH CIPP STORM SEWER PIPE	LF	1300	1,280.00	\$ 91.00	\$ 116,480.00
46	05334	24 INCH CIPP STORM SEWER PIPE	LF	1075	1,050.00	\$ 112.00	\$ 117,600.00
47	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	10		\$ 5,400.00	\$ -
48	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	110		\$ 29.50	\$ -
49	<b>05400</b>	<b>48 INCH DIA SANITARY MANHOLE</b>	<b>VF</b>	<b>22</b>	<b>22.00</b>	<b>\$ 447.00</b>	<b>\$ 9,834.00</b>
50	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	1		\$ 1,400.00	\$ -
51	05415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	10		\$ 1,400.00	\$ -
52	05423	STORM MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1		\$ 704.00	\$ -

53	05432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	1		\$ 1,055.00	\$ -
54	05475	48 INCH DIA STORM MANHOLE	EACH	1	1.00	\$ 2,445.00	\$ 2,445.00
55	05485	2'X3' STORM INLET	EACH	22	9.00	\$ 3,100.00	\$ 27,900.00
56	05500	INSERT 12"X12"X12" PVC TEE	EACH	1	1.00	\$ 2,400.00	\$ 2,400.00
57	05512	12 INCH PVC STORM SEWER PIPE	LF	5	5.00	\$ 504.00	\$ 2,520.00
58	05542	12 INCH RCP STORM SEWER PIPE	LF	225	168.20	\$ 239.00	\$ 40,199.80
59	05554	24 INCH RCP STORM SEWER PIPE	LF	40	31.00	\$ 155.00	\$ 4,805.00
60	05692	STORM MANHOLE REPAIR	VF	25		\$ 795.00	\$ -
61	05695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	12		\$ 950.00	\$ -
62	05850	CONCRETE COLLAR	EACH	10	2.00	\$ 865.00	\$ 1,730.00
63	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1600	857.00	\$ 2.75	\$ 2,356.75
64	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	50	29.00	\$ 495.00	\$ 14,355.00
65	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	4500	1,759.00	\$ 4.50	\$ 7,915.50
66	05956	STORM SEWER LATERAL TELEVISIONING	EACH	38		\$ 495.00	\$ -
67	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE	EACH	1		\$ 4,950.00	\$ -
68	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 20.00	\$ -
69	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	150		\$ 80.00	\$ -
70	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	250		\$ 40.00	\$ -
71	07008	8-INCH CONCRETE PAVEMENT	SY	4500		\$ 50.00	\$ -
72	07130	30" CONCRETE CURB & GUTTER	LF	3000	400.00	\$ 25.00	\$ 10,000.00
73	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	250		\$ 45.00	\$ -
74	07302	PEDESTRIAN CURB	LF	150		\$ 100.00	\$ -
75	07303	3-INCH CONCRETE SIDEWALK	SF	300		\$ 7.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	15500		\$ 7.50	\$ -
77	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	4250		\$ 7.50	\$ -
78	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	7000		\$ 3.85	\$ -
79	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	7000		\$ 1.00	\$ -
80	08052	HMA PAVEMENT TEMPORARY PATCHING	SY	1000		\$ 12.00	\$ -
81	08065	HMA PAVEMENT PATCHING	SY	1400		\$ 32.10	\$ -
82	INTENTIONALLY LEFT BLANK						
83	08105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	25		\$ 186.00	\$ -

84	08205	HMA PAVEMENT TYPE 5 LT 58-28 H	TON	900		\$ 95.20	\$ -
85	08310	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	15		\$ 219.00	\$ -
86	10002 A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EAST & BROADWAY	LS	1		\$ 5,304.53	\$ -
87	10002 B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EAST & ARCADIAN	LS	1		\$ 2,652.26	\$ -
88	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	137		\$ 8.22	\$ -
89	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	747		\$ 11.50	\$ -
90	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	9		\$ 1,311.60	\$ -
91	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	10		\$ 904.98	\$ -
92	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	2		\$ 1,354.86	\$ -
93	10035	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	1		\$ 1,065.94	\$ -
94	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	6		\$ 11,585.54	\$ -
95	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	1		\$ 2,170.66	\$ -
96	10065	CABLE TRAFFIC SIGNAL 5-14 AWG, WDOT 655.0230	LF	867		\$ 1.49	\$ -
97	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	979		\$ 1.96	\$ -
98	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	2753		\$ 3.05	\$ -
99	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1633		\$ 2.31	\$ -
100	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	3956		\$ 1.10	\$ -
101	10115	ELECTRICAL WIRE LIGHTING AWG 10, WDOT 655.0615	LF	0.00E+00		\$ -	\$ -
102	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	1286		\$ 2.05	\$ -
103	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, EAST & ARCADIAN, WDOT 656.0200.02	LS	1		\$ 1,310.60	\$ -
104	10150 A	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET, EAST & BROADWAY (CITY FURNISHED)	EACH	1		\$ 2,659.15	\$ -
105	10150 B	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET, EAST & ARCADIAN (CITY FURNISHED)	EACH	1		\$ 2,659.15	\$ -
106	10735 A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & BROADWAY	LS	1		\$ 11,183.80	\$ -
107	10735 B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & ARCADIAN	LS	1		\$ 10,833.21	\$ -
108	10800 A	SIGNAL MOUNTING HARDWARE (CITY FURNISHED), EAST & BROADWAY, WDOT 658.5069.01	LS	1		\$ 4,672.43	\$ -
109	10800 B	SIGNAL MOUNTING HARDWARE (CITY FURNISHED), EAST & ARCADIAN, WDOT 658.5069.02	LS	1		\$ 4,672.43	\$ -
110	10900 A	EMERGENCY VEHICLE PREEMPTION SYSTEM, EAST & BROADWAY	LS	1		\$ 9,089.63	\$ -
111	10900 B	EMERGENCY VEHICLE PREEMPTION SYSTEM, EAST & ARCADIAN	LS	1		\$ 9,089.63	\$ -

112	10950 A	INSTALL VIDEO VEHICLE DETECTION SYSTEM, EAST & BROADWAY (CITY FURNISHED)	LS	1		\$ 1,326.13	\$ -
113	10950 B	INSTALL VIDEO VEHICLE DETECTION SYSTEM, EAST & ARCADIAN (CITY FURNISHED)	LS	1		\$ 1,326.13	\$ -
114	10980	CABLE TRAFFIC SIGNAL 15-14 AWG, WDOT 655.0270	LF	240		\$ 4.05	\$ -
115	10982 A	TRANSPORT AND INSTALL PEDESTAL BASE (CITY FURNISHED)	EACH	11		\$ 103.55	\$ -
116	10982 B	TRANSPORT AND INSTALL TRANS. BASE (CITY FURNISHED)	EACH	2		\$ 121.28	\$ -
117	10982 C	TRANSPORT AND INSTALL POLE TYPE 2 (CITY FURNISHED)	EACH	1		\$ 424.49	\$ -
118	10982 D	TRANSPORT AND INSTALL POLE TYPE 3 (CITY FURNISHED)	EACH	1		\$ 485.14	\$ -
119	10982 E	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 15-FT (CITY FURNISHED)	EACH	9		\$ 381.18	\$ -
120	10982 F	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 10-FT (CITY FURNISHED)	EACH	2		\$ 173.26	\$ -
121	10982 G	TRANSPORT AND INSTALL LUMINAIRE ARM 4" CLAMP, 8-FT (CITY FURNISHED)	EACH	1		\$ 181.92	\$ -
122	10982 H	TRANSPORT AND INSTALL SIGNAL FACE 3S 12-INCH (CITY FURNISHED)	EACH	22		\$ 258.88	\$ -
123	10982 I	TRANSPORT AND INSTALL SIGNAL FACE 4S 12-INCH (CITY FURNISHED)	EACH	10		\$ 276.49	\$ -
124	10982 J	TRANSPORT AND INSTALL PEDESTRIAN FACE 16-INCH (CITY FURNISHED)	EACH	14		\$ 129.44	\$ -
125	10983 A	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	3		\$ 1,386.12	\$ -
126	10983 B	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	3		\$ 1,386.12	\$ -
127	10984 A	INSTALL MONOTUBE ARM, 20-FT (CITY FURNISHED)	EACH	1		\$ 1,108.89	\$ -
128	10984 B	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	2		\$ 1,108.89	\$ -
129	10984 C	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	3		\$ 1,386.12	\$ -
130	10985 A	INSTALL LUMINAIRE ARM STEEL 8-FT (CITY FURNISHED)	EACH	2		\$ 138.61	\$ -
131	10985 B	INSTALL LUMINAIRE ARM STEEL 15-FT CLAMP-ON (CITY FURNISHED)	EACH	1		\$ 138.61	\$ -
132	10986	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	4		\$ 398.53	\$ -
133	10987 A	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, EAST & BROADWAY	LS	1		\$ 795.68	\$ -
134	10987 B	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, EAST & ARCADIAN	LS	1		\$ 795.68	\$ -
135	10988 A	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & BROADWAY	LS	1		\$ 795.68	\$ -
136	10988 B	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, EAST & ARCADIAN	LS	1		\$ 795.68	\$ -
137	10989	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, EAST & ARCADIAN	LS	1		\$ 795.68	\$ -
138	10990	TEMPORARY TRAFFIC SIGNAL, EAST & BROADWAY	LS	1		\$ 48,214.37	\$ -
139	10991	CONCRETE BASE - TYPE 1, TYPE 2, TYPE 5, TYPE 10, TYPE-10 SPECIAL (SPECIAL EXCAVATION)	EACH	10		\$ 1,333.02	\$ -



140	10992	SIGNAL BASE UTILITY LOCATE W/HYDRO EXCAVATION	HR	24		\$ 799.12	\$ -
141	10993	REMOVE, SALVAGE, AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER	LS	1		\$ 5,325.18	\$ -
142	10994	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINETS	LS	1		\$ 12,992.79	\$ -
143	10995	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL MODIFICATION	EACH	1		\$ 1,910.76	\$ -
144	10996	6-CT FIBER OPTIC CABLE	LF	1800		\$ 1.98	\$ -
145	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	58		\$ 1,065.94	\$ -
146	11025	PULL BOX - 15-INCH PVC	EACH	14		\$ 1,393.05	\$ -
147	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	2400		\$ 13.28	\$ -
148	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	2450		\$ 15.70	\$ -
149	11112	CONDUIT 3-INCH HDPE	LF	1500		\$ 16.60	\$ -
150	11113	CONDUIT 3-INCH HDPE SPECIAL	LF	1300		\$ 19.51	\$ -
151	11120	12/2 UF W/GROUND WIRE	LF	1200		\$ 1.60	\$ -
152	11123	#10 XLP USE WIRE	LF	500		\$ 1.16	\$ -
153	11124	#8 XLP USE WIRE	LF	1100		\$ 1.60	\$ -
154	11125	#6 XLP USE WIRE	LF	6555		\$ 2.17	\$ -
155	11126	#4 XLP USE WIRE	LF	19665		\$ 2.93	\$ -
156	11127	#2 XLP USE WIRE	LF	11000		\$ 3.62	\$ -
157	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1		\$ 7,956.79	\$ -
158	11201 A	REMOVE AND DISPOSE OF EXISTING SIGNAL SYSTEM WIRING, EAST & BROADWAY	LS	1		\$ 1,591.36	\$ -
159	11201 B	REMOVE AND DISPOSE OF EXISTING SIGNAL SYSTEM WIRING, EAST & ARCADIAN	LS	1		\$ 1,591.36	\$ -
<b>160</b>	<b>11202</b>	<b>REMOVE AND DISPOSE OF EXISTING CONCRETE BASE</b>	<b>EACH</b>	<b>49</b>	<b>7.00</b>	<b>\$ 278.56</b>	<b>\$ 1,949.92</b>
161	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	22		\$ 152.61	\$ -
162	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	27		\$ 928.98	\$ -
163	11401	REMOVE AND SALVAGE EXISTING STREET LIGHT UNIT	EACH	31	18.00	\$ 663.07	\$ 11,935.26
164	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	29		\$ 676.40	\$ -
165	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	31		\$ 928.29	\$ -
<b>166</b>	<b>11500</b>	<b>TEMPORARY STREET LIGHTING</b>	<b>LS</b>	<b>1</b>	<b>0.32</b>	<b>\$ 14,261.09</b>	<b>\$ 4,563.55</b>
<b>167</b>	<b>11505</b>	<b>TEMPORARY STREET LIGHTING OVERHEAD WIRING</b>	<b>LS</b>	<b>1</b>	<b>0.32</b>	<b>\$ 14,261.09</b>	<b>\$ 4,563.55</b>
168	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	3		\$ 2,694.87	\$ -
169	11655	COMMUNICATION PULL BOX (24X36)	EACH	12		\$ 1,311.60	\$ -

170	11990	KIOSK BASE - CLOCK TOWER	LS	1		\$ 4,848.30	\$ -
171	11991	KIOSK BASE - BARSTOW/RIVERFRONT	LS	1		\$ 4,848.30	\$ -
172	11992	KIOSK BASE - YOUMANS PARK	LS	1		\$ 4,848.30	\$ -
173	11993	KIOSK BASE - 5 POINTS	LS	1		\$ 4,848.30	\$ -
174	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1900		\$ 6.55	\$ -
175	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	3600		\$ 1.30	\$ -
176	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	925		\$ 8.75	\$ -
177	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	750		\$ 1.95	\$ -
178	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	100		\$ 11.75	\$ -
179	12206	PAVEMENT MARKING EPOXY, LINE, 18-INCH	LF	275		\$ 17.36	\$ -
180	12212	PAVEMENT MARKING EPOXY, ARROW	EACH	20		\$ 340.00	\$ -
181	12216	PAVEMENT MARKING EPOXY, SYMBOL	EACH	4		\$ 195.00	\$ -
182	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 5,000.00	\$ -
183	13002	REMOVE SIGN	EACH	100		\$ 23.00	\$ -
184	13003	REMOVE POSTS	EACH	10		\$ 23.00	\$ -
185	13030	SIGN, REFLECTIVE TYPE II	EACH	14		\$ 595.00	\$ -
186	13990	2-FOOT, 6-INCH PVC SLEEVE FOR SIGN POSTS	EACH	20		\$ 125.00	\$ -
187	14001	TOPSOIL	SY	50		\$ 8.00	\$ -
188	14005	TOPSOIL & SOD	SY	250		\$ 24.80	\$ -
189	14052	STRUCTURAL SOIL	CY	250		\$ 30.00	\$ -
190	14054	PLANTING MULCH	SY	50		\$ 35.00	\$ -
191	14075	BITUMINOUS SET CONCRETE PAVERS	SF	13500		\$ 22.00	\$ -
192	14990	BITUMINOUS SET CONCRETE PAVERS W/SALVAGED PAVERS	SF	500		\$ 17.00	\$ -
193	14991	SALVAGE AND REUSE SAND SET BRICK PAVERS	SF	250		\$ 20.00	\$ -
194	14991	SALVAGE AND REUSE BITUMINOUS SET CONCRETE PAVERS	SF	1000		\$ 22.00	\$ -
195	14993	INSTALL CITY FURNISHED TREE GRATE	EACH	25		\$ 350.00	\$ -
196	INTENTIONALLY LEFT BLANK						
197	14995	PARADE MEMORIAL FOUNDATION	LS	1		\$ 7,500.00	\$ -
198	15001	16-INCH DUCTILE IRON WATER MAIN AND FITTINGS	LF	180	172.00	\$ 189.00	\$ 32,508.00
199	15002	12-INCH DUCTILE IRON WATER MAIN AND FITTINGS	LF	720	275.50	\$ 154.00	\$ 42,427.00
200	15002	INSTALL HYDRANT ASSEMBLY	EACH	1		\$ 5,850.00	\$ -

201	15003	NEW 6" WATER SERVICE LATERAL (SL1)	EACH	1	1.00	\$ 8,300.00	\$ 8,300.00
202	ALL WATER SERVICE ITEMS TO BE PROVIDED BY THE WWU. SEE SPECIAL PROVISIONS.						
203	15003	CONNECT 1-1/2" SERVICE LATERAL (SL2)	EACH	1	1.00	\$ 3,630.00	\$ 3,630.00
204	15004	CONNECT 1" SERVICE LATERAL (SL3)	EACH	4	1.00	\$ 3,665.00	\$ 3,665.00
205	15004	CONNECT 1-1/2" SERVICE LATERAL (SL4)	EACH	2		\$ 4,625.00	\$ -
206	15005	CONNECT 1" SERVICE LATERAL (SL5)	EACH	5		\$ 4,625.00	\$ -
207	15005	CONNECT 1" SERVICE LATERAL (SL6)	EACH	2		\$ 4,500.00	\$ -
208	15006	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	1		\$ 4,600.00	\$ -
209	15007	ADJUST EXISTING WATER VALVE - NO REPLACEMENT	EACH	7		\$ 470.00	\$ -
210	15008	ADJUST EXISTING WATER VALVE - REPLACEMENT	EACH	7		\$ 570.00	\$ -
211	16001	INCENTIVE PAYMENT	DAY	30		\$ 1,500.00	\$ -
212	16002	LIQUIDATED DAMAGES	DAY	0		\$ (1,500.00)	\$ -
213	16003	PEDESTRIAN PENALTIES	DAY	0		\$ (1,000.00)	\$ -

Total	\$	796,236.20
Less Retainage	\$	39,811.81
Total	\$	756,424.39
Less Previously Paid	\$	679,570.48
Total Amount Due	\$	76,853.91

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$76,853.91 be allowed.

Respectfully Submitted,

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

May 4, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to State Contractors, Inc., 16575 W. Dakota St., New Berlin, WI 53151 for Buchner Park Step Replacement.

Contract No. #4262

CONTRACT DATE: September 2, 2022  
Original \$ 133,333.33

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1001	TRAFFIC CONTROL	LS	1	0.5	\$4,458.33	\$ 2,229.17
2	1017	TEMPORARY SAFETY FENCE	LF	75		\$10.00	\$ -
3	2002	SILT FENCE	LF	750	<b>400</b>	\$5.00	\$ 2,000.00
4	2005	INLET PROTECTION	EACH	4	2	\$100.00	\$ 200.00
5	2010	CONSTRUCTION ENTRANCE	EACH	1		\$1,000.00	\$ -
6	3041	CLEARING	INCH DIA	175	175	\$50.00	\$ 8,750.00
7	3042	GRUBBING	INCH DIA	175	175	\$50.00	\$ 8,750.00
8	3331	REMOVE EXISTING SIDEWALK	SF	2600		\$5.00	\$ -
9	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	75	<b>75</b>	\$3.00	\$ 225.00
10	3990	EXISTING STAIRCASE REMOVAL AND SALVAGE STONE	EACH	2	<b>2</b>	\$3,500.00	\$ 7,000.00
11	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	150	<b>50</b>	\$35.00	\$ 1,750.00
12	5508	8 INCH PVC STORM SEWER PIPE	LF	50	<b>45</b>	\$20.00	\$ 900.00
13	5990	YARD INLET	EACH	1	<b>1</b>	\$10,000.00	\$ 10,000.00
14	6100	EXTRA BAGS OF CEMENT	EA	20		\$10.00	\$ -
15	7304	4-INCH CONCRETE SIDEWALK	SF	2,800		\$8.50	\$ -
16	7990	CONCRETE STAIRCASE AND RAILING	LS	1		\$20,000.00	\$ -
17	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	50		\$20.00	\$ -
18	14005	TOPSOIL & SOD	SY	700		\$20.00	\$ -
19	14990	SALVAGED STONE RETAINING WALL	LF	50		\$200.00	\$ -

Total \$ 41,804.17  
Less Retainage \$ 2,090.21  

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Total \$ 39,713.96  
Less Previously Paid \$ 20,595.21  

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Total Amount Due \$ 19,118.75

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$19,118.75 be allowed.

Respectfully Submitted,

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

May 4, 2023

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Super Western, Inc., N59 W14061 Bobolink Avenue, Menomonee Falls, WI 53051 for Delafield Street And Lemira Avenue Utility And Street Improvements - (BASE BID) - **CONCRETE**.

Contract No. #4283

CONTRACT DATE: February 3, 2023

Original

\$ 7,570,829.07

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
<b>Concrete Pavement</b>							
1	1001	<b>TRAFFIC CONTROL</b>	<b>LS</b>	<b>1</b>	<b>0.2</b>	<b>\$142,796.13</b>	<b>\$ 28,559.23</b>
2	1005	<b>DETOUR ROUTE</b>	<b>LS</b>	<b>1</b>	<b>0.2</b>	<b>\$12,551.30</b>	<b>\$ 2,510.26</b>
3	1995	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	EACH	4	2	\$1,002.50	\$ 2,005.00
4	2003	EROSION BALES	EACH	30		\$0.01	\$ -
5	2005	INLET PROTECTION	EACH	30		\$70.18	\$ -
6	3041	<b>CLEARING</b>	<b>INCH DIA</b>	<b>274</b>	<b>306</b>	<b>\$43.15</b>	<b>\$ 13,203.90</b>
7	3042	GRUBBING	INCH DIA	274	268	\$16.08	\$ 4,309.44
8	3060	REMOVE AND REPLACE MAILBOX	EACH	14		\$90.23	\$ -
9	3061	INSTALL TEMPORARY MAILBOX(ES)	LS	1		\$200.50	\$ -
10	3100	REMOVE SEWER MANHOLE	EACH	14	5	\$441.10	\$ 2,205.50
11	3101	<b>REMOVE INLET</b>	<b>EACH</b>	<b>37</b>	<b>3</b>	<b>\$401.00</b>	<b>\$ 1,203.00</b>
12	3110	<b>REMOVE PIPE</b>	<b>LF</b>	<b>850</b>	<b>95.2</b>	<b>\$30.08</b>	<b>\$ 2,863.62</b>
13	3200	ABANDON SEWER MANHOLE	EACH	8		\$401.00	\$ -
14	3205	<b>ABANDON PIPE</b>	<b>LF</b>	<b>100</b>	<b>30</b>	<b>\$17.04</b>	<b>\$ 511.20</b>
15	3300	REMOVE EXISTING CURB AND GUTTER	LF	8500		\$4.26	\$ -
16	3331	REMOVE EXISTING SIDEWALK	SF	57900		\$0.56	\$ -
17	3500	<b>SAWCUTTING AT PAVEMENT LIMITS</b>	<b>LF</b>	<b>1800</b>	<b>183</b>	<b>\$2.51</b>	<b>\$ 459.33</b>
18	3650	REMOVE EXISTING ROADWAY	SY	24000		\$3.06	\$ -
19	3990	REMOVE AND DISPOSE OF EXISTING BUS SHELTER	LS	1		\$200.50	\$ -
20	3991	REMOVE AND DELIVER EXISTING BUS SHELTER	LS	1		\$300.75	\$ -
21	3992	REMOVE, STORE, AND REINSTALL EXISTING BUS SHELTER	LS	2		\$401.00	\$ -
22	4010	SHAPING AND GRADING TO SUBGRADE	LF	4000		\$49.89	\$ -
23	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2000		\$2.13	\$ -
24	4016	GEOTEXTILE GRID TYPE BX1100	SY	2000		\$2.14	\$ -
25	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	11000		\$14.35	\$ -

26	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	2000		\$25.20	\$ -
27	5011	PIPE BULKHEAD	EACH	3		\$255.64	\$ -
28	5050	INTERNAL CHIMNEY SEAL	EACH	36		\$733.83	\$ -
<b>29</b>	<b>5056</b>	<b>SANITARY LATERAL CLEANOUT</b>	<b>EACH</b>	<b>61</b>	<b>61</b>	<b>\$2,155.38</b>	<b>\$ 131,478.18</b>
30	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	61		\$390.98	\$ -
31	5075	SANITARY SEWER SPOT REPAIR	EACH	2		\$4,511.25	\$ -
32	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$4,411.00	\$ -
33	5080	SANITARY LATERAL REINSTATEMENT	EACH	63		\$25.06	\$ -
34	5108	8 INCH PVC SANITARY SEWER PIPE	LF	130	47.1	\$235.59	\$ 11,096.29
35	5110	10 INCH PVC SANITARY SEWER PIPE	LF	35	20.9	\$253.63	\$ 5,300.87
36	5112	12 INCH PVC SANITARY SEWER PIPE	LF	50		\$258.65	\$ -
37	5115	15 INCH PVC SANITARY SEWER PIPE	LF	20	19.3	\$443.11	\$ 8,552.02
<b>38</b>	<b>5157</b>	<b>6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)</b>	<b>LF</b>	<b>320</b>	<b>228.1</b>	<b>\$165.41</b>	<b>\$ 37,730.02</b>
39	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	2310	1891	\$33.08	\$ 62,554.28
<b>40</b>	<b>5309</b>	<b>10 INCH CIPP SANITARY SEWER PIPE</b>	<b>LF</b>	<b>2210</b>	<b>1864</b>	<b>\$35.09</b>	<b>\$ 65,407.76</b>
41	5310	12 INCH CIPP SANITARY SEWER PIPE	LF	920		\$46.12	\$ -
42	05310A	14 INCH CIPP SANITARY SEWER PIPE	LF	295		\$80.20	\$ -
43	5311	15 INCH CIPP SANITARY SEWER PIPE	LF	365		\$80.20	\$ -
44	05311A	16 INCH CIPP SANITARY SEWER PIPE	LF	570		\$80.20	\$ -
<b>45</b>	<b>5350</b>	<b>SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN</b>	<b>EACH</b>	<b>61</b>	<b>9</b>	<b>\$4,912.25</b>	<b>\$ 44,210.25</b>
<b>46</b>	<b>5351</b>	<b>ADDITIONAL LENGTH OVER 25 FT. FROM SEWER</b>	<b>LF</b>	<b>590</b>	<b>47.8</b>	<b>\$29.57</b>	<b>\$ 1,413.45</b>
47	5400	48 INCH DIA SANITARY MANHOLE	VF	28		\$701.75	\$ -
48	5405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	13	12.8	\$1,022.55	\$ 13,088.64
49	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	32		\$1,328.31	\$ -
50	5415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	13		\$1,127.81	\$ -
51	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	14		\$591.48	\$ -
<b>52</b>	<b>5432</b>	<b>SANITARY MANHOLE CHIMNEY, FRAME &amp; COVER REPLACEMENT</b>	<b>EACH</b>	<b>32</b>	<b>8</b>	<b>\$1,002.50</b>	<b>\$ 8,020.00</b>
<b>53</b>	<b>5475</b>	<b>48 INCH DIA STORM MANHOLE</b>	<b>EACH</b>	<b>4</b>	<b>1</b>	<b>\$2,711.76</b>	<b>\$ 2,711.76</b>
54	5481	72 INCH DIA DOGHOUSE STORM MANHOLE	EACH	3		\$8,055.09	\$ -
<b>55</b>	<b>5484</b>	<b>48 INCH DIA STORM INLET</b>	<b>EACH</b>	<b>6</b>	<b>2</b>	<b>\$3,102.74</b>	<b>\$ 6,205.48</b>
<b>56</b>	<b>5485</b>	<b>2'X3' STORM INLET</b>	<b>EACH</b>	<b>40</b>	<b>4</b>	<b>\$3,132.81</b>	<b>\$ 12,531.24</b>
57	5487	4'X4' STORM INLET	EACH	2		\$7,202.97	\$ -
58	5508	8 INCH PVC STORM SEWER PIPE	LF	40		\$88.22	\$ -
59	5512	12 INCH PVC STORM SEWER PIPE	LF	20		\$139.35	\$ -

60	5542	12 INCH RCP STORM SEWER PIPE	LF	660	173.1	\$174.44	\$ 30,195.56
61	5545	15 INCH RCP STORM SEWER PIPE	LF	300	32.9	\$182.46	\$ 6,002.93
62	5548	18 INCH RCP STORM SEWER PIPE	LF	60	26	\$185.46	\$ 4,821.96
63	5557	27 INCH RCP STORM SEWER PIPE	LF	10		\$287.72	\$ -
64	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	17	2	\$1,002.50	\$ 2,005.00
65	5850	CONCRETE COLLAR	EACH	3		\$466.16	\$ -
66	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	6850		\$2.86	\$ -
67	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	150		\$491.23	\$ -
68	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	5100		\$4.51	\$ -
69	6100	EXTRA BAGS OF CEMENT	EA	50		\$30.08	\$ -
70	6500	TYPE A SLURRY	CY	100		\$85.21	\$ -
71	7001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	3100	2592	\$103.26	\$ 267,649.92
72	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	400		\$60.15	\$ -
73	7008	8-INCH CONCRETE PAVEMENT	SY	600		\$50.13	\$ -
74	7050	CONCRETE PAVEMENT DIAMOND GRINDING	SY	20800		\$6.62	\$ -
75	7051	CONCRETE CURB AND GUTTER DIAMOND GRINDING	LF	500		\$32.37	\$ -
76	7109	9-INCH DOWELED CONCRETE PAVEMENT	SY	17600		\$61.15	\$ -
77	7130	30" CONCRETE CURB & GUTTER	LF	8900		\$19.05	\$ -
78	7151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	200		\$20.05	\$ -
79	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	280		\$70.18	\$ -
80	7302	PEDESTRIAN CURB	LF	100		\$70.18	\$ -
81	7304	4-INCH CONCRETE SIDEWALK	SF	36400		\$7.02	\$ -
82	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	10200		\$8.02	\$ -
83	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	11200		\$8.02	\$ -
84	7700	CONCRETE ROADWAY SMOOTHNESS PROFILING	EA	2		\$1,604.00	\$ -
85	7990	8-INCH CONCRETE SIDEWALK & DRIVE	SF	1630		\$8.02	\$ -
86	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	1900		\$5.26	\$ -
87	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	1900		\$0.35	\$ -
88	8050	HMA PAVEMENT TEMPORARY PATCHING	SY	500		\$22.06	\$ -
89	8065	HMA PAVEMENT PATCHING	SY	100		\$88.22	\$ -
91	8104	HMA PAVEMENT TYPE 4 LT 58-28 S	TON	150		\$153.38	\$ -
92	8205	HMA PAVEMENT TYPE 5 LT 58-28 H	TON	250		\$146.37	\$ -
93	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	2	1	\$4,931.33	\$ 4,931.33
94	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	233		\$8.80	\$ -

95	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	1748		\$13.10	\$ -
96	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	19		\$1,177.11	\$ -
97	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	13		\$2,171.37	\$ -
98	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	2		\$2,608.99	\$ -
99	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	4		\$10,852.65	\$ -
100	10045	CONCRETE BASE - (SPECIAL EXCAVATION)	EACH	23		\$253.92	\$ -
101	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	2		\$4,266.91	\$ -
102	10065	CABLE TRAFFIC SIGNAL 5-14 AWG, WDOT 655.0230	LF	956		\$1.38	\$ -
103	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	1513		\$1.77	\$ -
104	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	2435		\$2.76	\$ -
105	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	2343		\$2.31	\$ -
106	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6000		\$1.09	\$ -
107	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	1598		\$1.81	\$ -
108	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, WDOT 655.0200.01	LS	2		\$621.40	\$ -
109	10150	INSTALL TRAFFIC SIGNAL CONTROLLER AND CABINET (CITY FURNISHED)	EACH	2		\$2,430.62	\$ -
110	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM	LS	2		\$10,404.08	\$ -
111	10800	SIGNAL MOUNTING HARDWARE, WDOT 658.5069.01	LS	2		\$606.74	\$ -
112	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM	LS	2		\$9,129.70	\$ -
113	10950	VIDEO VEHICLE DETECTION SYSTEM (CITY FURNISHED)	LS	2		\$1,246.17	\$ -
114	10980	CONCRETE BASE - TYPE 10-SPECIAL, WDOT 654.0120	EACH	2		\$12,113.65	\$ -
115	10981	CABLE TRAFFIC SIGNAL 15-14 AWG, WDOT 655.0270	LF	401		\$3.56	\$ -
116	10982 A	TRANSPORT AND INSTALL PEDESTAL BASE (CITY FURNISHED)	EACH	13		\$104.63	\$ -
117	10982 B	TRANSPORT AND INSTALL TRANS. BASE (CITY FURNISHED)	EACH	2		\$122.37	\$ -
118	10982 C	TRANSPORT AND INSTALL POLE TYPE 2 (CITY FURNISHED)	EACH	1		\$428.23	\$ -
119	10982 D	TRANSPORT AND INSTALL POLE TYPE 3 (CITY FURNISHED)	EACH	1		\$488.88	\$ -
120	10982 E	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 15-FT (CITY FURNISHED)	EACH	5		\$384.92	\$ -
121	10982 F	TRANSPORT AND INSTALL SIGNAL STDS ALUMINUM 10-FT (CITY FURNISHED)	EACH	1		\$177.00	\$ -
122	10982 G	TRANSPORT AND INSTALL LUMINAIRE ARM 4" CLAMP, 8-FT (CITY FURNISHED)	EACH	1		\$185.66	\$ -
123	10982 H	TRANSPORT AND INSTALL SIGNAL FACE 3S 12-INCH (CITY FURNISHED)	EACH	22		\$262.62	\$ -
124	10982 I	TRANSPORT AND INSTALL SIGNAL FACE 4S 12-INCH (CITY FURNISHED)	EACH	10		\$280.22	\$ -
125	10982 J	TRANSPORT AND INSTALL PEDESTRIAN FACE 16-INCH (CITY FURNISHED)	EACH	14		\$144.60	\$ -
126	10983 A	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	4		\$1,112.64	\$ -
127	10983 B	INSTALL MONOTUBE POLES, TYPE 10-SPECIAL (CITY FURNISHED)	EACH	2		\$1,112.64	\$ -
128	10984 A	INSTALL MONOTUBE ARM, 15-FT (CITY FURNISHED)	EACH	1		\$1,116.37	\$ -



129	10984 B	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	1		\$1,393.60	\$ -
130	10984 C	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	2		\$1,393.60	\$ -
131	10984 D	INSTALL MONOTUBE ARM, 35-FT (CITY FURNISHED)	EACH	1		\$1,393.60	\$ -
132	10984 E	INSTALL MONOTUBE ARM, 40-FT (CITY FURNISHED)	EACH	1		\$151.94	\$ -
133	10985	INSTALL LUMINAIRE ARM STEEL 8-FT (CITY FURNISHED)	EACH	8		\$151.94	\$ -
134	10986	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	9		\$147.29	\$ -
135	10987 A	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, DELAFIELD & WASHINGTON	LS	1		\$1,232.83	\$ -
136	10987 B	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, DELAFIELD & MORELAND	LS	1		\$1,232.83	\$ -
137	10988 A	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, DELAFIELD & WASHINGTON	LS	1		\$1,232.83	\$ -
138	10988 B	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, DELAFIELD & MORELAND	LS	1		\$1,232.83	\$ -
139	10989	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, DELAFIELD & MORELAND	LS	1		\$1,232.83	\$ -
140	10990	TEMPORARY TRAFFIC SIGNAL, DELAFIELD & MORELAND	LS	1		\$35,619.73	\$ -
141	10991	SIGNAL BASE UTILITY LOCATE W/HYDRO EXCAVATION	HR	24		\$456.54	\$ -
142	10992	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINETS	LS	3		\$6,069.93	\$ -
143	10993	FURNISH AND INSTALL WIRELESS RADIO COMMUNICATIONS IN SIGNAL CABINET	EACH	2		\$5,082.16	\$ -
144	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	22		\$999.23	\$ -
145	11025	PULL BOX - 15-INCH PVC	EACH	12		\$623.12	\$ -
146	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	18		\$876.92	\$ -
147	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	4000		\$7.12	\$ -
148	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	200		\$20.37	\$ -
149	11105	CONDUIT RIGID NONMETALLIC SCH 40, 2-INCH, WDOT 652.0225	LF	200		\$8.80	\$ -
150	11112	CONDUIT 3-INCH HDPE	LF	3900		\$10.01	\$ -
151	11120	12/2 UF W/GROUND WIRE	LF	880		\$1.29	\$ -
152	11123	#10 XLP USE WIRE	LF	330		\$1.16	\$ -
153	11125	#6 XLP USE WIRE	LF	4200		\$2.31	\$ -
154	11126	#4 XLP USE WIRE	LF	12500		\$3.20	\$ -
155	11201A	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (STREET LIGHT SYSTEM)	LS	1	1	\$2,465.67	\$ 2,465.67
156	11201B	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (DELAFIELD & WASHINGTON SIGNAL)	LS	1		\$1,479.40	\$ -
157	11201C	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (DELAFIELD & MORELAND SIGNAL)	LS	1		\$2,465.67	\$ -
158	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	51		\$246.56	\$ -

159	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	28	10	\$123.29	\$ 1,232.90
160	11401	REMOVE AND SALVAGE EXISTING STREET LIGHT UNIT	EACH	2	2	\$606.42	\$ 1,212.84
161	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	22		\$970.27	\$ -
162	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1		\$16,153.68	\$ -
163	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	2		\$2,832.47	\$ -
164	11990	REMOVE EXISTING STREET LIGHT UNIT, REPLACE CONCRETE BASE, REINSTALL EXISTING STREET LIGHT UNIT.	EACH	3		\$1,809.58	\$ -
165	12001	PAVEMENT MARKING REMOVAL, 4-INCH	LF	100		\$12.03	\$ -
166	12002	PAVEMENT MARKING REMOVAL, 6-INCH	LF	100		\$12.53	\$ -
167	12004	PAVEMENT MARKING REMOVAL, 12-INCH	LF	100		\$14.04	\$ -
168	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	9800		\$1.50	\$ -
169	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	11500		\$1.50	\$ -
170	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	600		\$3.01	\$ -
171	12211	PAVEMENT MARKING EPOXY, MEDIAN NOSE	SF	50		\$11.03	\$ -
172	12302	PAVEMENT MARKING GROOVED EPOXY, DOUBLE LINE, 4-INCH	LF	3500		\$5.51	\$ -
173	12303	PAVEMENT MARKING GROOVED EPOXY, LINE, 6-INCH	LF	1300		\$24.06	\$ -
174	12304	PAVEMENT MARKING GROOVED EPOXY, LINE, 8-INCH	LF	2400		\$8.52	\$ -
175	12306	PAVEMENT MARKING GROOVED EPOXY, LINE, 18-INCH	LF	350		\$26.07	\$ -
176	12512	PAVEMENT MARKING GROOVED EPOXY, ARROW	EACH	22		\$551.38	\$ -
177	12515	PAVEMENT MARKING GROOVED EPOXY, WORD	EACH	7		\$601.50	\$ -
178	13002	REMOVE SIGN	EACH	75		\$12.13	\$ -
179	13003	REMOVE POSTS	EACH	36		\$13.13	\$ -
180	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	27		\$118.40	\$ -
181	13021	SIGN	EACH	81		\$160.40	\$ -
182	13300	MOVE SIGN	EACH	8		\$24.96	\$ -
183	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$0.01	\$ -
184	14005	TOPSOIL & SOD	SY	17000		\$9.80	\$ -
185	14054	PLANTING MULCH	CY	100		\$47.22	\$ -
		PROJECT LOCATION #2 LEMIRA AVENUE					\$ -
186	1001	TRAFFIC CONTROL	LS	1	0.20	\$9,603.95	\$ 1,920.79
187	2003	EROSION BALES	EACH	20		\$0.20	\$ -
188	2005	INLET PROTECTION	EACH	6		\$421.08	\$ -
189	3021	CLEARING	SY	50	42.00	\$18.08	\$ 759.36
190	3022	GRUBBING	SY	50	42.00	\$11.82	\$ 496.44
191	3041	CLEARING	INCH DIA	70	142.00	\$35.39	\$ 5,025.38

192	3042	GRUBBING	INCH DIA	70	142.00	\$20.40	\$ 2,896.80
193	3110	REMOVE PIPE	LF	450	-	\$36.09	\$ -
194	3300	REMOVE EXISTING CURB AND GUTTER	LF	2100		\$4.27	\$ -
195	3331	REMOVE EXISTING SIDEWALK	SF	13200		\$0.56	\$ -
<b>196</b>	<b>3500</b>	<b>SAWCUTTING AT PAVEMENT LIMITS</b>	<b>LF</b>	<b>50</b>	<b>32.00</b>	<b>\$2.51</b>	<b>\$ 80.32</b>
197	3650	REMOVE EXISTING ROADWAY	SY	3100		\$1.83	\$ -
198	4010	SHAPING AND GRADING TO SUBGRADE	LF	1000		\$81.70	\$ -
199	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500		\$2.13	\$ -
200	4016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$2.14	\$ -
201	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000		\$20.60	\$ -
202	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$26.90	\$ -
203	5050	INTERNAL CHIMNEY SEAL	EACH	4		\$733.83	\$ -
<b>204</b>	<b>5056</b>	<b>SANITARY LATERAL CLEANOUT</b>	<b>EACH</b>	<b>35</b>	<b>35.00</b>	<b>\$2,155.38</b>	<b>\$ 75,438.30</b>
205	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	35		\$390.98	\$ -
206	5075	SANITARY SEWER SPOT REPAIR	EACH	1		\$4,511.25	\$ -
207	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$4,411.00	\$ -
208	5080	SANITARY LATERAL REINSTATEMENT	EACH	35		\$25.06	\$ -
209	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	1055	262.00	\$33.08	\$ 8,666.96
210	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	225		\$35.09	\$ -
211	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	35		\$4,912.25	\$ -
212	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	210		\$29.57	\$ -
213	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	3		\$1,328.31	\$ -
214	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1		\$541.35	\$ -
215	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4		\$1,002.50	\$ -
216	5475	48 INCH DIA STORM MANHOLE	EACH	2		\$2,360.89	\$ -
217	5484	48 INCH DIA STORM INLET	EACH	2		\$2,561.39	\$ -
218	5485	2'X3' STORM INLET	EACH	4		\$2,205.50	\$ -
219	5542	12 INCH RCP STORM SEWER PIPE	LF	100		\$108.27	\$ -
220	5545	15 INCH RCP STORM SEWER PIPE	LF	520		\$105.26	\$ -
221	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1280		\$2.86	\$ -
222	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	70		\$491.23	\$ -
223	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	620		\$4.51	\$ -
224	6100	EXTRA BAGS OF CEMENT	EA	50		\$30.08	\$ -
225	6500	TYPE A SLURRY	CY	50		\$85.21	\$ -

226	7008	8-INCH CONCRETE PAVEMENT	SY	3100		\$52.13	\$ -
227	7130	30" CONCRETE CURB & GUTTER	LF	2100		\$20.05	\$ -
228	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	40		\$70.18	\$ -
229	7302	PEDESTRIAN CURB	LF	100		\$70.18	\$ -
230	7304	4-INCH CONCRETE SIDEWALK	SF	8500		\$7.02	\$ -
231	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	4800		\$8.02	\$ -
233	8104	HMA PAVEMENT TYPE 4 LT 58-28 S	TON	50		\$190.48	\$ -
235	13002	REMOVE SIGN	EACH	3		\$12.13	\$ -
236	13003	REMOVE POSTS	EACH	3		\$13.13	\$ -
237	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	5		\$118.30	\$ -
238	13021	SIGN	EACH	5		\$160.40	\$ -
239	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$0.01	\$ -
240	14005	TOPSOIL & SOD	SY	2000		\$9.80	\$ -
		PROJECT LOCATION #3 WATERMAIN					\$ -
241	6500	TYPE A SLURRY	CY	100		\$85.21	\$ -
<b>242</b>	<b>15001</b>	<b>INSTALL 12" WATER MAIN AND FITTINGS</b>	<b>LF</b>	<b>3660</b>	<b>1925</b>	<b>\$120.30</b>	<b>\$ 231,577.50</b>
<b>243</b>	<b>15002</b>	<b>INSTALL 8" WATER MAIN AND FITTINGS</b>	<b>LF</b>	<b>1400</b>	<b>1198</b>	<b>\$126.32</b>	<b>\$ 151,331.36</b>
<b>244</b>	<b>15003</b>	<b>INSTALL 6" WATER MAIN AND FITTINGS</b>	<b>LF</b>	<b>40</b>	<b>20</b>	<b>\$301.75</b>	<b>\$ 6,035.00</b>
<b>245</b>	<b>15004</b>	<b>INSTALL 12" GATE VALVE &amp; BOX</b>	<b>EACH</b>	<b>9</b>	<b>5</b>	<b>\$239.60</b>	<b>\$ 1,198.00</b>
<b>246</b>	<b>15005</b>	<b>INSTALL 8" GATE VALVE &amp; BOX</b>	<b>EACH</b>	<b>6</b>	<b>5</b>	<b>\$239.60</b>	<b>\$ 1,198.00</b>
<b>247</b>	<b>15006</b>	<b>INSTALL 6" GATE VALVE &amp; BOX</b>	<b>EACH</b>	<b>1</b>	<b>1</b>	<b>\$239.60</b>	<b>\$ 239.60</b>
<b>248</b>	<b>15007</b>	<b>INSTALL HYDRANT ASSEMBLY</b>	<b>EACH</b>	<b>8</b>	<b>6</b>	<b>\$2,200.49</b>	<b>\$ 13,202.94</b>
249	15008	CONNECT 3/4" SERVICE LATERAL (SL1)	EACH	7		\$2,907.25	\$ -
250	15009	CONNECT 1" SERVICE LATERAL (SL2)	EACH	8		\$2,907.25	\$ -
251	15010	CONNECT 3/4" SERVICE LATERAL (SL3)	EACH	5		\$3,408.50	\$ -
252	15011	CONNECT 1" SERVICE LATERAL (SL4)	EACH	11		\$3,408.50	\$ -
253	15012	CONNECT 1" SERVICE LATERAL (SL5)	EACH	1		\$2,907.25	\$ -
254	15013	CONNECT 1-1/4" SERVICE LATERAL (SL6)	EACH	1		\$2,907.25	\$ -
255	15014	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	1		\$4,611.50	\$ -
256	15015	CONNECT 2" SERVICE LATERAL (SL8)	EACH	2		\$5,213.00	\$ -
257	15016	CONNECT 1-1/4" SERVICE LATERAL (SL9)	EACH	2		\$4,511.25	\$ -
258	15017	CONNECT 1" SERVICE LATERAL (SL 10)	EACH	1		\$4,511.25	\$ -
259	15018	CONNECT 1" SERVICE LATERAL (SL 11)	EACH	14		\$4,611.50	\$ -
260	15019	CONNECT 1" SERVICE LATERAL (SL 12)	EACH	6		\$3,057.63	\$ -

261	15020	CONNECT 1" SERVICE LATERAL (SL 13)	EACH	1		\$3,057.63	\$ -
262	15021	CONNECT 6" SERVICE LATERAL (SL 14)	EACH	2		\$5,714.25	\$ -
263	15022	CONNECT 4" SERVICE LATERAL (SL 15)	EACH	2		\$7,408.48	\$ -
264	15023	CONNECT 8" SERVICE LATERAL (SL 16)	EACH	1		\$5,353.35	\$ -
265	15024	ABANDON EXISTING HYDRANT	EACH	10		\$810.02	\$ -
266	15025	ABANDON VALVE BOXES & MANHOLES	L.S.	1		\$7,619.00	\$ -
267	16001	LIQUIDATED DAMAGES	DAY	0		(\$1,500.00)	\$ -
268	16002	PEDESTRIAN PENALTIES	DAY	0		(\$1,000.00)	\$ -

Total	\$ 1,288,715.58
Less Retainage	\$ 64,435.78
Total	\$ 1,224,279.80
Less Previously Paid	\$ 239,074.47
Total Amount Due	\$ 985,205.33

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$985,205.33 be allowed.

Respectfully Submitted,



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