

SUMMARY TABLE
FOR
PARTIAL PAYMENTS

AUGUST 3, 2023

1. DC Burbach, Inc., for 2023 Alley Reconstruction Program.	\$182,335.13
2. H & H Civil Construction, LLC for 2023 Artificial Turf Installation at Mindiola Park.	\$252,835.14
3. Musson Bros., Inc. for Tenny Avenue, Newhall Avenue and Pilot Court Utility and Street Improvements.....	\$25,000.00
4. State Contractors, Inc., for W. Broadway and East Ave. Street Utility and Traffic Improvements...	\$133,550.61
5. Super Western, Inc., for Delafield Street And Lemira Avenue Utility And Street Improvements - CONCRETE.	\$316,279.05
6. Wolf Paving Co., Inc. for 2023 Asphalt Street Resurfacing and Utility Improvements.	\$626,571.61

August 3, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to DC Burbach, Inc., W228 N2762 Duplainville Rd., Waukesha, WI 53186 for 2023 Alley Reconstruction Program project.

Contract No. #4292

CONTRACT DATE: May 2, 2023

Contract Amount: \$ 999,813.75

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
BASE BID - PROJECT LOCATION #1 ALLEY 26							
1	1001	TRAFFIC CONTROL	LS	1	1	\$ 8,500.00	\$ 8,500.00
2	2003	EROSION BALES	EACH	10		\$ 1.00	\$ -
3	2005	INLET PROTECTION	EACH	3	3	\$ 100.00	\$ 300.00
4	3011	CLEARING	STA	8	11	\$ 800.00	\$ 8,800.00
5	3012	GRUBBING	STA	8	10.21	\$ 350.00	\$ 3,573.50
6	3300	REMOVE EXISTING CURB AND GUTTER	LF	35	73	\$ 8.50	\$ 620.50
7	3331	REMOVE EXISTING SIDEWALK	SF	1450	1444	\$ 1.30	\$ 1,877.20
8	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	225	220	\$ 2.40	\$ 528.00
9	3650	REMOVE EXISTING ROADWAY	SY	1300	1278.3	\$ 12.80	\$ 16,362.24
10	4010	SHAPING AND GRADING TO SUBGRADE	LF	735	704	\$ 4.00	\$ 2,816.00
11	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	200		\$ 2.20	\$ -
12	4016	GEOTEXTILE GRID TYPE BX1100	SY	200	533	\$ 2.20	\$ 1,172.60
13	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	750	492	\$ 21.00	\$ 10,332.00
14	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	300	256	\$ 20.00	\$ 5,120.00
15	5483	36 INCH DIA STORM INLET	EACH	1	1	\$ 5,500.00	\$ 5,500.00
16	5542	12 INCH RCP STORM SEWER PIPE	LF	5	5	\$ 300.00	\$ 1,500.00
17	4990	CRUSHED STONE DRIVEWAY	TON	30	30	\$ 25.00	\$ 750.00
18	5692	STORM MANHOLE REPAIR	VF	5		\$ 2,000.00	\$ -
19	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	2		\$ 2,000.00	\$ -
20	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	535	480	\$ 9.50	\$ 4,560.00
21	6100	EXTRA BAGS OF CEMENT	EA	10		\$ 20.00	\$ -
22	6500	TYPE A SLURRY	CY	10		\$ 130.00	\$ -
23	7130	30" CONCRETE CURB & GUTTER	LF	35	73	\$ 40.00	\$ 2,920.00
24	7304	4-INCH CONCRETE SIDEWALK	SF	150	161	\$ 7.60	\$ 1,223.60
25	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	925	855	\$ 8.45	\$ 7,224.75

26	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	375	428	\$ 8.85	\$ 3,787.80
27	7990	7-INCH CONCRETE ALLEY PAVEMENT	SY	1,300	1,278	\$ 51.50	\$ 65,817.00
28	8310	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	40	39	\$ 225.00	\$ 8,727.75
29	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	550	275	\$ 10.00	\$ 2,750.00
30	14054	PLANTING MULCH	SY	80	5	\$ 5.80	\$ 29.00
30A	8103	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	3	4	\$ 200.00	\$ 702.00
30 B	8105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	2	17	\$ 300.00	\$ 5,034.00
PROJECT LOCATION #2 ALLEY 27							
31	1001	TRAFFIC CONTROL	LS	1	1.0	\$ 8,500.00	\$ 8,500.00
32	2003	EROSION BALES	EACH	10		\$ 1.00	\$ -
33	3300	REMOVE EXISTING CURB AND GUTTER	LF	110	139	\$ 8.50	\$ 1,181.50
34	3331	REMOVE EXISTING SIDEWALK	SF	4,350	3,300	\$ 1.30	\$ 4,290.00
35	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	500	471	\$ 2.40	\$ 1,130.40
36	3650	REMOVE EXISTING ROADWAY	SY	1,450	1,340	\$ 12.80	\$ 17,152.00
37	4010	SHAPING AND GRADING TO SUBGRADE	LF	710	663	\$ 4.00	\$ 2,652.00
38	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	200		\$ 2.20	\$ -
39	4016	GEOTEXTILE GRID TYPE BX1100	SY	200		\$ 2.20	\$ -
40	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	850	822.43	\$ 21.00	\$ 17,271.03
41	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	300		\$ 20.00	\$ -
42	4990	CRUSHED STONE DRIVEWAY	TON	30		\$ 25.00	\$ -
43	5050	INTERNAL CHIMNEY SEAL	EACH	3		\$ 1,100.00	\$ -
44	5056	SANITARY LATERAL CLEANOUT	EACH	3	3	\$ 2,145.00	\$ 6,435.00
45	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	3	3	\$ 385.00	\$ 1,155.00
46	5075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 20,000.00	\$ -
47	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$ 10,000.00	\$ -
48	5080	SANITARY LATERAL REINSTATEMENT	EACH	3	3	\$ 75.00	\$ 225.00
49	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	470	423	\$ 37.00	\$ 15,651.00
50	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	3	3	\$ 5,445.00	\$ 16,335.00
51	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	10		\$ 44.00	\$ -
52	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	3		\$ 1,625.00	\$ -
53	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	2	2	\$ 2,500.00	\$ 5,000.00
54	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	470	420	\$ 25.00	\$ 10,500.00
55	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	6	3	\$ 550.00	\$ 1,650.00
56	5990	INSTALL SECTIONAL CIPP LINER	EACH	1		\$ 3,925.00	\$ -

57	6100	EXTRA BAGS OF CEMENT	EA	10		\$ 20.00	\$ -
58	6500	TYPE A SLURRY	CY	10		\$ 130.00	\$ -
59	7130	30" CONCRETE CURB & GUTTER	LF	110	139	\$ 40.00	\$ 5,560.00
60	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	20	10	\$ 60.00	\$ 600.00
61	7302	PEDESTRIAN CURB	LF	15	15	\$ 40.00	\$ 600.00
62	7304	4-INCH CONCRETE SIDEWALK	SF	300	354	\$ 7.60	\$ 2,690.40
63	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,700	3,448	\$ 8.45	\$ 29,131.38
64	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	350	269	\$ 8.85	\$ 2,380.65
65	7990	7-INCH CONCRETE ALLEY PAVEMENT	SY	1,400	1,340	\$ 51.50	\$ 69,010.00
66	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	100	100	\$ 61.00	\$ 6,100.00
67	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	100	100	\$ 0.50	\$ 50.00
68	8103	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	10	14	\$ 200.00	\$ 2,824.00
69	8105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	20	15	\$ 300.00	\$ 4,500.00
70	8310	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	20		\$ 225.00	\$ -
71	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	300	225	\$ 10.00	\$ 2,250.00
72	14054	PLANTING MULCH	SY	220	165	\$ 5.80	\$ 957.00
PROJECT LOCATION #3 ALLEY 91							
73	1001	TRAFFIC CONTROL	LS	1	1.0	\$ 8,500.00	\$ 8,500.00
74	2003	EROSION BALES	EACH	10		\$ 1.00	\$ -
75	2005	INLET PROTECTION	EACH	2	2	\$ 100.00	\$ 200.00
76	3300	REMOVE EXISTING CURB AND GUTTER	LF	100	83	\$ 8.50	\$ 705.50
77	3331	REMOVE EXISTING SIDEWALK	SF	1025	800	\$ 1.30	\$ 1,040.00
78	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	650	600	\$ 2.40	\$ 1,440.00
79	3650	REMOVE EXISTING ROADWAY	SY	2600	2,586	\$ 12.80	\$ 33,100.80
80	4010	SHAPING AND GRADING TO SUBGRADE	LF	1185	1,164	\$ 4.00	\$ 4,656.00
81	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	200		\$ 2.20	\$ -
82	4016	GEOTEXTILE GRID TYPE BX1100	SY	200		\$ 2.20	\$ -
83	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1500	1,155	\$ 21.00	\$ 24,255.00
84	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	600		\$ 20.00	\$ -
85	4990	CRUSHED STONE DRIVEWAY	TON	30	0	\$ 25.00	\$ -
86	5050	INTERNAL CHIMNEY SEAL	EACH	3		\$ 1,100.00	\$ -
87	5056	SANITARY LATERAL CLEANOUT	EACH	11	11	\$ 2,145.00	\$ 23,595.00
88	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	11	11	\$ 385.00	\$ 4,235.00
89	5075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 20,000.00	\$ -

90	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$ 10,000.00	\$ -
91	5080	SANITARY LATERAL REINSTATEMENT	EACH	11	11	\$ 75.00	\$ 825.00
92	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	1040	1,036	\$ 37.00	\$ 38,332.00
93	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	11	11	\$ 5,445.00	\$ 59,895.00
94	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	10		\$ 44.00	\$ -
95	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	3	3	\$ 2,500.00	\$ 7,500.00
96	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1040	940	\$ 4.00	\$ 3,760.00
97	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	22	11	\$ 550.00	\$ 6,050.00
98	5483	36 INCH DIA STORM INLET	EACH	1	1	\$ 5,500.00	\$ 5,500.00
99	5484	48 INCH DIA STORM INLET	EACH	1	1	\$ 8,000.00	\$ 8,000.00
100	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	30	27	\$ 40.00	\$ 1,080.00
101	5991	INSTALL SECTIONAL CIPP LINER AND ABANDON MANHOLE	EACH	2		\$ 17,500.00	\$ -
102	6100	EXTRA BAGS OF CEMENT	EA	10		\$ 20.00	\$ -
103	6500	TYPE A SLURRY	CY	10		\$ 130.00	\$ -
104	7130	30" CONCRETE CURB & GUTTER	LF	100	83	\$ 40.00	\$ 3,320.00
105	7304	4-INCH CONCRETE SIDEWALK	SF	250	173	\$ 7.60	\$ 1,314.80
106	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	300	241	\$ 8.45	\$ 2,036.45
107	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	475	350	\$ 8.85	\$ 3,097.50
108	7990	7-INCH CONCRETE ALLEY PAVEMENT	SY	2600	2,586	\$ 51.50	\$ 133,179.00
109	8103	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	3	10	\$ 200.00	\$ 1,994.00
110	8105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	2	5	\$ 300.00	\$ 1,500.00
111	8310	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	70	98	\$ 225.00	\$ 21,955.50
112	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	50	25	\$ 10.00	\$ 250.00
113	14005	TOPSOIL & SOD	SY	650	425	\$ 15.00	\$ 6,375.00
Location #1, #2 and #3 GRAND TOTAL							\$ -

Total	\$ 814,000.85
Less Retainage	\$ 24,995.34
Total	\$ 789,005.51
Less Previously Paid	\$ 606,670.38
Total Amount Due	\$ 182,335.13

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$182,335.13 be allowed.

Respectfully Submitted,

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

August 3, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to H & H Civil Construction, LLC, 21110 Main St., Collins, WI 54207 for 2023 Artificial Turf Installation at Mindiola Park project.

Contract No. #4392

CONTRACT DATE: April 14, 2023

Contract Amount: \$ 1,837,599.20

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	1	Mobilization	LS	1	0.75	\$ 209,635.00	\$ 157,226.25
2	2	Construction Fencing	LF	1480	1480	\$ 4.25	\$ 6,290.00
3	3	Silt Fence	LF	1050	1050	\$ 1.50	\$ 1,575.00
4	4	Stone Construction Entrance	EA	1	1	\$ 5,600.00	\$ 5,600.00
5	5	Inlet Protection	EA	7	7	\$ 145.00	\$ 1,015.00
6	6	Misc. Demolition	LS	1	1	\$ 10,950.00	\$ 10,950.00
7	7	Temporary Ditch Check	EA	4		\$ 85.00	\$ -
8	8	12" Storm Sewer	LF	428	214	\$ 34.00	\$ 7,276.00
9	9	48" Inlets	EA	2	1	\$ 2,500.00	\$ 2,500.00
10	10	12" Inline Inlets and Grates	EA	2	1	\$ 2,100.00	\$ 2,100.00
11	11	Apron Endwall with Grate	EA	2	1	\$ 600.00	\$ 600.00
12	12	Medium Rip-Rap	SF	32		\$ 53.00	\$ -
13	13	Strip and Stockpile Topsoil	CY	1,835	1,835	\$ 6.00	\$ 11,010.00
14	14	Fill Material	CY	16,350	4,000	\$ 15.00	\$ 60,000.00
15	15	Fine Grading	LS	1		\$ 24,000.00	\$ -
16	16	Excavation Below Subgrade (Utilities)	CY	100		\$ 48.00	\$ -
17	17	Gravel Base and Stormwater Collection System (10" perforated Collector and Flat Panel)	LS	1		\$ 115,943.00	\$ -
18	18	6" X12" Concrete Nailer	LF	1,015		\$ 34.00	\$ -
19	19	Synthetic Turf	SF	94,975		\$ 4.47	\$ -
20	20	Asphalt Path	SF	6,365		\$ 5.21	\$ -
21	21	Concrete Apron and Sidewalk	SF	320		\$ 11.45	\$ -
22	22	18" Concrete Sidewalk Around Field	SF	1,530		\$ 14.42	\$ -
23	23	Concrete Spectator Area	SF	5,120		\$ 7.55	\$ -
24	24	Asphalt Access Area	SF	6,400		\$ 4.77	\$ -
25	25	Chain Link Fence (4' Ht) (Black polymer coated)	LF	170		\$ 47.05	\$ -
26	26	Chain Link Fence (8' Ht) (Black polymer coated)	LF	1,320		\$ 52.00	\$ -
27	27	20' Wide Fence Gate (8' Ht) (Black polymer coated)	EA	2		\$ 2,900.00	\$ -
28	28	10' Wide Fence Gate (8' Ht) (Black polymer coated)	EA	3		\$ 1,450.00	\$ -
29	29	4' Wide Fence Gate (8' Ht) (Black polymer coated)	EA	2		\$ 950.00	\$ -
30	30	6' Wide Fence Gate (4' Ht) (Black polymer coated)	EA	2		\$ 924.00	\$ -
31	31	Respread Topsoil 6" Thick	CY	1,300		\$ 18.80	\$ -
32	32	Turfgrass Restoration - Seed, Fertilizer and Mulch	SY	8,100		\$ 2.15	\$ -
33	33	Goals and Corner Flag Anchors Installation	LS	1		\$ 3,800.00	\$ -
34	34	Backstop Net System supply and installation Behind Goals (20' x 90')	EA	4		\$ 13,201.00	\$ -
35	35	Corner Flags (Championship Field) (Set of 4)	EA	1		\$ 450.00	\$ -

36	36	1 pair Competition Goals, 1 pair U10 Goals, 1 pair High School Lacrosse Goals, with all accessories - Assembled	LS	1		\$ 17,850.00	\$ -
37	37	Bleacher Units - Assembled and stalled	EA	3		\$ 18,596.00	\$ -
38	38	Com Box	EA	1		\$ 1,785.00	\$ -
39	39	Supply and install Pedoc hinged pedestals, black, 18" height, double mounting plate, 140 (2-20A) outlets, electrify, etc.	EA	2		\$ 1,385.00	\$ -
40	40	Supply and install Scoreboard, mounting poles, footings - assembled, with communication to com box, fully functional.	EA	2		\$ 24,045.00	\$ -
41	41	Install City Furnished Musco Poles	EA	4		\$ 3,200.00	\$ -
42	42	Install City Furnished Musco Luminaires	EA	40		\$ 48.00	\$ -
43	43	Install City Furnished Musco Precast Concrete Foundations	EA	4		\$ 43,890.00	\$ -
44	44	Supply and Install 2-inch Conduit Special	LF	2450		\$ 10.20	\$ -
45	45	#1 XLP USE Wire	LF	700		\$ 4.10	\$ -
46	46	#4 XLP USE Wire	LF	1950		\$ 2.38	\$ -
47	47	#6 XLP USE Wire	LF	240		\$ 1.83	\$ -
48	48	#6 XLP USE Wire (Ground)	LF	1600		\$ 1.83	\$ -
49	49	#8 XLP USE Wire	LF	200		\$ 1.33	\$ -
50	50	Supply and Install Outdoor 400-amp 208-volt, three phase service	LS	1		\$ 12,300.00	\$ -
51	51	Install City Furnished Musco Control Cabinet	EA	1		\$ 880.00	\$ -
52	52	Supply and Install 24-inch Pull Box	EA	8		\$ 1,275.00	\$ -
53	53	Supply and Install Galvanized Steel Support Structure	LS	1		\$ 3,200.00	\$ -
54	54	Storage of Musco Poles, Luminaires, and other equipment	LS	1		\$ 1,700.00	\$ -
55	55	Misc. Construction	LS	1		\$ 17,000.00	\$ -

Total \$ 266,142.25

Less Retainage \$ 13,307.11

Total \$ 252,835.14

Less Previously Paid

Total Amount Due \$ 252,835.14

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$252,835.14 be allowed.

Respectfully Submitted,

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

August 3, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 17 (FINAL) 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	1.00	\$20,000.00	\$ 20,000.00
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	1.00	\$10,000.00	\$ 10,000.00
4	2002	SILT FENCE	LF	300		\$2.00	\$ -
5	2003	EROSION BALES	EACH	30		\$10.00	\$ -
6	2005	INLET PROTECTION	EACH	40	23.00	\$53.00	\$ 1,219.00
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	1,012.60	\$5.47	\$ 5,538.92
12	3331	REMOVE EXISTING SIDEWALK	SF	18000	13,966.50	\$2.19	\$ 30,586.64
13	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	425	410.00	\$2.50	\$ 1,025.00
14	3600	REMOVE EXISTING CONCRETE ROADWAY	SY	7500	6,870.00	\$4.97	\$ 34,143.90
15	3650	REMOVE EXISTING ROADWAY	SY	8250	7,700.00	\$3.57	\$ 27,489.00
16	4010	SHAPING AND GRADING TO SUBGRADE	LF	2000	1,946.00	\$23.25	\$ 45,244.50
17	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1200		\$2.78	\$ -
18	4016	GEOTEXTILE GRID TYPE BX1100	SY	1200	4,909.00	\$3.96	\$ 19,439.64
19	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	5500	5,240.00	\$19.89	\$ 104,223.60
20	4120	SLURRY BACKFILL	CY	250		\$85.59	\$ -
21	4502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	2500	5,514.97	\$24.53	\$ 135,282.21

22	4990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	2000	2,408.83	\$31.64	\$ 76,215.38
23	4991	FINE GRADING OF ROADWAY BASE (PAVEMENT REPLACEMENT AREA)	LF	1750	1,591.00	\$3.54	\$ 5,632.14
24	5050	INTERNAL CHIMNEY SEAL	EACH	11	12.00	\$653.99	\$ 7,847.88
25	5056	SANITARY LATERAL CLEANOUT	EACH	12	11.00	\$1,850.00	\$ 20,350.00
26	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	12	11.00	\$695.00	\$ 7,645.00
27	5075	SANITARY SEWER SPOT REPAIR	EACH	1	1.00	\$5,245.17	\$ 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	3.00	\$75.00	\$ 225.00
30	5108	8 INCH PVC SANITARY SEWER PIPE	LF	710	701.70	\$151.01	\$ 105,963.72
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	3.00	\$4,250.00	\$ 12,750.00
35	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	70	31.90	\$10.00	\$ 319.00
36	5352	SANITARY LATERAL LINING (CIPP) FROM BACK OF WALK TO OPEN CUT LATERAL REPLACEMENT	EACH	7	8.00	\$3,675.00	\$ 29,400.00
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	3.00	\$2,250.00	\$ 6,750.00
39	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	10	9.00	\$1,701.77	\$ 15,315.93
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	323.00	\$83.25	\$ 26,889.75
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	2.00	\$593.55	\$ 1,187.10
47	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3330	1,894.60	\$3.50	\$ 6,631.10
48	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	29	30.00	\$375.00	\$ 11,250.00
49	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	2300	1,525.00	\$3.50	\$ 5,337.50
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	236.50	\$45.00	\$ 10,642.50

53	7008	8-INCH CONCRETE PAVEMENT	SY	13000	11,944.00	\$39.00	\$ 465,816.00
54	7109	9-INCH DOWELED CONCRETE PAVEMENT	SY	2000	2,038.56	\$42.00	\$ 85,619.52
55	7130	30" TYPE A CONCRETE CURB & GUTTER	LF	6000	5,901.00	\$17.00	\$ 100,317.00
56	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	290	290.00	\$50.00	\$ 14,500.00
57	7302	PEDESTRIAN CURB	LF	100	34.00	\$50.00	\$ 1,700.00
58	7304	4-INCH CONCRETE SIDEWALK	SF	14600	10,817.00	\$6.50	\$ 70,310.50
59	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	5700	5,573.00	\$6.50	\$ 36,224.50
60	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	350	413.65	\$6.50	\$ 2,688.73
61	7990	DRILLED TIE BARS	LF	850	850.00	\$10.00	\$ 8,500.00
62	8052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	250	189.33	\$34.90	\$ 6,607.62
63	8203	HMA PAVEMENT TYPE 3LT5828S	TON	20	4.00	\$285.00	\$ 1,140.00
64	8204	HMA PAVEMENT TYPE 4LT5828S	TON	10		\$285.00	\$ -
65	8205	HMA PAVEMENT TYPE 5LT5828S	TON	10	8.43	\$285.00	\$ 2,402.55
66	8208	HMA PAVEMENT TYPE 5LT5828H	TON	10		\$285.00	\$ -
67	8210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	5	7.61	\$285.00	\$ 2,168.85
68	11990	PILOT COURT STREET LIGHTING CABINET	LS	1	1.00	\$17,430.00	\$ 17,430.00
69	12990	PAVEMENT MARKING GROOVED EPOXY, LINE, 4-INCH	LF	150	116.00	\$9.00	\$ 1,044.00
70	12992	PAVEMENT MARKING GROOVED EPOXY, LINE, 6-INCH	LF	700	641.00	\$18.50	\$ 11,858.50
71	12995	PAVEMENT MARKING GROOVED EPOXY, STOP LINE, 18-INCH	LF	125	111.00	\$19.50	\$ 2,164.50
72	12996	PAVEMENT MARKING GROOVED EPOXY, SYMBOL, HANDICAP	EACH	6	6.00	\$350.00	\$ 2,100.00
73	13002	REMOVE SIGN	EACH	75	75.00	\$14.80	\$ 1,110.00
74	13003	REMOVE POSTS	EACH	35	35.00	\$14.80	\$ 518.00
75	13990	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	5	2.00	\$200.00	\$ 400.00
76	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	750	638.00	\$5.45	\$ 3,477.10
77	14005	TOPSOIL & SOD	SY	5250	3,866.00	\$7.15	\$ 27,641.90
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 \$ 2,314,923.27

Less Retainage \$ -

Total \$ 2,314,923.27

Less Previously Paid \$ 2,289,923.27

Total Amount Due \$ 25,000.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$25,000.00 be allowed.

Respectfully Submitted,



Alex Damien, P.E.
 Director of Public Works

August 3, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 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
1	01001	TRAFFIC CONTROL	LS	1	0.84	\$ 171,530.52	\$ 144,085.64
2	01005	DETOUR ROUTE	LS	1	0.25	\$ 7,326.00	\$ 1,831.50
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	1,847.00	\$ 10.00	\$ 18,470.00
6	01995	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200	15.00	\$ 20.00	\$ 300.00
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	36.00	\$ 135.00	\$ 4,860.00
11	03041	CLEARING	INCH DIA	300	324.00	\$ 42.00	\$ 13,608.00
12	03042	GRUBBING	INCH DIA	350	36.00	\$ 26.25	\$ 945.00
13	03100	REMOVE SEWER MANHOLE	EACH	5	6.00	\$ 415.00	\$ 2,490.00
14	03101	REMOVE INLET	EACH	21	22.00	\$ 415.00	\$ 9,130.00
15	03110	REMOVE PIPE	LF	250	187.00	\$ 43.00	\$ 8,041.00
16	03111	REMOVE STORM STRUCTURE AND BULKHEAD TOP OF EXISTING BOX SEWER	EACH	2	2.00	\$ 2,400.00	\$ 4,800.00
17	03205	ABANDON PIPE	LF	100		\$ 19.00	\$ -
18	03300	REMOVE EXISTING CURB AND GUTTER	LF	3000	2,294.30	\$ 3.00	\$ 6,882.90
19	03331	REMOVE EXISTING SIDEWALK	SF	34250	25,541.05	\$ 1.50	\$ 38,311.58
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	600	329.00	\$ 2.00	\$ 658.00
21	03650	REMOVE EXISTING ROADWAY	SY	4250	3,978.22	\$ 10.00	\$ 39,782.20
22	03990	REMOVE AND SALVAGE BITUMINOUS SET CONCRETE PAVERS	SF	1000		\$ 5.00	\$ -
23	03991	REMOVE EXISTING TURF	SF	2000	1,733.10	\$ 10.00	\$ 17,331.00

24	03992	REMOVE AND DISPOSE OF EXISITING BUS SHELTER	EACH	1		\$ 1,500.00	\$ -
25	04010	SHAPING AND GRADING TO SUBGRADE	LF	1100	984.00	\$ 40.00	\$ 39,360.00
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	88.95	\$ 25.00	\$ 2,223.75
30	04120	SLURRY BACKFILL	CY	250		\$ 85.00	\$ -
31	04503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1850	21.13	\$ 20.00	\$ 422.60
32	05011	PIPE BULKHEAD	EACH	11	5.00	\$ 1,495.00	\$ 7,475.00
33	05042	SANITARY SEWER INSIDE DROP	EACH	1	1.00	\$ 1,200.00	\$ 1,200.00
34	05050	INTERNAL CHIMNEY SEAL	EACH	5	5.00	\$ 765.00	\$ 3,825.00
35	05056	SANITARY LATERAL CLEANOUT	EACH	11	12.00	\$ 2,700.00	\$ 32,400.00
36	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	11	11.00	\$ 495.00	\$ 5,445.00
37	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 4,600.00	\$ -
38	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1	3.00	\$ 4,500.00	\$ 13,500.00
39	05077	STORM SEWER SPOT REPAIR	EACH	2	1.00	\$ 3,400.00	\$ 3,400.00
40	05080	SANITARY LATERAL REINSTATEMENT	EACH	11	11.00	\$ 125.00	\$ 1,375.00
41	05081	STORM LATERAL REINSTATEMENT	EACH	29	22.00	\$ 125.00	\$ 2,750.00
42	05108	8 INCH PVC SANITARY SEWER PIPE	LF	529	529.30	\$ 176.00	\$ 93,156.80
43	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	645	584.10	\$ 178.00	\$ 103,969.80
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	703.00	\$ 44.00	\$ 30,932.00
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	9.00	\$ 5,400.00	\$ 48,600.00
48	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	110	100.00	\$ 29.50	\$ 2,950.00
49	05400	48 INCH DIA SANITARY MANHOLE	VF	22	30.45	\$ 447.00	\$ 13,611.15
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	1.00	\$ 1,055.00	\$ 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	22.00	\$ 3,100.00	\$ 68,200.00
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	230.80	\$ 239.00	\$ 55,161.20
59	05554	24 INCH RCP STORM SEWER PIPE	LF	40	31.00	\$ 155.00	\$ 4,805.00
60	05692	STORM MANHOLE REPAIR	VF	25	0.57	\$ 795.00	\$ 453.15
61	05695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	12	9.00	\$ 950.00	\$ 8,550.00
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	36.00	\$ 495.00	\$ 17,820.00
65	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	4500	3,599.80	\$ 4.50	\$ 16,199.10
66	05956	STORM SEWER LATERAL TELEVISIONING	EACH	38	21.00	\$ 495.00	\$ 10,395.00
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	4,112.80	\$ 50.00	\$ 205,640.00
72	07130	30" CONCRETE CURB & GUTTER	LF	3000	2,262.20	\$ 25.00	\$ 56,555.00
73	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	250	60.00	\$ 45.00	\$ 2,700.00
74	07302	PEDESTRIAN CURB	LF	150	88.00	\$ 100.00	\$ 8,800.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	300	147.80	\$ 7.00	\$ 1,034.60
76	07304	4-INCH CONCRETE SIDEWALK	SF	15500	9,620.00	\$ 7.50	\$ 72,150.00
77	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	4250	3,441.30	\$ 7.50	\$ 25,809.75
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	69.00	\$ 32.10	\$ 2,214.90
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	10.00	\$ 219.00	\$ 2,190.00
86	10002 A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, EAST & BROADWAY	LS	1	1.00	\$ 5,304.53	\$ 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	1.00	\$ 48,214.37	\$ 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	33.00	\$ 1,065.94	\$ 35,176.02
146	11025	PULL BOX - 15-INCH PVC	EACH	14	7.00	\$ 1,393.05	\$ 9,751.35
147	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	2400	2,176.60	\$ 13.28	\$ 28,905.25
148	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	2450		\$ 15.70	\$ -
149	11112	CONDUIT 3-INCH HDPE	LF	1500	1,110.20	\$ 16.60	\$ 18,429.32
150	11113	CONDUIT 3-INCH HDPE SPECIAL	LF	1300		\$ 19.51	\$ -
151	11120	12/2 UF W/GROUND WIRE	LF	1200	595.60	\$ 1.60	\$ 952.96
152	11123	#10 XLP USE WIRE	LF	500	1,164.20	\$ 1.16	\$ 1,350.47
153	11124	#8 XLP USE WIRE	LF	1100		\$ 1.60	\$ -
154	11125	#6 XLP USE WIRE	LF	6555	2,659.30	\$ 2.17	\$ 5,770.68
155	11126	#4 XLP USE WIRE	LF	19665	2,659.30	\$ 2.93	\$ 7,791.75
156	11127	#2 XLP USE WIRE	LF	11000	5,318.60	\$ 3.62	\$ 19,253.33
157	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1	0.50	\$ 7,956.79	\$ 3,978.40
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	\$ -
160	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	49	31.00	\$ 278.56	\$ 8,635.36
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		\$ 663.07	\$ -
164	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	29	29.00	\$ 676.40	\$ 19,615.60
165	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	31	31.00	\$ 928.29	\$ 28,776.99
166	11500	TEMPORARY STREET LIGHTING	LS	1	1.00	\$ 14,261.09	\$ 14,261.09
167	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1	1.00	\$ 14,261.09	\$ 14,261.09
168	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	3		\$ 2,694.87	\$ -
169	11655	COMMUNICATION PULL BOX (24X36)	EACH	12	8.00	\$ 1,311.60	\$ 10,492.80

170	11990	KIOSK BASE - CLOCK TOWER	LS	1	1.00	\$ 4,848.30	\$ 4,848.30
171	11991	KIOSK BASE - BARSTOW/RIVERFRONT	LS	1	1.00	\$ 4,848.30	\$ 4,848.30
172	11992	KIOSK BASE - YOUMANS PARK	LS	1	1.00	\$ 4,848.30	\$ 4,848.30
173	11993	KIOSK BASE - 5 POINTS	LS	1	1.00	\$ 4,848.30	\$ 4,848.30
174	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1900	1,715.60	\$ 6.55	\$ 11,237.18
175	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	3600	280.00	\$ 1.30	\$ 364.00
176	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	925	85.00	\$ 8.75	\$ 743.75
177	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	750		\$ 1.95	\$ -
178	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	100	78.00	\$ 11.75	\$ 916.50
179	12206	PAVEMENT MARKING EPOXY, LINE, 18-INCH	LF	275	81.50	\$ 17.36	\$ 1,414.84
180	12212	PAVEMENT MARKING EPOXY, ARROW	EACH	20		\$ 340.00	\$ -
181	12216	PAVEMENT MARKING EPOXY, SYMBOL	EACH	4	4.00	\$ 195.00	\$ 780.00
182	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 5,000.00	\$ -
183	13002	REMOVE SIGN	EACH	100	28.00	\$ 23.00	\$ 644.00
184	13003	REMOVE POSTS	EACH	10	6.00	\$ 23.00	\$ 138.00
185	13030	SIGN, REFLECTIVE TYPE II	EACH	14		\$ 595.00	\$ -
186	13990	2-FOOT, 6-INCH PVC SLEEVE FOR SIGN POSTS	EACH	20	5.00	\$ 125.00	\$ 625.00
187	14001	TOPSOIL	SY	50		\$ 8.00	\$ -
188	14005	TOPSOIL & SOD	SY	250		\$ 24.80	\$ -
189	14052	STRUCTURAL SOIL	CY	250	215.00	\$ 30.00	\$ 6,450.00
190	14054	PLANTING MULCH	SY	50		\$ 35.00	\$ -
191	14075	BITUMINOUS SET CONCRETE PAVERS	SF	13500	11,553.43	\$ 22.00	\$ 254,175.46
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	26.00	\$ 350.00	\$ 9,100.00
196	INTENTIONALLY LEFT BLANK						
197	14995	PARADE MEMORIAL FOUNDATION	LS	1	1.00	\$ 7,500.00	\$ 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	704.00	\$ 154.00	\$ 108,416.00
200	15002	INSTALL HYDRANT ASSEMBLY	EACH	1	1.00	\$ 5,850.00	\$ 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	4.00	\$ 3,665.00	\$ 14,660.00
205	15004	CONNECT 1-1/2" SERVICE LATERAL (SL4)	EACH	2	2.00	\$ 4,625.00	\$ 9,250.00
206	15005	CONNECT 1" SERVICE LATERAL (SL5)	EACH	5	5.00	\$ 4,625.00	\$ 23,125.00
207	15005	CONNECT 1" SERVICE LATERAL (SL6)	EACH	2	2.00	\$ 4,500.00	\$ 9,000.00
208	15006	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	1	1.00	\$ 4,600.00	\$ 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	\$	2,356,829.66
Less Retainage	\$	93,750.00
Total	\$	2,263,079.66
Less Previously Paid	\$	2,129,529.05
Total Amount Due	\$	133,550.61

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$133,550.61 be allowed.

Respectfully Submitted,

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

August 3, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 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
Concrete Pavement							
1	1001	TRAFFIC CONTROL	LS	1	0.5	\$142,796.13	\$ 71,398.07
2	1005	DETOUR ROUTE	LS	1	0.5	\$12,551.30	\$ 6,275.65
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	CLEARING	INCH DIA	274	306	\$43.15	\$ 13,203.90
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	12	\$441.10	\$ 5,293.20
11	3101	REMOVE INLET	EACH	37	24	\$401.00	\$ 9,624.00
12	3110	REMOVE PIPE	LF	850	496.8	\$30.08	\$ 14,943.74
13	3200	ABANDON SEWER MANHOLE	EACH	8		\$401.00	\$ -
14	3205	ABANDON PIPE	LF	100	73	\$17.04	\$ 1,243.92
15	3300	REMOVE EXISTING CURB AND GUTTER	LF	8500	1962	\$4.26	\$ 8,358.12
16	3331	REMOVE EXISTING SIDEWALK	SF	57900	9800	\$0.56	\$ 5,488.00
17	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	1800	338	\$2.51	\$ 848.38
18	3650	REMOVE EXISTING ROADWAY	SY	24000	6751	\$3.06	\$ 20,658.06
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	1000	\$49.89	\$ 49,890.00
23	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2000		\$2.13	\$ -
24	4016	GEOTEXTILE GRID TYPE BX1100	SY	2000	533.8	\$2.14	\$ 1,142.33
25	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	11000	3719.43	\$14.35	\$ 53,373.82

26	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	2000	1500.41	\$25.20	\$ 37,810.33
27	5011	PIPE BULKHEAD	EACH	3	4	\$255.64	\$ 1,022.56
28	5050	INTERNAL CHIMNEY SEAL	EACH	36	20	\$733.83	\$ 14,676.60
29	5056	SANITARY LATERAL CLEANOUT	EACH	61	61	\$2,155.38	\$ 131,478.18
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	104.1	\$235.59	\$ 24,524.92
35	5110	10 INCH PVC SANITARY SEWER PIPE	LF	35	32.4	\$253.63	\$ 8,217.61
36	5112	12 INCH PVC SANITARY SEWER PIPE	LF	50	47.4	\$258.65	\$ 12,260.01
37	5115	15 INCH PVC SANITARY SEWER PIPE	LF	20	19.3	\$443.11	\$ 8,552.02
38	5157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	320	388.2	\$165.41	\$ 64,212.16
39	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	2310	2243	\$33.08	\$ 74,198.44
40	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	2210	1864	\$35.09	\$ 65,407.76
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	\$ -
45	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	61	56	\$4,912.25	\$ 275,086.00
46	5351	ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	590	249.2	\$29.57	\$ 7,368.84
47	5400	48 INCH DIA SANITARY MANHOLE	VF	28	18.1	\$701.75	\$ 12,701.68
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	\$ -
52	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	32	23	\$1,002.50	\$ 23,057.50
53	5475	48 INCH DIA STORM MANHOLE	EACH	4	3	\$2,711.76	\$ 8,135.28
54	5481	72 INCH DIA DOGHOUSE STORM MANHOLE	EACH	3	1	\$8,055.09	\$ 8,055.09
55	5484	48 INCH DIA STORM INLET	EACH	6	6	\$3,102.74	\$ 18,616.44
56	5485	2'X3' STORM INLET	EACH	40	26	\$3,132.81	\$ 81,453.06
57	5487	4'X4' STORM INLET	EACH	2	1	\$7,202.97	\$ 7,202.97
58	5508	8 INCH PVC STORM SEWER PIPE	LF	40	32	\$88.22	\$ 2,823.04
59	5512	12 INCH PVC STORM SEWER PIPE	LF	20		\$139.35	\$ -

60	5542	12 INCH RCP STORM SEWER PIPE	LF	660	405.8	\$174.44	\$ 70,787.75
61	5545	15 INCH RCP STORM SEWER PIPE	LF	300	124.6	\$182.46	\$ 22,734.52
62	5548	18 INCH RCP STORM SEWER PIPE	LF	60	56	\$185.46	\$ 10,385.76
63	5557	27 INCH RCP STORM SEWER PIPE	LF	10		\$287.72	\$ -
64	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	17	14	\$1,002.50	\$ 14,035.00
65	5850	CONCRETE COLLAR	EACH	3	5	\$466.16	\$ 2,330.80
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	4430.12	\$103.26	\$ 457,454.19
72	7002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	400	513.7	\$60.15	\$ 30,899.06
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	4759.6	\$61.15	\$ 291,049.54
77	7130	30" CONCRETE CURB & GUTTER	LF	8900	1991.5	\$19.05	\$ 37,938.08
78	7151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	200		\$20.05	\$ -
79	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	280	70	\$70.18	\$ 4,912.60
80	7302	PEDESTRIAN CURB	LF	100	15	\$70.18	\$ 1,052.70
81	7304	4-INCH CONCRETE SIDEWALK	SF	36400	9410.6	\$7.02	\$ 66,062.41
82	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	10200	1145.16	\$8.02	\$ 9,184.18
83	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	11200	4015.2	\$8.02	\$ 32,201.90
84	7700	CONCRETE ROADWAY SMOOTHNESS PROFILING	EA	2		\$1,604.00	\$ -
85	7990	8-INCH CONCRETE SIDEWALK & DRIVE	SF	1630	2035.5	\$8.02	\$ 16,324.71
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	1428.6	\$22.06	\$ 31,514.92
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	1.5	\$4,931.33	\$ 7,397.00
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	0.5	\$1,232.83	\$ 616.42
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	0.5	\$1,232.83	\$ 616.42
139	10989	REMOVE EXISTING VIDEO DETECTION SYSTEM AND ASSOCIATED WIRING, DELAFIELD & MORELAND	LS	1	0.5	\$1,232.83	\$ 616.42
140	10990	TEMPORARY TRAFFIC SIGNAL, DELAFIELD & MORELAND	LS	1	0.25	\$35,619.73	\$ 8,904.93
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	11	\$999.23	\$ 10,991.53
145	11025	PULL BOX - 15-INCH PVC	EACH	12	3	\$623.12	\$ 1,869.36
146	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	18	3	\$876.92	\$ 2,630.76
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	24	\$10.01	\$ 240.24
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	0.5	\$2,465.67	\$ 1,232.84
158	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	51	17	\$246.56	\$ 4,191.52

159	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	28	22	\$123.29	\$ 2,712.38
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	0.50	\$9,603.95	\$ 4,801.98
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	2,040.60	\$4.27	\$ 8,713.36
195	3331	REMOVE EXISTING SIDEWALK	SF	13200	9,180.00	\$0.56	\$ 5,140.80
196	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	50	32.00	\$2.51	\$ 80.32
197	3650	REMOVE EXISTING ROADWAY	SY	3100	3,130.00	\$1.83	\$ 5,727.90
198	4010	SHAPING AND GRADING TO SUBGRADE	LF	1000	974.00	\$81.70	\$ 79,575.80
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	1,532.38	\$20.60	\$ 31,567.03
202	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500	1,189.05	\$26.90	\$ 31,985.45
203	5050	INTERNAL CHIMNEY SEAL	EACH	4	4.00	\$733.83	\$ 2,935.32
204	5056	SANITARY LATERAL CLEANOUT	EACH	35	35.00	\$2,155.38	\$ 75,438.30
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	750.00	\$33.08	\$ 24,810.00
210	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	225	208.00	\$35.09	\$ 7,298.72
211	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	35	8.00	\$4,912.25	\$ 39,298.00
212	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	210	32.90	\$29.57	\$ 972.85
213	5410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	3	2.00	\$1,328.31	\$ 2,656.62
214	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1	1.00	\$541.35	\$ 541.35
215	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4	4.00	\$1,002.50	\$ 4,010.00
216	5475	48 INCH DIA STORM MANHOLE	EACH	2	2.00	\$2,360.89	\$ 4,721.78
217	5484	48 INCH DIA STORM INLET	EACH	2	2.00	\$2,561.39	\$ 5,122.78
218	5485	2'X3' STORM INLET	EACH	4	4.00	\$2,205.50	\$ 8,822.00
219	5542	12 INCH RCP STORM SEWER PIPE	LF	100	91.50	\$108.27	\$ 9,906.71
220	5545	15 INCH RCP STORM SEWER PIPE	LF	520	514.70	\$105.26	\$ 54,177.32
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	3,037.87	\$52.13	\$ 158,364.16
227	7130	30" CONCRETE CURB & GUTTER	LF	2100	2,079.40	\$20.05	\$ 41,691.97
228	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	40	30.00	\$70.18	\$ 2,105.40
229	7302	PEDESTRIAN CURB	LF	100		\$70.18	\$ -
230	7304	4-INCH CONCRETE SIDEWALK	SF	8500	3,977.70	\$7.02	\$ 27,923.45
231	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	4800	4,985.30	\$8.02	\$ 39,982.11
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	\$ -
242	15001	INSTALL 12" WATER MAIN AND FITTINGS	LF	3660	1939	\$120.30	\$ 233,261.70
243	15002	INSTALL 8" WATER MAIN AND FITTINGS	LF	1400	1238	\$126.32	\$ 156,384.16
244	15003	INSTALL 6" WATER MAIN AND FITTINGS	LF	40	35	\$301.75	\$ 10,561.25
245	15004	INSTALL 12" GATE VALVE & BOX	EACH	9	5	\$239.60	\$ 1,198.00
246	15005	INSTALL 8" GATE VALVE & BOX	EACH	6	5	\$239.60	\$ 1,198.00
247	15006	INSTALL 6" GATE VALVE & BOX	EACH	1	1	\$239.60	\$ 239.60
248	15007	INSTALL HYDRANT ASSEMBLY	EACH	8	6	\$2,200.49	\$ 13,202.94
249	15008	CONNECT 3/4" SERVICE LATERAL (SL1)	EACH	7	7	\$2,907.25	\$ 20,350.75
250	15009	CONNECT 1" SERVICE LATERAL (SL2)	EACH	8	8	\$2,907.25	\$ 23,258.00
251	15010	CONNECT 3/4" SERVICE LATERAL (SL3)	EACH	5	5	\$3,408.50	\$ 17,042.50
252	15011	CONNECT 1" SERVICE LATERAL (SL4)	EACH	11	12	\$3,408.50	\$ 40,902.00
253	15012	CONNECT 1" SERVICE LATERAL (SL5)	EACH	1	1	\$2,907.25	\$ 2,907.25
254	15013	CONNECT 1-1/4" SERVICE LATERAL (SL6)	EACH	1	1	\$2,907.25	\$ 2,907.25
255	15014	CONNECT 3/4" SERVICE LATERAL (SL7)	EACH	1	1	\$4,611.50	\$ 4,611.50
256	15015	CONNECT 2" SERVICE LATERAL (SL8)	EACH	2	2	\$5,213.00	\$ 10,426.00
257	15016	CONNECT 1-1/4" SERVICE LATERAL (SL9)	EACH	2	2	\$4,511.25	\$ 9,022.50
258	15017	CONNECT 1" SERVICE LATERAL (SL 10)	EACH	1	1	\$4,511.25	\$ 4,511.25
259	15018	CONNECT 1" SERVICE LATERAL (SL 11)	EACH	14	5	\$4,611.50	\$ 23,057.50
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	1	\$5,714.25	\$ 5,714.25
263	15022	CONNECT 4" SERVICE LATERAL (SL 15)	EACH	2	4	\$7,408.48	\$ 29,633.92
264	15023	CONNECT 8" SERVICE LATERAL (SL 16)	EACH	1	1	\$5,353.35	\$ 5,353.35
265	15024	ABANDON EXISTING HYDRANT	EACH	10	2	\$810.02	\$ 1,620.04
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	\$ 3,617,484.38
Less Retainage	\$ 180,874.22
Total	<u>\$ 3,436,610.16</u>
Less Previously Paid	\$ 3,120,331.11
Total Amount Due	<u>\$ 316,279.05</u>

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$316,279.05 be allowed.

Respectfully Submitted.

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

August 3, 2023

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Wolf Paving Co., Inc., 1320 Walnut Ridge Dr., Ste. 100, Hartland, WI 53029 for 2023 Asphalt Street Resurfacing and Utility Improvements project.

Contract No. 4297

CONTRACT DATE: April 28, 2023

Contract Amount: \$ 3,646,062.01

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
PROJECT LOCATION #1 - S UNIVERITY DR, CARRIAGE DR, JOELLEN DR, ERIN LN, AMERICAN AVE, STEWART HILL DR, CAMBRIDGE AVE							
1	1001	TRAFFIC CONTROL	LS	1	0.40	\$ 42,000.00	\$ 16,800.00
2	2003	EROSION BALES	EACH	15		\$ 15.00	\$ -
3	2005	INLET PROTECTION	EACH	40	34	\$ 85.00	\$ 2,890.00
4	3100	REMOVE SEWER MANHOLE	EACH	1		\$ 6,352.71	\$ -
5	3101	REMOVE INLET	EACH	15	16	\$ 727.76	\$ 11,644.16
6	3300	REMOVE EXISTING CURB AND GUTTER	LF	2,100	1,333.0	\$ 8.00	\$ 10,664.00
7	3110	REMOVE PIPE	LF	50	42	\$ 103.81	\$ 4,360.02
8	3331	REMOVE EXISTING SIDEWALK	SF	20,000	13,786.2	\$ 1.10	\$ 15,164.82
9	3500	SAWCUTTING AT PAVEMENT LIMITS	LF	350	326.8	\$ 1.95	\$ 637.26
10	3990	REMOVE AND DELIVER EXISTING BUS SHELTER	LS	1	1	\$ 2,000.00	\$ 2,000.00
11	4005	ROCK EXCAVATION	CY	600		\$ 5.91	\$ -
12	4012	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	18,000		\$ 1.00	\$ -
13	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	100		\$ 7.00	\$ -
14	4016	GEOTEXTILE GRID TYPE BX1100	SY	100	406.6	\$ 7.00	\$ 2,846.20
15	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,000	1,426.10	\$ 17.00	\$ 24,243.70
16	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,000	1,849.1	\$ 38.00	\$ 70,265.80
17	5011	PIPE BULKHEAD	EACH	2		\$ 2,311.07	\$ -
18	5042	SANITARY SEWER INSIDE DROP	EACH	2		\$ 4,788.30	\$ -
19	5050	INTERNAL CHIMNEY SEAL	EACH	48		\$ 551.87	\$ -
20	5056	SANITARY LATERAL CLEANOUT	EACH	12	19	\$ 1,875.00	\$ 35,625.00
21	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	12		\$ 350.00	\$ -
22	5075	SANITARY SEWER SPOT REPAIR	EACH	2		\$ 9,948.49	\$ -
23	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	3	1	\$ 6,800.77	\$ 6,800.77
24	5080	SANITARY LATERAL REINSTATEMENT	EACH	28		\$ 75.00	\$ -
25	5108	8 INCH PVC SANITARY SEWER PIPE	LF	720		\$ 251.60	\$ -

26	5157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	280		\$ 227.75	\$ -
27	5174	4 INCH SANITARY SEWER RISER	VF	30		\$ 227.00	\$ -
28	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	1,210		\$ 37.00	\$ -
29	5309	10 INCH CIPP SANITARY SEWER PIPE	LF	1,635		\$ 35.00	\$ -
30	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	12		\$ 4,350.00	\$ -
31	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM	LF	180		\$ 5.00	\$ -
32	5400	48 INCH DIA SANITARY MANHOLE	VF	45		\$ 642.33	\$ -
33	5405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	15		\$ 1,076.61	\$ -
34	5415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	4		\$ 1,450.00	\$ -
35	5420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	9		\$ 1,052.54	\$ -
36	5425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EACH	2		\$ 950.00	\$ -
37	5426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GALLO N	40		\$ 12.00	\$ -
38	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER	EACH	38	7	\$ 643.25	\$ 4,502.75
39	5433	SANITARY MANHOLE CONE, CHIMNEY, FRAME & COVER REPLACEMENT	EACH	6	7	\$ 3,354.19	\$ 23,479.33
40	5484	60 INCH DIA STORM INLET	EACH	1	1	\$ 8,435.56	\$ 8,435.56
41	5484	48 INCH DIA STORM INLET	EACH	3	3	\$ 3,781.11	\$ 11,343.33
42	5485	2'X3' STORM INLET	EACH	11	12	\$ 2,292.10	\$ 27,505.20
43	5542	12 INCH RCP STORM SEWER PIPE	LF	50	42	\$ 206.51	\$ 8,673.42
44	5681	STORM INLET ADJUSTMENT	EACH	11	12	\$ 603.98	\$ 7,247.76
45	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4	4	\$ 1,595.83	\$ 6,383.32
46	5850	CONCRETE COLLAR	EACH	2	1	\$ 2,311.07	\$ 2,311.07
47	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3,750		\$ 2.85	\$ -
48	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	71		\$ 450.00	\$ -
49	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	870		\$ 4.50	\$ -
50	5990	STORM INLET LINING	EACH	7		\$ 1,525.00	\$ -
51	6100	EXTRA BAGS OF CEMENT	EACH	25		\$ 20.00	\$ -
52	6500	TYPE A SLURRY	CY	50		\$ 219.53	\$ -
53	7130	30" CONCRETE CURB & GUTTER	LF	2,100	1,123.3	\$ 40.00	\$ 44,932.00
54	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	490	260	\$ 35.00	\$ 9,100.00
55	7302	PEDESTRIAN CURB	LF	150	98.8	\$ 30.00	\$ 2,964.00
56	7304	4-INCH CONCRETE SIDEWALK	SF	17,250	9,270.0	\$ 6.00	\$ 55,620.00
57	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	2,000	1,423.43	\$ 6.90	\$ 9,821.65
58	7307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	750	662.2	\$ 7.60	\$ 5,032.72
59	8010	MILL EXISTING ASPHALT ROADWAY	SY	18,000	14,847.6	\$ 3.65	\$ 54,193.74

60	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	24,100		\$ 2.09	\$ -
61	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	24,100		\$ 0.10	\$ -
62	8050	HMA PAVEMENT TEMPORARY PATCHING	SY	100		\$ 33.00	\$ -
63	8065	HMA PAVEMENT PATCHING	SY	2,000		\$ 19.00	\$ -
64	8103	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	4,500		\$ 64.46	\$ -
65	8105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	5,100		\$ 71.52	\$ -
66	8310	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	100		\$ 110.00	\$ -
67	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	14		\$ 2.75	\$ -
68	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	1,245		\$ 5.50	\$ -
69	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	811		\$ 4.25	\$ -
70	12206	PAVEMENT MARKING EPOXY, LINE, 18-INCH	LF	192		\$ 12.75	\$ -
71	12216	PAVEMENT MARKING EPOXY, SYMBOL	EACH	1		\$ 95.00	\$ -
72	13001	REMOVE SIGNS AND POSTS	EACH	12		\$ 50.00	\$ -
73	13002	REMOVE SIGN	EACH	11		\$ 35.00	\$ -
74	13005	REMOVE, STORE AND RE-INSTALL SIGNS AND POSTS	EACH	8		\$ 315.00	\$ -
75	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	1		\$ 400.00	\$ -
76	13300	MOVE SIGN	EACH	3		\$ 285.00	\$ -
77	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$ 6.35	\$ -
78	14005	TOPSOIL & SOD	SY	1,770		\$ 9.40	\$ -

PROJECT LOCATION #2 - RICHARD ST & DEBBIE DR FROM S WEST AVE TO S GRAND AVE							
79	1001	TRAFFIC CONTROL	LS	1	0.40	\$ 16,500.00	\$ 6,600.00
80	2003	EROSION BALES	EACH	15		\$ 15.00	\$ -
81	2005	INLET PROTECTION	EACH	21	15	\$ 85.00	\$ 1,275.00
82	3101	REMOVE INLET	EACH	3		\$ 1,596.29	\$ -
83	3300	REMOVE EXISTING CURB AND GUTTER	LF	300		\$ 8.00	\$ -
84	3331	REMOVE EXISTING SIDEWALK	SF	1,100		\$ 1.10	\$ -
85	4015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	100		\$ 7.00	\$ -
86	4016	GEOTEXTILE GRID TYPE BX1100	SY	100		\$ 7.00	\$ -
87	4020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	300		\$ 19.00	\$ -
88	4503	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	100		\$ 52.00	\$ -
89	5050	INTERNAL CHIMNEY SEAL	EACH	14		\$ 625.39	\$ -
90	5056	SANITARY LATERAL CLEANOUT	EACH	51		\$ 1,875.00	\$ -
91	5074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	51		\$ 350.00	\$ -

92	5075	SANITARY SEWER SPOT REPAIR	EACH	2		\$ 9,846.51	\$ -
93	5076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	3		\$ 9,365.88	\$ -
94	5080	SANITARY LATERAL REINSTATEMENT	EACH	51		\$ 75.00	\$ -
95	5308	8 INCH CIPP SANITARY SEWER PIPE	LF	2,645		\$ 37.00	\$ -
96	5350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	51		\$ 4,350.00	\$ -
97	5351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM	LF	360		\$ 5.00	\$ -
98	5415	REHABILITATE STORM MANHOLE W/ CEMENTITIOUS LINER	EACH	2		\$ 1,600.00	\$ -
99	5432	SANITARY MANHOLE CHIMNEY, FRAME & COVER	EACH	11		\$ 969.91	\$ -
100	5433	SANITARY MANHOLE CONE, CHIMNEY, FRAME & COVER REPLACEMENT	EACH	3		\$ 3,611.56	\$ -
101	5485	2'X3' STORM INLET	EACH	3		\$ 2,894.16	\$ -
102	5679	STORM INLET BENCH / INVERT / TROUGH WORK - MINOR	EACH	1		\$ 3,957.92	\$ -
103	5681	STORM INLET ADJUSTMENT	EACH	12		\$ 577.13	\$ -
104	5695	STORM MANHOLE CHIMNEY, FRAME & COVER REPLACEMENT	EACH	4		\$ 1,519.44	\$ -
105	5951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	2,645		\$ 2.85	\$ -
106	5952	SANITARY SEWER LATERAL TELEVISIONING	EACH	105		\$ 450.00	\$ -
107	5955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,250		\$ 4.50	\$ -
108	5990	STORM INLET LINING	EACH	3		\$ 1,650.00	\$ -
109	6100	EXTRA BAGS OF CEMENT	EACH	20		\$ 20.00	\$ -
110	6500	TYPE A SLURRY	CY	250		\$ 118.00	\$ -
111	7130	30" CONCRETE CURB & GUTTER	LF	750		\$ 40.00	\$ -
112	7301	CURB RAMP DETECTABLE WARNING FIELDS	SF	220		\$ 35.00	\$ -
113	7302	PEDESTRIAN CURB	LF	100		\$ 30.00	\$ -
114	7304	4-INCH CONCRETE SIDEWALK	SF	10,150		\$ 6.00	\$ -
115	7306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	850		\$ 6.90	\$ -
116	8012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	8,800		\$ 2.41	\$ -
117	8020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	8,800		\$ 0.20	\$ -
118	8050	HMA PAVEMENT TEMPORARY PATCHING	SY	100		\$ 33.00	\$ -
119	8065	HMA PAVEMENT PATCHING	SY	500		\$ 23.61	\$ -
120	8103	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	500		\$ 77.00	\$ -
121	8105	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	1,200		\$ 74.00	\$ -
122	13001	REMOVE SIGNS AND POSTS	EACH	2		\$ 50.00	\$ -
123	13005	REMOVE, STORE AND RE-INSTALL SIGNS AND POSTS	EACH	2		\$ 315.00	\$ -
124	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	100		\$ 6.35	\$ -
125	14005	TOPSOIL & SOD	SY	430		\$ 9.40	\$ -

126	15001	INSTALL 8-INCH WATER MAIN AND FITTINGS	LF	3,120	2,974.5	\$ 110.20	\$ 327,789.90
127	15002	INSTALL 8-INCH GATE VALVES AND VALVE BOXES	EACH	11	11	\$ 1,127.92	\$ 12,407.12
128	15003	INSTALL HYDRANT ASSEMBLY	EACH	5	5	\$ 4,453.88	\$ 22,269.40
129	15004	CONNECT 1-INCH SERVICE LATERAL (NOTED ON DRAWINGS AS SL 1)	EACH	22	1	\$ 3,096.55	\$ 3,096.55
130	15005	CONNECT 1-INCH SERVICE LATERAL (NOTED ON DRAWINGS AS SL 2)	EACH	3	1	\$ 5,331.72	\$ 5,331.72
131	15006	CONNECT 1-INCH SERVICE LATERAL (NOTED ON DRAWINGS AS SL 3)	EACH	27	2	\$ 3,717.85	\$ 7,435.70
132	15007	ABANDON EXISTING HYDRANTS	EACH	3		\$ 1,630.20	\$ -
133	15008	ABANDON EXISTING VALVE BOXES	LS	1		\$ 3,813.25	\$ -
134	15009	ADJUST EXISTING VALVE BOXES	EACH	20		\$ 336.37	\$ -
135	15010	RECONSTRUCT EXISTING VALVE BOXES	EACH	50		\$ 258.59	\$ -
135A	4990	WATERMAIN TRENCH PREPARATION	LF	3,700		\$ 4.20	\$ -

Total \$ 871,692.97

Less Retainage \$ 43,584.65

Total \$ 828,108.32

Less Previously Paid \$ 201,536.71

Total Amount Due \$ 626,571.61

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$626,571.61 be allowed.

Respectfully Submitted,



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