

September 17, 2020

SUMMARY TABLE FOR PARTIAL PAYMENTS

1.	Advance Construction, Inc., for Roberta Avenue and Tenny Avenue Utility and Street Improvements	\$26,575.85
2.	All-Ways Contractors, Inc. for Alley #32 (Newhall, Scott, Wilson, Grand) and #31 (Wilson, Newhall, Grand, Garfield) Reconstruction	\$47,586.33
3.	Crowley Construction Corp. for 2020 Centerline And Miscellaneous Marking.	\$12,170.38
4.	H&H Civil Construction, LLC for Artificial Turf Installation At Frame And Mindiola Parks	\$359,224.87
5.	J&A Pohl, Inc. for Concrete Pavement Patching & Concrete Sawing	\$9,010.85
6.	Mudtech, LLC for Meadowview Park Bridge.....	\$62,635.13
7.	State Contractors, Inc. for Concrete Sidewalk Replacement - City Wide	\$84,880.60
8.	State Contractors, Inc. for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement.	\$129,796.15
9.	Stuckey Construction Co., Inc. for Buchner Park Community Pool And Building	\$440,800.00
10.	Super Excavators, Inc., for Greenmeadow Sanitary Interceptor Sewer.....	\$278,693.08
11.	Wil-Surge Electric, Inc., for Mindiola And Buchner Parks Install City Furnished Musco Lighting Units	\$44,773.50
12.	Wolf Paving, Inc. for 2020 Resurfacing And Area 1 And 2 Flood Mitigation.	\$195,784.27

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54313 for
Roberta Avenue And Tenny Avenue Utility And Street Improvements.

Contract No. #4158

CONTRACT DATE: April 9, 2020

Original \$ 1,880,713.25

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 55,000.00	\$ 55,000.00
2	02002	SILT FENCE	LF	300		\$ 2.50	\$ -
3	02003	EROSION BALES	EACH	30		\$ 10.00	\$ -
4	02005	INLET PROTECTION	EACH	15	8.00	\$ 100.00	\$ 800.00
5	03200	ABANDON SEWER MANHOLE	EACH	1	1.00	\$ 3,500.00	\$ 3,500.00
6	03300	REMOVE EXISTING CURB AND GUTTER	LF	2,500	2,467.70	\$ 5.00	\$ 12,338.50
7	03331	REMOVE EXISTING SIDEWALK	SF	9,100	11,171.50	\$ 0.75	\$ 8,378.63
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	300	265.70	\$ 2.25	\$ 597.83
9	03600	REMOVE EXISTING CONCRETE ROADWAY	SY	7,000	6,995.47	\$ 6.75	\$ 47,219.42
10	03650	REMOVE EXISTING ROADWAY	SY	4,750	4,294.50	\$ 6.50	\$ 27,914.25
11	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,200	1,122.00	\$ 50.00	\$ 56,100.00
12	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,100	132.00	\$ 1.90	\$ 250.80
13	04016	GEOTEXTILE GRID TYPE BX1100	SY	1,100	3,206.09	\$ 1.90	\$ 6,091.57
14	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,500	5,040.97	\$ 15.00	\$ 75,614.55
15	04120	SLURRY BACKFILL	CY	250		\$ 100.00	\$ -
16	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	1,000	1,852.47	\$ 22.50	\$ 41,680.58
17	04990	FINE GRADING OF ROADWAY BASE (PAVEMENT REPLACEMENT AREA)	LF	1,600	1,522.00	\$ 9.25	\$ 14,078.50
18	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,500	598.43	\$ 23.00	\$ 13,763.89
19	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT (APPROX. 13 VERT. FT.)	EACH	11	12.00	\$ 1,200.00	\$ 14,400.00

20	05050	INTERNAL CHIMNEY SEAL	EACH	11		\$ 411.00	\$ -
21	05056	SANITARY LATERAL CLEANOUT	EACH	36	32.00	\$ 1,610.00	\$ 51,520.00
22	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	36		\$ 268.00	\$ -
23	05075	SANITARY SEWER SPOT REPAIR	EACH	2	2.14	\$ 3,500.00	\$ 7,500.00
24	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 3,000.00	\$ -
25	05080	SANITARY LATERAL REINSTATEMENT	EACH	33		\$ 75.00	\$ -
26	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	3		\$ 525.00	\$ -
27	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	3,215	2,332.00	\$ 23.25	\$ 54,219.00
28	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	33		\$ 3,325.00	\$ -
29	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	400		\$ 53.50	\$ -
30	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 32 VERT. FT.)	EACH	3		\$ 1,600.00	\$ -
31	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	3		\$ 1,000.00	\$ -
32	05680	STORM SEWER INLET REPAIR	VF	4	0.33	\$ 2,000.00	\$ 660.00
33	05681	STORM SEWER INLET ADJUSTMENT	EACH	2	2.00	\$ 500.00	\$ 1,000.00
34	05692	STORM SEWER MANHOLE REPAIR	VF	6	5.40	\$ 200.00	\$ 1,080.00
35	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	3	3.00	\$ 1,200.00	\$ 3,600.00
36	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3,215		\$ 1.80	\$ -
37	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	72	36.00	\$ 215.00	\$ 7,740.00
38	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	725		\$ 4.01	\$ -
39	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE	EACH	3		\$ 2,785.00	\$ -
40	06100	EXTRA BAGS OF CEMENT	EA	25		\$ 10.00	\$ -
41	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	200		\$ 82.75	\$ -
42	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	750	236.30	\$ 39.00	\$ 9,215.70

43	07008	8-INCH CONCRETE PAVEMENT	SY	11,250	7,600.00	\$ 39.65	\$ 301,340.00
44	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	2,400	3,213.40	\$ 23.60	\$ 75,836.24
45	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	50	118.30	\$ 15.00	\$ 1,774.50
46	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	168	176.00	\$ 40.00	\$ 7,040.00
47	07302	PEDESTRIAN CURB	LF	100	76.67	\$ 27.00	\$ 2,070.09
48	07304	4-INCH CONCRETE SIDEWALK	SF	6,000	5,574.27	\$ 5.40	\$ 30,101.06
49	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,750	4,569.65	\$ 6.00	\$ 27,417.90
50	07990	DRILLED TIE BARS	LF	2,500	1,808.50	\$ 2.80	\$ 5,063.80
51	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	50	43.71	\$ 135.00	\$ 5,900.85
52	08205	HMA PAVEMENT TYPE 5 LT 58 28 S	TON	35	43.71	\$ 150.00	\$ 6,556.50
53	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	5		\$ 195.00	\$ -
54	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	575	464.00	\$ 5.35	\$ 2,482.40
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	225	199.00	\$ 9.25	\$ 1,840.75
56	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	125	102.00	\$ 16.25	\$ 1,657.50
57	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	2	2.00	\$ 265.00	\$ 530.00
58	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	1	1.00	\$ 265.00	\$ 265.00
59	14005	TOPSOIL & SOD	SY	2,500	2,476.00	\$ 8.95	\$ 22,160.20
60	15001	12" WATER MAIN AND FITTINGS	LF	2,440	2,459.00	\$ 111.00	\$ 272,949.00
61	15002	8" WATER MAIN AND FITTINGS	LF	280	256.00	\$ 180.00	\$ 46,080.00
62	15003	12" GATE VALVE AND BOX	EACH	5	5.00	\$ 2,761.00	\$ 13,805.00
63	15004	8" GATE VALVE AND BOX	EACH	4	4.00	\$ 1,600.00	\$ 6,400.00
64	15005	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	6	6.00	\$ 6,444.00	\$ 38,664.00
65	15005	CONNECT 1" COPPER SERVICE LATERAL (SL1)	EACH	13	13.00	\$ 2,115.00	\$ 27,495.00
66	15006	CONNECT 1" COPPER SERVICE LATERAL (SL2)	EACH	6	6.00	\$ 2,524.00	\$ 15,144.00

67	15007	CONNECT 1" COPPER SERVICE LATERAL (SL3)	EACH	5	5.00	\$ 3,932.00	\$ 19,660.00
68	15008	CONNECT 1" COPPER SERVICE LATERAL (SL4)	EACH	2	2.00	\$ 6,971.00	\$ 13,942.00
69	15009	CONNECT 1-1/4" COPPER SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 2,470.00	\$ 2,470.00
70	15010	CONNECT 6" SERVICE LATERAL (SL6)	EACH	2	2.00	\$ 7,000.00	\$ 14,000.00
71	15011	ABANDON EXISTING HYDRANT	EACH	6	6.00	\$ 700.00	\$ 4,200.00
72	15012	ABANDON VALVE BOXES AND MANHOLES	LS	1	1.00	\$ 4,500.00	\$ 4,500.00

Total \$ 1,485,609.01

Less Retainage \$ 47,017.83

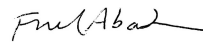
Total \$ 1,438,591.18

Less Previously Paid \$ 1,412,015.33

Total Amount Due \$ 26,575.85

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$26,575.85 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 to All-Ways Contractors, Inc., P. O. Box 798, Elm Grove, WI 53122 for Alley #32 (Newhall, Scott, Wilson, Grand) and #31 (Wilson, Newhall, Grand, Garfield) Reconstruction.

Contract No. #4162

CONTRACT DATE: 4/9/2020

Original \$ 266,852.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$ 1,950.00	\$ 1,462.50
2	02002	SILT FENCE	LF	150		\$ 1.50	\$ -
3	02003	EROSION BALES	EACH	20		\$ 10.00	\$ -
4	02005	INLET PROTECTION	EACH	8	2	\$ 50.00	\$ 100.00
5	03011	CLEARING	STA	4	3	\$ 550.00	\$ 1,650.00
6	03012	GRUBBING	STA	4		\$ 550.00	\$ -
7	03331	REMOVE EXISTING SIDEWALK	SF	8,400	6000	\$ 1.50	\$ 9,000.00
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	1,100	700	\$ 2.15	\$ 1,505.00
9	03650	REMOVE EXISTING ROADWAY	SY	2,200	1800	\$ 6.65	\$ 11,970.00
10	03990	REMOVE EXISTING RETAINING WALL	LF	60	40	\$ 22.70	\$ 908.00
11	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,250	1,100	\$ 15.40	\$ 16,940.00
12	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500		\$ 2.50	\$ -
13	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 2.50	\$ -
14	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1,400	1,200	\$ 19.35	\$ 23,220.00
15	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	400	60	\$ 32.75	\$ 1,965.00
16	04991	CRUSHED STONE DRIVEWAY	TON	25		\$ 45.00	\$ -
17	05680	STORM SEWER INLET REPAIR	VF	2		\$ 490.00	\$ -
18	05681	STORM SEWER INLET ADJUSTMENT	EACH	1	1	\$ 335.00	\$ 335.00
19	05692	STORM SEWER MANHOLE REPAIR	VF	2		\$ 490.00	\$ -
20	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	1	1	\$ 980.00	\$ 980.00
21	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	350		\$ 8.40	\$ -
22	06100	EXTRA BAGS OF CEMENT	EA	10		\$ 20.00	\$ -
23	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	125	50	\$ 40.00	\$ 2,000.00
24	07302	PEDESTRIAN CURB	LF	50		\$ 40.00	\$ -
25	07304	4-INCH CONCRETE SIDEWALK	SF	250	125	\$ 5.00	\$ 625.00

26	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,000		\$ 7.00	\$ -
27	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	1,000	500	\$ 7.50	\$ 3,750.00
28	07990	7-INCH CONCRETE ALLEY PAVEMENT	SY	2,200	1,650	\$ 40.00	\$ 66,000.00
29	08203	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	10		\$ 175.00	\$ -
30	08205	HMA PAVEMENT TYPE 5 LT 58-28 S	TON	10		\$ 175.00	\$ -
31	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	150		\$ 175.00	\$ -
32	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	300		\$ 15.80	\$ -

Total \$ 142,410.50

Less Retainage \$ 6,671.30

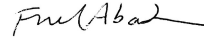
Total \$ 135,739.20

Less Previously Paid \$ 88,152.87

Total Amount Due \$ 47,586.33

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$47,586.33 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to *Crowley Construction Corp.*, 1353 N. 68th Street, Wauwatosa, WI 53213 for
2020 Centerline And Miscellaneous Marking.

Contract No. # 4177

CONTRACT DATE: May 29, 2020

Original \$ 30,458.60
CCO 1 (\$5,985.00) \$ 24,473.60

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1		PAVEMENT MARKING PAINT, LINE, 4-INCH YELLOW	LF	66355	58101	\$ 0.22	\$ 12,782.22
2		PAVEMENT MARKING PAINT, LINE, 4-INCH WHITE	LF	36775		\$ 0.22	\$ -
3		PAVEMENT MARKING REMOVAL (AREA)	S.F.	1200		\$ 6.30	\$ -
4		PAVEMENT MARKING PAINT, SYMBOL, WHITE, STRAIGHT ARROW	EA	1		\$ 85.00	\$ -
5		PAVEMENT MARKING PAINT, SYMBOL, WHITE, STRAIGHT & LEFT ARROW	EA	1		\$ 125.00	\$ -

Total \$ 12,782.22

Less Retainage \$ 611.84

Total \$ 12,170.38

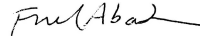
Less

Previously Paid

Total Amount Due \$ 12,170.38

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$12,170.38 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 to H & H Civil Construction, LLC, 21110 Main Street, Collins, WI 54207 for Artificial Turf Installation At Frame And Mindiola Parks.

Contract No. #4172

CONTRACT DATE: May 15, 2020

Original

\$ 2,468,945.14

Line No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
FRAME PARK BASEBALL FIELD BASE BID Items						
1	Mobilization	1	LS	1	\$ 99,400.00	\$ 99,400.00
2	Construction Fencing	900	LF	900	\$ 4.00	\$ 3,600.00
3	Silt Fence	634	LF	634	\$ 3.42	\$ 2,168.28
4	Stone Construction Entrance	1	EA	1	\$ 5,000.00	\$ 5,000.00
5	Inlet Protection	1	EA	1	\$ 150.00	\$ 150.00
6	Remove Existing Storm Sewer	417	LF	417	\$ 16.00	\$ 6,672.00
7	10" Storm Sewer Connection to Field Drainage	231	LF	231	\$ 24.00	\$ 5,544.00
8	Earthwork	1	LS	1	\$ 71,000.00	\$ 71,000.00
9	Left Field Drain Tile and Clear Stone Trench	474	LF	474	\$ 28.00	\$ 13,272.00
10	Irrigation adjustments (Allowance)	1	LS	1	\$ 15,000.00	\$ 15,000.00
11	27" RCP Storm Sewer	417	LF	417	\$ 74.00	\$ 30,858.00
12	48" Storm Sewer Manhole	2	EA	2	\$ 3,800.00	\$ 7,600.00
13	Synthetic Turf: all items required above subgrade for installation of synthetic turf including: concrete curb and nailer, base aggregate, drain tile within turf extents and geotextile liner	44,936	SF	15,936	\$ 8.05	\$ 128,284.80
14	Modular Block Retaining Wall	126	FF	126	\$ 50.00	\$ 6,300.00
15	Chain Link Fence (4') (Black Polymer Coated)	285	LF	215	\$ 29.00	\$ 6,235.00
16	Chain Link Fence (8') (Black Polymer Coated)	938	LF	705	\$ 44.83	\$ 31,605.15
17	Chain Link Fence (16') (Black Polymer Coated)	152	LF	114	\$ 119.75	\$ 13,651.50
18	20' Wide (8') Fence Gate (Black Polymer Coated, double swing)	2	EA	1	\$ 2,300.00	\$ 2,300.00
19	8' Wide (8') Fence Gate (Black polymer coated, double swing)	1	EA	1	\$ 1,680.00	\$ 1,680.00
20	8' Wide (4') Fence Gate (Black Polymer Coated, double swing)	3	EA	2	\$ 1,400.00	\$ 2,800.00

21	4' Wide (4') Fence Gate (Black Polymer Coated	2	EA	1	\$ 1,005.00	\$ 1,005.00
22	Foul Pole Installation	2	EA	2	\$ 1,800.00	\$ 3,600.00
23	Dugout Installation	2	EA		\$ 7,275.00	\$ -
24	Dugout Concrete Pads	736	SF	662	\$ 13.50	\$ 8,937.00
25	Dugout Railings	2	EA		\$ 6,000.00	\$ -
26	Existing Backstop Netting Adjustments	1	LS		\$ 3,500.00	\$ -
27	Warning Track Material	106	TONS	106	\$ 350.00	\$ 37,100.00
28	Outfield Turfgrass Restoration - Sod	3,134	SY		\$ 6.00	\$ -
29	Turfgrass Restoration - Seed, Fertilizer and Mulch	750	SY		\$ 4.50	\$ -
30	Bases	2	EA	2	\$ 630.00	\$ 1,260.00
31	Base Jewels	2	EA	2	\$ 137.00	\$ 274.00
32	Home Plate	7	EA	7	\$ 323.00	\$ 2,261.00
33	Base Anchors	10	EA	10	\$ 149.00	\$ 1,490.00
34	Portable Mound	1	LS		\$ 18,100.00	\$ -
35	Pitching Rubber	6	EA	6	\$ 260.00	\$ 1,560.00
36	Batting Cages	1	EA		\$ 23,650.00	\$ -
37	Fence Cap	12	EA		\$ 425.00	\$ -
38	Outfield Distance Markers	20	EA		\$ 196.00	\$ -
39	Dugouts	2	EA	2	\$ 53,000.00	\$ 106,000.00
40	Benches	6	EA		\$ 2,900.00	\$ -
41	Stand Up Cubby	2	EA		\$ 7,000.00	\$ -
42	Coat Rack and Shelf	4	EA		\$ 875.00	\$ -
43	Padding and Netting for Dugout Railing	2	LS		\$ 3,700.00	\$ -
44	Remove Existing Sidewalk	95	SF		\$ 15.00	\$ -
45	Concrete Sidewalk	95	SF		\$ 12.00	\$ -
46	Apron Endwall with Grate	1	EA		\$ 800.00	\$ -
47	Medium Rip-Rap	40	SF		\$ 47.00	\$ -
Mindiola Park Soccer Field Base Bid Items						
48	Mobilization	1	LS		\$ 120,380.00	\$ -
49	Construction Fencing	1,850	LF		\$ 4.00	\$ -
50	Silt Fence	990	LF		\$ 3.50	\$ -

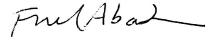
51	Stone Construction Entrance	1	EA		\$ 5,000.00	\$ -
52	Inlet Protection	2	EA		\$ 150.00	\$ -
53	Temporary Ditch Check	3	EA		\$ 250.00	\$ -
54	12" Storm Sewer Connection to Field Drainage System	70	LF		\$ 28.00	\$ -
55	Apron Endwall with Grate	2	EA		\$ 500.00	\$ -
56	Medium Rip-Rap	64	SF		\$ 30.00	\$ -
57	Landfill Collection System "Adjustments"	1	LS		\$ 5,000.00	\$ -
58	Strip and Stockpile Topsoil	10,531	SY		\$ 3.50	\$ -
59	Fill Material	9,986	CY		\$ 21.00	\$ -
60	Fine Grading	1	LS		\$ 18,000.00	\$ -
61	Excavation Below Subgrade	500	CY		\$ 48.00	\$ -
62	Synthetic Turf: all items required above subgrade for installation of synthetic turf including: concrete curb and nailer, base aggregate, drain tile within turf extents and geotextile liner	94,773	SF		\$ 5.78	\$ -
63	6" x 10' LF Sch 40 PVC Drain Pipe	2	EA		\$ 439.00	\$ -
64	Concrete Surfaces	616	SF		\$ 7.00	\$ -
65	Chain Link Fence (4' Ht) (Galvanized)	203	LF		\$ 14.30	\$ -
66	Chain Link Fence (8' Ht) (Galvanized)	1,297	LF		\$ 19.99	\$ -
67	20' Wide Fence Gate (8' Ht) (Galvanized)	1	EA		\$ 1,380.00	\$ -
68	10' Wide Fence Gate (4' Ht) (Galvanized)	1	EA		\$ 1,020.00	\$ -
69	10' Wide Fence Gate (8' Ht) (Galvanized)	1	EA		\$ 1,165.00	\$ -
70	4' Wide Fence Gate (8' Ht) (Galvanized)	3	EA		\$ 684.00	\$ -
71	Turfgrass Restoration - Seed, Fertilizer and Mulch	10,224	SY		\$ 3.60	\$ -
72	Goals and Corner Flag Anchors Installation	1	LS		\$ 7,080.00	\$ -
73	Backstop Net System - Behind Goals (20' x 90')	2	EA		\$ 12,000.00	\$ -
74	Corner Flags (Championship Field)	1	EA		\$ 380.00	\$ -
75	Com Box	1	EA		\$ 1,800.00	\$ -
1	Add Synthetic Turf to all playing surfaces at Frame Park per Sec.01 23 00	77,803	SF		\$ 4.25	\$ -
2	Add black color polymer coating finish in lieu of galvanized finish for all chain link fence (for the 6' and 4' fencing) per Sec. 01 23 00	1	LS		\$ 11,220.00	\$ -
3	Add 8' Galvanized Chain Link Fence in lieu of 6' Chain Link Fence (Can not be accepted with Alt. No. 2, unless Alt. No. 4 is also accepted) per Sec. 01 23 00	1	LS		\$ 6,500.00	\$ -

4	Add black color polymer coating for an additional 2' height of chain link fencing. (Contingent on acceptance of alternates No. 2 and No. 3) per Sec 01 23 00	1	LS	\$ 4,000.00	\$ -
---	--	---	----	-------------	------

Total	\$ 616,607.73
Less Retainage	\$ 30,830.39
Total	\$ 585,777.34
Less Previously Paid	\$ 226,552.47
Total Amount Due	\$ 359,224.87

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$359,224.87 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
 Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for (FINAL) Payment No. 5 to J&A Pohl, Inc. , 17080 Pheasant Dr., Brookfield, WI 53005 for Concrete Pavement Patching & Concrete Sawing.

Contract No. #4156

CONTRACT DATE: March 3, 2020

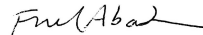
Original \$ 317,550.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	07208	8-Inch Concrete Pavement Patching	Sq. Ft.	32,500	33,918.12	\$ 7.10	\$ 240,818.65
2	07258	8-Inch Concrete Pavement Patching with HMA Overlay	Sq. Ft.	4,000	2,410.74	\$ 15.00	\$ 36,161.10
3	03501	Saw Full Depth	Lin Ft.	10,000	9,095.10	\$ 1.60	\$ 14,552.16
4	07002	Lin. Ft. of Concrete Curb and Gutter Replacement	Lin. Ft.	200	340.7	\$ 35.50	\$ 12,094.85
5	07200	Drilled Tie Bars	Each	3,700	1,892	\$ 1.00	\$ 1,892.00

Total \$ 305,518.76
Less
Retainage _____
Total \$ 305,518.76
Less
Previously
Total Amount \$ 296,507.91
Due \$ 9,010.85

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$9,010.85 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Mudtech LLC, N44 W33344 Watertown Plank Road, Nashotah, WI 53058 for Meadowview Park Bridge.

Contract No. #4180

CONTRACT DATE: June 12, 2020

Original \$ 317,545.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.50	\$ 800.00	\$ 400.00
2	02002	SILT FENCE	LF	1,500	1,000.00	\$ 3.00	\$ 3,000.00
3	02003	EROSION BALES	EACH	20		\$ 20.00	\$ -
4	02005	INLET PROTECTION	EACH	1	1.00	\$ 150.00	\$ 150.00
5	03110	REMOVE PIPE	LF	20		\$ 100.00	\$ -
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	25		\$ 8.00	\$ -
7	03605	REMOVE EXISTING ASPHALT ROADWAY	SY	25		\$ 50.00	\$ -
8	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	100		\$ 50.00	\$ -
9	04206	HORIZONTAL DIRECTIONAL DRILL 6 INCH PIPE	LF	25		\$ 250.00	\$ -
10	04212	HORIZONTAL DIRECTIONAL DRILL 12 INCH PIPE	LF	50	25.00	\$ 400.00	\$ 10,000.00
11	04990	3/4" CRUSHED STONE ROADWAY BASE	TON	10		\$ 50.00	\$ -
12	04991	MEADOWVIEW PARK GRADING	LS	1		\$ 15,000.00	\$ -
13	05475	48-INCH STORM SEWER MANHOLE	EACH	2		\$ 5,000.00	\$ -
14	05506	6 INCH PVC STORM SEWER PIPE	LF	90		\$ 50.00	\$ -
15	05512	12 INCH PVC STORM SEWER PIPE	LF	315	225.00	\$ 90.00	\$ 20,250.00
16	05548	18 INCH RCP STORM SEWER PIPE	LF	210		\$ 76.20	\$ -
17	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EACH	22	18.00	\$ 454.54	\$ 8,181.72
18	05850	CONCRETE COLLAR	EACH	2		\$ 300.00	\$ -
19	05901	LIGHT RIPRAP	CY	20		\$ 100.00	\$ -
20	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,400		\$ 3.00	\$ -
21	05990	APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE 6-INCH,	EACH	1		\$ 600.00	\$ -
22	05991	RIPRAP FILTER FABRIC, TYPE R	SY	50		\$ 30.00	\$ -
23	05992	BASE FLOW DIVERSION STRUCTURE	LS	1		\$ 7,000.00	\$ -
24	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	150		\$ 20.00	\$ -
25	08204	HMA PAVEMENT TYPE 4LT5828S	TON	15		\$ 500.00	\$ -

26	09990	MEADOWVIEW PARK BRIDGE STRUCTURE	LS	1		\$ 27,500.00	\$ -
27	14025	TALL GRASS PRAIRIE SEEDING	SY	700		\$ 5.00	\$ -
28	14,045.0	BIOFILTER SEEDING	SY	8,400		\$ 2.00	\$ -
29	14990	MODULAR BLOCK RETAINING WALL	LF	40		\$ 250.00	\$ -
30	14991	TOPSOIL, FERTILIZER, & MULCH	SY	1,250		\$ 2.50	\$ -
31	14992	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	1,000		\$ 4.00	\$ -
32	14993	WisDOT NO. 40 SEED MIX	SY	4,100		\$ 3.00	\$ -
33	14994	BIO-FILTRATION BASIN DEWATERING	LS	1	0.25	\$ 25,000.00	\$ 6,250.00
34	14995	ENGINEERED SOIL REPLACEMENT	LF	1,700	1,500.00	\$ 15.00	\$ 22,500.00
35	14996	ENGINEERED SOIL MAINTENANCE	SY	7,750	5,000.00	\$ 4.00	\$ 20,000.00
36	14997	UNDERDRAIN OUTFALL MAINTENANCE	EACH	8	4.00	\$ 500.00	\$ 2,000.00
37	14998	BIO-FILTRATION BASIN INFILTRATION TEST	EACH	9		\$ 57.78	\$ -

Total \$ 92,731.72

Less Retainage \$ 4,636.59

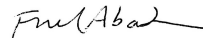
Total \$ 88,095.13

Less Previously Paid \$ 25,460.00

Total Amount Due \$ 62,635.13

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$62,635.13 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

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

Contract No. #4155

CONTRACT DATE: March 3, 2020

Original \$ 468,800.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	07304	4-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	53,500	19,698.68	\$ 8.00	\$ 157,589.44
2	07316	6-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	1,500	481	\$ 8.00	\$ 3,848.00
3	07326	6-Inch Concrete Drive Approach	Sq. Ft.	1,500	139.14	\$ 8.00	\$ 1,113.12
4	07002	Concrete Curb and Gutter Removal and Replacement	Lin. Ft.	400		\$ 40.00	\$ -
5	07301	Detectable Warming Field	Sq. Ft.	16		\$ 50.00	\$ -

Total \$ 162,550.56

Less \$ 8,127.53

Retainage \$ 8,127.53

Total \$ 154,423.03

Less \$ 69,542.43

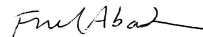
Previously \$ 69,542.43

Total Amount \$ 84,880.60

Due

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$84,880.60 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 14 to *State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151 for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement.*

Contract No. #4150

CONTRACT DATE: January 17, 2020

Original

\$ 7,308,401.32

CCO #1

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.85	\$ 92,188.39	\$ 78,360.13
2	01005	DETOUR ROUTE	LS	1	0.85	\$ 9,500.00	\$ 8,075.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	0.80	\$ 4,500.00	\$ 3,600.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1	0.30	\$ 1,000.00	\$ 300.00
5	01017	TEMPORARY SAFETY FENCE	LF	5,500	4,584.00	\$ 10.00	\$ 45,840.00
6	01990	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200	22.50	\$ 25.00	\$ 562.50
7	02002	SILT FENCE	LF	300		\$ 3.00	\$ -
8	02003	EROSION BALES	EACH	100		\$ 15.00	\$ -
9	02005	INLET PROTECTION	EACH	70	80.00	\$ 85.00	\$ 6,800.00
10	02007	SILT SOCK	LF	1,200		\$ 5.40	\$ -
11	03041	CLEARING	INCH DIA	172	187.00	\$ 70.00	\$ 13,090.00
12	03042	GRUBBING	INCH DIA	172	196.00	\$ 20.00	\$ 3,920.00
13	03100	REMOVE SEWER MANHOLE	EACH	4	3.00	\$ 445.00	\$ 1,335.00
14	03101	REMOVE INLET	EACH	16	18.00	\$ 445.00	\$ 8,010.00
15	03110	REMOVE PIPE	LF	321	429.50	\$ 28.00	\$ 12,026.00
16	03200	ABANDON SEWER MANHOLE	EACH	4	4.00	\$ 370.00	\$ 1,480.00
17	03205	ABANDON PIPE	LF	508	350.50	\$ 16.00	\$ 5,608.00
18	03300	REMOVE EXISTING CURB AND GUTTER	LF	7,400	6,836.32	\$ 3.00	\$ 20,508.96
19	03331	REMOVE EXISTING SIDEWALK	SF	65,000	63,228.08	\$ 2.00	\$ 126,456.16
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	4,000	1,377.60	\$ 3.00	\$ 4,132.80

21	03650	REMOVE EXISTING ROADWAY	SY	20,000	20,778.70	\$ 10.00	\$ 207,787.00
22	04010	SHAPING AND GRADING TO SUBGRADE	LF	4,400	3,962.00	\$ 35.00	\$ 138,670.00
23	04012	FROST BREAKING AND REMOVAL	LF	3,000	208.00	\$ 3.00	\$ 624.00
24	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2,000		\$ 3.00	\$ -
25	04016	GEOTEXTILE GRID TYPE BX1100	SY	5,000		\$ 3.00	\$ -
26	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	13,500	12,639.96	\$ 20.00	\$ 252,799.20
27	04120	SLURRY BACKFILL	CY	250		\$ 69.00	\$ -
28	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	9,500		\$ 14.00	\$ -
29	05011	PIPE BULKHEAD	EACH	4	4.00	\$ 240.00	\$ 960.00
30	05020	ADJUST SEWER MANHOLE	EACH	31	39.00	\$ 915.00	\$ 35,685.00
31	05021	ADJUST INLET	EACH	12	10.00	\$ 740.00	\$ 7,400.00
32	05042	SANITARY SEWER INSIDE DROP	VF	1	1.00	\$ 1,080.00	\$ 1,080.00
33	05050	INTERNAL CHIMNEY SEAL	EACH	9	9.00	\$ 515.00	\$ 4,635.00
34	05056	SANITARY LATERAL CLEANOUT	EACH	10	3.00	\$ 1,981.86	\$ 5,945.58
35	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	10		\$ 428.40	\$ -
36	05075	SANITARY SEWER SPOT REPAIR	EACH	2	1.00	\$ 5,975.00	\$ 5,975.00
37	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 4,075.00	\$ -
38	05080	SANITARY LATERAL REINSTATEMENT	EACH	10	6.00	\$ 127.50	\$ 765.00
39	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	682	451.00	\$ 26.93	\$ 12,145.43
40	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	591	593.00	\$ 25.50	\$ 15,121.50
41	05334	24 INCH CIPP STORM SEWER PIPE	LF	950	607.62	\$ 130.00	\$ 78,990.60
42	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	10		\$ 3,519.00	\$ -
43	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	100		\$ 59.16	\$ -
44	05400	48 INCH DIA SANITARY MANHOLE	VF	9	9.00	\$ 777.00	\$ 6,993.00
45	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	8		\$ 1,275.00	\$ -
46	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	9	9.00	\$ 1,187.00	\$ 10,683.00

47	05475	48-INCH STORM SEWER MANHOLE	EACH	3	3.00	\$ 1,990.00	\$ 5,970.00
48	05478	84-INCH STORM SEWER MANHOLE	EACH	1	1.00	\$ 8,785.00	\$ 8,785.00
49	05485	2'X3' STORM INLET	EACH	25	29.00	\$ 2,340.00	\$ 67,860.00
50	05542	12 INCH RCP STORM SEWER PIPE	LF	400	492.80	\$ 118.00	\$ 58,150.40
51	05545	15 INCH RCP STORM SEWER PIPE	LF	125	129.00	\$ 129.00	\$ 16,641.00
52	05548	18 INCH RCP STORM SEWER PIPE	LF	25		\$ 131.00	\$ -
53	05551	21 INCH RCP STORM SEWER PIPE	LF	10		\$ 225.00	\$ -
54	05554	24 INCH RCP STORM SEWER PIPE	LF	10		\$ 232.00	\$ -
55	05565	60 INCH RCP STORM SEWER PIPE	LF	20	8.00	\$ 422.00	\$ 3,376.00
56	05680	STORM SEWER INLET REPAIR	VF	36	5.00	\$ 500.00	\$ 2,500.00
57	05692	STORM SEWER MANHOLE REPAIR	VF	92	4.50	\$ 415.00	\$ 1,867.50
58	05850	CONCRETE COLLAR	EACH	5	2.00	\$ 440.00	\$ 880.00
59	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,756	1,274.10	\$ 1.89	\$ 2,408.05
60	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	54	40.00	\$ 234.60	\$ 9,384.00
61	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,400		\$ 2.96	\$ -
62	05990	CONNECT TO EXISTING STORM SEWER	EACH	2	2.00	\$ 650.00	\$ 1,300.00
63	05991	MODIFY EXT STORM MANHOLE TO CURB INLET	EACH	3	2.00	\$ 1,305.00	\$ 2,610.00
64	05992	MODIFY EXT CURB INLET TO STORM MANHOLE	EACH	5	4.00	\$ 1,305.00	\$ 5,220.00
65	06100	EXTRA BAGS OF CEMENT	EA	100		\$ 20.00	\$ -
66	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	100	134.55	\$ 100.00	\$ 13,455.00
67	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	200	45.90	\$ 70.00	\$ 3,213.00
68	07008	8-INCH CONCRETE PAVEMENT	SY	2,750	4,348.70	\$ 40.00	\$ 173,948.00
69	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	12,750	11,641.20	\$ 42.00	\$ 488,930.40
70	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	100	57.80	\$ 20.00	\$ 1,156.00
71	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	7,350	6,676.10	\$ 20.00	\$ 133,522.00
72	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	75	86.22	\$ 20.00	\$ 1,724.40
73	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	508	416.00	\$ 70.00	\$ 29,120.00

74	07302	PEDESTRIAN CURB	LF	300	310.30	\$ 50.00	\$ 15,515.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	400	0.00	\$ 6.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	42,750	42,092.65	\$ 6.50	\$ 273,602.23
77	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	2,250	1,539.10	\$ 7.00	\$ 10,773.70
78	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	6,000	6,069.25	\$ 7.00	\$ 42,484.75
79	07990	8-INCH CONCRETE PAVEMENT, COLORED	SY	1,600	1,483.67	\$ 108.00	\$ 160,236.36
80	07991	9-INCH DOWELED CONCRETE PAVEMENT, COLORED	SY	600	531.89	\$ 112.00	\$ 59,571.68
81	07992	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE TBT	LF	800	747.90	\$ 25.00	\$ 18,697.50
82	07994	CONCRETE PAVEMENT APPROACH SLAB, WISDOT 415.0410	SY	200	160.26	\$ 210.00	\$ 33,654.60
83	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	2,750	2,053.30	\$ 5.30	\$ 10,882.49
84	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	2,500	1,180.67	\$ 55.00	\$ 64,936.85
85	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	625		\$ 100.00	\$ -
86	08204	HMA PAVEMENT TYPE 4 LT 58 28 S	TON	100		\$ 115.00	\$ -
87	08208	HMA PAVEMENT TYPE 5 LT 58 28 H	TON	450	21.37	\$ 135.00	\$ 2,884.95
88	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58 28 S	TON	50	36.87	\$ 200.00	\$ 7,374.00
89	09980	REMOVING OLD STRUCTURE STA 114+54, WisDOT 203.0200	LS	1	1.00	\$ 70,000.00	\$ 70,000.00
90	09981	EXCAVATION FOR STRUCTURES BRIDGES B-67-039, WisDOT 206.1000	LS	1	1.00	\$ 25,000.00	\$ 25,000.00
91	09982	CONCRETE MASONRY BRIDGES, WisDOT 502.0100	CY	18	15.50	\$ 1,400.00	\$ 21,700.00
92	09983	PROTECTIVE SURFACE TREATMENT, WisDOT 502.3200	SY	587	498.75	\$ 2.50	\$ 1,246.88
93	09984	SAWING PAVEMENT DECK PREPARATION AREAS, WisDOT 509.0310.S	LF	687	64.00	\$ 15.00	\$ 960.00
94	09985	PREPARATION DECKS TYPE 1, WisDOT 509.0351	SY	75	182.00	\$ 230.00	\$ 41,860.00
95	09986	PREPARATION DECKS TYPE 2, WisDOT 509.0352	SY	30	80.39	\$ 290.00	\$ 23,313.10
96	09987	CLEANING DECKS, WisDOT 509.0500	SY	398	393.00	\$ 30.00	\$ 11,790.00
97	09988	CURB REPAIR, WisDOT 509.1200	LF	30	56.60	\$ 100.00	\$ 5,660.00
98	09989	CONCRETE SURFACE REPAIR, WisDOT 509.1500	SF	140	65.49	\$ 325.00	\$ 21,284.25
99	09990	CONCRETE MASONRY OVERLAY DECKS, WisDOT 509.2500	CY	24	40.90	\$ 2,000.00	\$ 81,800.00
100	09991	ADHESIVE ANCHORS 1/2-INCH, WisDOT 502.4104	EACH	16	80.00	\$ 20.00	\$ 1,600.00

101	09992	BAR STEEL REINFORCEMENT HS COATED STRUCTURES, WisDOT 505.0600	LB	1,020	1,607.09	\$ 4.50	\$ 7,231.91
102	09993	JOINT REPAIR, WisDOT 509.1000	SY	26	23.20	\$ 1,300.00	\$ 30,160.00
103	09994	CLEANING AND PAINTING BEARINGS	EACH	30	30.00	\$ 600.00	\$ 18,000.00
104	09995	PEDESTRIAN RAILING	LF	132	131.50	\$ 170.00	\$ 22,355.00
105	10002A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & WISCONSIN	LS	1		\$ 2,891.14	\$ -
106	10002B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & SOUTH	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
107	10002C	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & MAIN	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
108	10002D	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & BANK	LS	1	1.00	\$ 4,205.26	\$ 4,205.26
109	10002E	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & ST PAUL	LS	1	1.00	\$ 1,314.14	\$ 1,314.14
110	10002F	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & NORTH	LS	1	0.50	\$ 1,314.14	\$ 657.07
111	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	900	214.00	\$ 7.39	\$ 1,581.46
112	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	3,510	3,385.00	\$ 8.06	\$ 27,283.10
113	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	43	39.00	\$ 840.85	\$ 32,793.15
114	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	18.00	\$ 677.85	\$ 12,201.30
115	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	12	12.00	\$ 885.39	\$ 10,624.68
116	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	13	13.00	\$ 4,234.80	\$ 55,052.40
117	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	3	3.00	\$ 1,538.03	\$ 4,614.09
118	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	2,310	1,953.00	\$ 1.43	\$ 2,792.79
119	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	6,910	5,724.50	\$ 2.06	\$ 11,792.47
120	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,340	1,412.50	\$ 1.54	\$ 2,175.25
121	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6,110	5,909.50	\$ 1.57	\$ 9,277.92
122	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	1,180	574.00	\$ 1.04	\$ 596.96
123	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3,010	2,194.00	\$ 1.51	\$ 3,312.94
124	10140A	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & SOUTH, WDOT 655.0200.01	LS	1	1.00	\$ 993.98	\$ 993.98
125	10140B	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & MAIN, WDOT 655.0200.02	LS	1	1.00	\$ 993.98	\$ 993.98
126	10140C	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & BANK, WDOT 655.0200.03	LS	1	1.00	\$ 993.98	\$ 993.98

127	10140D	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & NORTH, WDOT 655.0200.04	LS	1		\$ 1,519.64	\$ -
128	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	15.00	\$ 257.62	\$ 3,864.30
129	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	16	12.00	\$ 470.30	\$ 5,643.60
130	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED	EACH	3	2.00	\$ 25,319.53	\$ 50,639.06
131	10154	POLES, TYPE 4, WDOT 657.0315	EACH	16	12.00	\$ 1,442.67	\$ 17,312.04
132	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	16	12.00	\$ 200.09	\$ 2,401.08
133	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	14	14.00	\$ 642.62	\$ 8,996.68
134	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	3	1.00	\$ 537.44	\$ 537.44
135	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	54	39.00	\$ 620.72	\$ 24,208.08
136	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	10	6.00	\$ 755.11	\$ 4,530.66
137	10605	TRAFFIC SIGNAL FACE 5S 12-INCH, WDOT 658.0175	EACH	1		\$ 896.79	\$ -
138	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	32	22.00	\$ 417.72	\$ 9,189.84
139	10735A	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1		\$ 9,844.36	\$ -
140	10735B	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SOUTH ST	LS	1		\$ 10,896.08	\$ -
141	10735C	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, MAIN ST	LS	1	1.00	\$ 9,844.36	\$ 9,844.36
142	10735D	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, BANK ST	LS	1	1.00	\$ 8,398.39	\$ 8,398.39
143	10800A	SIGNAL MOUNTING HARDWARE, WISCONSIN AVE, WDOT 658.5069.01	LS	1		\$ 3,417.79	\$ -
144	10800B	SIGNAL MOUNTING HARDWARE, SOUTH ST, WDOT 658.5069.02	LS	1		\$ 5,492.01	\$ -
145	10800C	SIGNAL MOUNTING HARDWARE, MAIN ST, WDOT 658.5069.03	LS	1	1.00	\$ 4,218.26	\$ 4,218.26
146	10800D	SIGNAL MOUNTING HARDWARE, CORRINA BLVD, WDOT 658.5069.04	LS	1		\$ 1,489.63	\$ -
147	10800E	SIGNAL MOUNTING HARDWARE, BANK ST, WDOT 658.5069.05	LS	1	1.00	\$ 2,903.61	\$ 2,903.61
148	10800F	SIGNAL MOUNTING HARDWARE, ST PAUL, WDOT 658.5069.06	LS	1	1.00	\$ 1,694.13	\$ 1,694.13
149	10800G	SIGNAL MOUNTING HARDWARE, NORTH ST, WDOT 658.5069.07	LS	1	0.50	\$ 1,250.07	\$ 625.04
150	10900A	EMERGENCY VEHICLE PREEMPTION SYSTEM, WISCONSIN AVE	LS	1		\$ 7,392.98	\$ -
151	10900B	EMERGENCY VEHICLE PREEMPTION SYSTEM, SOUTH ST	LS	1		\$ 7,392.98	\$ -
152	10900C	EMERGENCY VEHICLE PREEMPTION SYSTEM, MAIN ST	LS	1	1.00	\$ 7,392.98	\$ 7,392.98

153	10900D	EMERGENCY VEHICLE PREEMPTION SYSTEM, BANK ST	LS	1	1.00	\$ 6,934.90	\$ 6,934.90
154	10950A	VIDEO VEHICLE DETECTION SYSTEM, SOUTH ST	LS	1		\$ 31,520.08	\$ -
155	10950B	VIDEO VEHICLE DETECTION SYSTEM, MAIN ST	LS	1	1.00	\$ 31,520.08	\$ 31,520.08
156	10950C	VIDEO VEHICLE DETECTION SYSTEM, BANK ST	LS	1	1.00	\$ 28,052.91	\$ 28,052.91
157	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, WISCONSIN AVE	LS	1		\$ 262.83	\$ -
158	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, WISCONSIN AVE	LS	1		\$ 525.66	\$ -
159	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, WISCONSIN AVE	EACH	1		\$ 525.66	\$ -
160	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, WISCONSIN AVE	LS	1		\$ 881.97	\$ -
161	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, SOUTH ST	LS	1	0.50	\$ 1,320.09	\$ 660.05
162	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, MAIN ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
163	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS ANTENNA, BANK ST	LS	1	1.00	\$ 1,320.09	\$ 1,320.09
164	10985	REMOVE, SALVAGE AND RE-INSTALL EXISTING VIDEO DETECTION SYSTEM, WISCONSIN AVE	LS	1		\$ 5,875.64	\$ -
165	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & WISCONSIN	LS	1		\$ 9,347.41	\$ -
166	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & ST PAUL	LS	1	1.00	\$ 8,354.32	\$ 8,354.32
167	10986	MODIFY TRAFFIC SIGNAL CABINET, BARSTOW & NORTH	LS	1		\$ 8,354.32	\$ -
168	10987	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	13	9.00	\$ 1,125.23	\$ 10,127.07
169	10988	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7	3.00	\$ 938.36	\$ 2,815.08
170	10989	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	6	3.00	\$ 1,069.77	\$ 3,209.31
171	10992	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	15	11.00	\$ 267.07	\$ 2,937.77
172	10993	FLASHING 30-INCH LED PED SIGN	EACH	4		\$ 2,307.74	\$ -
173	10994	TRAFFIC SIGNAL FACE 3S 12-INCH WITH GEOMETRICALLY PROGRAMMED LOUVER	EACH	7	4.00	\$ 1,323.26	\$ 5,293.04
174	10995	PEDESTAL BASES, WDOT 657.0100, INSTALL ON EXISTING CONCRETE BASE	EACH	5		\$ 419.36	\$ -
175	10996	RELOCATE EXISTING SIGNAL POLE TO NEW BASE (E. NORTH ST.)	EACH	1		\$ 818.81	\$ -
176	11001	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	3	2.00	\$ 677.85	\$ 1,355.70
177	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	4	4.00	\$ 805.79	\$ 3,223.16
178	11012	CONCRETE BASE - TYPE POST TOP	EACH	49	48.00	\$ 684.57	\$ 32,859.36

179	11016	CONCRETE CABINET BASE - TYPE L30, WDOT 654.0230	EACH	1	1.00	\$ 1,275.21	\$ 1,275.21
180	11025	PULL BOX - 15-INCH PVC	EACH	40	39.00	\$ 620.70	\$ 24,207.30
181	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	24	16.00	\$ 814.57	\$ 13,033.12
182	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	6,750	6,729.00	\$ 8.60	\$ 57,869.40
183	11112	CONDUIT 3-INCH HDPE	LF	3,750	3,423.50	\$ 9.51	\$ 32,557.49
184	11120	12/2 UF W/GROUND WIRE	LF	4,000		\$ 1.76	\$ -
185	11123	#10 XLP USE WIRE	LF	1,000	507.00	\$ 1.04	\$ 527.28
186	11124	#8 XLP USE WIRE	LF	750	1,686.00	\$ 1.16	\$ 1,955.76
187	11125	#6 XLP USE WIRE	LF	6,800	4,825.00	\$ 1.33	\$ 6,417.25
188	11126	#4 XLP USE WIRE	LF	20,400	14,392.00	\$ 1.74	\$ 25,042.08
189	11127	#2 XLP USE WIRE	LF	11,800	7,206.50	\$ 2.29	\$ 16,502.89
190	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1	1.00	\$ 3,942.43	\$ 3,942.43
191	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	40	39.00	\$ 292.04	\$ 11,389.56
192	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	60	40.00	\$ 65.71	\$ 2,628.40
193	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	11	16.00	\$ 523.13	\$ 8,370.08
194	11500	TEMPORARY STREET LIGHTING	LS	1	0.75	\$ 23,802.19	\$ 17,851.64
195	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1	0.75	\$ 17,231.47	\$ 12,923.60
196	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	16	18.00	\$ 1,494.49	\$ 26,900.82
197	11990	PARK LUMINAIRE REMOVE & DISPOSE OF	EACH	14	11.00	\$ 262.83	\$ 2,891.13
198	11991	INSTALL PROVIDED PARK LUMINAIRE	EACH	14	11.00	\$ 350.47	\$ 3,855.17
199	11992	REMOVE AND SALVAGE TYPE 5 POLE AND LUMINAIRE	EACH	10	11.00	\$ 555.98	\$ 6,115.78
200	11993	REMOVE AND SALVAGE POST TOP POLE AND LUMINAIRE	EACH	13	13.00	\$ 555.98	\$ 7,227.74
201	11994	INSTALL PROVIDED TYPE 5 POLE & LUMINAIRE	EACH	24		\$ 621.69	\$ -
202	11995	INSTALL PROVIDED POST TOP POLE & LUMINAIRE	EACH	64	36.00	\$ 643.63	\$ 23,170.68
203	11996	INSTALL PROVIDED RECEPTACLE CABINET	EACH	1	1.00	\$ 8,093.11	\$ 8,093.11
204	11997	120/240 METER PEDESTAL	EACH	1	1.00	\$ 993.98	\$ 993.98
205	11998	SPREAD FOOTING, POST TOP BASE	EACH	5	3.00	\$ 889.57	\$ 2,668.71

206	11999	COMMUNICATION CONDUIT ACROSS BARSTOW BRIDGE	LS	1	1.00	\$ 2,803.58	\$ 2,803.58
207	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4,200	3,102.00	\$ 5.25	\$ 16,285.50
208	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	7,600	4,206.00	\$ 1.60	\$ 6,729.60
209	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	400	364.80	\$ 1.85	\$ 674.88
210	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	1,500	1,371.60	\$ 2.10	\$ 2,880.36
211	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	1,400	1,627.10	\$ 12.75	\$ 20,745.53
212	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1,750	1,551.10	\$ 8.50	\$ 13,184.35
213	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	550	469.80	\$ 14.25	\$ 6,694.65
214	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	12	11.00	\$ 275.00	\$ 3,025.00
215	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	4	6.00	\$ 275.00	\$ 1,650.00
216	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	13	11.00	\$ 350.00	\$ 3,850.00
217	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 20,000.00	\$ -
218	12991	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	8	8.00	\$ 175.00	\$ 1,400.00
219	13002	REMOVE SIGN	EACH	107	81.00	\$ 55.00	\$ 4,455.00
220	13003	REMOVE POSTS	EACH	64	29.00	\$ 35.00	\$ 1,015.00
221	13006	REMOVE, STORE AND RE-INSTALL SIGNS W/ NEW POSTS	EACH	29	7.00	\$ 265.00	\$ 1,855.00
222	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	72	29.00	\$ 225.00	\$ 6,525.00
223	13030	SIGN, REFLECTIVE TYPE II	EACH	172	64.00	\$ 195.00	\$ 12,480.00
224	13300	MOVE SIGN	EACH	8	4.00	\$ 265.00	\$ 1,060.00
225	13990	CONCRETE BASE TYPE 1 (DECORATIVE POLE)	EACH	2	1.00	\$ 2,500.00	\$ 2,500.00
226	13991	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	55	53.00	\$ 150.00	\$ 7,950.00
227	14001	TOPSOIL	SY	200	62.10	\$ 10.00	\$ 621.00
228	14005	TOPSOIL & SOD	SY	1,000	443.21	\$ 17.80	\$ 7,889.14
229	14052	STRUCTURAL SOIL	CY	950	240.20	\$ 110.00	\$ 26,422.00
230	14076	SALVAGE AND REUSE BRICK PAVERS	SF	2,000	1,025.40	\$ 15.00	\$ 15,381.00
231	14075	BITUMINOUS SET CONCRETE PAVERS	SF	38,000	29,130.50	\$ 20.50	\$ 597,175.25
232	14080	TREE GRATES	EACH	16	16.00	\$ 4,000.00	\$ 64,000.00

233	14988	INSTALL CITY FURNISHED TREE GRATE	EACH	30	18.00	\$ 1,000.00	\$ 18,000.00
234	14989	PLANTER BED CURB	LF	950	488.90	\$ 50.00	\$ 24,445.00
235	14990	ARONIA MELANOCARPA "MORTON" (IROQUOIS BEAUTY BLACK CHOKEBERRY)	EACH	17	16.00	\$ 95.00	\$ 1,520.00
236	14991	HYDRANGEA PANICULATA "BOBO" (BOBO HYDRANGEA)	EACH	10		\$ 115.00	\$ -
237	14992	HYDRANGEA PANICULATA "LITTLE LIME" (LITTLE LIME HYDRANGEA)	EACH	4		\$ 115.00	\$ -
238	14993	ROSA RUGOSA "DWARF PAVEMENT" (DWARF PAVEMENT RUGOSA ROSE)	EACH	26	16.00	\$ 95.00	\$ 1,520.00
239	14994	VIBURNUM LENTAGO "TREE FORM" (TREE FORM NANNYBERRY VIBUMUM)	EACH	3		\$ 650.00	\$ -
240	14995	CALAMAGROSTIS X ACUTIFLORA "KARL FOERSTER" (FEATHER REED GRASS)	EACH	25		\$ 42.00	\$ -
241	14996	SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	EACH	74	38.00	\$ 42.00	\$ 1,596.00
242	14997	ACHILLEA X "MOONSHINE" (MOONSHINE YARROW)	EACH	23	5.00	\$ 42.00	\$ 210.00
243	14998	HEMEROCALLIS X "STELLA DE ORO" (STELLA DE ORO DAYLILY)	EACH	95	78.00	\$ 42.00	\$ 3,276.00
244	14999	NEPETA X FAASSENII "NOVANEPJUN" TM (JUNIOR WALKER CATMINT)	EACH	16	12.00	\$ 42.00	\$ 504.00
245	15001	24-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	100	98.00	\$ 840.00	\$ 82,320.00
246	15002	12-INCH WATER MAIN AND FITTINGS (NEXT TO EXISTING WATER MAIN)	LF	3,020	3,030.00	\$ 170.00	\$ 515,100.00
247	15003	12-INCH WATER MAIN AND FITTINGS (REMOVE EXISTING WATER MAIN	LF	340	328.00	\$ 160.00	\$ 52,480.00
248	15004	8-INCH WATER MAIN AND FITTINGS	LF	240	240.00	\$ 235.00	\$ 56,400.00
249	15005	12-INCH GATE VALVE AND BOX	EACH	8	8.00	\$ 3,150.00	\$ 25,200.00
250	15006	8-INCH GATE VALVE AND BOX	EACH	2	2.00	\$ 1,630.00	\$ 3,260.00
251	15007	HYDRANT VALVE, 6-INCH D.I. LEAD AND HYDRANT	EACH	8	8.00	\$ 7,530.00	\$ 60,240.00
252	15008	CONNECT SERVICE LATERAL (SL1)	EACH	6	6.00	\$ 3,065.00	\$ 18,390.00
253	15009	CONNECT SERVICE LATERAL (SL2)	EACH	1	1.00	\$ 3,575.00	\$ 3,575.00
254	15010	CONNECT SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 3,455.00	\$ 3,455.00
255	15011	CONNECT SERVICE LATERAL (SL4)	EACH	1	1.00	\$ 3,340.00	\$ 3,340.00
256	15012	CONNECT SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 3,450.00	\$ 3,450.00
257	15013	CONNECT SERVICE LATERAL (SL6)	EACH	1	1.00	\$ 3,300.00	\$ 3,300.00
258	15014	CONNECT SERVICE LATERAL (SL7)	EACH	4	4.00	\$ 5,465.00	\$ 21,860.00
259	15015	CONNECT SERVICE LATERAL (SL8)	EACH	3	3.00	\$ 9,125.00	\$ 27,375.00

260	15016	CONNECT SERVICE LATERAL (SL9)	EACH	1	1.00	\$ 7,900.00	\$ 7,900.00
261	15017	CONNECT SERVICE LATERAL (SL10)	EACH	1	1.00	\$ 9,795.00	\$ 9,795.00
262	15018	TEMPORARY WATER SUPPLY SYSTEM (SL11)	EACH	1	1.00	\$ 13,300.00	\$ 13,300.00
263	15019	ABANDON EXISTING HYDRANT	EACH	9	2.00	\$ 885.00	\$ 1,770.00
264	15020	ABANDON VALVE BOXES AND MANHOLES	LS	1	0.50	\$ 3,450.00	\$ 1,725.00
265	15021	FURNISH AND INSTALL BLOW-OFFS	LS	1	1.00	\$ 3,450.00	\$ 3,450.00
Extra No. 1		FULL DEPTH DECK REPAIR	SY		1.93	\$ 1,552.50	\$ 2,996.33
Extra No. 2		EPOXY CRACK INJECTION	LF		88.20	\$ 139.15	\$ 12,273.03

Total \$ 5,868,697.59

Less Retainage \$ 182,710.03

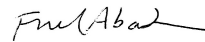
Total \$ 5,685,987.56

Less Previously Paid \$ 5,556,191.41

Total Amount Due \$ 129,796.15

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$129,796.15 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to **Stuckey Construction Co., Inc.**, 2020 N. Lewis Avenue, Waukegan, IL 60087 for the Buchner Park Community Pool and Building.

Contract No. #4171

CONTRACT DATE:

May 15, 2020

Original:

\$ 6,745,000.00

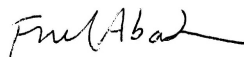
Item No.	Item Description	Scheduled Value	Completed Work
0010	Supervision	\$180,000.00	\$17,280.00
0020	Performance Bond	\$41,500.00	\$41,500.00
0030	Building Permit	\$6,500.00	\$6,500.00
0040	Temp Fencing	\$6,000.00	\$6,000.00
0050	Misc. General Conditions	\$129,996.00	\$12,480.00
0060	Excavation	\$657,344.00	\$242,626.00
0070	Asphalt Striping	\$8,051.25	
0080	Asphalt Paving	\$37,280.00	
0090	Site Concrete	\$286,649.00	
0100	Trench Drain	\$29,000.00	
0110	Decorative Fence/Gate	\$95,260.00	
0120	Bike Racks	\$3,743.72	
0130	Rubber Paving	\$4,260.00	
0140	Landscaping	\$35,801.00	
0150	Concrete Building	\$338,660.00	\$250,000.00
0160	Pool Concrete	\$677,528.00	
0170	Rebar	\$40,700.00	\$20,000.00
0180	Rebar Installation	\$43,175.00	\$6,000.00
0190	Masonry	\$398,700.00	
0200	Steel	\$55,100.00	
0210	Carpentry	\$291,042.69	
0220	Millwork	\$30,755.00	
0230	Waterproofing	\$10,400.00	
0240	Dampproofing	\$19,785.00	
0250	Siding	\$81,700.00	
0260	Roofing	\$63,575.00	
0270	Insulation	\$19,985.00	
0280	Sealants	\$37,300.00	
0290	Doors/Frames/Hardware	\$88,847.00	
0300	Alum Windows	\$119,400.00	
0310	Drywall	\$53,480.00	
0320	Furring/Insulation	\$38,700.00	

0330	Floor Tile	\$10,560.00	
0340	Pool Tile	\$64,800.00	
0350	Accoustical Ceiling	\$6,868.00	
0360	Painting Concrete	\$25,000.00	
0370	Painting	\$48,900.00	
0380	Signage	\$6,868.00	
0390	Lockers	\$7,800.00	
0395	Toilet Comp	\$7,559.00	
0400	Toilet Accessories	\$11,597.00	
0410	Pool Equipment Labor	\$50,737.53	
0420	Pool Mechanical	\$363,858.00	
0430	Pool Equipment	\$138,102.00	
0440	Pool Pump	\$20,522.00	
0450	VFD	\$15,536.00	
0460	Pool Fillter	\$60,000.00	
0470	Misc Pool Equipment	\$27,500.00	
0480	Pool Controller	\$109,444.00	
0490	Shelter Labor	\$32,000.00	
0500	Shelter Slides	\$298,549.00	
0510	HVAC	\$445,000.00	
0520	Fire Protection	\$83,475.00	
0530	Plumbing	\$253,266.00	
0540	Electrical	\$347,100.00	\$8,000.00
0550	OH & P	\$379,940.81	\$36,474.00

Total	\$	646,860.00
Less Retainage	\$	32,343.00
Total	\$	614,517.00
Less Previously Paid	\$	173,717.00
Total Amount Due	\$	440,800.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$440,800.00 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 20 to Super Excavators, Inc., N59 W14601 Boblink Avenue, Menomonee Falls, WI 53051, for Greenmeadow Sanitary Interceptor Sewer.

Contract No. # 4071

CONTRACT DATE: June 19, 2018

Original \$ 18,461,976.00

Amended \$ 19,741,618.10

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
GREENMEADOW INTERCEPTOR SEWER BID ITEMS							
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 80,000.00	\$ 80,000.00
2	01010	MOBILIZATION	LS	1	1.00	\$ 1,125,000.00	\$ 1,125,000.00
3	01017	TEMPORARY SAFETY FENCE	LF	1,120	2,226	\$ 2.00	\$ 4,452.00
4	01018	TEMPORARY CONCRETE SAFETY BARRIER	LF	250	173.5	\$ 50.00	\$ 8,675.00
5	01020	FIELD OFFICE	LS	1	1.00	\$ 75,000.00	\$ 75,000.00
6	01995	DEWATERING (SPECIAL, IF NEEDED AT DEEP EXCAVATIONS AND TUNNEL SHAFTS)	LS	1	1.00	\$ 525,000.00	\$ 525,000.00
7	02002	SILT FENCE	LF	3,200	2,798	\$ 2.00	\$ 5,596.00
8	02005	INLET PROTECTION	EACH	34	47	\$ 80.00	\$ 3,760.00
9	02010	CONSTRUCTION ENTRANCE	EACH	3	3	\$ 3,000.00	\$ 9,000.00
10	02110	CONCRETE WASH-OUT BASIN	LS	1	1	\$ 3,000.00	\$ 3,000.00
11	03001	CLEARING	LS	1	1	\$ 30,000.00	\$ 30,000.00
12	03002	GRUBBING	LS	1	1	\$ 30,000.00	\$ 30,000.00
13	03100	REMOVE SEWER MANHOLE	EACH	14	14	\$ 1,000.00	\$ 14,000.00
14	03110	REMOVE PIPE	LF	3,355	4,065.0	\$ 30.00	\$ 121,950.00
15	03200	ABANDON SEWER MANHOLE	EACH	13	12	\$ 600.00	\$ 7,200.00
16	03205	ABANDON PIPE	LF	11,483	11,073	\$ 20.00	\$ 221,460.00
17	03300	REMOVE EXISTING CURB AND GUTTER	LF	1,254	3,407.2	\$ 10.00	\$ 34,072.00
18	03331	REMOVE EXISTING SIDEWALK	SY	578	871.0	\$ 20.00	\$ 17,420.00
19	03990	DEMOLISH GREENMEADOW PUMP STATION	LS	1	1.0	\$ 275,000.00	\$ 275,000.00
20	03991	DEMOLISH WOODFIELD PUMP STATION	LS	1	1	\$ 80,000.00	\$ 80,000.00
21	04120	SLURRY BACKFILL (DOES NOT INCLUDE MH-5, MH-6, MH-7 AND MH-10)	CY	90	15	\$ 70.00	\$ 1,050.00

22	04167	TUNNELING - ROCK	LS	1	1	\$ 3,075,000.00	\$ 3,075,000.00
23	04175	SOLID ROCK EXCAVATION (IN TRENCHES)	CY	665	2,254.0	\$ 135.00	\$ 304,290.00
24	04176	LOOSE ROCK EXCAVATION (IN TRENCHES)	CY	1,330	0	\$ 75.00	\$ -
25	04216	HORIZONTAL DIRECTIONAL DRILL 18 INCH PIPE - RIVER CROSSING 1	LF	680	635	\$ 870.00	\$ 552,450.00
26	04216	HORIZONTAL DIRECTIONAL DRILL 18 INCH PIPE - RIVER CROSSING 2	LF	700	691	\$ 870.00	\$ 601,170.00
27	04217	INTENTIONALLY LEFT BLANK			0		\$ -
28	04217	INTENTIONALLY LEFT BLANK			0		\$ -
29	04990	TRENCH STABILIZATION	LF	200	54	\$ 50.00	\$ 2,700.00
30	04991	42-INCH CARRIER PIPE INSTALLATION TUNNEL (SPECIAL)	LS	1	1.00	\$ 750,000.00	\$ 750,000.00
31	04992	BACKFILL GROUTING-CELLULAR CONCRETE (SPECIAL)	LS	1	1.00	\$ 200,000.00	\$ 200,000.00
32	04993	GROUNDWATER CONTROL GROUT (TBM AND DRILL AND BLAST)	94 lb Bag	1,700	0	\$ 1.00	\$ -
33	04994	GROUNDWATER CONTROL GROUTING (SET-UP)	EACH	140	0	\$ 1.00	\$ -
34	04995	WATERTIGHT SHAFT (LOWELL PARK SHAFT - SPECIAL)	EACH	1	1.00	\$ 830,000.00	\$ 830,000.00
35	04996	WATERTIGHT SHAFT (INTERMEDIATE SHAFT 1 - SPECIAL. THIS SHAFT IS CONSIDERED OPTIONAL GIVEN CONTRACTOR'S PROPOSED METHOD)	EACH	1	0	\$ 1.00	\$ -
36	04997	WATERTIGHT SHAFT (INTERMEDIATE SHAFT 2 - SPECIAL, MADISON AND JOELLEN)	EACH	1	1.00	\$ 1,150,000.00	\$ 1,150,000.00
37	04998	PORTAL CONSTRUCTION (SPECIAL - JOELLEN AND AMERICAN) (DOES NOT INCLUDE OPEN CUT ROCK EXCAVATION	EACH	1	1	\$ 475,000.00	\$ 475,000.00
38	04999	SETTLEMENT AND VIBRATION MONITORING	EACH	1	1	\$ 60,000.00	\$ 60,000.00
39	05030	CHIMNEY REPLACEMENT	EACH	10	4	\$ 1,500.00	\$ 6,000.00
40	05040	8-INCH SANITARY SEWER OUTSIDE DROP	VF	22	15	\$ 400.00	\$ 5,800.00
41	05041	10-INCH PVC SANITARY SEWER OUTSIDE DROP	VF	6	0	\$ 500.00	\$ -
42	05050	INTERNAL CHIMNEY SEAL	EACH	27	28	\$ 500.00	\$ 14,000.00
43	05055	CLEANOUT	EACH	4	4	\$ 85.00	\$ 340.00
44	05108	8-INCH PVC SANITARY SEWER PIPE	LF	173	194	\$ 200.00	\$ 38,800.00
45	05110	10-INCH PVC SANITARY SEWER PIPE	LF	10	0	\$ 280.00	\$ -
46	05112	12-INCH PVC SANITARY SEWER PIPE	LF	67	76	\$ 240.00	\$ 18,240.00
47	05115	15-INCH PVC SANITARY SEWER PIPE	LF	60	57	\$ 230.00	\$ 13,110.00
48	05118	18-INCH PVC SANITARY SEWER PIPE	LF	53	11.2	\$ 320.00	\$ 3,584.00

49	05155	4-INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	418	78.5	\$ 190.00	\$ 14,915.00
50	05157	6-INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	610	852.5	\$ 200.00	\$ 170,500.00
51	05174	4 INCH SANITARY SEWER RISER	VF	150	70.5	\$ 60.00	\$ 4,230.00
52	05176	6 INCH SANITARY SEWER RISER	VF	222	222.0	\$ 75.00	\$ 16,650.00
53	05400	48-INCH DIA SANITARY MANHOLE	VF	32	11	\$ 270.00	\$ 2,970.00
54	05401	72-INCH DIA SANITARY MANHOLE	VF	48	38.3	\$ 635.00	\$ 24,320.50
55	05485	2'X3' STORM INLET	EACH	2	4	\$ 1,500.00	\$ 6,000.00
56	05512	12 INCH RCP STORM SEWER PIPE	LF	186	82	\$ 160.00	\$ 13,120.00
57	05536	36 INCH RCP STORM SEWER PIPE	LF	140	68	\$ 300.00	\$ 20,400.00
58	05590	STORM SEWER INLET REPAIR	VF	60	9	\$ 325.00	\$ 2,925.00
59	05595	STORM SEWER MANHOLE REPAIR	VF	20	0	\$ 325.00	\$ -
60	05850	CONCRETE COLLAR	EACH	9	9	\$ 2,000.00	\$ 18,000.00
61	05951	SANITARY SEWER CLEANING AND TELEVISIONING - PREPAVING	LF	2,234	3,220.4	\$ 30.00	\$ 96,612.00
62	05952	SANITARY SEWER LATERAL TELEVISIONING - PREPAVING	EACH	71	26	\$ 1,600.00	\$ 41,600.00
63	05980	36 INCH PVC SANITARY SEWER PIPE - F679, PS46	LF	5,044	5,065.7	\$ 550.00	\$ 2,786,135.00
64	05981	36 INCH PVC SANITARY SEWER PIPE - C900	LF	1,086	1,082.3	\$ 750.00	\$ 811,725.00
65	05982	72-INCH DIA SANITARY MANHOLE, WITH REDUCED RISER	VF	232	207.4	\$ 400.00	\$ 82,960.00
66		72-INCH DIA SANITARY MANHOLE, WITH FLAT SLAB	VF	7	51.9	\$ 750.00	\$ 38,925.00
67	05984	96-INCH SANITARY MANHOLE, CONSTRUCTED OVER EXISTING SEWER (SAN MH 27)	LS	1	1	\$ 17,000.00	\$ 17,000.00
68	05985	96-INCH SANITARY SEWER MANHOLE, WITH REDUCED RISER	VF	14	14.4	\$ 1,200.00	\$ 17,280.00
69	05986	96-INCH SANITARY SEWER MANHOLE, FLAT SLAB	VF	8	8	\$ 1,800.00	\$ 14,400.00
70	05987	12-INCH PVC SANITARY SEWER OUTSIDE DROP	VF	8	19.4	\$ 600.00	\$ 11,640.00
71	05988	SANITARY MANHOLE MH-5, WITH VORTEX UNIT	LS	1	1.0	\$ 260,000.00	\$ 260,000.00
72	05989	SANITARY MANHOLE MH-6 (IF SHAFT IS REQUIRED FOR TUNNEL CONSTRUCTION)	LS	1	0	\$ 1.00	\$ -
73	05990	SANITARY MANHOLE MH-7	LS	1	1	\$ 45,000.00	\$ 45,000.00
74	05991	SANITARY MANHOLE MH-10	LS	1	1	\$ 30,000.00	\$ 30,000.00
75	05992	SIPHON STRUCTURES - INLET AND OUTLET	LS	1	1	\$ 300,000.00	\$ 300,000.00

76	05995	PLUG 18-IN. SANITARY SEWER CONNECTION IN MH 200' WEST OF SAN MH-1 (CONEVIEW CONNECTION)	LS	1	1	\$ 500.00	\$ 500.00
77	05996	SANITARY MANHOLE MH-18, WITH VORTEX UNIT	LS	1	1.0	\$ 250,000.00	\$ 250,000.00
78	05997	FURNISH AND INSTALL POLYSTYRENE INSULATION FOR 36-INCH INTERCEPTOR	LF	155	160	\$ 90.00	\$ 14,400.00
79	07008	8-INCH CONCRETE PAVEMENT	SY	88	150.9	\$ 125.00	\$ 18,857.50
80	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	1,254	3,407.2	\$ 40.00	\$ 136,288.00
81	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	242	345	\$ 38.00	\$ 13,110.00
82	07302	PEDESTRIAN CURB	LF	100	0	\$ 40.00	\$ -
83	07304	4-INCH CONCRETE SIDEWALK	SF	4,625	7,110	\$ 7.00	\$ 49,766.50
84	07326	6-INCH CONCRETE DRIVE APPROACH	SF	1,388	1,192	\$ 12.00	\$ 14,305.20
85	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	24,000	15,126.0	\$ 3.00	\$ 45,378.00
86	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	24,000	15,126.0	\$ 0.50	\$ 7,563.00
87	08050	UTILITY TRENCH PATCH - TEMPORARY	SY	200	376.6	\$ 140.00	\$ 52,724.00
88	08065	HMA PAVEMENT PATCHING	SY	1,200	662	\$ 85.00	\$ 56,270.00
89	08206	HMA PAVEMENT TYPE 3LT5828H	TON	1,431	2,890.96	\$ 250.00	\$ 722,740.00
90	08208	HMA PAVEMENT TYPE 5LT5828H	TON	2,631	3,149.89	\$ 80.00	\$ 251,991.20
91	08990	CRACKFILLING - ASPHALT PAVEMENT MILLED	SY	24,000	9,248	\$ 2.00	\$ 18,496.00
92	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH (YELLOW)	LF	3,805	4,161	\$ 1.00	\$ 4,161.00
93	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH (WHITE)	LF	5,394	5,390	\$ 1.00	\$ 5,390.40
94	12204	PAVEMENT MARKING EPOXY, LINE 8-INCH	LF	517	429	\$ 1.00	\$ 429.00
95	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1,339	1,355	\$ 8.00	\$ 10,838.40
96	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	342	345	\$ 11.00	\$ 3,790.60
97	12258	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE	EACH	9	9	\$ 170.00	\$ 1,530.00
98	12259	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW	EACH	9	9	\$ 100.00	\$ 900.00
99	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	8	8	\$ 270.00	\$ 2,160.00
100	12270	PAVEMENT MARKING EPOXY, WORD ONLY	EACH	6	6	\$ 300.00	\$ 1,800.00
101	12990	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	1	1	\$ 150.00	\$ 150.00
102	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS	EACH	3	10	\$ 100.00	\$ 1,000.00

103	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	3,437	17,646	\$ 6.00	\$ 105,874.20
104	14005	TOPSOIL AND SOD	SY	10,960	3,707	\$ 9.00	\$ 33,366.60
105	15990	FURNISH AND INSTALL 8-INCH D.I. WATERMAIN AND FITTINGS AT STA 13+00 SAN MH 1 LOCATION (MICHIGAN AVE.)	LS	1	1	\$ 10,000.00	\$ 10,000.00
106	15999	FURNISH AND INSTALL 8-INCH D.I. WATER MAIN AND FITTINGS FOR HORIZONTAL OFFSET AT STA 52+80 SHAFT LOCATION (JOELLEN DR.), INCLUDING TEMPORARY RESTRAINED CAPS	LS	1	1.0	\$ 22,000.00	\$ 22,000.00
107	04990	ALLOWANCE FOR CONTAMINATED MATERIAL DISPOSAL	LS	1	0.23	\$ 165,600.00	\$ 38,234.18
107 A		CO #1 - EXTRA #1 - ADDITIONAL COSTS DUE TO NORMAL FLOW BORE - REDIRECTS	LS		1	\$ 65,990.24	\$ 65,990.24
107 B		CO #1 - EXTRA #2 - ADDITIONAL COSTS DUE TO NORMAL FLOW BORE - INADVERTENT RETURNS	LS		1	\$ 22,216.33	\$ 22,216.33
107 C		CO #1 - EXTRA #3 - ADDITIONAL COSTS DUE TO NORMAL FLOW BORE - CHANGE IN CONDITION: ROCK LEDGE	LS		1	\$ 26,082.49	\$ 26,082.49
107 D		CO #1 - EXTRA #4 - ADDITIONAL COSTS DUE TO HIGH FLOW BORE - CHANGE IN CONDITION: BORE THROUGH BEDROCK	LS		1	\$ 217,829.11	\$ 217,829.11
107 E		CO #1 - EXTRA #5 - PIPING CHANGES RELATED TO INLET SIPHON RELOCATION	LS		1	\$ 13,544.94	\$ 13,544.94
107 F		CO #3 - EXTRA #6 - SANITARY INTERCEPTOR SEWER CONFLICT WITH EXISTING 20" WATERMAIN	LS		1	\$ 15,522.10	\$ 15,522.10
107 G		CO #7 - EXTRA #7 - CLSM BACKFILL FOR HOBAS PIPE AT SHAFT 5	CY		50	\$ 15.00	\$ 750.00
107 H		CO #7 - EXTRA #8 - CLSM BACKFILL FOR HOBAS PIPE AT SHAFTS 7 & 10	CY		62	\$ 60.50	\$ 3,751.00
107 I		CO #7 - EXTRA #9 - 15 INCH RCP STORM SEWER PIPE	LF		6	\$ 194.00	\$ 1,164.00
107 J		CO #9 - EXTRA #10 - DPW YARD LOT BASE REPLACEMENT	LS		1	\$ 9,201.95	\$ 9,201.95
107 K		CO #9 - EXTRA #11 - JOELLEN DR PAVEMENT EDGE MILLING	LF		1,411	\$ 4.00	\$ 5,644.00
GREENMEADOW INTERCEPTOR SEWER SUBTOTAL:							\$ 17,895,136.44

AREA 5 STORM SEWER BID ITEMS							
108	01001	TRAFFIC CONTROL	LS	1	1	\$ 20,000.00	\$ 20,000.00
109	01010	MOBILIZATION	LS	1	1	\$ 15,000.00	\$ 15,000.00
110	02005	INLET PROTECTION	EACH	3	3	\$ 80.00	\$ 240.00
111	03100	REMOVE SEWER MANHOLE	EACH	1	1	\$ 1,000.00	\$ 1,000.00
112	03101	REMOVE INLET	EACH	1	1	\$ 165.00	\$ 165.00
113	03110	REMOVE PIPE	LF	50	50	\$ 30.00	\$ 1,500.00
114	03300	REMOVE EXISTING CURB AND GUTTER	LF	85	1,092	\$ 13.00	\$ 14,196.00
115	03331	REMOVE EXISTING SIDEWALK	SY	20	24.2	\$ 20.00	\$ 484.00
116	05479	96-INCH STORM SEWER MANHOLE	EACH	4	4	\$ 7,000.00	\$ 28,000.00
117	05485	2'X3' STORM INLET	EACH	4	4	\$ 1,200.00	\$ 4,800.00
118	05495	144-INCH DIA STORM SEWER (STM MH 7)	LS	1	1	\$ 60,000.00	\$ 60,000.00
119	05512	12 INCH RCP STORM SEWER PIPE	LF	64	68	\$ 150.00	\$ 10,200.00
120	05536	36 INCH RCP STORM SEWER PIPE	LF	8	0	\$ 400.00	\$ -
121	05542	42 INCH RCP STORM SEWER PIPE	LF	8	10	\$ 450.00	\$ 4,500.00
122	05743	43 INCH X 68 INCH TYPE I HERCP STORM SEWER PIPE	LF	8	0	\$ 500.00	\$ -
123	05850	CONCRETE COLLAR	EACH	3	0	\$ 1,500.00	\$ -
124	05955	STORM SEWER CLEANING AND TELEVISIONING - PREPAVING	LF	6,806	6,788.6	\$ 2.50	\$ 16,971.50
125	05993	108-INCH STORM SEWER MANHOLE	EACH	2	2	\$ 15,000.00	\$ 30,000.00
126	05994	54-INCH RCP STORM SEWER PIPE	LF	1,252	1,261.1	\$ 260.00	\$ 327,886.00
127	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	85	1,092	\$ 40.00	\$ 43,680.00
128	07304	4-INCH CONCRETE SIDEWALK	SF	180	219	\$ 7.00	\$ 1,533.00
129	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	1,075	592.4	\$ 5.00	\$ 2,962.00
130	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	1,075	592.4	\$ 1.00	\$ 592.40
130 A	08050	UTILITY TRENCH PATCH - TEMPORARY	SY		70.3	\$ 140.00	\$ 9,842.00
131	08065	HMA PAVEMENT PATCHING	SY	55	0	\$ 80.00	\$ -
132	08206	HMA PAVEMENT TYPE 3LT5828H	TON	90	194.1	\$ 250.00	\$ 48,525.00
133	08208	HMA PAVEMENT TYPE 5LT5828H	TON	180	197	\$ 80.00	\$ 15,768.00
134	08990	CRACKFILLING - ASPHALT PAVEMENT MILLED	SY	1,075	0	\$ 3.00	\$ -
135	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH (WHITE)	LF	533	660.3	\$ 1.00	\$ 660.30

136	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	77	77.4	\$	8.00	\$	619.20
137	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	18	17.8	\$	11.00	\$	195.80
138	12258	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE	EACH	1	1	\$	170.00	\$	170.00
139	12259	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW	EACH	1	1	\$	100.00	\$	100.00
140	14005	TOPSOIL AND SOD	SY	50	1,179	\$	11.00	\$	12,969.00
AREA 5 STORM SEWER BID ITEMS								\$	672,559.20

WAUKESHA WATER UTILITY BID ITEMS									
149	03300	REMOVE EXISTING CURB AND GUTTER	LF	218	722	\$	13.00	\$	9,386.00
149 A	03331	REMOVE EXISTING SIDEWALK	SY		48.5	\$	20.00	\$	970.00
150	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	218	722	\$	40.00	\$	28,880.00
150 A	07304	4-INCH CONCRETE SIDEWALK	SF		331	\$	7.00	\$	2,317.00
150 B	07326	6-INCH CONCRETE DRIVE APPROACH	SF		106	\$	12.00	\$	1,272.00
151	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	2,900	2,940	\$	5.00	\$	14,700.00
152	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	2,900	2,940	\$	1.00	\$	2,940.00
153	08065	HMA PAVEMENT PATCHING	SY	145	267.0	\$	80.00	\$	21,360.00
154	08206	HMA PAVEMENT TYPE 3LT5828H	TON	243	147.13	\$	250.00	\$	36,782.50
155	08208	HMA PAVEMENT TYPE 5LT5828H	TON	317	443.27	\$	80.00	\$	35,461.60
156	08990	CRACKFILLING - ASPHALT PAVEMENT MILLED	SY	2,900	1,088.4	\$	3.00	\$	3,265.20
157	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH (WHITE)	LF	1,044	1,044	\$	1.00	\$	1,044.00
158	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	69	69	\$	8.00	\$	552.00
159	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	13	13	\$	11.00	\$	143.00
160	12258	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE	EACH	2	2	\$	170.00	\$	340.00
161	12259	PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW	EACH	2	2	\$	100.00	\$	200.00
161 A	14005	TOPSOIL AND SOD	SY		336	\$	9.00	\$	3,024.00
162	15001	FURNISH AND INSTALL 12" WATER MAIN AND FITTINGS WITH COMPACTED GRANULAR BACKFILL, CHLORINATING, FLUSHING AND PRESSURE TESTING	LF	60	60	\$	400.00	\$	24,000.00

163	15002	FURNISH AND INSTALL 8" WATER MAIN AND FITTINGS WITH COMPACTED GRANULAR BACKFILL, CHLORINATING, FLUSHING AND PRESSURE TESTING	LF	920	864	\$ 125.00	\$ 108,000.00
164	15003	FURNISH AND INSTALL 6" D.I. WATER MAIN AND FITTINGS FOR THE CONNECTION AT S. MORELAND BLVD. AND DOPP STREET WITH COMPACTED GRANULAR BACKFILL AND SWAB PIPE WITH CHLORINATED WATER	LS	1	1	\$ 6,600.00	\$ 6,600.00
165	15004	FURNISH AND INSTALL TWO (2) 6" CAPS TO DISCONNECT WATER MAIN AT S. MORELAND BLVD. AND MOTOR AVENUE WITH COMPACTED GRANULAR BACKFILL	LS	1	1	\$ 3,600.00	\$ 3,600.00
166	15005	FURNISH AND INSTALL FOUR (4) 6" CAPS TO DISCONNECT WATER MAIN AT S. MORELAND BLVD. AND W. ST. PAUL AVENUE WITH COMPACTED GRANULAR BACKFILL	LS	1	1	\$ 6,000.00	\$ 6,000.00
167	15006	FURNISH AND INSTALL 20" BUTTERFLY VALVE & BOX	EACH	1	1	\$ 12,000.00	\$ 12,000.00
168	15007	FURNISH AND INSTALL 16" BUTTERFLY VALVE & BOX	EACH	1	1	\$ 7,000.00	\$ 7,000.00
169	15008	FURNISH AND INSTALL 8" GATE VALVE & BOX	EACH	2	2	\$ 1,500.00	\$ 3,000.00
170	15009	FURNISH AND INSTALL HYDRANT VALVE, 6" D.I. LEAD AND HYDRANT	EACH	4	4	\$ 10,000.00	\$ 40,000.00
171	15010	WWU TO FURNISH AND INSTALL 20"X6" TAPPING SLEEVE AND 6" TAPPING VALVE, CONTRACTOR TO FURNISH AND INSTALL 6" - 90° SWIVEL X SWIVEL AND HYDRANT	EACH	1	1	\$ 15,000.00	\$ 15,000.00
172	15011	CONNECT 1" COPPER SERVICE LATERAL (CONNECT WITH A DIRECT TAP USING A 1" CORP. AND BEND EXISTING PIPE INTO NEW CORP.) (NOTED ON DRAWING AS SL1)	EACH	15	15	\$ 900.00	\$ 13,500.00
173	15012	CONNECT 1" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X1" TAPPING SADDLE, A 1" CORP. AND BEND EXISTING PIPE INTO NEW CORP.) (NOTED ON DRAWING AS SL2)	EACH	5	5	\$ 1,000.00	\$ 5,000.00
174	15013	CONNECT 1-1/4" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X1-1/4" TAPPING SADDLE, A 1-1/4" CORP. AND BEND EXISTING PIPE INTO NEW CORP.) (NOTED ON DRAWING AS SL3)	EACH	3	3	\$ 1,100.00	\$ 3,300.00
175	15014	CONNECT 1" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X1" TAPPING SADDLE, A 1" CORP., ~6' OF 1" PE(CTS) PIPE AND A 1" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL4)	EACH	3	3	\$ 1,500.00	\$ 4,500.00

176	15015	CONNECT 2" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X2" TAPPING SADDLE, A 2" CORP., ~6' OF 2" PE(CTS) PIPE AND A 2" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL5)	EACH	1	1	\$ 2,000.00	\$ 2,000.00
177	15016	CONNECT 1" OR 3/4" SERVICE LATERAL (CONNECT WITH A DIRECT TAP USING A 1" CORP., ~35' OF 1" PE(CTS) PIPE AND A 1" OR A 1"X3/4" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL6)	EACH	6	2	\$ 5,000.00	\$ 10,000.00
178	15017	CONNECT 1" OR 3/4" SERVICE LATERAL (CONNECT WITH DIRECT TAP USING A 1" CORP., ~55' OF 1" PE(CTS) PIPE AND A 1" OR A 1"X3/4" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL7)	EACH	15	15	\$ 5,600.00	\$ 84,000.00
179	15018	CONNECT 1" OR 3/4" SERVICE LATERAL (CONNECT WITH A DIRECT TAP USING A 1" CORP., ~15' OF 1" PE(CTS) PIPE AND A 1" CURB STOP, ROD AND BOX) (NOTED ON DRAWING AS SL8)	EACH	2	6	\$ 3,000.00	\$ 18,000.00
180	15019	CONNECT 6" SERVICE LATERAL (20"X6" TAPPING SLEEVE AND 6" TAPPING VALVE - PROVIDED BY WWU, ~75' OF 6" D. I. PIPE, (AND IF NEEDED) A 6" - 45° BENDS OR 6" SOLID SLEEVE OR 6"X4" REDUCER) (NOTED ON DRAWING AS SL9)	EACH	1	1	\$ 28,000.00	\$ 28,000.00
181	15020	INSULATION 2' WIDE X 4" THICK - (2) 2" POLYSTYRENE BOARD	LF	100	50	\$ 60.00	\$ 3,000.00
182	15021	FURNISH AND INSTALL CURB BOXES & RODS (IF NEEDED)	EACH	10	0	\$ 400.00	\$ -
183	15022	FURNISH AND INSTALL CURB STOP (IF NEEDED)	EACH	10	0	\$ 400.00	\$ -
184	15023	ABANDON EXISTING HYDRANT	EACH	3	5	\$ 500.00	\$ 2,500.00
185	15024	ABANDON VALVE BOXES & MANHOLES	LS	1	1	\$ 250.00	\$ 250.00
185 A	15991	LOWER 1" COPPER SERVICE LATERAL	EACH	8	4	\$ 1,300.00	\$ 5,200.00
185 B	15992	LOWER 1-1/4" COPPER SERVICE LATERAL	EACH	1	3	\$ 1,400.00	\$ 4,200.00
185 C	15993	LOWER 1-1/2" COPPER SERVICE LATERAL	EACH	1	1	\$ 1,500.00	\$ 1,500.00
185 D	15994	LOWER 2" COPPER SERVICE LATERAL	EACH	1	1	\$ 1,600.00	\$ 1,600.00
185 E	15995	FURNISH AND INSTALL 6-INCH D.I. WATER MAIN AND FITTINGS FOR LOWERING AT STA 67+17 (DOPP ST.)	LS	1	0	\$ 12,000.00	\$ -
185 F	15996	FURNISH AND INSTALL 16-INCH D.I. WATER MAIN AND FITTINGS FOR LOWERING AT STA 13+85 (S. MORELAND BLVD), INCLUDING 8-INCH D.I. WATER MAIN AND 8-INCH VALVE AND BOX (IF NECESSARY)	LS	1	1	\$ 35,000.00	\$ 35,000.00

185 G	15997	FURNISH AND INSTALL 8-INCH D.I. WATER MAIN AND FITTINGS FOR LOWERING AT STA 13+90 (S. MORELAND BLVD.), INCLUDING 8-INCH D.I. WATER MAIN AND 8-INCH VALVE AND BOX (IF NECESSARY)	LS	1	1	\$ 14,000.00	\$ 14,000.00
185 H	15998	FURNISH AND INSTALL POLYSTYRENE INSULATION AT WATER MAIN RELOCATIONS, WHERE NEEDED	LF	36	72	\$ 90.00	\$ 6,480.00
185 I		CO #3 - EXTRA #1 - INSTALL 8" WATERMAIN FROM 20" IN S MORELAND BLVD & W ST PAUL AVE	LS		1	\$ 13,800.00	\$ 13,800.00
185 J		CO #5 - EXTRA #2 - LINDBERGH AVENUE AND WELL HOUSE	LS		1	\$ 42,137.51	\$ 42,137.51
185 K		CO #6 - EXTRA #3 - INSTALLATION OF STEEL SHEETING TO PROTECT EXISTING 20" WATERMAIN	LS		1	\$ 30,000.00	\$ 30,000.00
185 L		CO #7 - EXTRA #4 - WATERMAIN CONFLICT AT MORELAND & DOPP	LS		1	\$ 5,488.00	\$ 5,488.00
WAUKESHA WATER UTILITY SUBTOTAL:							\$ 721,292.81

W ST. PAUL AVE CULVERT REPLACEMENT BID ITEMS							
186	01001	TRAFFIC CONTROL	LS	1	1	\$ 5,000.00	\$ 5,000.00
187	02002	SILT FENCE	LF	460	361	\$ 2.00	\$ 722.00
188	02003	EROSION BALES	EACH	5	0	\$ 15.00	\$ -
189	02005	INLET PROTECTION	EACH	4	2	\$ 80.00	\$ 160.00
190	02106	TEMPORARY DITCH CHECK	EACH	5	2	\$ 50.00	\$ 100.00
191	02166	CULVERT PIPE CHECK	EACH	1	0	\$ 60.00	\$ -
192	03001	CLEARING	LS	1	1	\$ 5,500.00	\$ 5,500.00
193	03002	GRUBBING	LS	1	1	\$ 3,500.00	\$ 3,500.00
194	03100	REMOVE SEWER MANHOLE	EACH	1	1	\$ 1,000.00	\$ 1,000.00
195	03110	REMOVE PIPE	LF	210	210	\$ 30.00	\$ 6,300.00
196	03300	REMOVE EXISTING CURB AND GUTTER	LF	142	142	\$ 10.00	\$ 1,420.00
197	03331	REMOVE EXISTING SIDEWALK	SY	55	55	\$ 20.00	\$ 1,100.00
198	04002	EXCAVATION CUT	CY	595	595	\$ 50.00	\$ 29,750.00
199	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	55	55	\$ 80.00	\$ 4,400.00
200	04101	SELECT BACKFILL FOR STORM SEWER	LF	192	125	\$ 12.00	\$ 1,500.00
201	04120	SLURRY BACKFILL (DOES NOT INCLUDE MH-5, MH-6, MH- 7 AND MH-10)	CY	22	22	\$ 70.00	\$ 1,540.00
202	05157	6-INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	42	42	\$ 200.00	\$ 8,400.00
203	05875	58"X91" ELLIPTICAL RCP	LF	156	156	\$ 1,281.50	\$ 199,914.00

204	05880	PRECAST CONCRETE ENDWALL	EACH	2	2	\$ 15,500.00	\$ 31,000.00
205	05902	MEDIUM RIPRAP	CY	65	62.5	\$ 92.00	\$ 5,750.00
206	05903	HEAVY RIPRAP	CY	142	142	\$ 105.00	\$ 14,910.00
207	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	40	40	\$ 5.00	\$ 200.00
208	05990	JUNCTION STRUCTURE	EACH	1	1	\$ 58,584.00	\$ 58,584.00
209	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	142	142	\$ 40.00	\$ 5,680.00
210	07304	4-INCH CONCRETE SIDEWALK	SF	490	490	\$ 7.00	\$ 3,430.00
211	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	342	270	\$ 3.00	\$ 810.00
212	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	342	270	\$ 0.50	\$ 135.00
213	08050	UTILITY TRENCH PATCH - TEMPORARY	SY	101	46	\$ 140.00	\$ 6,496.00
214	08206	HMA PAVEMENT TYPE 3LT5828H	TON	33.9	33.9	\$ 250.00	\$ 8,475.00
215	08208	HMA PAVEMENT TYPE 5LT5828H	TON	22	8.6	\$ 80.00	\$ 688.00
216	11990	REMOVE, STORE, RELOCATE AND REINSTALL EXISTING STREET LIGHT	LS	1	1	\$ 6,500.00	\$ 6,500.00
217	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	1,192.3	1,192.3	\$ 6.00	\$ 7,154.00
218	14312	EROSION MATTING, CLASS III, TYPE C	SY	300		\$ 4.50	\$ -
219	15015	CONNECT 2" COPPER SERVICE LATERAL (CONNECT WITH AN 8"X2" TAPPING SADDLE, A 2" CORP., ~6' OF 2" PE(CTS) PIPE AND A 2" STRAIGHT COUPLING) (NOTED ON DRAWING AS SL5)	EACH	1	1	\$ 2,000.00	\$ 2,000.00
220	15021	FURNISH AND INSTALL CURB BOXES & RODS (IF NEEDED)	EACH	1	1	\$ 380.00	\$ 380.00
221	15022	FURNISH AND INSTALL CURB STOP (IF NEEDED)	EACH	1	1	\$ 425.00	\$ 425.00
222	15990	1-1/4" PE (CTS) PIPE	LF	20	20	\$ 145.00	\$ 2,900.00
W ST. PAUL AVE CULVERT REPLACEMENT SUBTOTAL:							\$ 425,823.00

AT&T UTILITY CONFLICT BID ITEMS							
223		CO #3 - EXTRA #1 - RESOLVE SANITARY INTERCEPTOR SEWER CONFLICT WITH AT&T DUCT PACKAGE	LS		1	\$ 9,825.65	\$ 9,825.65
AT&T UTILITY CONFLICT BID ITEMS SUBTOTAL:							\$ 9,825.65

WE ENERGIES RESTORATION BID ITEMS							
224	03300	CO #7 - EXTRA #1 - REMOVE EXISTING CURB AND GUTTER	LF		132	\$ 10.00	\$ 1,320.00
225	03331	CO #7 - EXTRA #2 - REMOVE EXISTING SIDEWALK	SY		98.3	\$ 20.00	\$ 1,966.00
226	07130	CO #7 - EXTRA #3 - 30" TYPE A CONCRETE CURB & GUTTER	LF		132	\$ 40.00	\$ 5,280.00
227	07301	CO #7 - EXTRA #4 - CURB RAMP DETECTABLE WARNING FIELDS	SF		30	\$ 38.00	\$ 1,140.00
228	07304	CO #7 - EXTRA #5 - 4-INCH CONCRETE SIDEWALK	SF		885	\$ 7.00	\$ 6,195.00
229	14005	CO #7 - EXTRA #6 - TOPSOIL AND SOD	SY		120	\$ 9.00	\$ 1,080.00
WE ENERGIES RESTORATION BID ITEMS SUBTOTAL:							\$ 16,981.00

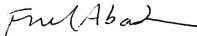
Total \$ 19,741,618.10
 Less Retainage \$ 225,000.00

 Total \$ 19,516,618.10
 Less Previously Paid \$ 19,237,925.02

 Total Amount Due \$ 278,693.08

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$278,693.08 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
 Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Wil-Surge Electric, Inc., 13201 W. Silver Spring Road, Butler, WI 53007 for Mindiola And Buchner Parks Install City Furnished Musco Lighting Units.

Contract No. # 4179

CONTRACT DATE: May 29, 2020

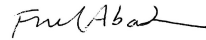
Original \$ 221,930.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
BUCHNER PARK TENNIS COURTS							
1		Remove and Dispose of existing Tennis Court Poles, Luminares, and Concrete Bases	Each	12	6.00	\$ 1,895.00	\$ 11,370.00
2		Install City Furnished Musco Poles and Luminares - Buchner	Each	8		\$ 1,925.00	\$ -
3		Install City Furnished Musco Precast Concrete Foundations - Buchner	Each	8	8.00	\$ 3,420.00	\$ 27,360.00
4	11102	Supply and Install 2-inch Conduit Special - Buchner	Linear Foot	480	480.00	\$ 17.50	\$ 8,400.00
6	11125	#6 XLP USE Wire	Linear Foot	8,500		\$ 0.98	\$ -
7	11124	#8 XLP USE Wire	Linear Foot	2,500		\$ 0.78	\$ -
8		Install City Furnished Musco Control Cabinet - Buchner	Each	1		\$ 2,850.00	\$ -
9	11026	Supply and Install 24-inch Pull Box	Each	5		\$ 825.00	\$ -
10		Storage of Musco Luminares	Lump Sum	1		\$ 5,500.00	\$ -
11		Concrete Patching	Each	10		\$ 670.00	\$ -
12	04020	1.25-inch Crushed Stone Roadway Base	Ton	44		\$ 63.50	\$ -
SUBTOTAL BUCHNER PARK TENNIS COURTS							
MINDIOLA SOCCER FIELD							
13		Install City Furnished Musco Poles and Luminares - Mindiola	Each	4		\$ 2,325.00	\$ -
14		Install City Furnished Musco Precast Concrete Foundations - Mindiola	Each	4		\$ 13,302.00	\$ -
15		Supply and Install 2-inch Conduit Special - Mindiola	Linear Foot	1,200		\$ 14.28	\$ -
16	11126	#4 XLP USE Wire	Linear Foot	8,000		\$ 1.30	\$ -
17	11125	#6 XLP USE Wire	Linear Foot	2,000		\$ 0.98	\$ -
18		Supply and Install Outdoor 400-amp 208-volt, three phase service - Mindiola	Lump Sum	1		\$ 4,777.00	\$ -
19		Install City Furnished Musco Control Cabinet - Mindiola	Each	1		\$ 2,900.00	\$ -
20	11026	Supply and Install 24-inch Pull Box	Each	4		\$ 850.00	\$ -
21		Supply and Install Galvanized Steel Support Structure - Mindiola	Lump Sum	1		\$ 4,200.00	\$ -
22		Storage of Musco Luminares	Lump Sum	1		\$ 8,500.00	\$ -
SUBTOTAL BUCHNER PARK TENNIS COURTS							
TOTAL BID (BUCHNER TENNIS COURTS + MINDIOLA SOCCER FIELD)							

Total	\$	47,130.00
Less Retainage	\$	2,356.50
Total	\$	44,773.50
Less Previously Paid		
Total Amount Due	\$	44,773.50

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$44,773.50 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works

September 17, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to Wolf Paving Co., Inc., 612 N. Sawyer Road, Oconomowoc, WI 53066 for 2020 Resurfacing And Area 1 and 2 Flood Mitigation.

Contract No. #4167

CONTRACT DATE: May 5, 2020

Original \$ 2,197,372.89

CO1 \$ 2,956,019.89

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.50	\$ 21,972.89	\$ 10,986.45
2	02003	EROSION BALES	EA	20		\$ 15.00	\$ -
3	02005	INLET PROTECTION	EA	40		\$ 53.00	\$ -
4	02990	BYPASS PUMPING	LS	1		\$ 31,500.00	\$ -
5	03011	CLEARING	STA	12	9.18	\$ 1,375.00	\$ 12,622.50
6	03250	REMOVE FENCE	LF	55		\$ 25.00	\$ -
7	03331	REMOVE EXISTING SIDEWALK	SF	9500	7626.85	\$ 3.20	\$ 24,405.92
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	400		\$ 2.25	\$ -
9	04002	EXCAVATION CUT	CY	6125	5250.00	\$ 35.00	\$ 183,750.00
10	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 2.02	\$ -
11	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 2.41	\$ -
12	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000		\$ 13.55	\$ -
13	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.40	\$ -
14	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	17000		\$ 1.21	\$ -
15	05020	SANITARY SEWER MANOLE ADJUSTMENT	EA	11		\$ 1,100.00	\$ -
16	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EA	37	35.00	\$ 1,875.00	\$ 65,625.00
17	05050	INTERNAL CHIMNEY SEAL	EA	37		\$ 500.00	\$ -
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EA	9		\$ 750.00	\$ -
19	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EA	3		\$ 860.00	\$ -
20	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GAL	20		\$ 10.00	\$ -
21	05485	2'X3' STORM INLET	EA	3	3.00	\$ 1,200.00	\$ 3,600.00
22	05542	12 INCH RCP STORM SEWER PIPE	LF	105	100.00	\$ 90.00	\$ 9,000.00
23	05545	15 INCH RCP STORM SEWER PIPE	LF	25	25.00	\$ 130.00	\$ 3,250.00
24	05680	STORM SEWER INLET REPAIR	VF	30	30.00	\$ 1,000.00	\$ 30,000.00
25	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
26	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EA	1		\$ 1,600.00	\$ -
27	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EA	1	1.00	\$ 750.00	\$ 750.00
28	05902	MEDIUM RIPRAP	CY	60	40.00	\$ 130.00	\$ 5,200.00
29	05903	HEAVY RIPRAP	CY	575	343.00	\$ 100.00	\$ 34,300.00
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	9175	5470.00	\$ 0.01	\$ 54.70

31	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1665		\$ 1.85	\$ -
32	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	130		\$ 9.50	\$ -
33	05990	DEVONSHIRE CT SANITARY SEWER REPAIR	LS	1	1.00	\$ 9,500.00	\$ 9,500.00
34	05991	CHEMICAL GROUT SEALING OF SANITARY SEWER	EA	1		\$ 900.00	\$ -
35	05995	4'H x 6'W BOX CULVERT	LF	248	200.00	\$ 650.00	\$ 130,000.00
36	05996	4'H x 8'W BOX CULVERT	LF	461	461.00	\$ 800.00	\$ 368,800.00
37	05997	4'H x 10'W BOX CULVERT	LF	98	50.00	\$ 1,100.00	\$ 55,000.00
38	05881	4'H x 6'W BOX CULVERT END SECTION	EA	4	4.00	\$ 2,500.00	\$ 10,000.00
39	05998	4'H x 8'W BOX CULVERT END SECTION	EA	10	8.00	\$ 2,750.00	\$ 22,000.00
40	05999	4'H x 10'W BOX CULVERT END SECTION	EA	2	2.00	\$ 3,000.00	\$ 6,000.00
41	06500	TYPE A SLURRY	CY	50		\$ 65.00	\$ -
42	07002	CONCRETE CURB AND GUTTER REMOVAL And REPLACEMENT	LF	1450	1400.00	\$ 50.70	\$ 70,980.00
43	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	496	408.00	\$ 50.00	\$ 20,400.00
44	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
45	07304	4-INCH CONCRETE SIDEWALK	SF	9500	7626.85	\$ 7.00	\$ 53,387.95
46	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	17700		\$ 2.01	\$ -
47	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	17000		\$ 2.21	\$ -
48	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	8750		\$ 0.20	\$ -
49	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	400		\$ 12.05	\$ -
50	08065	HMA PAVEMENT PATCHING	SY	1000		\$ 15.32	\$ -
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3000		\$ 63.50	\$ -
52	08205	HMA PAVEMENT TYPE 5LT5828S	TON	3100		\$ 69.10	\$ -
53	08403	PAVEMENT CRACK SEALING	SY	8750		\$ 1.38	\$ -
54	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	3400		\$ 1.65	\$ -
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	80		\$ 3.35	\$ -
56	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	315		\$ 2.45	\$ -
57	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	415		\$ 4.95	\$ -
58	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	75		\$ 7.45	\$ -
59	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EA	1		\$ 165.00	\$ -
60	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 7.30	\$ -
61	14005	TOPSOIL & SOD	SY	1000	500.00	\$ 12.80	\$ 6,400.00
62	14101	SPLIT-RAIL WOOD FENCE	LF	55		\$ 42.40	\$ -
63	15001	WATERMAIN OFFSETS	EA	3	3.00	\$ 8,500.00	\$ 25,500.00
64	14990	VEGITATED RIP RAP	SY	9,175	677.00	\$ 0.01	\$ 6.77

MANDATORY ALTERNATE #1 - REMOVAL OF COFFER DAM

1	03989	REMOVE COFFER DAM, MINOR GRADING, AND RESTORE WITH VEGETATED RIP RAP	LS	1	0.50	\$ 12,500.00	\$ 6,250.00
---	-------	--	----	---	------	--------------	-------------

MANDATORY ALTERNATE #2 - RUBEN DRIVE AND LAURA LANE

1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 2,480.00	\$ 2,480.00
2	02003	EROSION BALES	EACH	20		\$ 15.00	\$ -
3	02005	INLET PROTECTION	EACH	39		\$ 53.00	\$ -
4	03331	REMOVE EXISTING SIDEWALK	SF	6350	4560.56	\$ 3.20	\$ 14,593.79
5	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	415		\$ 2.25	\$ -
6	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 1.82	\$ -
7	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 3.50	\$ -
8	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000		\$ 13.60	\$ -
9	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.81	\$ -
10	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	18200	17899.00	\$ 1.00	\$ 17,899.00
11	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EACH	26	26.00	\$ 1,875.00	\$ 48,750.00
12	05050	INTERNAL CHIMNEY SEAL	EACH	26	20.00	\$ 500.00	\$ 10,000.00
13	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	216	174.00	\$ 135.00	\$ 23,490.00
14	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	26		\$ 1,275.00	\$ -
15	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	10	5.00	\$ 750.00	\$ 3,750.00
16	05680	STORM SEWER INLET REPAIR	VF	30	20.00	\$ 1,000.00	\$ 20,000.00
17	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
18	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	2	2.00	\$ 1,875.00	\$ 3,750.00
19	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	845		\$ 1.95	\$ -
20	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	6		\$ 305.00	\$ -
21	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	910	959.70	\$ 50.70	\$ 48,656.79
22	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	336	352.00	\$ 50.00	\$ 17,600.00
23	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
24	07304	4-INCH CONCRETE SIDEWALK	SF	6350	6060.56	\$ 7.00	\$ 42,423.92
25	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	18200	17899.00	\$ 2.21	\$ 39,556.79
26	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3200	2935.82	\$ 58.40	\$ 171,451.89
27	08205	HMA PAVEMENT TYPE 5LT5828S	TON	2200	1813.17	\$ 64.10	\$ 116,224.20
28	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1200	1100.00	\$ 1.65	\$ 1,815.00
29	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	305	250.00	\$ 2.45	\$ 612.50
30	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18 INCH	LF	85	60.00	\$ 7.45	\$ 447.00
31	14005	TOPSOIL & SOD	SY	800		\$ 12.80	\$ -
32		SANITARY CREDIT					\$ (3,150.00)

MANDATORY ALTERNATE #3 - PARKING LOT #8 MAINTENANCE

1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 1,780.00	\$ 1,780.00
2	02005	INLET PROTECTION	EA	3		\$ 53.00	\$ -
3	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	20		\$ 14.55	\$ -
4	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	5600	6,192.00	\$ 2.36	\$ 14,613.12
5	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	1100	474.00	\$ 4.01	\$ 1,900.74
6	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	5600	6,192.00	\$ 0.25	\$ 1,548.00
7	08065	HMA PAVEMENT PATCHING	SY	100		\$ 26.00	\$ -
8	08203	HMA PAVEMENT TYPE 3LT5828S	TON	190	78.00	\$ 64.00	\$ 4,992.00
9	08205	HMA PAVEMENT TYPE 5LT5828S	TON	800	769.90	\$ 67.25	\$ 51,775.78
10	08403	PAVEMENT CRACK SEALING	SY	5600		\$ 1.02	\$ -

MANDATORY ALTERNATE #4 - DROP OFF CENTER PAVING

1	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	550		\$ 14.35	\$ -
2	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	100		\$ 36.49	\$ -
3	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	1100		\$ 1.61	\$ -
4	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	1100	939.00	\$ 4.86	\$ 4,563.54
5	08203	HMA PAVEMENT TYPE 3LT5828S	TON	190	139.94	\$ 62.30	\$ 8,718.26
6	08205	HMA PAVEMENT TYPE 5LT5828S	TON	130	120.00	\$ 74.20	\$ 8,904.00

Total \$ 1,846,915.61

Less Retainage \$ 92,345.78

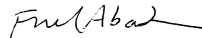
Total \$ 1,754,569.83

Less Previously Paid \$ 1,558,785.56

Total Amount Due \$ 195,784.27

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$195,784.27 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works