

July 9, 2020

SUMMARY TABLE
FOR
PARTIAL PAYMENTS

1.	Advance Construction, Inc., for the Roberta Ave. and Tenny Ave. Utility and Street Improvements	\$ 256,146.86
2.	Blair Fire Protection for the Fire Sprinkler Upgrades to Fire Station No. 4	\$ 47,177.00
3.	Greenfire Management Service for the Waukesha City Hall	\$1,366,816.78
4.	H & H Civil Construction for the Artificial Turf Installation at Frame and Mindiola Parks	\$ 94,430.00
5.	J&A Pohl, Inc. for Concrete Pavement Patching & Concrete Sawing.....	\$ 68,638.80
6.	Musson Bros., Inc., for the Sanitary Sewer Lining-Pebble Valley Area	\$ 125,408.25
7.	PSG Construction, Inc., for the Pump Station Upgrades at Pearl Street	\$ 3,000.00
8.	State Contractors, Inc. for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement.	\$ 567,023.50
9.	State Contractors, Inc. for S. Hartwell Avenue And Oxford Road Utility And Street Improvements (Base Bid).	\$ 385,017.84
10.	Wolf Paving for 2020 Resurfacing and Area 1 and 2 Flood Mitigation.....	\$ 93,855.67

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July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 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	0.60	\$ 55,000.00	\$ 33,000.00
2	02002	SILT FENCE	LF	300		\$ 2.50	\$ -
3	02003	EROSION BALES	EACH	30		\$ 10.00	\$ -
4	02005	INLET PROTECTION	EACH	15	6.00	\$ 100.00	\$ 600.00
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	9,100.00	\$ 0.75	\$ 6,825.00
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	300	265.70	\$ 2.25	\$ 597.83
9	03600	REMOVE EXISTING CONCRETE ROADWAY	SY	7,000	6,917.10	\$ 6.75	\$ 46,690.43
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	4,000.00	\$ 15.00	\$ 60,000.00
15	04120	SLURRY BACKFILL	CY	250		\$ 100.00	\$ -
16	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	1,000	1,200.00	\$ 22.50	\$ 27,000.00
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	19.00	\$ 1,610.00	\$ 30,590.00
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		\$ 39.00	\$ -

43	07008	8-INCH CONCRETE PAVEMENT	SY	11,250		\$ 39.65	\$ -
44	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	2,400		\$ 23.60	\$ -
45	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	50		\$ 15.00	\$ -
46	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	168		\$ 40.00	\$ -
47	07302	PEDESTRIAN CURB	LF	100		\$ 27.00	\$ -
48	07304	4-INCH CONCRETE SIDEWALK	SF	6,000		\$ 5.40	\$ -
49	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,750		\$ 6.00	\$ -
50	07990	DRILLED TIE BARS	LF	2,500		\$ 2.80	\$ -
51	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	50		\$ 135.00	\$ -
52	08205	HMA PAVEMENT TYPE 5 LT 58 28 S	TON	35		\$ 150.00	\$ -
53	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	5		\$ 195.00	\$ -
54	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	575		\$ 5.35	\$ -
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	225		\$ 9.25	\$ -
56	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	125		\$ 16.25	\$ -
57	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	2		\$ 265.00	\$ -
58	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	1		\$ 265.00	\$ -
59	14005	TOPSOIL & SOD	SY	2,500		\$ 8.95	\$ -
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 \$ 908,848.77

Less Retainage \$ 45,442.44

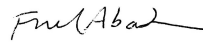
Total \$ 863,406.33

Less Previously Paid \$ 607,259.47

Total Amount Due \$ 256,146.86

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$256,146.86 be allowed.

Respectfully Submitted,



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

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Blair Fire Protection, 13111 W. Silver Spring Drive, Butler, WI 53007 for Fire Sprinkler Upgrades to Fire Station No. 4 (1700 Northview Rd.).

Contract No. #4157

CONTRACT DATE: March 17, 2020

Original \$ 65,000.00

Line No.	Item No.	Item Description	Unit	Approx. Quantities	Completed Quantity	Unit Bid Price	Amount
1	1.0	Fully functional Fire Suppression System NFPA Compliant	Lump Sum	1	0.72	\$ 65,000.00	\$ 46,802.00
				TOTAL			\$ -

Total \$ 46,802.00

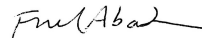
Less Retainage \$ 1,625.00

Total \$ 45,177.00

Less Previously
Total Amount Due \$ 45,177.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$45,177.00 be allowed.

Respectfully Submitted,



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

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 to *Greenfire Management Service*, 3215 W. State St., Ste. 200, Milwaukee, WI 53208 for the Waukesha City Hall.

Contract No. #4136

CONTRACT DATE: Sept 3, 2019

Original \$ 19,693,300.00

Updated \$ 19,882,379.68

Item No.	Item Description	Scheduled Value	Completed Work
1000	General Conditions	\$1,316,760.00	\$ 653,287.03
2000	Existing Conditions/Demolition	\$395,000.00	\$ 72,180.00
3000	Concrete	\$1,179,049.00	\$ 1,009,635.00
4000	Masonry	\$1,644,630.00	\$ 300,500.00
5000	Metals	\$1,975,310.00	\$ 1,725,292.40
6000	General Carpentry	\$143,321.00	\$ 57,660.00
6400	Millwork	\$255,658.00	
7000	Thermal & Moisture Protection	\$151,780.00	\$ 115,495.00
7400	Siding	\$944,975.00	
7500	Roofing	\$382,688.00	\$ 311,261.45
7800	Fire & Smoke Protections	\$110,683.00	\$ 96,630.00
7900	Caulking	\$25,100.00	
8100	Doors & Frames	\$203,779.00	\$ 40,330.00
8300	Speciality Doors & Horizontal Shutters	\$315,627.00	\$ 276,124.00
8400	Entrances & Storefronts	\$1,104,020.00	\$ 725,000.00
8900	Louvers	\$9,820.00	
9200	Drywall	\$1,286,000.00	\$ 863,120.00
9500	Acoustical Ceilings	\$188,365.00	
9600	Flooring-General	\$500,835.00	\$ 26,639.00
9900	Painting	\$140,000.00	
10000	Specialties	\$104,937.00	
11000	Equipment	\$47,923.00	\$ 22,667.00
12200	Window Treatments	\$77,066.00	
14200	Elevators	\$107,159.00	\$ 89,515.00
21000	Fire Protection	\$170,000.00	\$ 120,464.48
22000	Plumbing	\$535,000.00	\$ 290,810.00
23000	HVAC	\$1,840,000.00	\$ 781,825.00
26000	Electrical	\$1,856,852.00	\$ 312,000.00
27000	Communications	\$350,337.00	\$ 52,294.65
27400	Audio-Video Communications	\$366,980.00	
28000	Electronic Safety and Security	\$252,090.00	

31000	Sitework	\$510,000.00	\$ 499,297.00
32100	Paving	\$232,535.00	
32310	Fences & Gates	\$35,000.00	\$ 18,566.00
32900	Landscaping	\$181,753.00	\$ 61,110.19
33000	Site Utilities	\$240,000.00	\$ 177,728.00
99000	Fee and Insurance	\$564,398.00	\$ 252,850.30

Total \$ 8,952,281.50

Less Retainage \$ 447,614.08

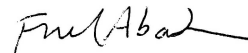
Total \$ 8,504,667.42

Less Previously Paid \$ 7,137,850.64

Total Amount Due \$ 1,366,816.78

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,366,816.78 be allowed.

Respectfully Submitted,



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

Director of Public Works

July 9,2020

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 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		\$ 4.00	\$ -
3	Silt Fence	634	LF		\$ 3.42	\$ -
4	Stone Construction Entrance	1	EA		\$ 5,000.00	\$ -
5	Inlet Protection	1	EA		\$ 150.00	\$ -
6	Remove Existing Storm Sewer	417	LF		\$ 16.00	\$ -
7	10" Storm Sewer Connection to Field Drainage System	231	LF		\$ 24.00	\$ -
8	Earthwork	1	LS		\$ 71,000.00	\$ -
9	Left Field Drain Tile and Clear Stone Trench	474	LF		\$ 28.00	\$ -
10	Irrigation adjustments (Allowance)	1	LS		\$ 15,000.00	\$ -
11	27" RCP Storm Sewer	417	LF		\$ 74.00	\$ -
12	48" Storm Sewer Manhole	2	EA		\$ 3,800.00	\$ -
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		\$ 8.05	\$ -
14	Modular Block Retaining Wall	126	FF		\$ 50.00	\$ -
15	Chain Link Fence (4') (Black Polymer Coated)	285	LF		\$ 29.00	\$ -
16	Chain Link Fence (8') (Black Polymer Coated)	938	LF		\$ 44.83	\$ -
17	Chain Link Fence (16') (Black Polymer Coated)	152	LF		\$ 119.75	\$ -
18	20' Wide (8') Fence Gate (Black Polymer Coated, double swing)	2	EA		\$ 2,300.00	\$ -
19	8' Wide (8') Fence Gate (Black polymer coated, double swing)	1	EA		\$ 1,680.00	\$ -
20	8' Wide (4') Fence Gate (Black Polymer Coated, double swing)	3	EA		\$ 1,400.00	\$ -

21	4' Wide (4') Fence Gate (Black Polymer Coated)	2	EA		\$ 1,005.00	\$ -
22	Foul Pole Installation	2	EA		\$ 1,800.00	\$ -
23	Dugout Installation	2	EA		\$ 7,275.00	\$ -
24	Dugout Concrete Pads	736	SF		\$ 13.50	\$ -
25	Dugout Railings	2	EA		\$ 6,000.00	\$ -
26	Existing Backstop Netting Adjustments	1	LS		\$ 3,500.00	\$ -
27	Warning Track Material	106	TONS		\$ 350.00	\$ -
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		\$ 630.00	\$ -
31	Base Jewels	2	EA		\$ 137.00	\$ -
32	Home Plate	7	EA		\$ 323.00	\$ -
33	Base Anchors	10	EA		\$ 149.00	\$ -
34	Portable Mound	1	LS		\$ 18,100.00	\$ -
35	Pitching Rubber	6	EA		\$ 260.00	\$ -
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		\$ 53,000.00	\$ -
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	\$ -

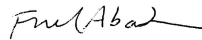
51	Stone Construction Entrance	1	EA		\$ 5,000.00	\$ -
52	Inlet Protection	2	EA		\$ 150.00	\$ -
53	Temporary Ditch Check	3	EA		\$ 250.00	\$ -
54	12" Storm Sewer Connection to Field Drainage System	70	LF		\$ 28.00	\$ -
55	Apron Endwall with Grate	2	EA		\$ 500.00	\$ -
56	Medium Rip-Rap	64	SF		\$ 30.00	\$ -
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	\$ -
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Total	\$	99,400.00
Less Retainage	\$	4,970.00
Total	\$	94,430.00
Less Previously Paid		
Total Amount Due	\$	94,430.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$94,430.00 be allowed.

Respectfully Submitted,



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

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 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

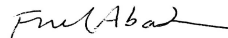
Original \$ 317,550.00

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	17507.34	\$ 7.10	\$ 124,302.11
2	07258	8-Inch Concrete Pavement Patching with HMA Overlay	Sq. Ft.	4,000		\$ 15.00	\$ -
3	03501	Saw Full Depth	Lin Ft.	10,000	4145.8	\$ 1.60	\$ 6,633.28
4	07002	Lin. Ft. of Concrete Curb and Gutter Replacement	Lin. Ft.	200	77.6	\$ 35.50	\$ 2,754.80
5	07200	Drilled Tie Bars	Each	3,700	844	\$ 1.00	\$ 844.00

Total \$ 134,534.19
Less Retainage \$ 6,726.71
Total \$ 127,807.48
Less Previously \$ 59,168.68
Total Amount Due \$ 68,638.80

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$68,638.80 be allowed.

Respectfully Submitted,



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

Director of Public Works

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to Musson Bros., Inc., 1522 Pearl Street, Waukesha, WI 53186 for Sanitary Sewer Lining - Pebble Valley Area.

Contract No. #4153

CONTRACT DATE: January 31, 2020

Original \$ 1,742,935.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.5	\$ 10,000.00	\$ 5,000.00
2	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT (APPROX. 32 VERT. FT.)	EACH	28		\$ 1,075.00	\$ -
3	05050	INTERNAL CHIMNEY SEAL	EACH	28		\$ 725.00	\$ -
4	05056	SANITARY LATERAL CLEANOUT	EACH	213	187	\$ 1,325.00	\$ 247,775.00
5	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	213	76	\$ 250.00	\$ 19,000.00
6	05075	SANITARY SEWER SPOT REPAIR	EACH	3		\$ 8,925.00	\$ -
7	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	5		\$ 5,250.00	\$ -
8	05080	SANITARY LATERAL REINSTATEMENT	EACH	188	187	\$ 95.00	\$ 17,765.00
9	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	10300	10302	\$ 24.75	\$ 254,974.50
10	05311	15 INCH CIPP SANITARY SEWER PIPE	LF	1070	1070	\$ 45.00	\$ 48,150.00
11	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	188	76	\$ 3,150.00	\$ 239,400.00
12	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT.	LF	4600	1,173	\$ 45.00	\$ 52,785.00
13	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 123	EACH	11		\$ 1,700.00	\$ -
14	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	26		\$ 700.00	\$ -
15	05430	REPLACE SANITARY SEWER COVER	EACH	18		\$ 350.00	\$ -
16	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	28	56	\$ 200.00	\$ 11,200.00
17	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE		25	19	\$ 2,600.00	\$ 49,400.00
18	05991	NOT USED					\$ -
18A	05992	REHABILITATE SANITARY MANHOLE CHIMNEY W/ CURED IN PLACE CHIMNEY	EACH	18		\$ 600.00	\$ -
19	07003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	1400		\$ 9.50	\$ -
20	08990	ASPHALT PAVEMENT PATCHING	EACH	28		\$ 1,000.00	\$ -
21	14005	TOPSOIL & SOD	SY	400		\$ 20.00	\$ -

Total \$ 945,449.50

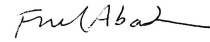
Less Retainage \$ 43,573.38

Total \$ 901,876.12

Less Previously Paid	\$	776,467.77
Total Amount Due	\$	125,408.35

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$125,408.35 be allowed.

Respectfully Submitted,



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

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 (FINAL) to PSG Construction, Inc., 448 Falcon Ridge Dr., Ste. B, Burlington, WI 53105 for Pump Station Upgrades at Pearl Street.

Contract No. #4091

CONTRACT DATE: December 14, 2018

Original \$ 492,005.00

Amended \$ 506,224.50

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	02002	Silt Fence	LF	250	240	\$ 2.50	\$ 600.00
2	02003	Erosion Bales	EACH	10		\$ 10.00	\$ -
3	02005	Inlet Protection	EACH	4		\$ 150.00	\$ -
4	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	60	36.28	\$ 24.00	\$ 870.72
5	05992	Pearl Street Pump Station Upgrade with New Control Building	LS	1	1	\$ 479,000.00	\$ 479,000.00
6	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	25	31.97	\$ 250.00	\$ 7,992.50
7	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	350.0	433.4	\$ 11.40	\$ 4,940.76
CO1		Additional force main replacement & masonry credit	LS		1	\$ 7,083.00	\$ 7,083.00
CO2		Electrical work to reconfigure controls	LS		1	\$ 5,394.00	\$ 5,394.00

Total \$ 505,880.98

Less Retainage \$ -

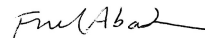
Total \$ 505,880.98

Less Previously Paid \$ 502,880.98

Total Amount Due \$ 3,000.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$3,000.00 be allowed.

Respectfully Submitted,



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

Director of Public Works

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151 for S. Hartwell Avenue And Oxford Road Utility And Street Improvements (Base Bid).

Contract No. #4151

CONTRACT DATE: January 31, 2020

Original \$ 1,850,888.50

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$ 25,000.00	\$ 18,750.00
2	02003	EROSION BALES	EACH	20		\$ 5.00	\$ -
3	02005	INLET PROTECTION	EACH	20	12.00	\$ 40.00	\$ 480.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	5400	5300.00	\$ 3.00	\$ 15,900.00
5	03331	REMOVE EXISTING SIDEWALK	SF	15500	10000.00	\$ 2.00	\$ 20,000.00
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	230	204.00	\$ 4.00	\$ 816.00
7	03650	REMOVE EXISTING ROADWAY	SY	8500	8161.83	\$ 10.00	\$ 81,618.30
8	04010	SHAPING AND GRADING TO SUBGRADE	LF	2900	2800.00	\$ 35.00	\$ 98,000.00
9	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 3.00	\$ -
10	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 3.00	\$ -
11	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	5500	5500.00	\$ 18.00	\$ 99,000.00
12	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	3000	571.78	\$ 13.00	\$ 7,433.14
13	05050	INTERNAL CHIMNEY SEAL	EACH	10		\$ 500.00	\$ -
14	05056	SANITARY LATERAL CLEANOUT	EACH	29	27.00	\$ 1,632.00	\$ 44,064.00
15	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	29	27.00	\$ 265.50	\$ 7,168.50
16	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 6,200.00	\$ -
17	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 6,000.00	\$ -
18	05080	SANITARY LATERAL REINSTATEMENT	EACH	7	5.00	\$ 76.50	\$ 382.50
19	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	7		\$ 367.20	\$ -
20	05108	8 INCH PVC SANITARY SEWER PIPE	LF	415	422.60	\$ 120.00	\$ 50,712.00
21	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	105	82.00	\$ 160.00	\$ 13,120.00
22	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	710	704.00	\$ 25.50	\$ 17,952.00
23	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	29	28.00	\$ 3,320.10	\$ 92,962.80
24	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	290	70.00	\$ 56.10	\$ 3,927.00
25	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	14	12.00	\$ 400.00	\$ 4,800.00

26	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	2		\$ 1,632.00	\$ -
27	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	8		\$ 1,200.00	\$ -
28	05475	48-INCH STORM SEWER MANHOLE	EACH	4	4.00	\$ 1,700.00	\$ 6,800.00
29	05485	2'X3' STORM INLET	EACH	8	8.00	\$ 1,200.00	\$ 9,600.00
30	05542	12 INCH RCP STORM SEWER PIPE	LF	125	100.00	\$ 130.00	\$ 13,000.00
31	05545	15 INCH RCP STORM SEWER PIPE	LF	580	450.00	\$ 75.00	\$ 33,750.00
32	05680	STORM SEWER INLET REPAIR	VF	20		\$ 750.00	\$ -
33	05681	STORM SEWER INLET ADJUSTMENT	EACH	4		\$ 450.00	\$ -
34	05692	STORM SEWER MANHOLE REPAIR	VF	10		\$ 750.00	\$ -
35	05693	STORM SEWER MANHOLE ADJUSTMENT	EACH	4		\$ 525.00	\$ -
36	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	4		\$ 900.00	\$ -
37	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3640		\$ 2.04	\$ -
38	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	64	34.00	\$ 214.20	\$ 7,282.80
39	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2260		\$ 2.04	\$ -
40	05991	ABANDON LATERAL AT MAIN WITH CIPP LINER	EACH	12	12.00	\$ 1,734.00	\$ 20,808.00
41	06100	EXTRA BAGS OF CEMENT	EA	50		\$ 20.00	\$ -
42	06500	TYPE A SLURRY	CY	50		\$ 55.00	\$ -
43	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	100		\$ 100.00	\$ -
44	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	100		\$ 40.00	\$ -
45	07008	8-INCH CONCRETE PAVEMENT	SY	8500	8161.83	\$ 38.00	\$ 310,149.54
46	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	5400	5300.00	\$ 17.00	\$ 90,100.00
47	07304	4-INCH CONCRETE SIDEWALK	SF	6500	4000.00	\$ 6.00	\$ 24,000.00
48	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	7000	4000.00	\$ 6.00	\$ 24,000.00

49	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	2000		\$ 6.00	\$ -
50	08050	UTILITY TRENCH PATCH - TEMPORARY	SY	100		\$ 60.00	\$ -
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	60		\$ 175.00	\$ -
52	08205	HMA PAVEMENT TYPE 5LT5828S	TON	40		\$ 175.00	\$ -
53	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	50		\$ 200.00	\$ -
54	11990	PULL BOX ADJUSTMENT	EACH	8		\$ 632.00	\$ -
55	11991	PROTECT EXISTING STREET LIGHTING UNITS	LS	1	0.50	\$ 2,440.40	\$ 1,220.20
56	12120	PAVEMENT MARKING PAINT, CROSSWALK, 6-INCH	LF	60		\$ 17.75	\$ -
57	12150	PAVEMENT MARKING PAINT, STOP LINE, 18-INCH	LF	30		\$ 55.00	\$ -
58	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 10.00	\$ -
59	14005	TOPSOIL & SOD	SY	5500		\$ 10.00	\$ -
60	15001	FURNISH AND INSTALL 8" WATER MAIN AND FITTINGS	LF	2,560	2602.00	\$ 90.00	\$ 234,180.00
61	15002	FURNISH AND INSTALL 8" GATE VALVE	EA	7	7.00	\$ 1,500.00	\$ 10,500.00
62	15003	FURNISH AND INSTALL HYDRANT ASSEMBLY	EA	4	4.00	\$ 6,500.00	\$ 26,000.00
63	15004	CONNECT SERVICE LATERAL (SL1)	EA	1		\$ 2,050.00	\$ -
64	15005	CONNECT SERVICE LATERAL (SL2)	EA	16	17.00	\$ 2,100.00	\$ 35,700.00
65	15006	CONNECT SERVICE LATERAL (SL3)	EA	14	14.00	\$ 3,550.00	\$ 49,700.00
66	15007	CONNECT SERVICE LATERAL (SL4)	EA	3	3.00	\$ 3,450.00	\$ 10,350.00
67	15008	CONNECT SERVICE LATERAL (SL5)	EA	1	1.00	\$ 2,100.00	\$ 2,100.00
68	15009	ABANDON EXISTING HYDRANTS	EA	4	4.00	\$ 350.00	\$ 1,400.00
69	15010	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$ 650.00	\$ 650.00

Total \$ 1,488,376.78

Less Retainage \$ 46,272.21

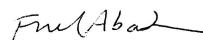
Total \$ 1,442,104.57

Less Previously Paid \$ 1,057,086.73

Total Amount Due \$ 385,017.84

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$385,017.84 be allowed.

Respectfully Submitted,



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

Director of Public Works

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 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	0.65	\$ 92,188.39	\$ 59,922.45
2	01005	DETOUR ROUTE	LS	1	0.65	\$ 9,500.00	\$ 6,175.00
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	3,919.00	\$ 10.00	\$ 39,190.00
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	187.00	\$ 20.00	\$ 3,740.00
13	03100	REMOVE SEWER MANHOLE	EACH	4	3.00	\$ 445.00	\$ 1,335.00
14	03101	REMOVE INLET	EACH	16	16.00	\$ 445.00	\$ 7,120.00
15	03110	REMOVE PIPE	LF	321	345.50	\$ 28.00	\$ 9,674.00
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	5,584.32	\$ 3.00	\$ 16,752.96
19	03331	REMOVE EXISTING SIDEWALK	SF	65,000	45,383.71	\$ 2.00	\$ 90,767.42
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	4,000	999.70	\$ 3.00	\$ 2,999.10

21	03650	REMOVE EXISTING ROADWAY	SY	20,000	17,140.32	\$ 10.00	\$ 171,403.20
22	04010	SHAPING AND GRADING TO SUBGRADE	LF	4,400	2,933.00	\$ 35.00	\$ 102,655.00
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	10,111.69	\$ 20.00	\$ 202,233.80
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	28.00	\$ 915.00	\$ 25,620.00
31	05021	ADJUST INLET	EACH	12	9.00	\$ 740.00	\$ 6,660.00
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	27.00	\$ 2,340.00	\$ 63,180.00
50	05542	12 INCH RCP STORM SEWER PIPE	LF	400	411.80	\$ 118.00	\$ 48,592.40
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		\$ 1,305.00	\$ -
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	3,121.70	\$ 40.00	\$ 124,868.00
69	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	12,750	8,214.30	\$ 42.00	\$ 345,000.60
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	4,696.30	\$ 20.00	\$ 93,926.00
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	328.00	\$ 70.00	\$ 22,960.00

74	07302	PEDESTRIAN CURB	LF	300	258.90	\$ 50.00	\$ 12,945.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	400		\$ 6.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	42,750	30,452.67	\$ 6.50	\$ 197,942.36
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	4,188.52	\$ 7.00	\$ 29,319.64
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	378.59	\$ 112.00	\$ 42,402.08
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	171.30	\$ 5.30	\$ 907.89
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		\$ 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	0.50	\$ 1,314.14	\$ 657.07
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	2,190.00	\$ 8.06	\$ 17,651.40
113	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	43	26.00	\$ 840.85	\$ 21,862.10
114	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	11.00	\$ 677.85	\$ 7,456.35
115	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	12	8.00	\$ 885.39	\$ 7,083.12
116	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	13	6.00	\$ 4,234.80	\$ 25,408.80
117	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	3	2.00	\$ 1,538.03	\$ 3,076.06
118	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	2,310	1,393.00	\$ 1.43	\$ 1,991.99
119	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	6,910	3,876.50	\$ 2.06	\$ 7,985.59
120	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,340	1,012.50	\$ 1.54	\$ 1,559.25
121	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6,110	4,009.50	\$ 1.57	\$ 6,294.92
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	1,514.00	\$ 1.51	\$ 2,286.14
124	10140A	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & SOUTH, WDOT 655.0200.01	LS	1		\$ 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	9.00	\$ 257.62	\$ 2,318.58
129	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	16	8.00	\$ 470.30	\$ 3,762.40
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	8.00	\$ 1,442.67	\$ 11,541.36
132	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	16	8.00	\$ 200.09	\$ 1,600.72
133	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	14	8.00	\$ 642.62	\$ 5,140.96
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	27.00	\$ 620.72	\$ 16,759.44
136	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	10	2.00	\$ 755.11	\$ 1,510.22
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	14.00	\$ 417.72	\$ 5,848.08
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		\$ 1,320.09	\$ -
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		\$ 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	6.00	\$ 1,125.23	\$ 6,751.38
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	7.00	\$ 267.07	\$ 1,869.49
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		\$ 1,323.26	\$ -
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	36.00	\$ 684.57	\$ 24,644.52

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	26.00	\$ 620.70	\$ 16,138.20
181	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	24	8.00	\$ 814.57	\$ 6,516.56
182	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	6,750	4,564.00	\$ 8.60	\$ 39,250.40
183	11112	CONDUIT 3-INCH HDPE	LF	3,750	2,444.50	\$ 9.51	\$ 23,247.20
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	4,025.00	\$ 1.33	\$ 5,353.25
188	11126	#4 XLP USE WIRE	LF	20,400	12,392.00	\$ 1.74	\$ 21,562.08
189	11127	#2 XLP USE WIRE	LF	11,800	5,206.50	\$ 2.29	\$ 11,922.89
190	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LS	1	0.50	\$ 3,942.43	\$ 1,971.22
191	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	40	21.00	\$ 292.04	\$ 6,132.84
192	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	60	20.00	\$ 65.71	\$ 1,314.20
193	11402	REMOVE AND DISPOSE OF EXISTING STREET LIGHT UNIT	EACH	11	13.00	\$ 523.13	\$ 6,800.69
194	11500	TEMPORARY STREET LIGHTING	LS	1	0.50	\$ 23,802.19	\$ 11,901.10
195	11505	TEMPORARY STREET LIGHTING OVERHEAD WIRING	LS	1	0.50	\$ 17,231.47	\$ 8,615.74
196	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	16	15.00	\$ 1,494.49	\$ 22,417.35
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	22.00	\$ 643.63	\$ 14,159.86
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	2,239.50	\$ 5.25	\$ 11,757.38
208	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	7,600	2,516.00	\$ 1.60	\$ 4,025.60
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	982.10	\$ 2.10	\$ 2,062.41
211	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	1,400	1,277.10	\$ 12.75	\$ 16,283.03
212	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1,750	1,173.60	\$ 8.50	\$ 9,975.60
213	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	550	342.30	\$ 14.25	\$ 4,877.78
214	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	12	7.00	\$ 275.00	\$ 1,925.00
215	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	4	4.00	\$ 275.00	\$ 1,100.00
216	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	13	8.00	\$ 350.00	\$ 2,800.00
217	12990	PAVEMENT MARKING REMOVAL	LS	1		\$ 20,000.00	\$ -
218	12991	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	8	4.00	\$ 175.00	\$ 700.00
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	44.00	\$ 150.00	\$ 6,600.00
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	212.40	\$ 110.00	\$ 23,364.00
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	13.00	\$ 1,000.00	\$ 13,000.00
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 \$ 5,044,186.52

Less Retainage \$ 182,710.03

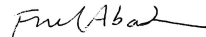
Total \$ 4,861,476.49

Less Previously Paid \$ 4,294,452.99

Total Amount Due \$ 567,023.50

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$567,023.50 be allowed.

Respectfully Submitted,



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

July 9, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 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

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL		1		\$ 21,972.89	\$ -
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		\$ 1,375.00	\$ -
6	03250	REMOVE FENCE	LF	55		\$ 25.00	\$ -
7	03331	REMOVE EXISTING SIDEWALK	SF	9500		\$ 3.20	\$ -
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	400		\$ 2.25	\$ -
9	04002	EXCAVATION CUT	CY	6125		\$ 35.00	\$ -
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		\$ 1,875.00	\$ -
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		\$ 1,200.00	\$ -
22	05542	12 INCH RCP STORM SEWER PIPE	LF	105		\$ 90.00	\$ -
23	05545	15 INCH RCP STORM SEWER PIPE	LF	25		\$ 130.00	\$ -
24	05680	STORM SEWER INLET REPAIR	VF	30		\$ 1,000.00	\$ -
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		\$ 750.00	\$ -
28	05902	MEDIUM RIPRAP	CY	60		\$ 130.00	\$ -
29	05903	HEAVY RIPRAP	CY	575		\$ 100.00	\$ -
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	9175		\$ 0.01	\$ -
31	05951	SANITARY SEWER CLEANING AND TELEVISION	LF	1665		\$ 1.85	\$ -

32	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	130		\$ 9.50	\$ -
33	05990	DEVONSHIRE CT SANITARY SEWER REPAIR	LS	1		\$ 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		\$ 650.00	\$ -
36	05996	4'H x 8'W BOX CULVERT	LF	461		\$ 800.00	\$ -
37	05997	4'H x 10'W BOX CULVERT	LF	98		\$ 1,100.00	\$ -
38	05881	4'H x 6'W BOX CULVERT END SECTION	EA	4		\$ 2,500.00	\$ -
39	05998	4'H x 8'W BOX CULVERT END SECTION	EA	10		\$ 2,750.00	\$ -
40	05999	4'H x 10'W BOX CULVERT END SECTION	EA	2		\$ 3,000.00	\$ -
41	06500	TYPE A SLURRY	CY	50		\$ 65.00	\$ -
42	07002	CONCRETE CURB AND GUTTER REMOVAL And REPLACEMENT	LF	1450		\$ 50.70	\$ -
43	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	496		\$ 50.00	\$ -
44	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
45	07304	4-INCH CONCRETE SIDEWALK	SF	9500		\$ 7.00	\$ -
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		\$ 12.80	\$ -
62	14101	SPLIT-RAIL WOOD FENCE	LF	55		\$ 42.40	\$ -
63	15001	WATERMAIN OFFSETS	EA	3		\$ 8,500.00	\$ -
64	14990	VEGITATED RIP RAP	SY	9,175		\$ 0.01	\$ -

MANDATORY ALTERNATE #1 - REMOVAL OF COFFER DAM

1	03989	REMOVE COFFER DAM, MINOR GRADING, AND RESTORE WITH VEGETATED RIP RAP	LS	1		\$ 12,500.00	\$ -
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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 \$ 98,795.44

Less Retainage \$ 4,939.77

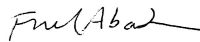
Total \$ 93,855.67

Less Previously Paid

Total Amount Due \$ 93,855.67

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$93,855.67 be allowed.

Respectfully Submitted,



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