

September 3, 2020

SUMMARY TABLE FOR PARTIAL PAYMENTS

1.	Advance Construction, Inc., for Harrison Ave., Frame Ave. and Wabash Ave. Utility And Street Improvements - Alternate Bid	\$281,383.92
2.	Advance Construction, Inc., for Roberta Avenue and Tenny Avenue Utility and Street Improvements	\$ 10,929.77
3.	Advance Construction, Inc., for Summit Avenue Utility and Street Improvements and Area 7 Flood Mitigation-Base Bid-HMA Pavement	\$ 12,452.22
4.	All-Ways Contractors, Inc. for Alley #32 (Newhall, Scott, Wilson, Grand) and #31 (Wilson, Newhall, Grand, Garfield) Reconstruction	\$ 46,661.62
5.	Crack Filling Service, Corp for 2020 Spot Sealing	\$ 45,500.00
6.	Greenfire Management Service for Waukesha City Hall	\$1,765,338.69
7.	Kim Construction Co., Inc for Sanitary Sewer Manhole Rehabilitation - 2020	\$ 35,966.00
8.	Mudtech LLC for Meadowview Park Bridge.....	\$ 25,460.00
9.	Musson Bros., Inc. for Sanitary Sewer Living - Pebble Valley Area.....	\$196,395.00
10.	State Contractors, Inc. for Concrete Sidewalk Replacement - City Wide	\$69,542.43
11.	State Contractors, Inc. for Barstow Street And Riverfront Street Utility And Street Improvements - Base Bid - Concrete Pavement.	\$113,231.07
12.	Super Excavators, Inc., for Greenmeadow Sanitary Interceptor Sewer.....	\$363,452.65
13.	Super Western, Inc., for Northview Road Phase 2 and Meadowview Park Improvements-Base Bid-Concrete.....	\$ 52,643.87
14.	Wil-Surge Electric, Inc., for Grandview and Meadowview Parks Lighting Upgrades-2020.....	\$ 12,759.36
15.	Wolf Paving, Inc. for 2020 Resurfacing And Area 1 And 2 Flood Mitigation.	\$958,351.51

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54313 for Harrison Ave, Frame Ave and Wabash Ave Utility And Street Improvements - Alternate Bid.

Contract No. # 4182

CONTRACT DATE: June 12, 2020

Original \$ 797,487.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.67	\$ 19,300.00	\$ 12,931.00
2	02002	SILT FENCE	LF	100		\$ 4.00	\$ -
3	02005	INLET PROTECTION	EACH	13	9	\$ 120.00	\$ 1,080.00
4	03057	TREE REMOVAL INCH DIAMETER	EACH	32		\$ 125.00	\$ -
5	03331	REMOVE EXISTING SIDEWALK	SF	2300		\$ 0.60	\$ -
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	90		\$ 7.00	\$ -
7	03650	REMOVE EXISTING ROADWAY	SY	4700		\$ 5.00	\$ -
8	04010	SHAPING AND GRADING TO SUBGRADE	LF	1275		\$ 4.25	\$ -
9	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500		\$ 3.00	\$ -
10	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1600		\$ 15.00	\$ -
11	04021	3" CRUSHED STONE ROADWAY BASE	TON	500		\$ 20.00	\$ -
12	04120	SLURRY BACKFILL	CY	40		\$ 75.00	\$ -
13	05108	8 INCH PVC SANITARY SEWER PIPE	LF	1,105	1065.4	\$ 122.00	\$ 129,978.80
14	05155	6 INCH SANITARY SEWER LATERAL	LF	1,300	370.1	\$ 115.00	\$ 42,561.50
15	05400	48 INCH DIA SANITARY MANHOLE	VF	40	26.99	\$ 270.00	\$ 7,287.30
16	05680	STORM SEWER INLET REPAIR	VF	4		\$ 600.00	\$ -
17	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1375		\$ 1.65	\$ -
18	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	39		\$ 180.00	\$ -
19	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 20.00	\$ -
20	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	550		\$ 45.50	\$ -
21	07304	4-INCH CONCRETE SIDEWALK	SF	2000		\$ 7.45	\$ -
22	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	300		\$ 9.20	\$ -
23	08203	HMA PAVEMENT TYPE 3LT5828S	TON	820		\$ 60.25	\$ -
24	08205	HMA PAVEMENT TYPE 5LT5828S	TON	550		\$ 62.75	\$ -
25	14005	TOPSOIL & SOD	SY	450		\$ 15.66	\$ -

26	14990	ALLOWANCE FOR TREE REPLACEMENT	LS	1		\$ 5,000.00	\$ -
27	15001	FURNISH AND INSTALL 8" WATER MAIN AND FITTINGS	LF	1300	863	\$ 85.00	\$ 73,355.00
28	15002	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	3		\$ 6,250.00	\$ -
29	15003	CONNECT SERVICE LATERAL (SL1)	EACH	13	5	\$ 1,500.00	\$ 7,500.00
30	15004	CONNECT SERVICE LATERAL (SL2)	EACH	15	5	\$ 2,250.00	\$ 11,250.00
31	15005	CONNECT SERVICE LATERAL (SL3)	EACH	3	1	\$ 2,750.00	\$ 2,750.00
32	15006	CONNECT SERVICE LATERAL (SL4)	EACH	7	2	\$ 3,250.00	\$ 6,500.00
33	15007	ABANDON EXISTING HYDRANTS	EACH	3	1	\$ 1,000.00	\$ 1,000.00
34	15008	ABANDON VALVE BOXES & MANHOLES	LS	1		\$ 3,000.00	\$ -
35	05990	INSTALL 95 FEET OF 8" SEWER BY PIPE BURSTING	LS	1		\$ 29,450.00	\$ -
36	14990	REMOVE AND REPLACE FENCE	LS	1		\$ 4,000.00	\$ -
37	14991	REMOVE AND REPLACE TIMBER WALL	LS	1		\$ 4,000.00	\$ -

Total \$ 296,193.60

Less Retainage \$ 14,809.68

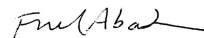
Total \$ 281,383.92

Less Previously Paid \$ -

Total Amount Due \$ 281,383.92

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$281,383.92 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 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	0.75	\$ 55,000.00	\$ 41,250.00
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		\$ 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	1,800.00	\$ 8.95	\$ 16,110.00
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 \$ 1,459,033.16

Less Retainage \$ 47,017.83

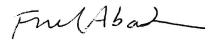
Total \$ 1,412,015.33

Less Previously Paid \$ 1,401,085.56

Total Amount Due \$ 10,929.77

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$10,929.77 be allowed.

Respectfully Submitted,



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

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54314 for Summit Avenue Utility And Street Improvements And Area 7 Flood Mitigation - Base Bid - HMA Pavement.

Contract No. #4112

CONTRACT DATE: April 4, 2019

Original

\$ 3,932,540.27

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 61,719.00	\$ 61,719.00
2	01005	DETOUR ROUTE	LS	1	1.00	\$ 8,000.00	\$ 8,000.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	1.00	\$ 20,000.00	\$ 20,000.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$ 3,500.00	\$ -
5	02002	SILT FENCE	LF	350		\$ 3.00	\$ -
6	02003	EROSION BALES	EACH	30		\$ 20.00	\$ -
7	02005	INLET PROTECTION	EACH	35	36.00	\$ 65.00	\$ 2,340.00
8	03041	CLEARING	INCH DIA	15	15.00	\$ 83.00	\$ 1,245.00
9	03042	GRUBBING	INCH DIA	15	15.00	\$ 30.00	\$ 450.00
10	03060	REMOVE AND REPLACE MAILBOX	EACH	17	18.00	\$ 100.00	\$ 1,800.00
11	03061	INSTALL TEMPORARY MAILBOX(ES)	LS	1	1.00	\$ 1,000.00	\$ 1,000.00
12	03101	REMOVE INLET	EACH	13	13.00	\$ 300.00	\$ 3,900.00
13	03110	REMOVE PIPE	LF	205	200.00	\$ 28.00	\$ 5,600.00
14	03205	ABANDON PIPE	LF	175	165.00	\$ 15.00	\$ 2,475.00
15	03300	REMOVE EXISTING CURB AND GUTTER	LF	3,300	3,285.00	\$ 3.50	\$ 11,497.50
16	03331	REMOVE EXISTING SIDEWALK	SF	11,000	11,000.00	\$ 1.00	\$ 11,000.00
17	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	525	475.00	\$ 2.75	\$ 1,306.25
18	03650	REMOVE EXISTING ROADWAY	SY	7,200	8,934.38	\$ 6.00	\$ 53,606.28
19	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,650	1,650.00	\$ 97.40	\$ 160,710.00
20	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2,250	400.00	\$ 1.85	\$ 740.00
21	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	7,750	7,112.17	\$ 14.00	\$ 99,570.38
22	04120	SLURRY BACKFILL	CY	100		\$ 100.00	\$ -
23	04175	SOLID ROCK EXCAVATION (IN TRENCHES)	CY	2,600	3,059.23	\$ 125.00	\$ 382,403.75
24	04176	LOOSE ROCK EXCAVATION (IN TRENCHES)	CY	500	78.90	\$ 50.00	\$ 3,945.00
25	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	3,750	1,053.97	\$ 22.00	\$ 23,187.34

26	05011	PIPE BULKHEAD	EACH	5	5.00	\$ 500.00	\$ 2,500.00
27	05020	ADJUST SEWER MANHOLE	EACH	6	7.00	\$ 1,000.00	\$ 7,000.00
28	05021	ADJUST INLET	EACH	10	10.00	\$ 800.00	\$ 8,000.00
29	05030	CHIMNEY REPLACEMENT	EACH	14	15.00	\$ 1,400.00	\$ 21,000.00
30	05050	INTERNAL CHIMNEY SEAL	EACH	14	15.00	\$ 356.00	\$ 5,340.00
31	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 15,000.00	\$ -
32	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$ 3,000.00	\$ -
33	05080	SANITARY LATERAL REINSTATEMENT	EACH	12	12.00	\$ 250.00	\$ 3,000.00
34	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	12	12.00	\$ 875.00	\$ 10,500.00
35	05108	8 INCH PVC SANITARY SEWER PIPE	LF	55	62.00	\$ 132.00	\$ 8,184.00
36	05155	6 INCH SANITARY SEWER LATERAL	LF	53	50.00	\$ 128.00	\$ 6,400.00
37	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	750	698.00	\$ 103.00	\$ 71,894.00
38	05316	24 INCH CIPP SANITARY SEWER PIPE	LF	3,652	3,651.00	\$ 93.00	\$ 339,543.00
39	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	55	8.20	\$ 576.00	\$ 4,723.20
40	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	11	11.00	\$ 1,960.00	\$ 21,560.00
41	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1		\$ 2,000.00	\$ -
42	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1		\$ 4,000.00	\$ -
43	05430	REPLACE SANITARY SEWER COVER	EACH	6	4.00	\$ 400.00	\$ 1,600.00
44	05479	96-INCH STORM SEWER MANHOLE	EACH	3	3.00	\$ 10,905.00	\$ 32,715.00
45	05485	2'X3' STORM INLET	EACH	9	9.00	\$ 3,372.00	\$ 30,348.00
46	05542	12 INCH RCP STORM SEWER PIPE	LF	55	64.00	\$ 101.00	\$ 6,464.00
47	05545	15 INCH RCP STORM SEWER PIPE	LF	80	45.00	\$ 101.00	\$ 4,545.00
48	05548	18 INCH RCP STORM SEWER PIPE	LF	190	148.50	\$ 104.70	\$ 15,547.95
49	05551	21 INCH RCP STORM SEWER PIPE	LF	25	24.00	\$ 115.50	\$ 2,772.00
50	05554	24 INCH RCP STORM SEWER PIPE	LF	25	19.00	\$ 119.50	\$ 2,270.50
50A	05643	43 INCH X 68 INCH TYPE I HERCP STORM SEWER PIPE	LF	950	941.00	\$ 362.50	\$ 341,112.50
51	05648	48 INCH X 76 INCH TYPE I HERCP STORM SEWER PIPE	LF	110	108.00	\$ 409.00	\$ 44,172.00
52	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	2,900	3,126.90	\$ 1.75	\$ 5,472.08
53	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	31	32.00	\$ 235.00	\$ 7,520.00
54	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,000	3,913.72	\$ 1.75	\$ 6,849.01
55	05680	STORM SEWER INLET REPAIR	VF	20	2.00	\$ 500.00	\$ 1,000.00
56	05692	STORM SEWER MANHOLE REPAIR	VF	16		\$ 500.00	\$ -
57	05990	54-INCH RCP STORM SEWER PIPE	LF	950	676.00	\$ 329.00	\$ 222,404.00

58	05991	120-INCH STORM SEWER MANHOLE	EACH	6	6.00	\$ 16,880.00	\$ 101,280.00
59	05992	MODIFY EXT STORM MANHOLE TO CURB INLET	LS	1	1.00	\$ 4,000.00	\$ 4,000.00
60	05993	CAST IN PLACE MANHOLE INLET	LS	1	1.00	\$ 5,000.00	\$ 5,000.00
61	05994	FLOW EQUILIZATION BASIN	LS	1	1.00	\$ 50,000.00	\$ 50,000.00
62	06100	EXTRA BAGS OF CEMENT	EA	25		\$ 20.00	\$ -
63	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	300	444.00	\$ 43.00	\$ 19,092.00
64	INTENTIONALLY LEFT BLANK						\$ -
65	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	3,250	3,462.00	\$ 18.00	\$ 62,316.00
66	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	112	184.00	\$ 50.00	\$ 9,200.00
67	07302	PEDESTRIAN CURB	LF	100	30.00	\$ 42.00	\$ 1,260.00
68	07304	4-INCH CONCRETE SIDEWALK	SF	3,750	6,595.60	\$ 6.00	\$ 39,573.60
69	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	8,000	8,778.80	\$ 6.50	\$ 57,062.20
70	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	450	433.00	\$ 7.00	\$ 3,031.00
71	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	7,500	7,327.90	\$ 1.50	\$ 10,991.85
72	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	2,250		\$ 3.25	\$ -
73	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	2,250	7,327.90	\$ 0.75	\$ 5,495.93
74	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	500	310.00	\$ 30.00	\$ 9,300.00
75	08054	HMA PAVEMENT 4" TEMPORARY PATCHING	SY	500		\$ 40.00	\$ -
76	08065	HMA PAVEMENT PATCHING	SY	2,400	538.00	\$ 36.50	\$ 19,637.00
77	08203	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	1,400	1,310.33	\$ 55.75	\$ 73,050.90
78	08204	HMA PAVEMENT TYPE 4 LT 58-28 S	TON	1,400	1,253.38	\$ 57.75	\$ 72,382.70
79	08208	HMA PAVEMENT TYPE 5 LT 58-28 H	TON	2,000	1,895.27	\$ 70.00	\$ 132,668.90
80	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	25	49.35	\$ 225.00	\$ 11,103.75
81	08401	PAVEMENT CRACK SEALING	SY	4,800		\$ 1.10	\$ -
82	10990	FURNISH AND INSTALL 6-CT FIBER OPTIC CABLE	LF	4,000	4,158.00	\$ 2.78	\$ 11,559.24
83	10991	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINET	EACH	2	2.00	\$ 2,992.00	\$ 5,984.00
84	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	18	18.00	\$ 782.00	\$ 14,076.00
85	11025	PULL BOX - 15-INCH PVC	EACH	2	2.00	\$ 555.00	\$ 1,110.00
86	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	8	8.00	\$ 601.50	\$ 4,812.00
87	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	1,423	1,394.00	\$ 5.32	\$ 7,416.08
88	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	1,450	1,371.00	\$ 22.88	\$ 31,368.48
89	11112	CONDUIT 3-INCH HDPE	LF	2,466	2,320.00	\$ 6.87	\$ 15,938.40
90	11113	CONDUIT 3-INCH HDPE SPECIAL	LF	1,592	1,592.00	\$ 24.12	\$ 38,399.04

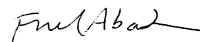
91	11120	12/2 UF W/GROUND WIRE	LF	810	792.00	\$ 1.08	\$ 855.36
92	11123	#10 XLP USE WIRE	LF	3,585	3,585.00	\$ 0.93	\$ 3,334.05
93	11125	#6 XLP USE WIRE	LF	3,325	3,178.00	\$ 1.23	\$ 3,908.94
94	11126	#4 XLP USE WIRE	LF	9,690	9,534.00	\$ 1.46	\$ 13,919.64
95	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE	LF	1,610		\$ 1.98	\$ -
96	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	10	10.00	\$ 300.00	\$ 3,000.00
97	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	5	5.00	\$ 118.50	\$ 592.50
98	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	8	8.00	\$ 571.50	\$ 4,572.00
99	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	10	1.00	\$ 866.50	\$ 866.50
100	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	7	7.00	\$ 1,933.00	\$ 13,531.00
101	11990	REPLACE EXISTING HPS LUMINAIRES, INTERSECTION OF SUMMIT AND UNIVERSITY	LS	1	1.00	\$ 6,834.40	\$ 6,834.40
102	11991	INSTALL FURNISHED NEW LED LUMINAIRES ON EXISTING POLES	LS	1	1.00	\$ 8,107.00	\$ 8,107.00
103	11992	INSTALL FURNISHED NEW LED LUMINAIRES ON NEW POLES	LS	1	1.00	\$ 7,979.00	\$ 7,979.00
104	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4,850	4,753.00	\$ 0.90	\$ 4,277.70
105	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	6,500	6,498.00	\$ 0.90	\$ 5,848.20
106	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	1,100	990.00	\$ 7.50	\$ 7,425.00
107	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	1,200	1,123.00	\$ 1.50	\$ 1,684.50
108	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	200	271.00	\$ 10.25	\$ 2,777.75
109	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	225	220.00	\$ 11.50	\$ 2,530.00
110	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	2	5.00	\$ 280.00	\$ 1,400.00
111	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	1	2.00	\$ 280.00	\$ 560.00
112	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	3	4.00	\$ 295.00	\$ 1,180.00
113	12990	PROJECT PAVEMENT MARKING REMOVAL	LS	1	1.00	\$ 1,200.00	\$ 1,200.00
114	13002	REMOVE SIGN	EACH	33	33.00	\$ 35.00	\$ 1,155.00
115	13003	REMOVE POSTS	EACH	16	21.00	\$ 35.00	\$ 735.00
116	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS	EACH	6	3.00	\$ 225.00	\$ 675.00
117	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	11	13.00	\$ 195.00	\$ 2,535.00
118	13021	SIGN	EACH	57	58.00	\$ 135.00	\$ 7,830.00
119	13300	MOVE SIGN	EACH	6	4.00	\$ 195.00	\$ 780.00
120	14005	TOPSOIL & SOD	SY	3,000	3,910.00	\$ 13.25	\$ 51,807.50
121	15001	16-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	1,800	1,788.00	\$ 210.00	\$ 375,480.00
122	15002	12-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	10	12.00	\$ 539.00	\$ 6,468.00

123	15003	8-INCH WATER MAIN AND FITTINGS	LF	220	194.00	\$ 243.00	\$ 47,142.00
124	15004	6-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	80	91.00	\$ 231.00	\$ 21,021.00
125	15005	TEMPORARY WATER SUPPLY SYSTEM	LS	1	1.00	\$ 6,000.00	\$ 6,000.00
126	15006	16-INCH BUTTERFLY VALVE AND BOX	EACH	3	3.00	\$ 2,764.00	\$ 8,292.00
127	15007	12-INCH GATE VALVE AND BOX	EACH	1	1.00	\$ 2,711.00	\$ 2,711.00
128	15008	8-INCH GATE VALVE AND BOX	EACH	4	4.00	\$ 1,536.00	\$ 6,144.00
129	15009	6-INCH GATE VALVE AND BOX	EACH	2	2.00	\$ 1,097.00	\$ 2,194.00
130	15010	HYDRANT VALVE, 6-INCH D.I. LEAD AND HYDRANT	EACH	3	3.00	\$ 6,211.00	\$ 18,633.00
131	15011	CONNECT SERVICE LATERAL (SL1)	EACH	12	14.00	\$ 1,807.00	\$ 25,298.00
132	15012	CONNECT SERVICE LATERAL (SL2)	EACH	1		\$ 813.00	\$ -
133	15013	CONNECT SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 4,943.00	\$ 4,943.00
134	15014	CONNECT SERVICE LATERAL (SL4)	EACH	1		\$ 1,060.00	\$ -
135	15015	CURB BOXES & RODS (IF NEEDED)	EACH	10		\$ 654.00	\$ -
136	15016	CURB STOPS (IF NEEDED)	EACH	10		\$ 1,089.00	\$ -
137	15017	ABANDON EXISTING HYDRANT	EACH	2	2.00	\$ 500.00	\$ 1,000.00
138	15018	ABANDON VALVE BOXES AND MANHOLES	LS	1	1.00	\$ 10,000.00	\$ 10,000.00
139	15019	WATER MAIN OFFSET AT FLOW EQUILIZATION STRUCTURE (IF NEEDED)	LS	1		\$ 10,000.00	\$ -
Extra No. 1		STORM SEWER STRUCTURE UPSIZING	LS		1.00	\$ 26,729.26	\$ 26,729.26
Extra No. 2		TRAFFIC SIGNAL STANDARD REMOVAL AND REPLACEMENT	LS		1.00	\$ 8,000.00	\$ 8,000.00
Extra No. 3		REMOVE BENTONITE FOR SANITARY SEWER LINING	HR		24.50	\$ 351.75	\$ 8,617.88

Total	\$ 3,648,614.99
Less Retainage	\$ 40,000.00
Total	\$ 3,608,614.99
Less Previously Paid	\$ 3,596,162.77
Total Amount Due	\$ 12,452.22

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$12,452.22 be allowed.

Respectfully Submitted,



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

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 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		\$ 22.70	\$ -
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		\$ 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		\$ 40.00	\$ -
24	07302	PEDESTRIAN CURB	LF	50		\$ 40.00	\$ -
25	07304	4-INCH CONCRETE SIDEWALK	SF	250		\$ 5.00	\$ -

26	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	3,000		\$ 7.00	\$ -
27	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	1,000		\$ 7.50	\$ -
28	07990	7-INCH CONCRETE ALLEY PAVEMENT	SY	2,200	600	\$ 40.00	\$ 24,000.00
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 \$ 92,792.50

Less Retainage \$ 4,639.63

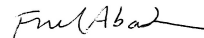
Total \$ 88,152.87

Less Previously Paid \$ 41,491.25

Total Amount Due \$ 46,661.62

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$46,661.62 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 FINAL to *Crack Filling Service, Corp., 4033 Barlow Road, Cross Plains, WI 53528 for 2020 Spot Sealing.*

Contract No. # 4176

CONTRACT DATE: June 16, 2020

Original \$ 45,500.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	08990	SPOT SEALANT	LBS	35,000	35000	\$ 1.30	\$ 45,500.00

Total \$ 45,500.00

Less Retainage

Total \$ 45,500.00

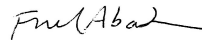
Less

Previously Paid

Total Amount Due \$ 45,500.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$45,500.00 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 11 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	\$ 756,601.17
2000	Existing Conditions/Demolition	\$395,000.00	\$ 72,180.00
3000	Concrete	\$1,179,049.00	\$ 1,010,135.00
4000	Masonry	\$1,644,630.00	\$ 1,116,365.00
5000	Metals	\$1,975,310.00	\$ 1,915,292.40
6000	General Carpentry	\$143,321.00	\$ 63,660.00
6400	Millwork	\$255,658.00	\$ 54,078.00
7000	Thermal & Moisture Protection	\$151,780.00	\$ 122,995.00
7400	Siding	\$944,975.00	\$ 30,000.00
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	\$ 182,271.00
8300	Speciality Doors Horizontal Shutters	\$315,627.00	\$ 321,124.00
8400	Entrances & Storefronts	\$1,104,020.00	\$ 965,000.00
8900	Louvers	\$9,820.00	
9200	Drywall	\$1,286,000.00	\$ 1,174,571.00
9500	Acoustical Ceilings	\$188,365.00	\$ 35,000.00
9600	Flooring-General	\$500,835.00	\$ 177,423.13
9900	Painting	\$140,000.00	\$ 28,000.00
10000	Specialties	\$104,937.00	\$ 9,802.90
11000	Equipment	\$47,923.00	\$ 22,667.00
12200	Window Treatments	\$77,066.00	
14200	Elevators	\$107,159.00	\$ 112,900.00
21000	Fire Protection	\$170,000.00	\$ 149,764.48
22000	Plumbing	\$535,000.00	\$ 464,610.00
23000	HVAC	\$1,840,000.00	\$ 1,525,749.00
26000	Electrical	\$1,856,852.00	\$ 837,000.00
27000	Communications	\$350,337.00	\$ 67,559.27
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	\$ 19,500.50
32900	Landscaping	\$181,753.00	\$ 61,110.19
33000	Site Utilities	\$240,000.00	\$ 177,728.00
99000	Fee and Insurance	\$564,398.00	\$ 358,392.73

Total \$ 12,738,668.22

Less Retainage \$ 497,059.49

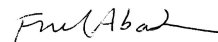
Total \$ 12,241,608.73

Less Previously Paid \$ 10,476,270.04

Total Amount Due \$ 1,765,338.69

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$1,765,338.69 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Kim Construction Co., Inc., 3142 Holeman Ave, Steger, IL 60475 for *Sanitary Sewer Manhole Rehabilitation - 2020*.

Contract No. #4166

CONTRACT DATE: May 5, 2020
Original \$ 202,425.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	05050	INTERNAL CHIMNEY SEAL	EACH	51	51	\$ 490.00	\$ 24,990.00
2	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	1	1	\$ 2,900.00	\$ 2,900.00
3	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	17	18	\$ 600.00	\$ 10,800.00
4	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1	2	\$ 2,000.00	\$ 4,000.00
5	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EACH	3	10	\$ 1,795.00	\$ 17,950.00
6	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GALLON	20		\$ 20.00	\$ -
7	05430	REPLACE SANITARY SEWER COVER	EACH	1	2	\$ 200.00	\$ 400.00
8	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	50	50	\$ 2,250.00	\$ 112,500.00
9	05433	REPLACE SANITARY SEWER CONE, CHIMNEY, FRAME & COVER	EACH	1	1	\$ 4,000.00	\$ 4,000.00
10	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	135	4.74	\$ 150.00	\$ 711.00
11	08990	ASPHALT PAVEMENT PATCHING	EACH	49	52	\$ 400.00	\$ 20,800.00

Total \$ 199,051.00

Less Retainage \$ 5,060.63

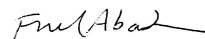
Total \$ 193,990.37

Less Previously Paid \$ 158,024.37

Total Amount Due \$ 35,966.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$35,966.00 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 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	0.5	\$ 800.00	\$ 400.00
2	02002	SILT FENCE	LF	1,500	1000	\$ 3.00	\$ 3,000.00
3	02003	EROSION BALES	EACH	20		\$ 20.00	\$ -
4	02005	INLET PROTECTION	EACH	1	1	\$ 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		\$ 400.00	\$ -
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		\$ 90.00	\$ -
16	05548	18 INCH RCP STORM SEWER PIPE	LF	210		\$ 76.20	\$ -
17	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EACH	22		\$ 454.54	\$ -
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	600	\$ 15.00	\$ 9,000.00
35	14996	ENGINEERED SOIL MAINTENANCE	SY	7,750	2000	\$ 4.00	\$ 8,000.00
36	14997	UNDERDRAIN OUTFALL MAINTENANCE	EACH	8		\$ 500.00	\$ -
37	14998	BIO-FILTRATION BASIN INFILTRATION TEST	EACH	9		\$ 57.78	\$ -

Total \$ 26,800.00

Less Retainage \$ 1,340.00

Total \$ 25,460.00

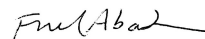
Less

Previously Paid

Total Amount Due \$ 25,460.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$25,460.00 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 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	0.7	\$ 10,000.00	\$ 7,000.00
2	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT (APPROX. 32 VERT. FT.)	EACH	28	16	\$ 1,075.00	\$ 17,200.00
3	05050	INTERNAL CHIMNEY SEAL	EACH	28		\$ 725.00	\$ -
4	05056	SANITARY LATERAL CLEANOUT	EACH	213	196	\$ 1,325.00	\$ 259,700.00
5	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	213	154	\$ 250.00	\$ 38,500.00
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	134	\$ 3,150.00	\$ 422,100.00
12	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT.	LF	4600	1,899	\$ 45.00	\$ 85,455.00
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	18	\$ 350.00	\$ 6,300.00
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	20	\$ 2,600.00	\$ 52,000.00
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	16	\$ 1,000.00	\$ 16,000.00
21	14005	TOPSOIL & SOD	SY	400		\$ 20.00	\$ -

Total \$ 1,236,344.50

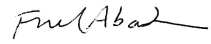
Less Retainage \$ 43,573.38

Total \$ 1,192,771.12

Less Previously Paid	\$	996,376.12
Total Amount Due	\$	196,395.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$196,395.00 be allowed.

Respectfully Submitted,



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

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 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	8,732.18	\$ 8.00	\$ 69,857.44
2	07316	6-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	1,500	279	\$ 8.00	\$ 2,232.00
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 \$ 73,202.56

Less \$ 3,660.13

Retainage

Total \$ 69,542.43

Less

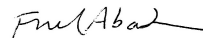
Previously

Total Amount \$ 69,542.43

Due

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$69,542.43 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 13 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	0.80	\$ 92,188.39	\$ 73,750.71
2	01005	DETOUR ROUTE	LS	1	0.80	\$ 9,500.00	\$ 7,600.00
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	1,357.60	\$ 3.00	\$ 4,072.80

21	03650	REMOVE EXISTING ROADWAY	SY	20,000	20,618.70	\$ 10.00	\$ 206,187.00
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	12,539.28	\$ 20.00	\$ 250,785.60
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	384.00	\$ 70.00	\$ 26,880.00

74	07302	PEDESTRIAN CURB	LF	300	281.40	\$ 50.00	\$ 14,070.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	400	28.90	\$ 6.00	\$ 173.40
76	07304	4-INCH CONCRETE SIDEWALK	SF	42,750	38,509.45	\$ 6.50	\$ 250,311.43
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	2,610.00	\$ 8.06	\$ 21,036.60
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	17.00	\$ 677.85	\$ 11,523.45
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	1,393.00	\$ 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	29.00	\$ 620.72	\$ 18,000.88
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	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	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	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	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	6,329.00	\$ 8.60	\$ 54,429.40
183	11112	CONDUIT 3-INCH HDPE	LF	3,750	3,273.00	\$ 9.51	\$ 31,126.23
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	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	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	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 \$ 5,738,901.44

Less Retainage \$ 182,710.03

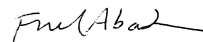
Total \$ 5,556,191.41

Less Previously Paid \$ 5,442,960.34

Total Amount Due \$ 113,231.07

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$113,231.07 be allowed.

Respectfully Submitted,



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

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September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 19 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 \$ 19,655,078.50

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
GREENMEADOW INTERCEPTOR SEWER SUBTOTAL:							\$ 17,880,290.49

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	735	\$	11.00	\$	8,085.00
AREA 5 STORM SEWER BID ITEMS								\$	667,675.20

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

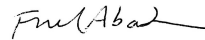
Total \$ 19,721,888.15
 Less Retainage \$ 483,963.13

 Total \$ 19,237,925.02
 Less Previously Paid \$ 18,874,472.37

 Total Amount Due \$ 363,452.65

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$363,452.65 be allowed.

Respectfully Submitted,



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

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to Super Western, Inc., N59 W14601 Bobolink Avenue, Menomonee Falls, WI 53051 for Northview Road Phase 2 & Meadowview Park Improvements - Base Bid - Concrete.

Contract No. #4094

CONTRACT DATE: December 21, 2018

Original

\$ 2,705,754.95

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	Traffic Control	LS	1	1.00	\$ 8,157.00	\$ 8,157.00
2	01005	Detour Route	LS	1	1.00	\$ 5,225.00	\$ 5,225.00
3	01014	Traffic Control Signs PCMS	LS	1	1.00	\$ 5,000.00	\$ 5,000.00
4	01017	Temporary Safety Fence	LF	310	145.00	\$ 2.02	\$ 292.90
5	02002	Silt Fence	LF	1,355	1,178.00	\$ 1.36	\$ 1,602.08
6	02003	Erosion Bales	EACH	30	5.00	\$ 10.10	\$ 50.50
7	02005	Inlet Protection	EACH	26	8.00	\$ 101.01	\$ 808.08
8	02106	Temporary Ditch Check	EACH	14		\$ 126.26	\$ -
9	02166	Culvert Pipe Check	EACH	8		\$ 65.66	\$ -
10	03011	Clearing	STA	12	12.00	\$ 200.00	\$ 2,400.00
11	03012	Grubbing	STA	12	12.00	\$ 200.00	\$ 2,400.00
12	03041	Clearing	ID	107	107.00	\$ 20.00	\$ 2,140.00
13	03042	Grubbing	ID	107	107.00	\$ 2.50	\$ 267.50
14	03060	Remove and Replace Mailbox	EACH	2	2.00	\$ 750.00	\$ 1,500.00
15	03101	Remove Inlet	EACH	2	3.00	\$ 330.00	\$ 990.00
16	03110	Removing Pipe	LF	317	317.00	\$ 19.35	\$ 6,133.95
17	03300	Remove Existing Curb & Gutter	LF	1,447	1,534.90	\$ 4.50	\$ 6,907.05
18	03331	Remove Existing Sidewalk	SY	224	346.12	\$ 6.50	\$ 2,249.78
19	03500	Sawcutting at Pavement Limits	LF	300	300.00	\$ 3.30	\$ 990.00
20	03605	Remove Existing Asphalt Roadway	SY	14,326	14,326.00	\$ 3.25	\$ 46,559.50
21	03990	Remove Apron Endwall	EACH	2	2.00	\$ 306.50	\$ 613.00
22	04010	Shaping and Grading to Subgrade	LF	3,497	3,497.00	\$ 38.50	\$ 134,634.50
23	04012	Frost Breaking and Removal	LF	305		\$ 0.01	\$ -
24	04175	Solid Rock Excavation (In Trenches)	CY	50	63.52	\$ 150.00	\$ 9,528.00
25	04176	Loose Rock Excavation (In Trenches)	CY	50	212.00	\$ 100.00	\$ 21,200.00
26	04501	Crushed Aggregate Base Course, 3/4"	TON	376	455.20	\$ 27.75	\$ 12,631.80
27	04502	Crushed Aggregate Base Course, 1-1/4"	TON	9,429	11,969.55	\$ 16.00	\$ 191,512.80

28	04525	Crushed Aggregate Base Course, Gradation No. 5 (Breaker Run, Includes EBS)	TON	9,078	12,476.39	\$ 21.00	\$ 262,004.19
29	05020	Adjust Sewer Manhole	EACH	8	12.00	\$ 695.00	\$ 8,340.00
30	05021	Adjust Inlet	EACH	4	10.00	\$ 695.00	\$ 6,950.00
31	05050	Internal Chimney Seal	EACH	4	4.00	\$ 600.00	\$ 2,400.00
32	05400	48-Inch Diameter Sanitary Manhole	VF	13	13.00	\$ 955.00	\$ 12,415.00
33	05475	48-Inch Storm Sewer Manhole	EACH	2	3.00	\$ 2,500.00	\$ 7,500.00
34	05477	60-Inch Storm Sewer Manhole	EACH	1	1.00	\$ 3,100.00	\$ 3,100.00
35	05485	2'X3' Storm Inlet	EACH	9	8.00	\$ 2,300.00	\$ 18,400.00
36	05512	12-Inch RCP Storm Sewer Pipe	LF	70	84.00	\$ 92.00	\$ 7,728.00
37	05515	15-Inch RCP Storm Sewer Pipe	LF	116	109.00	\$ 99.00	\$ 10,791.00
38	05518	18-Inch RCP Storm Sewer Pipe	LF	304	311.50	\$ 84.00	\$ 26,166.00
39	05521	21-Inch RCP Storm Sewer Pipe	LF	98	99.00	\$ 101.00	\$ 9,999.00
40	05530	30-Inch RCP Storm Sewer Pipe	LF	239	238.00	\$ 114.00	\$ 27,132.00
41	05536	36-Inch RCP Storm Sewer Pipe	LF	24	24.00	\$ 156.00	\$ 3,744.00
42	05615	15-Inch RCP Storm Sewer Flared End Section	EACH	1	1.00	\$ 460.00	\$ 460.00
43	05618	18-Inch RCP Storm Sewer Flared End Section	EACH	5	5.00	\$ 488.00	\$ 2,440.00
44	05621	21-Inch RCP Storm Sewer Flared End Section	EACH	1	1.00	\$ 526.00	\$ 526.00
45	05630	30-Inch RCP Storm Sewer Flared End Section	EACH	2	2.00	\$ 615.00	\$ 1,230.00
46	05636	36-Inch RCP Storm Sewer Flared End Section	EACH	2	2.00	\$ 892.00	\$ 1,784.00
47	05724	24-Inch x 38-Inch Type I HERCP Storm Sewer Pipe	LF	160	136.00	\$ 140.00	\$ 19,040.00
48	05850	Concrete Collar	EACH	3	3.00	\$ 755.00	\$ 2,265.00
49	05902	Medium Riprap	CY	475	675.00	\$ 76.75	\$ 51,806.25
50	05905	Riprap Filter Fabric, Type HR	SY	1,475	1,475.00	\$ 4.25	\$ 6,268.75
51	05951	Sanitary Sewer Cleaning and Televising - Prepaving	LF	895	895.00	\$ 3.08	\$ 2,756.60
52	05955	Storm Sewer Cleaning and Televising - Prepaving	LF	1,011	1,011.00	\$ 3.08	\$ 3,113.88
53	05990	36-Inch Storm Sewer Manhole, WDOT 611.2003	EACH	1	1.00	\$ 2,070.00	\$ 2,070.00
54	05992	Frame and Grate R-3067	EACH	2	0.00	\$ 979.00	\$ -
55	05993	24-Inch x 38-Inch HERCP Storm Sewer Flared End Section	EACH	8	8.00	\$ 1,010.00	\$ 8,080.00
56	07108	8-Inch Doweled Concrete Pavement	SY	16,803	16,447.50	\$ 34.50	\$ 567,438.75
57	07118	18" Type A Concrete Curb & Gutter	LF	98		\$ 30.00	\$ -
58	07130	30" Type A Concrete Curb & Gutter	LF	3,958	4,764.00	\$ 16.00	\$ 76,224.00
59	07301	Curb Ramp Detectable Warning Fields	SF	176	208.00	\$ 50.00	\$ 10,400.00
60	07304	4-Inch Concrete Sidewalk	SF	27,640	27,238.20	\$ 5.10	\$ 138,914.82
61	07306	6-Inch Concrete Sidewalk & Drive	SF	915	789.50	\$ 6.00	\$ 4,737.00
62	07501	Concrete Surface Drains, WDOT 416.1010	CY	4	8.00	\$ 400.00	\$ 3,200.00

63	08206	HMA Pavement 3 LT 58-28 H	TON	78	44.43	\$ 143.25	\$ 6,364.60
64	08208	HMA Pavement 5 LT 58-28 H	TON	35	23.55	\$ 143.25	\$ 3,373.54
65	08210	HMA Drive & Terrace, Type 4 LT 58-28 S	TON	78	6.00	\$ 143.25	\$ 859.50
66	11005	Concrete Bases Type 5, WDOT 654.0105	EACH	3	3.00	\$ 829.00	\$ 2,487.00
67	11025	Pull Box - 15-Inch PVC	EACH	16	16.00	\$ 644.00	\$ 10,304.00
68	11026	Pull Box - 24-Inch Steel, WDOT 653.0140	EACH	10	10.00	\$ 763.00	\$ 7,630.00
69	11101	Conduit 2-Inch HDPE (Excavated)	LF	4,489	3,718.00	\$ 4.50	\$ 16,731.00
70	11102	Conduit 2-Inch HDPE Special (Bored)	LF	200	200.00	\$ 21.12	\$ 4,224.00
71	11112	Conduit 3-Inch HDPE (Excavated)	LF	3,824	3,790.00	\$ 5.34	\$ 20,238.60
72	11120	12/2 Uf W/Ground Wire	LF	120	120.00	\$ 1.06	\$ 127.20
73	11125	#6 Xlp Use Wire	LF	5,310	5,128.00	\$ 1.05	\$ 5,384.40
74	11126	#4 Xlp Use Wire	LF	15,930	15,384.00	\$ 1.37	\$ 21,076.08
75	11450	Install City-Furnished Street Lighting Unit	EACH	3	3.00	\$ 588.00	\$ 1,764.00
76	11655	Comm Pull Box 24x36 Quazite Tier 22	EACH	5	5.00	\$ 1,879.00	\$ 9,395.00
77	11990	Splice at Traffic Signal	LS	1	1.00	\$ 530.00	\$ 530.00
78	12201	Pavement Marking Epoxy, Line, 4-Inch	LF	6,262	6,276.20	\$ 0.45	\$ 2,824.29
79	12202	Pavement Marking Epoxy, Double Line, 4-Inch Yellow	LF	4,823	5,044.80	\$ 0.90	\$ 4,540.32
80	12204	Pavement Marking Epoxy, Line, 8-Inch	LF	566	566.00	\$ 0.80	\$ 452.80
81	12218	Pavement Marking Epoxy, Diagonal Line, 12-Inch	LF	357	357.00	\$ 10.25	\$ 3,659.25
82	12220	Pavement Marking Epoxy, Crosswalk, 6-Inch	LF	595	610.00	\$ 7.75	\$ 4,727.50
83	12250	Pavement Marking Epoxy, Stop Line, 18-Inch	LF	107	77.40	\$ 11.50	\$ 890.10
84	12263	Pavement Marking Epoxy, Symbol, Left Arrow	EACH	6	6.00	\$ 260.00	\$ 1,560.00
85	12270	Pavement Marking Epoxy, Word, Only	EACH	6		\$ 285.00	\$ -
86	13001	Remove Signs and Posts	EACH	16	16.00	\$ 75.76	\$ 1,212.16
87	13005	Remove, Store, and Reinstall Signs & Posts	EACH	5	4.00	\$ 227.27	\$ 909.08
88	13020	Sign Post, 2 3/8-Inch Round	EACH	36	36.00	\$ 116.16	\$ 4,181.76
89	13030	Sign, Reflective Type II	EACH	45	45.00	\$ 126.26	\$ 5,681.70
90	14003	Topsoil, Fertilizer, Seed & Erosion Mat	SY	9,341	9,341.00	\$ 5.04	\$ 47,078.64
91	14005	Topsoil & Sod	SY	6,011	5,800.00	\$ 11.62	\$ 67,396.00
Extra No. 1		Mobilization	LS		1.00	\$ 730.30	\$ 730.30
Extra No. 2		36" Storm Sewer Manhole	EACH		2.00	\$ 2,020.00	\$ 4,040.00
Extra No. 3		PVC Storm Sewer Lateral Pipe	LF		147.00	\$ 79.00	\$ 11,613.00
Extra No. 4		8" PVC Storm Sewer Pipe	LF		40.00	\$ 86.00	\$ 3,440.00
Extra No. 5		12" PVC Storm Sewer Pipe	LF		395.50	\$ 105.00	\$ 41,527.50
Extra No. 6		Cast In Place Manhole	EACH		1.00	\$ 2,930.00	\$ 2,930.00

Extra No. 7		Storm Sewer Lateral Connection	EACH		5.00	\$ 395.00	\$ 1,975.00
Extra No. 8		Contract Penalties, Engineering and Inspection Services	DAY		32.00	\$ (1,000.00)	\$ (32,000.00)
Extra No. 9		Adjustment of 24"x38" and 18" End Sections	LS		1.00	\$ 2,219.92	\$ 2,219.92
Extra No. 10		6-Inch Roadway Underdrain	LS		1.00	\$ 5,059.01	\$ 5,059.01
Extra No. 11		Adjustment of CB5	LS		1.00	\$ 1,265.00	\$ 1,265.00
Extra No. 12		Additional Costs Due to Utility Conflicts	LS		1.00	\$ 22,608.80	\$ 22,608.80
SUBTOTAL:							\$ 2,094,228.73

MEADOWVIEW PARK IMPROVEMENTS							
92	02002	Silt Fence	LF	4,100	3,183.00	\$ 1.36	\$ 4,328.88
93	02003	Erosion Bales	EACH	20		\$ 10.10	\$ -
94	02005	Inlet Protection	EACH	11	8.00	\$ 101.01	\$ 808.08
95	02010	Construction Entrance (Tracking Pad), WDOT 628.7560	EACH	2		\$ 1,560.00	\$ -
96	02106	Temporary Ditch Check	EACH	10		\$ 126.26	\$ -
97	02166	Culvert Pipe Check	EACH	2		\$ 65.66	\$ -
98	02990	Temporary Settling Basin	EACH	1		\$ 3,735.00	\$ -
99	03011	Clearing	STA	1	2.00	\$ 200.00	\$ 400.00
100	03012	Grubbing	STA	1	2.00	\$ 200.00	\$ 400.00
101	03300	Remove Existing Curb & Gutter	LF	500	453.70	\$ 4.00	\$ 1,814.80
102	03331	Remove Existing Sidewalk	SY	250	319.30	\$ 5.00	\$ 1,596.50
103	03500	Sawcutting at Pavement Limits	LF	115	108.00	\$ 5.45	\$ 588.60
104	03605	Remove Existing Asphalt Roadway	SY	1,100	1,164.00	\$ 7.75	\$ 9,021.00
105	04015	Geotextile Fabric Type SAS Non-Woven	SY	950	0.00	\$ 5.50	\$ -
106	04020	1-1/4" Crushed Stone Roadway Base	TON	2,300	2,394.04	\$ 19.00	\$ 45,486.76
107	04502	Crushed Aggregate Base Course, 1-1/4" (Includes EBS)	TON	250		\$ 37.50	\$ -
108	04990	Crushed Aggregate Base Course, 3" (Includes EBS)	TON	250	606.00	\$ 34.50	\$ 20,907.00
109	04992	Meadowview Park Earthwork & Grading	LS	1	1.00	\$ 240,750.00	\$ 240,750.00
110	05007	6-Inch Perforated Underdrain	LF	50	47.00	\$ 10.50	\$ 493.50
111	05020	Adjust Sewer Manhole	EACH	1	1.00	\$ 1,262.00	\$ 1,262.00
112	05050	Internal Chimney Seal	EACH	4	4.00	\$ 600.00	\$ 2,400.00
113	05055	Cleanout	EACH	2	2.00	\$ 925.00	\$ 1,850.00
114	05108	8-Inch PVC Sanitary Sewer Pipe	LF	895	895.00	\$ 155.00	\$ 138,725.00
115	05400	48-Inch Diameter Sanitary Manhole	VF	45	47.32	\$ 257.00	\$ 12,161.24
116	05485	2'X3' Storm Inlet	EACH	5	5.00	\$ 2,086.00	\$ 10,430.00
117	05506	6-Inch PVC Storm Sewer Pipe	LF	125	125.00	\$ 46.00	\$ 5,750.00
118	05512	12-Inch RCP Storm Sewer Pipe	LF	85	207.00	\$ 89.00	\$ 18,423.00
119	05518	18-Inch RCP Storm Sewer Pipe	LF	75	60.50	\$ 87.00	\$ 5,263.50
120	05612	12-Inch RCP Storm Sewer Flared End Section	EACH	1	1.00	\$ 435.00	\$ 435.00
121	05618	18-Inch RCP Storm Sewer Flared End Section	EACH	2	2.00	\$ 487.00	\$ 974.00
122	05902	Medium Riprap	CY	7	7.00	\$ 150.00	\$ 1,050.00

123	05951	Sanitary Sewer Cleaning and Televising - Prepaving	LF	1,250	1,250.00	\$ 3.08	\$ 3,850.00
124	05955	Storm Sewer Cleaning and Televising - Prepaving	LF	215	215.00	\$ 3.08	\$ 662.20
125	05994	Apron Endwalls for Underdrain Reinforced Concrete 6-Inch, WDOT 612.0806	EACH	1	1.00	\$ 381.00	\$ 381.00
126	05995	Horizontal Directional Drill 8-Inch Pipe	LF	30		\$ 1,473.00	\$ -
127	05996	Bentonite Dam	EACH	1	1.00	\$ 388.00	\$ 388.00
128	06100	Extra Bags of Cement	EACH	25		\$ 20.00	\$ -
129	07130	30" Type A Concrete Curb & Gutter	LF	1,030	1,000.00	\$ 18.00	\$ 18,000.00
130	07301	Curb Ramp Detectable Warning Fields	SF	48	64.00	\$ 55.00	\$ 3,520.00
131	07302	Pedestrian Curb	LF	25	70.00	\$ 40.00	\$ 2,800.00
132	07304	4-Inch Concrete Sidewalk	SF	550	1,070.50	\$ 8.00	\$ 8,564.00
133	07306	6-Inch Concrete Sidewalk & Drive	SF	900	101.10	\$ 6.00	\$ 606.60
134	08206	HMA Pavement 3 LT 58-28 H	TON	350	363.54	\$ 86.50	\$ 31,446.21
135	08208	HMA Pavement 5 LT 58-28 H	TON	225	230.16	\$ 101.50	\$ 23,361.24
136	11005	Concrete Bases Type 5, WDOT 654.0105	EACH	3	3.00	\$ 805.00	\$ 2,415.00
137	11012	Concrete Base - Type Post Top	EACH	14	14.00	\$ 650.00	\$ 9,100.00
138	11025	Pull Box - 15-Inch PVC	EACH	9	5.00	\$ 644.00	\$ 3,220.00
139	11026	Pull Box - 24-Inch Steel, WDOT 653.0140	EACH	2	2.00	\$ 763.00	\$ 1,526.00
140	11101	Conduit 2-Inch HDPE (Excavated)	LF	3,277	3,012.00	\$ 5.70	\$ 17,168.40
141	11102	Conduit 2-Inch HDPE Special (Bored)	LF	100	100.00	\$ 21.12	\$ 2,112.00
142	11123	#10 Xlp Use Wire	LF	375		\$ 0.80	\$ -
143	12201	Pavement Marking Epoxy, Line, 4-Inch	LF	625	501.00	\$ 5.25	\$ 2,630.25
144	12202	Pavement Marking Epoxy, Double Line, 4-Inch Yellow	LF	60	30.50	\$ 0.90	\$ 27.45
145	12250	Pavement Marking Epoxy, Stop Line, 18-Inch	LF	15	13.80	\$ 11.50	\$ 158.70
146	12990	Pavement Marking Epoxy, Symbol, Handicap	EACH	2	2.00	\$ 125.00	\$ 250.00
147	13020	Sign Post, 2 3/8-Inch Round	EACH	2	2.00	\$ 116.16	\$ 232.32
148	13021	Sign	EACH	2	2.00	\$ 126.27	\$ 252.54
149	14001	Topsoil	SY	100	57.90	\$ 5.30	\$ 306.87
150	14005	Topsoil & Sod	SY	150	133.90	\$ 8.84	\$ 1,183.68
151	14990	Fertilizer Type B & Erosion Matting, Class I, Type A	SY	12,750	7,885.00	\$ 1.46	\$ 11,512.10
152	14991	Fertilizer Type B & Mulching WisDOT 627.0200	SY	30,400	23,102.50	\$ 0.48	\$ 11,089.20
153	14992	Tall Grass Prairie Seeding	SY	24,250	16,245.30	\$ 0.91	\$ 14,783.22
154	14993	Manicured Turf Seeding	SY	18,900	14,739.60	\$ 0.45	\$ 6,632.82

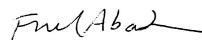
155	14994	Meadowview Park Landscaping Maintenance - Prairie Grass	LS	1		\$ 9,090.91	\$ -	
156	14995	Meadowview Park Landscaping Maintenance - Manicured Turf	LS	1		\$ 3,535.35	\$ -	
157	15001	Meadowview Park Water Service Lateral	LS	1	1.00	\$ 16,310.00	\$ 16,310.00	
Extra No. 13		HMA Pavement 4 LT 58-28 S (Meadowview Paths)	TON		841.14	\$ 86.21	\$ 72,514.68	
							SUBTOTAL:	\$ 792,323.34
							TOTAL:	\$ 2,886,552.07

MANDATORY MEADOWVIEW PARK ADD ALTERNATE BID ITEMS							
158	04991	3/4" Crushed Stone Roadway Base	TON	175		\$ 23.50	\$ -
159	08203	HMA Pavement 3 LT 58-28 S	TON	525		\$ 74.00	\$ -
160	08205	HMA Pavement 5 LT 58-28 S	TON	325		\$ 88.50	\$ -
161	09990	Meadowview Park Bridge Structure	LS	1		\$ 98,637.49	\$ -
162	11120	12/2 Uf W/Ground Wire	LF	120		\$ 1.06	\$ -
163	11123A	#10 Xlp Use Wire	LF	3,350		\$ 0.80	\$ -
164	11125	#6 Xlp Use Wire	LF	3,500		\$ 1.05	\$ -
165	11126	#4 Xlp Use Wire	LF	10,500		\$ 1.37	\$ -
166	11450	Install City-Furnished Street Lighting Unit	EACH	17		\$ 525.63	\$ -

Total \$ 2,886,552.07
 Less Retainage \$ 15,000.00
 Total \$ 2,871,552.07
 Less Previously Paid \$ 2,818,908.20
 Total Amount Due \$ 52,643.87

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$52,643.87 be allowed.

Respectfully Submitted,



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

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 (FINAL) to Wil-Surge Electric, Inc., 13201 W. Silver Spring Road, Butler, WI 53007 for Grandview And Meadowview Parks Lighting Upgrades - 2020.

Contract No. #4161

CONTRACT DATE: April 9, 2020

Original \$ 28,394.50

Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
11012	Concrete Post Top Bases	EACH	4	4	\$ 750.00	\$ 3,000.00
11102	Conduit 2-Inch HDPE Special	LN FT	550	550	\$ 12.87	\$ 7,078.50
11124	#8 XLP USE Wire	LN FT	1650	1650	\$ 0.74	\$ 1,221.00
11025	15-Inch Pull Box	EACH	2	2	\$ 375.00	\$ 750.00
			TOTAL:			\$ -
						\$ -
	Mandatory Add Alternate if Authorized					\$ -
11126	#4 XLP USE Wire	LN FT	10,500	10500	\$ 1.24	\$ 13,020.00
11125	#6 XLP USE Wire	LN FT	3,500	3500	\$ 0.95	\$ 3,325.00
			SUBTOTAL:			\$ -
			TOTAL:			\$ -

Total \$ 28,394.50

Less Retainage \$ -

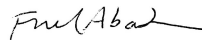
Total \$ 28,394.50

Less Previously Paid \$ 15,635.14

Total Amount Due \$ 12,759.36

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$12,759.36 be allowed.

Respectfully Submitted,



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

Director of Public Works

September 3, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 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		\$ 1,100.00	\$ -
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	4.00	\$ 2,750.00	\$ 11,000.00
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	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
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MANDATORY ALTERNATE #2 - RUBEN DRIVE AND LAURA LANE

1	01001	TRAFFIC CONTROL	LS	1	0.50	\$ 2,480.00	\$ 1,240.00
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		\$ 500.00	\$ -
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		\$ 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		\$ 64.10	\$ -
28	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1200		\$ 1.65	\$ -
29	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	305		\$ 2.45	\$ -
30	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	85		\$ 7.45	\$ -
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 \$ 1,640,826.91

Less Retainage \$ 82,041.35

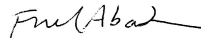
Total \$ 1,558,785.56

Less Previously Paid \$ 600,434.05

Total Amount Due \$ 958,351.51

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$958,351.51 be allowed.

Respectfully Submitted,



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