

August 20, 2020

SUMMARY TABLE FOR PARTIAL PAYMENTS

1.	All-Ways Contractors, Inc. for 2020 Asphalt Street Repairs.	\$ 4,395.12
2.	All-Ways Contractors, Inc., for Alley #32 (Newhall, Scott, Wilson, Grand) and #31 (Wilson, Newhall, Grand, Garfield) Reconstruction	\$ 41,491.25
3.	Kim Construction Co., Inc., for Sanitary Sewer Manhole Rehabilitation- 2020	\$158,024.37
4.	Musson Bros., Inc., for the Sanitary Sewer Lining-Pebble Valley Area	\$46,400.00
5.	State Contractors, Inc., for the S. Hartwell Ave and Oxford Road Utility and Street Improvements (Base Bid).....	\$126,802.79
6.	State Contractors, Inc., for the Barstow Street and Riverfront Street Utility and Street Improvements-Base Bid-Concrete Pavement	\$192,566.06
7.	Visu-Sewer, Inc., for the Sanitary Sewer Lining and Manhole Rehabilitation .	\$435,105.87
8.	Wolf Paving Co., Inc., for Resurfacing and Area 1 and 2 Flood Mitigation	\$272,459.00

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for (FINAL) Payment No. 3 to All-Ways Contractors, Inc., P. O. Box 798, Elm Grove, WI 53122 for 2020 Asphalt Street Repairs.

Contract No. #4159

CONTRACT DATE: April 9, 2020

Original \$ 155,760.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	08990	5-Inch Asphalt Utility Repair	SF	21,500	19,915.52	\$ 6.96	\$ 138,612.02
2	03501	Sawcut Full Depth	LF	4,000	4,048.20	\$ 1.53	\$ 6,193.75

Total \$ 144,805.77

Less Retainage

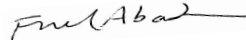
Total \$ 144,805.77

Less Previously Paid \$ 140,410.65

Total Amount Due \$ 4,395.12

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$4,395.12 be allowed.

Respectfully Submitted,



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

Director of Public Works

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 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

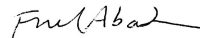
Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.4	\$ 1,950.00	\$ 780.00
2	02002	SILT FENCE	LF	150		\$ 1.50	\$ -
3	02003	EROSION BALES	EACH	20		\$ 10.00	\$ -
4	02005	INLET PROTECTION	EACH	8	2	\$ 50.00	\$ 100.00
5	03011	CLEARING	STA	4	3	\$ 550.00	\$ 1,650.00
6	03012	GRUBBING	STA	4		\$ 550.00	\$ -
7	03331	REMOVE EXISTING SIDEWALK	SF	8,400	3500	\$ 1.50	\$ 5,250.00
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	1,100	300	\$ 2.15	\$ 645.00
9	03650	REMOVE EXISTING ROADWAY	SY	2,200	1200	\$ 6.65	\$ 7,980.00
10	03990	REMOVE EXISTING RETAINING WALL	LF	60		\$ 22.70	\$ -
11	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,250	700	\$ 15.40	\$ 10,780.00
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	700	\$ 19.35	\$ 13,545.00
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		\$ 40.00	\$ -
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	\$	43,675.00
Less Retainage	\$	2,183.75
Total	\$	41,491.25
Less Previously Paid		
Total Amount Due	\$	41,491.25

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$41,491.25 be allowed.

Respectfully Submitted,



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

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 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	20	\$ 490.00	\$ 9,800.00
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	17	\$ 600.00	\$ 10,200.00
4	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1	1	\$ 2,000.00	\$ 2,000.00
5	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EACH	3	3	\$ 1,795.00	\$ 5,385.00
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	48	\$ 2,250.00	\$ 108,000.00
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		\$ 150.00	\$ -
11	08990	ASPHALT PAVEMENT PATCHING	EACH	49	51	\$ 400.00	\$ 20,400.00

Total \$ 163,085.00

Less Retainage \$ 5,060.63

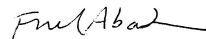
Total \$ 158,024.37

Less Previously
Paid

Total Amount
Due \$ 158,024.37

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$158,024.37 be allowed.

Respectfully Submitted,



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

Director of Public Works

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 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	0.6	\$ 10,000.00	\$ 6,000.00
2	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT (APPROX. 32 VERT. FT.)	EACH	28		\$ 1,075.00	\$ -
3	05050	INTERNAL CHIMNEY SEAL	EACH	28		\$ 725.00	\$ -
4	05056	SANITARY LATERAL CLEANOUT	EACH	213	196	\$ 1,325.00	\$ 259,700.00
5	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	213	99	\$ 250.00	\$ 24,750.00
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	99	\$ 3,150.00	\$ 311,850.00
12	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT.	LF	4600	1,248	\$ 45.00	\$ 56,160.00
13	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 123	EACH	11		\$ 1,700.00	\$ -
14	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	26		\$ 700.00	\$ -
15	05430	REPLACE SANITARY SEWER COVER	EACH	18		\$ 350.00	\$ -
16	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	28	56	\$ 200.00	\$ 11,200.00
17	05990	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF MANHOLE		25	19	\$ 2,600.00	\$ 49,400.00
18	05991	NOT USED					\$ -
18A	05992	REHABILITATE SANITARY MANHOLE CHIMNEY W/ CURED IN PLACE CHIMNEY	EACH	18		\$ 600.00	\$ -
19	07003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	1400		\$ 9.50	\$ -
20	08990	ASPHALT PAVEMENT PATCHING	EACH	28		\$ 1,000.00	\$ -
21	14005	TOPSOIL & SOD	SY	400		\$ 20.00	\$ -

Total \$ 1,039,949.50

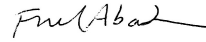
Less Retainage \$ 43,573.38

Total \$ 996,376.12

Less Previously Paid	\$	949,976.12
Total Amount Due	\$	46,400.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$46,400.00 be allowed.

Respectfully Submitted,



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

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 to State Contractors, Inc., 16575 W. Dakota Street, New Berlin, WI 53151 for S. Hartwell Avenue And Oxford Road Utility And Street Improvements (Base Bid).

Contract No. #4151

CONTRACT DATE: January 31, 2020

Original \$ 1,850,888.50

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 25,000.00	\$ 25,000.00
2	02003	EROSION BALES	EACH	20		\$ 5.00	\$ -
3	02005	INLET PROTECTION	EACH	20	12.00	\$ 40.00	\$ 480.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	5400	5333.50	\$ 3.00	\$ 16,000.50
5	03331	REMOVE EXISTING SIDEWALK	SF	15500	17200.32	\$ 2.00	\$ 34,400.64
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	230	204.00	\$ 4.00	\$ 816.00
7	03650	REMOVE EXISTING ROADWAY	SY	8500	8161.83	\$ 10.00	\$ 81,618.30
8	04010	SHAPING AND GRADING TO SUBGRADE	LF	2900	2865.00	\$ 35.00	\$ 100,275.00
9	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 3.00	\$ -
10	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 3.00	\$ -
11	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	5500	5500.00	\$ 18.00	\$ 99,000.00
12	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	3000	659.83	\$ 13.00	\$ 8,577.79
13	05050	INTERNAL CHIMNEY SEAL	EACH	10		\$ 500.00	\$ -
14	05056	SANITARY LATERAL CLEANOUT	EACH	29	27.00	\$ 1,632.00	\$ 44,064.00
15	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	29	27.00	\$ 265.50	\$ 7,168.50
16	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 6,200.00	\$ -
17	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 6,000.00	\$ -
18	05080	SANITARY LATERAL REINSTATEMENT	EACH	7	5.00	\$ 76.50	\$ 382.50
19	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	7		\$ 367.20	\$ -
20	05108	8 INCH PVC SANITARY SEWER PIPE	LF	415	422.60	\$ 120.00	\$ 50,712.00
21	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	105	82.00	\$ 160.00	\$ 13,120.00
22	05308	8 INCH CIPP SANITARY SEWER PIPE	LF	710	704.00	\$ 25.50	\$ 17,952.00
23	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	29	28.00	\$ 3,320.10	\$ 92,962.80
24	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	290	70.00	\$ 56.10	\$ 3,927.00

25	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	14	12.00	\$ 400.00	\$ 4,800.00
26	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	2		\$ 1,632.00	\$ -
27	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	8		\$ 1,200.00	\$ -
28	05475	48-INCH STORM SEWER MANHOLE	EACH	4	4.00	\$ 1,700.00	\$ 6,800.00
29	05485	2'X3' STORM INLET	EACH	8	8.00	\$ 1,200.00	\$ 9,600.00
30	05542	12 INCH RCP STORM SEWER PIPE	LF	125	100.00	\$ 130.00	\$ 13,000.00
31	05545	15 INCH RCP STORM SEWER PIPE	LF	580	450.00	\$ 75.00	\$ 33,750.00
32	05680	STORM SEWER INLET REPAIR	VF	20		\$ 750.00	\$ -
33	05681	STORM SEWER INLET ADJUSTMENT	EACH	4		\$ 450.00	\$ -
34	05692	STORM SEWER MANHOLE REPAIR	VF	10		\$ 750.00	\$ -
35	05693	STORM SEWER MANHOLE ADJUSTMENT	EACH	4		\$ 525.00	\$ -
36	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	4		\$ 900.00	\$ -
37	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	3640		\$ 2.04	\$ -
38	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	64	34.00	\$ 214.20	\$ 7,282.80
39	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2260		\$ 2.04	\$ -
40	05991	ABANDON LATERAL AT MAIN WITH CIPP LINER	EACH	12	12.00	\$ 1,734.00	\$ 20,808.00
41	06100	EXTRA BAGS OF CEMENT	EA	50		\$ 20.00	\$ -
42	06500	TYPE A SLURRY	CY	50		\$ 55.00	\$ -
43	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	100		\$ 100.00	\$ -
44	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	100		\$ 40.00	\$ -
45	07008	8-INCH CONCRETE PAVEMENT	SY	8500	8161.83	\$ 38.00	\$ 310,149.54
46	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	5400	5333.50	\$ 17.00	\$ 90,669.50
47	07304	4-INCH CONCRETE SIDEWALK	SF	6500	9691.16	\$ 6.00	\$ 58,146.96
48	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	7000	7509.16	\$ 6.00	\$ 45,054.96

49	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	2000	1980.00	\$ 6.00	\$ 11,880.00
50	08050	UTILITY TRENCH PATCH - TEMPORARY	SY	100		\$ 60.00	\$ -
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	60	34.93	\$ 175.00	\$ 6,112.75
52	08205	HMA PAVEMENT TYPE 5LT5828S	TON	40	34.43	\$ 175.00	\$ 6,025.25
53	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	50		\$ 200.00	\$ -
54	11990	PULL BOX ADJUSTMENT	EACH	8		\$ 632.00	\$ -
55	11991	PROTECT EXISTING STREET LIGHTING UNITS	LS	1	1.00	\$ 2,440.40	\$ 2,440.40
56	12120	PAVEMENT MARKING PAINT, CROSSWALK, 6-INCH	LF	60	64.30	\$ 17.75	\$ 1,141.33
57	12150	PAVEMENT MARKING PAINT, STOP LINE, 18-INCH	LF	30	13.70	\$ 55.00	\$ 753.50
58	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 10.00	\$ -
59	14005	TOPSOIL & SOD	SY	5500	3301.02	\$ 10.00	\$ 33,010.20
60	15001	FURNISH AND INSTALL 8" WATER MAIN AND FITTINGS	LF	2,560	2602.00	\$ 90.00	\$ 234,180.00
61	15002	FURNISH AND INSTALL 8" GATE VALVE	EA	7	7.00	\$ 1,500.00	\$ 10,500.00
62	15003	FURNISH AND INSTALL HYDRANT ASSEMBLY	EA	4	4.00	\$ 6,500.00	\$ 26,000.00
63	15004	CONNECT SERVICE LATERAL (SL1)	EA	1		\$ 2,050.00	\$ -
64	15005	CONNECT SERVICE LATERAL (SL2)	EA	16	17.00	\$ 2,100.00	\$ 35,700.00
65	15006	CONNECT SERVICE LATERAL (SL3)	EA	14	14.00	\$ 3,550.00	\$ 49,700.00
66	15007	CONNECT SERVICE LATERAL (SL4)	EA	3	3.00	\$ 3,450.00	\$ 10,350.00
67	15008	CONNECT SERVICE LATERAL (SL5)	EA	1	1.00	\$ 2,100.00	\$ 2,100.00
68	15009	ABANDON EXISTING HYDRANTS	EA	4	4.00	\$ 350.00	\$ 1,400.00
69	15010	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$ 650.00	\$ 650.00

Total \$ 1,628,462.22

Less Retainage \$ 46,272.21

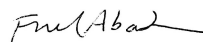
Total \$ 1,582,190.01

Less Previously Paid \$ 1,455,387.22

Total Amount Due \$ 126,802.79

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$126,802.79 be allowed.
8/31/2020

Respectfully Submitted,



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

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 12 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	0.75	\$ 92,188.39	\$ 69,141.29
2	01005	DETOUR ROUTE	LS	1	0.75	\$ 9,500.00	\$ 7,125.00
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	59,116.71	\$ 2.00	\$ 118,233.42
20	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	4,000	1,259.60	\$ 3.00	\$ 3,778.80

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	6,439.00	\$ 20.00	\$ 128,780.00
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	336.00	\$ 70.00	\$ 23,520.00

74	07302	PEDESTRIAN CURB	LF	300	267.90	\$ 50.00	\$ 13,395.00
75	07303	3-INCH CONCRETE SIDEWALK	SF	400		\$ 6.00	\$ -
76	07304	4-INCH CONCRETE SIDEWALK	SF	42,750	33,940.17	\$ 6.50	\$ 220,611.11
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	5,416.52	\$ 7.00	\$ 37,915.64
79	07990	8-INCH CONCRETE PAVEMENT, COLORED	SY	1,600	1,483.67	\$ 108.00	\$ 160,236.36
80	07991	9-INCH DOWELED CONCRETE PAVEMENT, COLORED	SY	600	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	171.30	\$ 5.30	\$ 907.89
84	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	2,500	1,180.67	\$ 55.00	\$ 64,936.85
85	08203	HMA PAVEMENT TYPE 3 LT 58 28 S	TON	625		\$ 100.00	\$ -
86	08204	HMA PAVEMENT TYPE 4 LT 58 28 S	TON	100		\$ 115.00	\$ -
87	08208	HMA PAVEMENT TYPE 5 LT 58 28 H	TON	450	21.37	\$ 135.00	\$ 2,884.95
88	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58 28 S	TON	50	36.87	\$ 200.00	\$ 7,374.00
89	09980	REMOVING OLD STRUCTURE STA 114+54, WisDOT 203.0200	LS	1	1.00	\$ 70,000.00	\$ 70,000.00
90	09981	EXCAVATION FOR STRUCTURES BRIDGES B-67-039, WisDOT 206.1000	LS	1	1.00	\$ 25,000.00	\$ 25,000.00
91	09982	CONCRETE MASONRY BRIDGES, WisDOT 502.0100	CY	18	15.50	\$ 1,400.00	\$ 21,700.00
92	09983	PROTECTIVE SURFACE TREATMENT, WisDOT 502.3200	SY	587	498.75	\$ 2.50	\$ 1,246.88
93	09984	SAWING PAVEMENT DECK PREPARATION AREAS, WisDOT 509.0310.S	LF	687	64.00	\$ 15.00	\$ 960.00
94	09985	PREPARATION DECKS TYPE 1, WisDOT 509.0351	SY	75	182.00	\$ 230.00	\$ 41,860.00
95	09986	PREPARATION DECKS TYPE 2, WisDOT 509.0352	SY	30	80.39	\$ 290.00	\$ 23,313.10
96	09987	CLEANING DECKS, WisDOT 509.0500	SY	398	393.00	\$ 30.00	\$ 11,790.00
97	09988	CURB REPAIR, WisDOT 509.1200	LF	30	56.60	\$ 100.00	\$ 5,660.00
98	09989	CONCRETE SURFACE REPAIR, WisDOT 509.1500	SF	140	65.49	\$ 325.00	\$ 21,284.25
99	09990	CONCRETE MASONRY OVERLAY DECKS, WisDOT 509.2500	CY	24	40.90	\$ 2,000.00	\$ 81,800.00
100	09991	ADHESIVE ANCHORS 1/2-INCH, WisDOT 502.4104	EACH	16	80.00	\$ 20.00	\$ 1,600.00

101	09992	BAR STEEL REINFORCEMENT HS COATED STRUCTURES, WisDOT 505.0600	LB	1,020	1,607.09	\$ 4.50	\$ 7,231.91
102	09993	JOINT REPAIR, WisDOT 509.1000	SY	26	23.20	\$ 1,300.00	\$ 30,160.00
103	09994	CLEANING AND PAINTING BEARINGS	EACH	30	30.00	\$ 600.00	\$ 18,000.00
104	09995	PEDESTRIAN RAILING	LF	132	131.50	\$ 170.00	\$ 22,355.00
105	10002A	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & WISCONSIN	LS	1		\$ 2,891.14	\$ -
106	10002B	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, BARSTOW & SOUTH	LS	1	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	33.00	\$ 840.85	\$ 27,748.05
114	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	15	15.00	\$ 677.85	\$ 10,167.75
115	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	12	10.00	\$ 885.39	\$ 8,853.90
116	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	13	8.00	\$ 4,234.80	\$ 33,878.40
117	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	3	2.00	\$ 1,538.03	\$ 3,076.06
118	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	2,310	1,393.00	\$ 1.43	\$ 1,991.99
119	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	6,910	3,876.50	\$ 2.06	\$ 7,985.59
120	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,340	1,012.50	\$ 1.54	\$ 1,559.25
121	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	6,110	4,009.50	\$ 1.57	\$ 6,294.92
122	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	1,180	574.00	\$ 1.04	\$ 596.96
123	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3,010	1,514.00	\$ 1.51	\$ 2,286.14
124	10140A	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & SOUTH, WDOT 655.0200.01	LS	1		\$ 993.98	\$ -
125	10140B	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & MAIN, WDOT 655.0200.02	LS	1	1.00	\$ 993.98	\$ 993.98
126	10140C	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & BANK, WDOT 655.0200.03	LS	1	1.00	\$ 993.98	\$ 993.98

127	10140D	ELECTRICAL SERVICE METER BREAKER PEDESTAL, BARSTOW & NORTH, WDOT 655.0200.04	LS	1		\$ 1,519.64	\$ -
128	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	9.00	\$ 257.62	\$ 2,318.58
129	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	16	8.00	\$ 470.30	\$ 3,762.40
130	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED	EACH	3	2.00	\$ 25,319.53	\$ 50,639.06
131	10154	POLES, TYPE 4, WDOT 657.0315	EACH	16	8.00	\$ 1,442.67	\$ 11,541.36
132	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	16	8.00	\$ 200.09	\$ 1,600.72
133	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	14	8.00	\$ 642.62	\$ 5,140.96
134	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	3	1.00	\$ 537.44	\$ 537.44
135	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	54	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	32.00	\$ 620.70	\$ 19,862.40
181	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	24	12.00	\$ 814.57	\$ 9,774.84
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	0.80	\$ 3,942.43	\$ 3,153.94
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	39.00	\$ 65.71	\$ 2,562.69
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	17.00	\$ 1,494.49	\$ 25,406.33
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	49.00	\$ 150.00	\$ 7,350.00
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	13.00	\$ 1,000.00	\$ 13,000.00
234	14989	PLANTER BED CURB	LF	950	488.90	\$ 50.00	\$ 24,445.00
235	14990	ARONIA MELANOCARPA "MORTON" (IROQUOIS BEAUTY BLACK CHOKEBERRY)	EACH	17	16.00	\$ 95.00	\$ 1,520.00
236	14991	HYDRANGEA PANICULATA "BOBO" (BOBO HYDRANGEA)	EACH	10		\$ 115.00	\$ -
237	14992	HYDRANGEA PANICULATA "LITTLE LIME" (LITTLE LIME HYDRANGEA)	EACH	4		\$ 115.00	\$ -
238	14993	ROSA RUGOSA "DWARF PAVEMENT" (DWARF PAVEMENT RUGOSA ROSE)	EACH	26	16.00	\$ 95.00	\$ 1,520.00
239	14994	VIBURNUM LENTAGO "TREE FORM" (TREE FORM NANNYBERRY VIBUMUM)	EACH	3		\$ 650.00	\$ -
240	14995	CALAMAGROSTIS X ACUTIFLORA "KARL FOERSTER" (FEATHER REED GRASS)	EACH	25		\$ 42.00	\$ -
241	14996	SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	EACH	74	38.00	\$ 42.00	\$ 1,596.00
242	14997	ACHILLEA X "MOONSHINE" (MOONSHINE YARROW)	EACH	23	5.00	\$ 42.00	\$ 210.00
243	14998	HEMEROCALLIS X "STELLA DE ORO" (STELLA DE ORO DAYLILY)	EACH	95	78.00	\$ 42.00	\$ 3,276.00
244	14999	NEPETA X FAASSENII "NOVANEPJUN" TM (JUNIOR WALKER CATMINT)	EACH	16	12.00	\$ 42.00	\$ 504.00
245	15001	24-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	100	98.00	\$ 840.00	\$ 82,320.00
246	15002	12-INCH WATER MAIN AND FITTINGS (NEXT TO EXISTING WATER MAIN)	LF	3,020	3,030.00	\$ 170.00	\$ 515,100.00
247	15003	12-INCH WATER MAIN AND FITTINGS (REMOVE EXISTING WATER MAIN	LF	340	328.00	\$ 160.00	\$ 52,480.00
248	15004	8-INCH WATER MAIN AND FITTINGS	LF	240	240.00	\$ 235.00	\$ 56,400.00
249	15005	12-INCH GATE VALVE AND BOX	EACH	8	8.00	\$ 3,150.00	\$ 25,200.00
250	15006	8-INCH GATE VALVE AND BOX	EACH	2	2.00	\$ 1,630.00	\$ 3,260.00
251	15007	HYDRANT VALVE, 6-INCH D.I. LEAD AND HYDRANT	EACH	8	8.00	\$ 7,530.00	\$ 60,240.00
252	15008	CONNECT SERVICE LATERAL (SL1)	EACH	6	6.00	\$ 3,065.00	\$ 18,390.00
253	15009	CONNECT SERVICE LATERAL (SL2)	EACH	1	1.00	\$ 3,575.00	\$ 3,575.00
254	15010	CONNECT SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 3,455.00	\$ 3,455.00
255	15011	CONNECT SERVICE LATERAL (SL4)	EACH	1	1.00	\$ 3,340.00	\$ 3,340.00
256	15012	CONNECT SERVICE LATERAL (SL5)	EACH	1	1.00	\$ 3,450.00	\$ 3,450.00
257	15013	CONNECT SERVICE LATERAL (SL6)	EACH	1	1.00	\$ 3,300.00	\$ 3,300.00
258	15014	CONNECT SERVICE LATERAL (SL7)	EACH	4	4.00	\$ 5,465.00	\$ 21,860.00
259	15015	CONNECT SERVICE LATERAL (SL8)	EACH	3	3.00	\$ 9,125.00	\$ 27,375.00

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

Total \$ 5,625,670.37

Less Retainage \$ 182,710.03

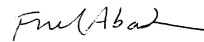
Total \$ 5,442,960.34

Less Previously Paid \$ 5,250,394.28

Total Amount Due \$ 192,566.06

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$192,566.06 be allowed.

Respectfully Submitted,



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

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Visu-Sewer, Inc., W230 N4855 Betker Drive, Pewaukee, WI 53072 for Sanitary Sewer Lining And Manhole Rehabilitation.

Contract No. #4152

CONTRACT DATE: February 20, 2020

Original \$ 519,825.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$ 19,500.00	\$ 14,625.00
2	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EACH	4	4	\$ 2,950.00	\$ 11,800.00
3	05050	INTERNAL CHIMNEY SEAL	EACH	10	10	\$ 805.00	\$ 8,050.00
4	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 32,750.00	\$ -
5	05080	SANITARY LATERAL REINSTATEMENT	EACH	10	10	\$ 150.00	\$ 1,500.00
6	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	10		\$ 485.00	\$ -
7	05311	15 INCH CIPP SANITARY SEWER PIPE	LF	1995	1998	\$ 70.75	\$ 141,358.50
8	05312	18 INCH CIPP SANITARY SEWER PIPE	LF	1110	1107	\$ 81.50	\$ 90,220.50
9	05316	24 INCH CIPP SANITARY SEWER PIPE	LF	1550	1551	\$ 88.75	\$ 137,651.25
10	05318	27 INCH CIPP SANITARY SEWER PIPE	LF	25	25	\$ 605.00	\$ 15,125.00
11	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 226 VERT. FT.)	EACH	19	5	\$ 1,390.00	\$ 6,950.00
12	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	6	6	\$ 1,605.00	\$ 9,630.00
13	05430	REPLACE SANITARY SEWER COVER	EACH	3	3	\$ 375.00	\$ 1,125.00
14	05431	REPLACE SANITARY SEWER FRAME & COVER	EACH	1	1	\$ 1,100.00	\$ 1,100.00
15	05990	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER & EPOXY COATING (APPROX. 30 VERT. FT.)	EACH	2		\$ 4,450.00	\$ -
16	05991	REMOVE EXISTING METAL PIPING IN MANHOLE	LS	1	1	\$ 3,700.00	\$ 3,700.00
17	08990	ASPHALT PAVEMENT PATCHING	EACH	2	2	\$ 2,200.00	\$ 4,400.00
18	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	23	11	\$ 78.75	\$ 866.25

Total \$ 448,101.50

Less Retainage \$ 12,995.63

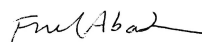
Total \$ 435,105.87

Less Previously Paid \$ -

Total Amount Due \$ 435,105.87

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$435,105.87 be allowed.

Respectfully Submitted,



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

Director of Public Works

August 20, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 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		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	6.00	\$ 1,375.00	\$ 8,250.00
6	03250	REMOVE FENCE	LF	55		\$ 25.00	\$ -
7	03331	REMOVE EXISTING SIDEWALK	SF	9500		\$ 3.20	\$ -
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	400		\$ 2.25	\$ -
9	04002	EXCAVATION CUT	CY	6125		\$ 35.00	\$ -
10	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1700		\$ 2.02	\$ -
11	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$ 2.41	\$ -
12	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2000		\$ 13.55	\$ -
13	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.40	\$ -
14	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	17000		\$ 1.21	\$ -
15	05020	SANITARY SEWER MANOLE ADJUSTMENT	EA	11		\$ 1,100.00	\$ -
16	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EA	37		\$ 1,875.00	\$ -
17	05050	INTERNAL CHIMNEY SEAL	EA	37		\$ 500.00	\$ -
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EA	9		\$ 750.00	\$ -
19	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EA	3		\$ 860.00	\$ -
20	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GAL	20		\$ 10.00	\$ -
21	05485	2'X3' STORM INLET	EA	3	3.00	\$ 1,200.00	\$ 3,600.00
22	05542	12 INCH RCP STORM SEWER PIPE	LF	105	50.00	\$ 90.00	\$ 4,500.00
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		\$ 1,000.00	\$ -
25	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
26	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EA	1		\$ 1,600.00	\$ -
27	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EA	1	1.00	\$ 750.00	\$ 750.00
28	05902	MEDIUM RIPRAP	CY	60	20.00	\$ 130.00	\$ 2,600.00
29	05903	HEAVY RIPRAP	CY	575	150.00	\$ 100.00	\$ 15,000.00
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	9175	2395.00	\$ 0.01	\$ 23.95

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	202.00	\$ 800.00	\$ 161,600.00
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		\$ 50.70	\$ -
43	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	496		\$ 50.00	\$ -
44	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
45	07304	4-INCH CONCRETE SIDEWALK	SF	9500		\$ 7.00	\$ -
46	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	17700		\$ 2.01	\$ -
47	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	17000		\$ 2.21	\$ -
48	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	8750		\$ 0.20	\$ -
49	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	400		\$ 12.05	\$ -
50	08065	HMA PAVEMENT PATCHING	SY	1000		\$ 15.32	\$ -
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3000		\$ 63.50	\$ -
52	08205	HMA PAVEMENT TYPE 5LT5828S	TON	3100		\$ 69.10	\$ -
53	08403	PAVEMENT CRACK SEALING	SY	8750		\$ 1.38	\$ -
54	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	3400		\$ 1.65	\$ -
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	80		\$ 3.35	\$ -
56	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	315		\$ 2.45	\$ -
57	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	415		\$ 4.95	\$ -
58	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	75		\$ 7.45	\$ -
59	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EA	1		\$ 165.00	\$ -
60	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 7.30	\$ -
61	14005	TOPSOIL & SOD	SY	1000		\$ 12.80	\$ -
62	14101	SPLIT-RAIL WOOD FENCE	LF	55		\$ 42.40	\$ -
63	15001	WATERMAIN OFFSETS	EA	3	3.00	\$ 8,500.00	\$ 25,500.00
64	14990	VEGITATED RIP RAP	SY	9,175		\$ 0.01	\$ -

MANDATORY ALTERNATE #1 - REMOVAL OF COFFER DAM

1	03989	REMOVE COFFER DAM, MINOR GRADING, AND RESTORE WITH VEGETATED RIP RAP	LS	1		\$ 12,500.00	\$ -
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MANDATORY ALTERNATE #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		\$ 3.20	\$ -
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		\$ 1.00	\$ -
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	500.00	\$ 50.70	\$ 25,350.00
22	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	336	72.00	\$ 50.00	\$ 3,600.00
23	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
24	07304	4-INCH CONCRETE SIDEWALK	SF	6350	1500.00	\$ 7.00	\$ 10,500.00
25	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	18200		\$ 2.21	\$ -
26	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3200		\$ 58.40	\$ -
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	\$ -

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 \$ 632,035.84

Less Retainage \$ 31,601.79

Total \$ 600,434.05

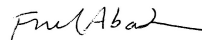
Less Previously Paid \$ 327,975.05

Total Amount Due \$ 272,459.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$272,459.00 be allowed.

8/13/2020

Respectfully Submitted,



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