

SUMMARY TABLE
FOR
PARTIAL PAYMENTS
November 18, 2021

1. Advance Construction, Inc. for West Side Pump Station Consolidation.	\$660,069.31
2. Ford Construction Co., Inc. for Fire Station No. 4 Renovation and Addition – 1700 Northview Rd.	\$34,333.51
3. LaLonde Contractors, Inc., for N & S Prairie Avenue, Sentry Drive and W. Sunset Drive Utility and Street Improvements - Concrete.	\$199,817.12
4. Payne & Dolan, Inc., for 2021 Asphalt Street Resurfacing.	\$471,780.01
5. Perfect Turf LLC for Installation of Poured-In-Place Resilient Surfacing For Dopp, Priedeman And Howell Oaks Subdivision Park Playgrounds.	\$86,604.00
6. C.W. Purpero, Inc. for Area 1 And 2 flood Mitigation (Rolling Ridge Ditch Grading).	\$60,053.59
7. C.D. Smith Construction, Inc. for Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plan.	\$778,412.18
8. State Contractors, Inc. for Concrete Sidewalk Replacement - City Wide.	\$149,144.40
9. Thunder Road LLC for 2021 Crackfilling.	\$56,049.60
10.D.F. Tomasini Contractors, inc. for Oxford Road, Downing Drive, Algoma Terrace, Rawlins Drive And Badger Drive Utility And Street Improvements.	\$78,750.00
11.Wolf Paving Co., Inc. for 2020 Resurfacing And Area 1 and 2 Flood Mitigation.	\$10,000.00

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54313 for West Side Pump Station Consolidation.

Contract No. #4163

CONTRACT DATE: April 9, 2020

Original

\$ 7,449,654.95

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	\$ 23,870.00	\$ 23,870.00
2	01010	MOBILIZATION	LS	1	1	\$ 450,000.00	\$ 450,000.00
3	01017	TEMPORARY SAFETY FENCE	LF	300		\$ 6.00	\$ -
4	02002	SILT FENCE	LF	7,200	8,800	\$ 2.00	\$ 17,600.00
5	02005	INLET PROTECTION	EACH	4	5	\$ 125.00	\$ 625.00
6	02010	CONSTRUCTION ENTRANCE	EACH	5	5	\$ 2,500.00	\$ 12,500.00
7	03001	CLEARING	LS	1	1	\$ 29,000.00	\$ 29,000.00
8	03002	GRUBBING	LS	1	1	\$ 13,340.00	\$ 13,340.00
9	03100	REMOVE SEWER MANHOLE	EACH	8	8	\$ 1,000.00	\$ 8,000.00
10	03110	REMOVE PIPE	LF	2,219	2210	\$ 20.00	\$ 44,200.00
11	03200	ABANDON SEWER MANHOLE	EACH	8	8	\$ 700.00	\$ 5,600.00
12	03205	ABANDON PIPE	LF	600	600	\$ 15.00	\$ 9,000.00
13	03300	REMOVE EXISTING CURB AND GUTTER	LF	485	485	\$ 5.00	\$ 2,425.00
14	03331	REMOVE EXISTING SIDEWALK	SY	67	67	\$ 5.00	\$ 335.00
15	03990	DECOMMISSION SUMMIT AVE PUMP STATION	LS	1	1.0	\$ 16,875.00	\$ 16,875.00
16	03991	DECOMMISSION FIDDLERS CREEK PUMP STATION	LS	1	1	\$ 16,875.00	\$ 16,875.00
17	03992	DECOMMISSION CONEVIEW PUMP STATION	LS	1	1	\$ 16,875.00	\$ 16,875.00
18	03993	TREE TRIMMING STA 9+50 TO STA 17+00	LS	1	1	\$ 7,580.00	\$ 7,580.00
19	03994	REMOVE EXISTING ASPHALTIC SURFACE	SY	409		\$ 5.00	\$ -
20	04005	ROCK EXCAVATION	CY	1,800	1,365.5	\$ 101.00	\$ 137,915.50
21	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1,800	2,210	\$ 15.60	\$ 34,476.00
22	04120	SLURRY BACKFILL	CY	151	247	\$ 110.00	\$ 27,170.00
23	04990	TRENCHLESS SEWER PIPE INSTALLATION, 30-INCH CASING PIPE: MEADOWBROOK RD CROSSING NORTH OF SUMMIT AVE	LF	162	172	\$ 1,950.00	\$ 335,400.00
24	04991	TRENCHLESS SEWER PIPE INSTALLATION, 30-INCH CASING PIPE: PEBBLE CREEK CROSSING NORTH OF SUMMIT AVE	LF	57		\$ 2,598.00	
	04991a	TRENCHLESS SEWER PIPE INSTALLATION, 16-INCH HDD: PEBBLE CREEK CROSSING NORTH OF SUMMIT AVE	LF	57		\$ 2,000.00	
	04991b	OPEN CUT SEWER INSTALLATION ,15-INCH: PEBBLE CREEK CROSSING NORTH OF SUMMIT	LF	57	57	\$ 1,125.00	\$ 64,125.00
25	04992	TRENCHLESS SEWER PIPE INSTALLATION, 30-INCH CASING PIPE: SUMMIT AVE CROSSING	LF	145	151	\$ 2,179.00	\$ 329,029.00

26	04993	TRENCHLESS SEWER PIPE INSTALLATION, 30-INCH CASING PIPE: PEBBLE CREEK CROSSING AT FIDDLERS CREEK PS	LF	84	Not used See alternate item below	\$ 2,317.00	
	04993a	TRENCHLESS SEWER PIPE INSTALLATION, 8-INCH HDD: PEBBLE CREEK CROSSING AT FIDDLERS CREEK PS	LF	84	84	\$ 1,500.00	\$ 126,000.00
27	04994	TRENCHLESS SEWER PIPE INSTALLATION, SINGLE 48-INCH PIPE OR DUAL 30-INCH CASING PIPE: WAUKESHA BYPASS CROSSING	LF	184	184	\$ 2,444.00	\$ 449,696.00
	04994a	TRENCHLESS SEWER PIPE INSTALLATION, SINGLE 48-INCH PIPE OR DUAL 30-INCH CASING PIPE SB LANES, OPEN CUT NB LANES: WAUKESHA BYPASS CROSSING	LF	184	Not Used See base bid item above	\$ 1,991.89	\$ -
28	04995	TRENCHLESS SEWER PIPE INSTALLATION, SINGLE 48-INCH PIPE OR DUAL 30-INCH CASING PIPE: TRIBUTARY TO PEBBLE CREEK CROSSING	LF	49	Not used See alternate item below	\$ 3,092.00	\$ -
	04995a	OPEN CUT SEWER INSTALLATION, 12-INCH SAN AND 16-INCH FM: TRIBUTARY TO PEBBLE CREEK CROSSING	LF	49	49	\$ 1,724.00	\$ 84,476.00
29	04996	BOULDER OBSTRUCTION REMOVAL	EACH	6	26	\$ 7,000.00	\$ 182,000.00
30	04997	TRENCH STABILIZATION	LF	300		\$ 40.00	\$ -
31	05011	PIPE BULKHEAD	EACH	35	12	\$ 500.00	\$ 6,000.00
32	05040	8-INCH SANITARY SEWER OUTSIDE DROP	VF	41	41	\$ 423.00	\$ 17,343.00
33	05050	INTERNAL CHIMNEY SEAL	EACH	29		\$ 326.00	\$ -
34	05108	8-INCH PVC SANITARY SEWER PIPE	LF	652	609.5	\$ 158.50	\$ 96,605.75
35	05112	12-INCH PVC SANITARY SEWER PIPE	LF	975	979	\$ 255.00	\$ 249,645.00
36	05115	15-INCH PVC SANITARY SEWER PIPE	LF	6,295	6,279.5	\$ 235.00	\$ 1,475,682.50
37	05155	6-INCH SANITARY SEWER LATERAL	LF	35	5	\$ 265.00	\$ 1,325.00
38	05176	6-INCH SANITARY SEWER RISER	VF	5	5	\$ 300.00	\$ 1,500.00
39	05216	16 INCH PVC PRESSURE SANITARY SEWER PIPE	LF	1,973	2,088	\$ 176.00	\$ 367,488.00
40	05400	48-INCH DIA SANITARY MANHOLE	VF	451	468.65	\$ 393.00	\$ 184,179.45
41	05524	24-INCH PVC STORM SEWER PIPE	LF	20	20	\$ 160.00	\$ 3,200.00
42	05560	30 INCH RCP STORM SEWER PIPE	LF	99	40	\$ 108.00	\$ 4,320.00
43	05730	30 INCH RCP STORM SEWER FLARED END SECTION	EACH	1		\$ 2,970.00	\$ -
44	05903	HEAVY RIPRAP	CY	6	30	\$ 200.00	\$ 6,000.00
45	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	33		\$ 2.50	\$ -
46	05951	SANITARY SEWER CLEANING AND TELEVISION - PREPAVING	LF	9,870	7867	\$ 4.50	\$ 35,401.50
47	05952	SANITARY SEWER LATERAL TELEVISION - PREPAVING	EACH	3		\$ 1,750.00	\$ -
48	05990	16 INCH CIPP SANITARY SEWER PRESSURE PIPE	LF	2,485	1240	\$ 180.83	\$ 224,229.20
49	05991	MADISON ST PUMP STATION UPGRADES	LS	1	1	\$ 1,200,000.00	\$ 1,200,000.00
50	05992	AIR RELEASE/VACUUM VALVE MANHOLE	EACH	2	2	\$ 23,602.00	\$ 47,204.00
51	05993	FURNISH AND INSTALL POLYSTYRENE INSULATION	LF	125		\$ 5.00	\$ -
52	05994	DEWATERING	LS	1	1	\$ 237,000.00	\$ 237,000.00
53	05995	CONNECT TO EXISTING MANHOLE	EACH	4	3	\$ 4,000.00	\$ 12,000.00

54	05996	6-INCH SANITARY SEWER OUTSIDE DROP	VF	9		\$ 400.00	\$ -
55	05997	12-INCH SANITARY SEWER OUTSIDE DROP	VF	4	2.87	\$ 500.00	\$ 1,435.00
56	05998	72-INCH SANITARY SEWER MANHOLE	VF	13	12.8	\$ 814.00	\$ 10,419.20
57	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	35	411	\$ 35.00	\$ 14,385.00
58	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	450	344	\$ 35.00	\$ 12,040.00
59	07302	PEDESTRIAN CURB	LF	20		\$ 55.00	\$ -
60	07304	4-INCH CONCRETE SIDEWALK	SF	600	817	\$ 8.10	\$ 6,617.70
61	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	1,020	2070	\$ 9.70	\$ 20,079.00
62	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	1,020	2,070	\$ 1.00	\$ 2,070.00
63	08065	HMA PAVEMENT PATCHING	SY	51		\$ 76.40	\$ -
64	08206	HMA PAVEMENT TYPE 3LT5828H	TON	334	725.99	\$ 138.25	\$ 100,368.12
65	08208	HMA PAVEMENT TYPE 5LT5828H	TON	772	941.14	\$ 137.00	\$ 128,936.18
66	08403	PAVEMENT CRACK SEALING	SY	1,020		\$ 2.45	\$ -
67	14003	TOPSOIL, FERTILIZER, SEED NO. 40, & EROSION MAT	SY	8,000	21,050	\$ 6.55	\$ 137,877.50
68	14003a	TOPSOIL, FERTILIZER, SEED NO. 70, & EROSION MAT	SY	26,000	34,600	\$ 6.07	\$ 210,022.00
69	14003b	TOPSOIL, FERTILIZER, PRAIRIE SEED, & EROSION MAT	SY	1,000	800	\$ 6.17	\$ 4,936.00
70	14005	TOPSOIL AND SOD	SY	400		\$ 10.95	\$ -
71	14990	TEMPORARY PAVED ACCESS	LS	1	1	\$ 50,000.00	\$ 50,000.00
72	15991	FURNISH AND INSTALL 8-INCH PVC WATER MAIN AND FITTINGS FOR LOWERING	LS	1		\$ 10,000.00	\$ -

Total \$ 7,313,296.60
 Less Retainage \$ 186,241.37

 Total \$ 7,127,055.23
 Less Previously Paid \$ 6,466,985.92

 Total Amount Due \$ 660,069.31

Respectfully Submitted,

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

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 6 (Final) to *Ford Construction Co., Inc. 1419 Poplar Drive, Waukesha WI 53188 for Fire Station No. 4 Renovation and Addition - 1700 Northview Rd.*

Contract No. #4208

CONTRACT DATE: April 8, 2021

Original \$ 216,373.00
Updated \$ 234,525.86

Item No.	Item Description	Scheduled Value	Completed Work
1000	General Conditions	\$14,758.00	\$ 14,758.00
1350	Permits	\$3,346.00	\$ 3,346.00
2050	Demolition	\$678.00	\$ 678.00
2250	Earthwork	\$16,511.00	\$ 16,511.00
2600	Paving	\$7,779.00	\$ 7,779.00
2650	Landscape	\$8,066.00	\$ 8,066.00
3100	Concrete	\$23,508.00	\$ 23,508.00
4100	Masonry	\$28,669.00	\$ 28,669.00
6100	Rough Carpentry	\$22,118.00	\$ 22,118.00
7150	Fluid Applied	\$2,765.00	\$ 2,765.00
7200	Insulation	\$514.00	\$ 514.00
7600	Roofing/Siding	\$18,038.00	\$ 18,038.00
7975	Caulking	\$767.00	\$ 767.00
8100	Doors-Man	\$10,253.00	\$ 10,253.00
8275	Overhead Doors	\$3,685.00	\$ 3,685.00
9200	Steel Studs	\$8,180.00	\$ 8,180.00
9550	Flooring	\$2,067.00	\$ 2,067.00
9900	Painting	\$7,157.00	\$ 7,157.00
10500	Locker-Relocation	\$1,336.00	\$ 1,336.00
15500	HVAC	\$13,609.00	\$ 13,609.00
16200	Electrical	\$22,569.00	\$ 22,569.00
	Change Order No 1	\$9,167.32	\$ 9,167.32
	Change Order No 2	\$8,985.54	\$ 8,985.54

Total \$ 234,525.86

Less Retainage

Total \$ 234,525.86

Less Previously Paid \$ 200,192.35

Total Amount Due \$ 34,333.51

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$34,333.51 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 16 to LaLonde Contractors, Inc., 1609 Lincoln Avenue, Waukesha, WI 53186 for N & S Prairie Avenue, Sentry Drive And W. Sunset Drive Utility And Street improvements - Concrete.

Contract No. #4193

CONTRACT DATE: March 2, 2021

Original \$ 10,075,848.93

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.96	\$ 165,284.02	\$ 158,672.66
2	01005	DETOUR ROUTE	LS	1	0.96	\$ 11,850.00	\$ 11,376.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	0.96	\$ 5,500.00	\$ 5,280.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$ 3,600.00	\$ -
5	01990	ADDITIONAL CUSTOM TRAFFIC CONTROL SIGN	SF	200		\$ 15.00	\$ -
6	01991	RAILROAD FLAGGING	LS	1	0.31	\$ 20,000.00	\$ 6,200.00
7	02002	SILT FENCE	LF	300	339.50	\$ 1.70	\$ 577.15
8	02003	EROSION BALES	EACH	100		\$ 2.00	\$ -
9	02005	INLET PROTECTION	EACH	90	62.00	\$ 55.00	\$ 3,410.00
10	02166	CULVERT PIPE CHECK	EACH	20		\$ 40.00	\$ -
11	03041	CLEARING	INCH DIA	75	126.00	\$ 21.20	\$ 2,671.20
12	03042	GRUBBING	INCH DIA	100	112.00	\$ 12.50	\$ 1,400.00
13	03060	REMOVE AND REPLACE MAILBOX	EACH	45	22.50	\$ 90.00	\$ 2,025.00
14	03061	INSTALL TEMPORARY MAILBOX(ES)	LS	1	1.00	\$ 475.00	\$ 475.00
15	03100	REMOVE SEWER MANHOLE	EACH	4	1.00	\$ 700.00	\$ 700.00
16	03101	REMOVE INLET	EACH	10	21.00	\$ 600.00	\$ 12,600.00
17	03110	REMOVE PIPE	LF	320	370.61	\$ 25.00	\$ 9,265.25
18	03200	ABANDON SEWER MANHOLE	EACH	12	7.00	\$ 800.00	\$ 5,600.00
19	03205	ABANDON PIPE	LF	1,050	859.40	\$ 25.00	\$ 21,485.00
20	03300	REMOVE EXISTING CURB AND GUTTER	LF	18,500	21,333.94	\$ 2.95	\$ 62,935.12
21	03331	REMOVE EXISTING SIDEWALK	SF	55,000	44,656.77	\$ 1.18	\$ 52,694.99
22	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	2,400	1,778.20	\$ 2.25	\$ 4,000.95
23	03650	REMOVE EXISTING ROADWAY	SY	60,000	57,669.17	\$ 10.06	\$ 580,151.85
24	03990	REMOVE EXISITNG HMA PATH	SY	4,400	1,211.58	\$ 7.24	\$ 8,771.84
25	03991	REMOVE EXISTING RAILROAD CROSSING	LF	240	188.40	\$ 32.40	\$ 6,104.16

26	04010	SHAPING AND GRADING TO SUBGRADE	LF	11,500	10,972.50	\$ 1.00	\$ 10,972.50
27	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	7,000		\$ 1.72	\$ -
28	04016	GEOTEXTILE GRID TYPE BX1100	SY	7,000		\$ 1.80	\$ -
29	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	37,000	30,427.00	\$ 14.09	\$ 428,716.43
30	04120	SLURRY BACKFILL	CY	200		\$ 65.00	\$ -
31	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	13,600	9,800.08	\$ 15.00	\$ 147,001.20
32	05011	PIPE BULKHEAD	EACH	5	3.00	\$ 250.00	\$ 750.00
33	05050	INTERNAL CHIMNEY SEAL	EACH	55		\$ 420.00	\$ -
34	05056	SANITARY LATERAL CLEANOUT	EACH	16	1.00	\$ 2,035.00	\$ 2,035.00
35	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	16	8.00	\$ 485.00	\$ 3,880.00
36	05075	SANITARY SEWER SPOT REPAIR	EACH	4	3.00	\$ 8,500.00	\$ 25,500.00
37	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 5,000.00	\$ -
38	05080	SANITARY LATERAL REINSTATEMENT	EACH	18	18.00	\$ 125.00	\$ 2,250.00
39	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	7	6.00	\$ 1,585.00	\$ 9,510.00
40	05108	8 INCH PVC SANITARY SEWER PIPE	LF	650	646.50	\$ 102.00	\$ 65,943.00
41	05112	12 INCH PVC SANITARY SEWER PIPE	LF	20	16.60	\$ 200.00	\$ 3,320.00
42	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	760	766.52	\$ 110.00	\$ 84,317.20
43	05309	10 INCH CIPP SANITARY SEWER PIPE	LF	1,700	1,699.00	\$ 24.50	\$ 41,625.50
44	05311	15 INCH CIPP SANITARY SEWER PIPE	LF	1,090	1,096.50	\$ 58.25	\$ 63,871.13
45	05320	36 INCH CIPP SANITARY SEWER PIPE	LF	3,290	3,290.00	\$ 238.50	\$ 784,665.00
46	05321	42 INCH CIPP SANITARY SEWER PIPE	LF	1,575	1,563.00	\$ 263.50	\$ 411,850.50
47	05322	48 INCH CIPP SANITARY SEWER PIPE	LF	185	183.00	\$ 348.00	\$ 63,684.00
48	05337	36 INCH CIPP STORM SEWER PIPE	LF	90	83.00	\$ 238.50	\$ 19,795.50
49	05340	48 INCH CIPP STORM SEWER PIPE	LF	85	86.00	\$ 248.00	\$ 21,328.00
50	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	13	2.00	\$ 3,485.00	\$ 6,970.00
50A	05350A	SANITARY LATERAL MAN-ENTRY LINER (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	4		\$ 32,841.00	\$ -
51	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	350	43.00	\$ 48.00	\$ 2,064.00
52	05400	48 INCH DIA SANITARY MANHOLE	VF	29	17.43	\$ 400.00	\$ 6,972.00
53	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	16	3.00	\$ 1,650.00	\$ 4,950.00
54	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	6		\$ 350.00	\$ -
55	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	4	1.00	\$ 1,100.00	\$ 1,100.00
56	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EACH	1	1.00	\$ 1,290.00	\$ 1,290.00

57	05426	SUPPLEMENTAL PRICE FOR EXCESS CHEMICAL GROUT	GALLON	10		\$ 12.00	\$ -
58	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	54	27.00	\$ 800.00	\$ 21,600.00
59	05475	48-INCH STORM SEWER MANHOLE	VF	50	36.04	\$ 420.00	\$ 15,136.80
60	05476	60-INCH STORM SEWER MANHOLE	VF	10	6.78	\$ 440.00	\$ 2,983.20
61	05477	72-INCH STORM SEWER MANHOLE	VF	12	10.26	\$ 600.00	\$ 6,156.00
62	05485	2'X3' STORM INLET	EACH	35	33.00	\$ 2,000.00	\$ 66,000.00
63	05510	10 INCH PVC STORM SEWER PIPE	LF	16	14.30	\$ 110.00	\$ 1,573.00
64	05512	12 INCH PVC STORM SEWER PIPE	LF	20	12.00	\$ 120.00	\$ 1,440.00
65	05542	12 INCH RCP STORM SEWER PIPE	LF	800	771.20	\$ 100.00	\$ 77,120.00
66	05545	15 INCH RCP STORM SEWER PIPE	LF	130	102.30	\$ 102.00	\$ 10,434.60
67	05548	18 INCH RCP STORM SEWER PIPE	LF	140	118.70	\$ 105.00	\$ 12,463.50
68	05551	21 INCH RCP STORM SEWER PIPE	LF	185	174.30	\$ 110.00	\$ 19,173.00
69	05554	24 INCH RCP STORM SEWER PIPE	LF	100	77.80	\$ 115.00	\$ 8,947.00
70	05560	30 INCH RCP STORM SEWER PIPE	LF	32		\$ 170.00	\$ -
71	05562	36 INCH RCP STORM SEWER PIPE	LF	240	235.90	\$ 140.00	\$ 33,026.00
72	05680	STORM SEWER INLET REPAIR	VF	16	1.00	\$ 700.00	\$ 700.00
73	05681	STORM SEWER INLET ADJUSTMENT	EACH	17	14.00	\$ 700.00	\$ 9,800.00
74	05692	STORM SEWER MANHOLE REPAIR	VF	40		\$ 600.00	\$ -
75	05693	STORM SEWER MANHOLE ADJUSTMENT	EACH	5	3.00	\$ 650.00	\$ 1,950.00
76	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	5	2.00	\$ 450.00	\$ 900.00
77	05704	FLARED END SECTION TRASH RACK	EACH	2	1.00	\$ 1,033.00	\$ 1,033.00
78	05718	18 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1.00	\$ 500.00	\$ 500.00
79	05724	24 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1.00	\$ 600.00	\$ 600.00
80	05736	36 INCH RCP STORM SEWER FLARED END SECTION	EACH	1		\$ 1,200.00	\$ -
81	05848	48 INCH CMP CULVERT END SECTION	EACH	2	2.00	\$ 3,000.00	\$ 6,000.00
82	05850	CONCRETE COLLAR	EACH	12	8.00	\$ 750.00	\$ 6,000.00
83	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	14,700	3,459.30	\$ 2.25	\$ 7,783.43
84	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	70	32.00	\$ 550.00	\$ 17,600.00
85	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	8,865	4,827.60	\$ 3.00	\$ 14,482.80
86	05956	STORM SEWER LATERAL TELEVISIONING	EACH	4		\$ 550.00	\$ -
87	05990	DOGHOUSE STORM MANHOLE WITH INLET GRATE	EACH	2	2.00	\$ 7,000.00	\$ 14,000.00
88	06100	EXTRA BAGS OF CEMENT	EA	125	70.00	\$ 15.00	\$ 1,050.00
89	07001	CONCRETE PAVEMENT REMOVAL & REPLACEMENT	SY	300	122.63	\$ 64.13	\$ 7,864.26

90	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	200	181.10	\$ 38.64	\$ 6,997.70
91	07109	9-INCH DOWELED CONCRETE PAVEMENT	SY	54,000	51,945.92	\$ 40.32	\$ 2,094,459.49
92	07118	18" TYPE A CONCRETE CURB & GUTTER	LF	175	135.00	\$ 27.74	\$ 3,744.90
93	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	23,000	21,407.20	\$ 16.45	\$ 352,148.44
94	07150	18" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	100	62.00	\$ 11.64	\$ 721.68
95	07151	30" CONCRETE MOUNTABLE MEDIAN ISLAND NOSE	SF	425	350.02	\$ 14.67	\$ 5,134.79
96	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	550	436.00	\$ 29.87	\$ 13,023.32
97	07302	PEDESTRIAN CURB	LF	400	60.60	\$ 26.86	\$ 1,627.72
98	07304	4-INCH CONCRETE SIDEWALK	SF	21,000	16,396.08	\$ 4.79	\$ 78,537.22
99	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	5,600	4,508.50	\$ 5.16	\$ 23,263.86
100	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	49,250	33,040.34	\$ 5.67	\$ 187,338.73
101	07990	CONCRETE PAVEMENT APPROACH SLAB, WISDOT 415.0410	SY	175	74.00	\$ 133.17	\$ 9,854.58
102	07991	CONCRETE CORRUGATED MEDIAN WISDOT 620.0100	SF	6,250	6,051.00	\$ 6.95	\$ 42,054.45
103	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	2,000	456.04	\$ 11.26	\$ 5,135.01
104	08203	HMA PAVEMENT TYPE 3LT5828S	TON	125	122.54	\$ 132.50	\$ 16,236.55
105	08204	HMA PAVEMENT TYPE 4LT5828S	TON	1,300	421.25	\$ 99.75	\$ 42,019.69
106	08208	HMA PAVEMENT TYPE 5LT5828H	TON	100	105.77	\$ 133.00	\$ 14,067.41
107	08210	HMA DRIVE & TERRACE, TYPE 4LT5828S	TON	75	54.62	\$ 163.00	\$ 8,903.06
108	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 3,356.12	\$ 3,356.12
109	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SUNSET & SENTRY	LS	1	1.00	\$ 5,458.75	\$ 5,458.75
110	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, ST PAUL & PRAIRIE	LS	1	1.00	\$ 4,407.44	\$ 4,407.44
111	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, ST PAUL & WASHINGTON	LS	1	1.00	\$ 4,407.44	\$ 4,407.44
112	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	1,070	810.40	\$ 8.68	\$ 7,034.27
113	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	2,650	2,348.70	\$ 10.57	\$ 24,825.76
114	10026	PULL BOXES STEEL 24x36-INCH, WDOT 653.0135	EACH	2	2.00	\$ 875.91	\$ 1,751.82
115	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	26	26.00	\$ 920.45	\$ 23,931.70
116	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	17	17.00	\$ 664.70	\$ 11,299.90
117	10032	CONCRETE BASE - TYPE 2, WDOT 654.0102	EACH	9	9.00	\$ 885.39	\$ 7,968.51
118	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	10	10.00	\$ 4,990.20	\$ 49,902.00
119	10041	CONCRETE BASE - TYPE 10 SPECIAL, WDOT 654.0120	EACH	2	2.00	\$ 7,461.39	\$ 14,922.78
120	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	4	4.00	\$ 1,538.03	\$ 6,152.12
121	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	4,610	4,611.30	\$ 1.72	\$ 7,931.44
122	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	7,790	7,272.60	\$ 2.62	\$ 19,054.21

123	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	1,780	1,880.80	\$	1.71	\$	3,216.17
124	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	9,340	6,400.00	\$	1.22	\$	7,808.00
125	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	1,560	387.00	\$	1.22	\$	472.14
126	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	3,570	1,742.50	\$	1.54	\$	2,683.45
127	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, SUNSET & SENTRY, WDOT 655.0200.01	LS	1	1.00	\$	993.98	\$	993.98
128	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, PRAIRIE & COLLEGE, WDOT 655.0200.02	LS	1	1.00	\$	993.98	\$	993.98
129	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, ST PAUL & PRAIRIE, WDOT 655.0200.03	LS	1	1.00	\$	993.98	\$	993.98
130	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, ST PAUL & WASHINGTON, WDOT 655.0200.04	LS	1	1.00	\$	993.98	\$	993.98
131	10141	PEDESTAL BASES, WDOT 657.0100	EACH	17	17.00	\$	257.62	\$	4,379.54
132	10145	TRANSFORMER BASE, BREAKAWAY 11-1/2-INCH BOLT CIRCLE, WDOT 657.0255	EACH	9	5.00	\$	401.66	\$	2,008.30
133	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED (EPAC)	EACH	3	2.50	\$	23,196.53	\$	57,991.33
134	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED (ECONOLITE)	EACH	1	1.00	\$	22,930.09	\$	22,930.09
135	10154	POLES, TYPE 4, WDOT 657.0315	EACH	9	5.00	\$	1,389.92	\$	6,949.60
136	10258	LUMINAIRE ARM SINGLE MEMBER 4-1/2 IN CLAMP, 8-FT, WDOT 657.0614	EACH	9	5.00	\$	229.31	\$	1,146.55
137	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	8	8.00	\$	625.09	\$	5,000.72
138	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	10	10.00	\$	543.29	\$	5,432.90
139	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	40	33.00	\$	588.60	\$	19,423.80
140	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	19	17.00	\$	746.35	\$	12,687.95
141	10605	TRAFFIC SIGNAL FACE 5S 12-INCH, WDOT 658.0175	EACH	1	2.00	\$	892.43	\$	1,784.86
142	10731	PEDESTRIAN SIGNAL FACE 16-IN, WDOT 658.0416	EACH	30	28.00	\$	417.72	\$	11,696.16
143	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$	7,711.90	\$	7,711.90
144	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SUNSET & SENTRY	LS	1		\$	8,736.62	\$	-
145	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, PRAIRIE & COLLEGE	LS	1	1.00	\$	9,815.14	\$	9,815.14
146	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$	7,156.83	\$	7,156.83
147	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$	9,289.48	\$	9,289.48
148	10800	SIGNAL MOUNTING HARDWARE, SUNSET & FOX RIVER PKWY, WDOT 658.5069.01	LS	1	1.00	\$	4,487.24	\$	4,487.24
149	10800	SIGNAL MOUNTING HARDWARE, SUNSET & SENTRY, WDOT 658.5069.02	LS	1		\$	5,024.78	\$	-
150	10800	SIGNAL MOUNTING HARDWARE, PRAIRIE & COLLEGE, WDOT 658.5069.03	LS	1	1.00	\$	6,649.11	\$	6,649.11
151	10800	SIGNAL MOUNTING HARDWARE, ST PAUL & PRAIRIE, WDOT 658.5069.05	LS	1	1.00	\$	3,990.59	\$	3,990.59
152	10800	SIGNAL MOUNTING HARDWARE, ST PAUL & WASHINGTON, WDOT 658.5069.06	LS	1	1.00	\$	4,370.38	\$	4,370.38

153	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 6,806.36	\$ 6,806.36
154	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, SUNSET & SENTRY	LS	1		\$ 6,806.36	\$ -
155	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, PRAIRIE & COLLEGE	LS	1	1.00	\$ 7,891.76	\$ 7,891.76
156	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 7,330.84	\$ 7,330.84
157	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 7,330.84	\$ 7,330.84
158	10950	VIDEO VEHICLE DETECTION SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 26,850.55	\$ 26,850.55
159	10950	VIDEO VEHICLE DETECTION SYSTEM, SUNSET & SENTRY	LS	1	0.25	\$ 40,774.86	\$ 10,193.72
160	10950	VIDEO VEHICLE DETECTION SYSTEM, PRAIRIE & COLLEGE	LS	2		\$ 0.01	\$ -
161	10950	VIDEO VEHICLE DETECTION SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 24,082.19	\$ 24,082.19
162	10950	VIDEO VEHICLE DETECTION SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 26,850.55	\$ 26,850.55
163	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 525.66	\$ 525.66
164	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, ST PAUL & PRAIRIE	LS	1	1.00	\$ 525.66	\$ 525.66
165	10980	REMOVE EXISTING EVP SYSTEM AND ASSOCIATED WIRING, ST PAUL & WASHINGTON	LS	1	1.00	\$ 525.66	\$ 525.66
166	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 525.66	\$ 525.66
167	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & PRAIRIE	LS	1	1.00	\$ 525.66	\$ 525.66
168	10981	REMOVE EXISTING AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM, ST PAUL & WASHINGTON	LS	1	1.00	\$ 525.66	\$ 525.66
169	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 525.66	\$ 525.66
170	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, ST PAUL & PRAIRIE	LS	1	1.00	\$ 525.66	\$ 525.66
171	10983	REMOVE EXISTING PEDESTRIAN SIGNAL HEADS WITH COUNTDOWN TIMER, ST PAUL & WASHINGTON	LS	1	1.00	\$ 525.66	\$ 525.66
172	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER, SUNSET & SENTRY	LS	1	0.50	\$ 2,570.26	\$ 1,285.13
173	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER, ST PAUL & PRAIRIE	LS	1	1.00	\$ 2,570.26	\$ 2,570.26
174	10984	REMOVE, SALVAGE AND RE-INSTALL EXISTING SIGNAL COMMUNICATIONS FIBER, ST PAUL & WASHINGTON	LS	1	1.00	\$ 2,570.26	\$ 2,570.26
175	10986	MODIFY TRAFFIC SIGNAL CABINET, SUNSET & FOX RIVER PKWY	LS	1	1.00	\$ 3,664.24	\$ 3,664.24
176	10987	INSTALL MONOTUBE POLES, TYPE 9 (CITY FURNISHED)	EACH	8	7.00	\$ 1,152.40	\$ 8,066.80
177	10987	INSTALL MONOTUBE POLES, TYPE 9 SPECIAL (CITY FURNISHED)	EACH	1	1.00	\$ 1,152.40	\$ 1,152.40
178	10987	INSTALL MONOTUBE POLES, TYPE 10 (CITY FURNISHED)	EACH	2	2.00	\$ 1,152.40	\$ 2,304.80
179	10987	INSTALL MONOTUBE POLES, TYPE 10 SPECIAL (CITY FURNISHED)	EACH	1	1.00	\$ 1,152.40	\$ 1,152.40
180	10988	INSTALL MONOTUBE ARM, 25-FT (CITY FURNISHED)	EACH	7	6.00	\$ 1,251.73	\$ 7,510.38

181	10988	INSTALL MONOTUBE ARM, 30-FT (CITY FURNISHED)	EACH	3	3.00	\$ 1,251.73	\$ 3,755.19
182	10988	INSTALL MONOTUBE ARM, 35-FT (CITY FURNISHED)	EACH	1	1.00	\$ 1,251.73	\$ 1,251.73
183	10988	INSTALL MONOTUBE ARM, 40-FT (CITY FURNISHED)	EACH	1		\$ 1,251.73	\$ -
184	10989	INSTALL LUMINAIRE ARMS STEEL 8-FT (CITY FURNISHED)	EACH	3	2.00	\$ 239.19	\$ 478.38
185	10992	INSTALL CITY-FURNISHED STREET LIGHT LUMINAIRE	EACH	11	9.00	\$ 243.86	\$ 2,194.74
186	10993	INSTALL STANDARD POLE 10-FT AND PEDESTAL BASE ON EXISTING TYPE 2 CONCRETE BASE (SUNSET & FOX RIVER PKWY)	LS	1	1.00	\$ 554.87	\$ 554.87
187	10994	TEMPORARY TRAFFIC SIGNAL (SUNSET & SENTRY)	LS	1	1.00	\$ 37,049.41	\$ 37,049.41
188	10994	TEMPORARY TRAFFIC SIGNAL (ST PAUL & PRAIRIE)	LS	1	1.00	\$ 34,312.43	\$ 34,312.43
189	10994	TEMPORARY TRAFFIC SIGNAL (ST PAUL & WASHINGTON)	LS	1	1.00	\$ 35,996.25	\$ 35,996.25
190	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	20	20.00	\$ 871.48	\$ 17,429.60
191	11025	PULL BOX - 15-INCH PVC	EACH	14	17.00	\$ 681.66	\$ 11,588.22
192	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	3	0.00	\$ 840.85	\$ -
193	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	4,500	4,502.90	\$ 6.44	\$ 28,998.68
194	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	400	468.30	\$ 20.54	\$ 9,618.88
195	11120	12/2 UF W/GROUND WIRE	LF	800		\$ 1.21	\$ -
196	11123	#10 XLP USE WIRE	LF	400		\$ 0.96	\$ -
197	11125	#6 XLP USE WIRE	LF	5,000	5,256.10	\$ 1.32	\$ 6,938.05
198	11126	#4 XLP USE WIRE	LF	15,000	15,558.60	\$ 1.68	\$ 26,138.45
199	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (LIGHTING)	LS	1	1.00	\$ 1,971.22	\$ 1,971.22
200	11201	REMOVE AND DISPOSE OF EXISTING WIRE (SUNSET & FOX RIVER PKWY)	LS	1	1.00	\$ 788.49	\$ 788.49
201	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (SUNSET & SENTRY)	LS	1	1.00	\$ 788.49	\$ 788.49
202	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (ST PAUL & PRAIRIE)	LS	1	1.00	\$ 788.49	\$ 788.49
203	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN PLACE (ST PAUL & WASHINGTON)	LS	1	1.00	\$ 788.49	\$ 788.49
204	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	27	22.00	\$ 368.02	\$ 8,096.44
205	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	22	21.00	\$ 72.78	\$ 1,528.38
206	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	17	13.00	\$ 790.99	\$ 10,282.87
207	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	3	3.00	\$ 1,139.75	\$ 3,419.25
208	11500	TEMPORARY STREET LIGHTING	LS	1	1.00	\$ 15,280.50	\$ 15,280.50
209	11990	REPAIR OF STREETLIGHT SYSTEM AT S WASHINGTON AVE	LS	1	1.00	\$ 4,322.52	\$ 4,322.52
210	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	5,400	4,128.00	\$ 0.78	\$ 3,219.84

211	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	22,000	8,417.00	\$ 0.78	\$ 6,565.26
212	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	2,400	1,489.30	\$ 12.00	\$ 17,871.60
213	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	2,800	1,870.90	\$ 1.50	\$ 2,806.35
214	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	700	568.10	\$ 9.50	\$ 5,396.95
215	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	1,400	453.10	\$ 13.00	\$ 5,890.30
216	12255	PAVEMENT MARKING EPOXY, MEDIAN NOSE	SF	525	112.87	\$ 6.00	\$ 677.22
217	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	20	17.00	\$ 275.00	\$ 4,675.00
218	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	9	8.00	\$ 275.00	\$ 2,200.00
219	12265	PAVEMENT MARKING EPOXY, SYMBOL, STRAIGHT ARROW	EACH	4	5.00	\$ 265.00	\$ 1,325.00
220	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	21	17.00	\$ 295.00	\$ 5,015.00
221	12275	PAVEMENT MARKING EPOXY, SYMBOL, RAILROAD CROSSING	EACH	2	2.00	\$ 1,400.00	\$ 2,800.00
222	12701	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 4-INCH	LF	650	400.20	\$ 0.75	\$ 300.15
223	12703	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 8-INCH	LF	600	62.00	\$ 1.50	\$ 93.00
224	12705	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, LINE, 18-INCH	LF	400	58.00	\$ 4.00	\$ 232.00
225	12710	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, DOUBLE LINE, 4-INCH	LF	2,500	947.80	\$ 1.50	\$ 1,421.70
226	12863	TEMPORARY PAVEMENT MARKING TAPE, REMOVABLE, REFLECTIVE, SYMBOL, LEFT ARROW	EACH	4		\$ 200.00	\$ -
227	12900	PAVEMENT MARKING REMOVAL	LF	1,000	1,633.50	\$ 1.00	\$ 1,633.50
228	13001	REMOVE SIGNS AND POSTS	EACH	46	26.00	\$ 15.00	\$ 390.00
229	13002	REMOVE SIGN	EACH	32	36.00	\$ 10.00	\$ 360.00
230	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS (RE-ESTABLISH)	EACH	8		\$ 50.00	\$ -
231	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	56	27.00	\$ 88.00	\$ 2,376.00
232	13030	SIGN, REFLECTIVE TYPE II	EACH	113	57.00	\$ 16.80	\$ 957.60
233	13300	MOVE SIGN	EACH	33	14.00	\$ 40.00	\$ 560.00
234	13991	2-FOOT, 4-INCH PVC SLEEVE FOR SIGN POSTS	EACH	2	2.00	\$ 100.00	\$ 200.00
235	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	3,000	329.44	\$ 6.00	\$ 1,976.64
236	14005	TOPSOIL & SOD	SY	26,000	8,291.74	\$ 7.49	\$ 62,105.13
237	15001	20-INCH WATER MAIN AND FITTINGS	LF	1,540	1,570.00	\$ 200.00	\$ 314,000.00
238	15002	16-INCH WATER MAIN AND FITTINGS	LF	20	20.00	\$ 540.00	\$ 10,800.00
239	15003	12-INCH WATER MAIN AND FITTINGS	LF	2,445	2,465.00	\$ 148.00	\$ 364,820.00
240	15004	FURNISH AND INSTALL WATER MAIN AND FITTINGS BETWEEN STA 114+25 AND 115+96 AT A LUMP SUM COST	LS	1	1.00	\$ 350,000.00	\$ 350,000.00
241	15005	8-INCH WATER MAIN AND FITTINGS	LF	140	135.00	\$ 121.00	\$ 16,335.00
242	INTENTIONALLY LEFT BLANK						\$ -

243	15007	20-INCH BUTTERFLY VALVES	EACH	3	3.00	\$ 5,182.00	\$ 15,546.00
244	15008	16-INCH BUTTERFLY VALVES	EACH	1	1.00	\$ 3,514.00	\$ 3,514.00
245	15009	12-INCH GATE VALVES AND BOXES	EACH	8	8.00	\$ 2,993.00	\$ 23,944.00
246	15010	8-INCH GATE VALVES AND BOXES	EACH	3	3.00	\$ 1,751.00	\$ 5,253.00
247	15011	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	7	7.00	\$ 8,364.00	\$ 58,548.00
248	15012	CONNECT 3/4" SERVICE LATERAL (SL1)	EACH	1	1.00	\$ 2,800.00	\$ 2,800.00
249	15013	CONNECT 1" SERVICE LATERAL (SL2)	EACH	10	10.00	\$ 2,800.00	\$ 28,000.00
250	15014	CONNECT 1" SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 4,500.00	\$ 4,500.00
251	15015	CONNECT 6" SERVICE LATERAL (SL4)	EACH	1	1.00	\$ 7,500.00	\$ 7,500.00
252	15016	CONNECT 1" SERVICE LATERAL (SL5)	EACH	7	13.00	\$ 3,000.00	\$ 39,000.00
253	15017	CONNECT 1" SERVICE LATERAL (SL6)	EACH	6		\$ 3,000.00	\$ -
254	15018	CONNECT 1-1/4" SERVICE LATERAL (SL7)	EACH	3	2.00	\$ 3,500.00	\$ 7,000.00
255	15019	CONNECT 1" SERVICE LATERAL (SL8)	EACH	1	1.00	\$ 3,500.00	\$ 3,500.00
256	15020	ABANDON EXISTING WATER MAIN IN W. COLLEGE AVENUE	EACH	1	1.00	\$ 2,000.00	\$ 2,000.00
257	15021	ABANDON EXISTING HYDRANTS	EACH	7	7.00	\$ 700.00	\$ 4,900.00
258	15022	ABANDON VALVE BOXES & MANHOLES	LS	1	1.00	\$ 300.00	\$ 300.00

Total \$ 8,667,817.41
 Less Retainage \$ 251,896.22

 Total \$ 8,415,921.19
 Less Previously Paid \$ 8,216,104.07

 Total Amount Due \$ 199,817.12

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$199,817.12 be allowed.

Respectfully Submitted,



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

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 12 to Payne & Dolan, Inc., N3 W23650 Badinger Rd., Waukesha, WI 53187 for 2021 Asphalt Street Resurfacing.

Contract No. #4217

CONTRACT DATE: May 4, 2021

Original

\$ 4,604,881.99

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$ 34,100.00	\$ 25,575.00
2	02003	EROSION BALES	EACH	20	0.00	\$ 30.00	\$ -
3	02005	INLET PROTECTION	EACH	55	35.00	\$ 70.00	\$ 2,450.00
4	02200	TYPE II DEWATERING	LS	1	0.00	\$ 5,234.61	\$ -
5	03101	REMOVE INLET	EACH	2	2.00	\$ 400.00	\$ 800.00
6	03110	REMOVE PIPE	LF	65	65.00	\$ 20.00	\$ 1,300.00
7	03300	REMOVE EXISTING CURB AND GUTTER	LF	4,050	5349.00	\$ 4.00	\$ 21,396.00
8	03331	REMOVE EXISTING SIDEWALK	SF	7,500	17391.00	\$ 1.00	\$ 17,391.00
9	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	450	0.00	\$ 2.72	\$ -
10	03990	REMOVAL OF CONCRETE SCALE	LS	1	1.00	\$ 760.48	\$ 760.48
11	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,700	1700.00	\$ 38.36	\$ 65,212.00
12	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	4,000	674.30	\$ 2.16	\$ 1,456.49
13	04016	GEOTEXTILE GRID TYPE BX1100	SY	2,000	6060.00	\$ 2.10	\$ 12,726.00
14	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	7,600	3977.48	\$ 9.50	\$ 37,786.06
15	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	24,700	21900.00	\$ 1.13	\$ 24,747.00
16	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,000	4000.00	\$ 27.04	\$ 108,160.00
17	05005	4-INCH PERFORATED UNDERDRAIN	LF	1,300	809.17	\$ 18.00	\$ 14,565.06
18	05050	INTERNAL CHIMNEY SEAL	EACH	56	25.00	\$ 510.00	\$ 12,750.00
19	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	8	8.00	\$ 750.00	\$ 6,000.00
20	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	2	2.00	\$ 950.00	\$ 1,900.00
21	05430	REPLACE SANITARY SEWER COVER	EACH	2	2.00	\$ 150.00	\$ 300.00
22	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	55	55.00	\$ 1,710.00	\$ 94,050.00
23	05485	2'X3' STORM INLET	EACH	20	20.00	\$ 1,300.00	\$ 26,000.00
24	05542	12 INCH RCP STORM SEWER PIPE	LF	55	46.00	\$ 85.00	\$ 3,910.00
25	05680	STORM SEWER INLET REPAIR	VF	30	9.70	\$ 900.00	\$ 8,730.00
26	05692	STORM SEWER MANHOLE REPAIR	VF	7	3.83	\$ 900.00	\$ 3,447.00
27	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	5	3.00	\$ 1,050.00	\$ 3,150.00
28	05712	12 INCH RCP STORM SEWER FLARED END SECTION	EACH	1	1.00	\$ 600.00	\$ 600.00

29	05902	MEDIUM RIPRAP	CY	10	10.00	\$	120.00	\$	1,200.00
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	5	5.00	\$	10.00	\$	50.00
31	06100	EXTRA BAGS OF CEMENT	EA	50	0.00	\$	10.00	\$	-
32	06500	TYPE A SLURRY	CY	50	0.00	\$	75.00	\$	-
33	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	4,080	4427.00	\$	25.00	\$	110,675.00
34	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	470	470.00	\$	40.00	\$	18,800.00
35	07302	PEDESTRIAN CURB	LF	100	0.00	\$	30.00	\$	-
36	07304	4-INCH CONCRETE SIDEWALK	SF	7,500	8962.00	\$	7.00	\$	62,734.00
37	07326	6-INCH CONCRETE DRIVE APPROACH	SF	825	8429.00	\$	7.00	\$	59,003.00
38	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	16,000	16000.00	\$	1.83	\$	29,280.00
39	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	29,825	29825.00	\$	2.18	\$	65,018.50
40	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	16,000	16000.00	\$	0.13	\$	2,080.00
41	08065	HMA PAVEMENT PATCHING	SY	900	1109.98	\$	23.64	\$	26,239.93
42	08203	HMA PAVEMENT TYPE 3LT5828S	TON	5,435	4579.25	\$	48.44	\$	221,818.87
43	08205	HMA PAVEMENT TYPE 5LT5828S	TON	5,600	5694.80	\$	55.88	\$	318,225.42
44	08403	PAVEMENT CRACK SEALING	SY	16,000	0.00	\$	0.81	\$	-
45	12010	PAVEMENT MARKING REMOVAL, 4" DOUBLE LINE	LF	400	0.00	\$	3.50	\$	-
46	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	910	120.00	\$	0.95	\$	114.00
47	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	12,100	7473.20	\$	0.95	\$	7,099.54
48	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	175	354.20	\$	7.50	\$	2,656.50
49	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	175	154.40	\$	10.25	\$	1,582.60
50	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	130	96.60	\$	12.75	\$	1,231.65
51	12277	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	2	2.00	\$	185.00	\$	370.00
52	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	600	0.00	\$	11.20	\$	-
53	14005	TOPSOIL & SOD	SY	5,500	983.34	\$	13.00	\$	12,783.42
							SUBTOTAL:	\$	1,436,124.52
MANDATORY ALTERNATE #1 RAMBLING ROSE RESURFACING									
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$	5,950.00	\$	4,462.50
2	02003	EROSION BALES	EACH	20	0.00	\$	30.00	\$	-
3	02005	INLET PROTECTION	EACH	40	29.00	\$	70.00	\$	2,030.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	1,200	3724.90	\$	4.00	\$	14,899.60
5	03331	REMOVE EXISTING SIDEWALK	SF	5,000	4700.00	\$	1.00	\$	4,700.00
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	500	0.00	\$	2.72	\$	-
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,000		\$	1.48	\$	-
8	04016	GEOTEXTILE GRID TYPE BX1100	SY	1,000		\$	1.59	\$	-
9	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,200	166.00	\$	9.50	\$	1,577.00
10	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	24,400	20000.00	\$	1.09	\$	21,800.00

11	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,000	1800.00	\$ 25.41	\$ 45,738.00
12	05050	INTERNAL CHIMNEY SEAL	EACH	49		\$ 510.00	\$ -
13	05159	6 INCH SANITARY SEWER LATERAL REPLACEMENT (PIPE BURSTING)	LF	35	30.00	\$ 320.00	\$ 9,600.00
14	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	9		\$ 1,450.00	\$ -
15	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	5	5.00	\$ 750.00	\$ 3,750.00
16	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1	1.00	\$ 950.00	\$ 950.00
17	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	49	49.00	\$ 1,710.00	\$ 83,790.00
18	05485	2'X3' STORM INLET	EACH	20	16.00	\$ 1,300.00	\$ 20,800.00
19	05680	STORM SEWER INLET REPAIR	VF	20	3.00	\$ 900.00	\$ 2,700.00
20	05692	STORM SEWER MANHOLE REPAIR	VF	2		\$ 900.00	\$ -
21	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	1	1.00	\$ 1,050.00	\$ 1,050.00
22	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	160	159.20	\$ 4.50	\$ 716.40
23	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	1	1.00	\$ 785.00	\$ 785.00
24	06100	EXTRA BAGS OF CEMENT	EA	50	0.00	\$ 10.00	\$ -
25	06500	TYPE A SLURRY	CY	50	0.00	\$ 75.00	\$ -
26	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	1,200	3725.00	\$ 25.00	\$ 93,125.00
27	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	320	320.00	\$ 40.00	\$ 12,800.00
28	07302	PEDESTRIAN CURB	LF	100	52.00	\$ 30.00	\$ 1,560.00
29	07304	4-INCH CONCRETE SIDEWALK	SF	5,000	4216.00	\$ 7.00	\$ 29,512.00
30	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	100	948.00	\$ 7.00	\$ 6,636.00
31	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	12,500	11500.00	\$ 1.69	\$ 19,435.00
32	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	23,300	22309.00	\$ 1.95	\$ 43,502.55
33	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	12,500	11500.00	\$ 0.20	\$ 2,300.00
34	08065	HMA PAVEMENT PATCHING	SY	500	686.00	\$ 28.45	\$ 19,516.70
35	08203	HMA PAVEMENT TYPE 3LT5828S	TON	4,100	3804.00	\$ 47.31	\$ 179,967.24
36	08205	HMA PAVEMENT TYPE 5LT5828S	TON	4,200	4329.00	\$ 55.31	\$ 239,436.99
37	08403	PAVEMENT CRACK SEALING	SY	12,500	0.00	\$ 0.81	\$ -
38	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	200	338.00	\$ 12.00	\$ 4,056.00
39	14005	TOPSOIL & SOD	SY	2,000	964.00	\$ 14.50	\$ 13,978.00
						SUBTOTAL:	\$ 885,173.98
MANDATORY ALTERNATE #2 CRESTWOOD DR RESURFACING							
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$ 5,000.00	\$ 3,750.00
2	02003	EROSION BALES	EACH	20	0.00	\$ 30.00	\$ -
3	02005	INLET PROTECTION	EACH	50	40.00	\$ 70.00	\$ 2,800.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	3,000	4106.00	\$ 4.00	\$ 16,424.00
5	03331	REMOVE EXISTING SIDEWALK	SF	9,500	11615.00	\$ 1.00	\$ 11,615.00

6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	1,200	350.00	\$	2.72	\$	952.00
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1,000		\$	1.39	\$	-
8	04016	GEOTEXTILE GRID TYPE BX1100	SY	500		\$	1.41	\$	-
9	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3,500	169.50	\$	9.50	\$	1,610.25
10	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	23,000	22235.00	\$	1.19	\$	26,459.65
11	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1,000	1129.00	\$	25.48	\$	28,766.92
12	05050	INTERNAL CHIMNEY SEAL	EACH	42		\$	510.00	\$	-
13	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	140	140.00	\$	230.00	\$	32,200.00
14	05159	6 INCH SANITARY SEWER LATERAL REPLACEMENT (PIPE BURSTING)	LF	210	210.00	\$	180.00	\$	37,800.00
15	05160	EXCAVATION AND LATERAL CONNECTION AT ROW (PIPE BURSTING)	EACH	6	7.00	\$	2,000.00	\$	14,000.00
16	05161	EXCAVATION AND LATERAL CONNECTION AT SEWER MAIN (PIPE BURSTING)	EACH	6	7.00	\$	2,900.00	\$	20,300.00
17	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	5	5.00	\$	1,325.00	\$	6,625.00
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	7		\$	750.00	\$	-
19	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	2	0.00	\$	950.00	\$	-
20	05430	REPLACE SANITARY SEWER COVER	EACH	2	2.00	\$	150.00	\$	300.00
21	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	41	41.00	\$	1,710.00	\$	70,110.00
22	05485	2'X3' STORM INLET	EACH	25	12.00	\$	1,300.00	\$	15,600.00
23	05680	STORM SEWER INLET REPAIR	VF	25	12.00	\$	900.00	\$	10,800.00
24	05692	STORM SEWER MANHOLE REPAIR	VF	4	2.00	\$	900.00	\$	1,800.00
25	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	2		\$	1,050.00	\$	-
26	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1,380	325.40	\$	2.05	\$	667.07
27	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	10	10.00	\$	280.00	\$	2,800.00
28	05990	SANITARY SEWER CIPP SPOT LINER	EACH	2	2.00	\$	2,950.00	\$	5,900.00
29	06100	EXTRA BAGS OF CEMENT	EA	25	0.00	\$	10.00	\$	-
30	06500	TYPE A SLURRY	CY	25	0.00	\$	75.00	\$	-
31	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	3,000	4106.00	\$	25.00	\$	102,650.00
32	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	640	500.00	\$	40.00	\$	20,000.00
33	07302	PEDESTRIAN CURB	LF	250	81.00	\$	30.00	\$	2,430.00
34	07304	4-INCH CONCRETE SIDEWALK	SF	9,500	10955.00	\$	7.00	\$	76,685.00
35	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	200	660.00	\$	7.00	\$	4,620.00
36	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	20,000	20000.00	\$	2.20	\$	44,000.00
37	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	23,000	22951.00	\$	2.42	\$	55,541.42
38	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	20,000	20000.00	\$	0.17	\$	3,400.00
39	08065	HMA PAVEMENT PATCHING	SY	100	247.00	\$	45.81	\$	11,315.07
40	08203	HMA PAVEMENT TYPE 3LT5828S	TON	4,000	3422.89	\$	50.04	\$	171,281.42
41	08205	HMA PAVEMENT TYPE 5LT5828S	TON	4,200	3845.40	\$	56.96	\$	219,033.98

42	08403	PAVEMENT CRACK SEALING	SY	20,000	0.00	\$	0.81	\$	-
43	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	2,600		\$	0.95	\$	-
44	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	250	102.60	\$	12.00	\$	1,231.20
45	14005	TOPSOIL & SOD	SY	1,500	1485.20	\$	14.50	\$	21,535.40
								SUBTOTAL:	\$ 1,045,003.38
MANDATORY ALTERNATE #3 RICHARD ST RESURFACING									
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$	3,100.00	\$	2,325.00
2	02003	EROSION BALES	EACH	20	0.00	\$	30.00	\$	-
3	02005	INLET PROTECTION	EACH	20	17.00	\$	70.00	\$	1,190.00
4	03300	REMOVE EXISTING CURB AND GUTTER	LF	2500	2640.00	\$	4.00	\$	10,560.00
5	03331	REMOVE EXISTING SIDEWALK	SF	5000	5200.00	\$	1.00	\$	5,200.00
6	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	200	0.00	\$	2.72	\$	-
7	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	2200	274.94	\$	9.50	\$	2,611.93
8	04990	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	12600	12600.00	\$	1.14	\$	14,364.00
9	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500	2769.43	\$	25.16	\$	69,678.86
10	05050	INTERNAL CHIMNEY SEAL	EACH	28	0.00	\$	510.00	\$	-
11	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	5		\$	1,590.00	\$	-
12	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	2		\$	750.00	\$	-
13	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	28	28.00	\$	1,710.00	\$	47,880.00
14	05485	2'X3' STORM INLET	EACH	10	7.00	\$	1,300.00	\$	9,100.00
15	05680	STORM SEWER INLET REPAIR	VF	15	5.50	\$	900.00	\$	4,950.00
16	06100	EXTRA BAGS OF CEMENT	EA	25	0.00	\$	10.00	\$	-
17	06500	TYPE A SLURRY	CY	50	0.00	\$	75.00	\$	-
18	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	2500	2612.30	\$	25.00	\$	65,307.50
19	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	400	380.00	\$	40.00	\$	15,200.00
20	07302	PEDESTRIAN CURB	LF	50		\$	30.00	\$	-
21	07304	4-INCH CONCRETE SIDEWALK	SF	5000	5200.00	\$	7.00	\$	36,400.00
22	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	100	480.00	\$	7.00	\$	3,360.00
23	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	9700	9700.00	\$	1.69	\$	16,393.00
24	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	12600	12600.00	\$	2.20	\$	27,720.00
25	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	12600	10500.00	\$	0.14	\$	1,470.00
26	08065	HMA PAVEMENT PATCHING	SY	100	162.00	\$	50.42	\$	8,168.04
27	08203	HMA PAVEMENT TYPE 3LT5828S	TON	2500	2100.00	\$	47.71	\$	100,191.00
28	08205	HMA PAVEMENT TYPE 5LT5828S	TON	2800		\$	55.23	\$	-
29	08403	PAVEMENT CRACK SEALING	SY	9700		\$	0.82	\$	-
30	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	1000		\$	0.95	\$	-
31	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	150		\$	7.50	\$	-

32	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	60		\$ 12.75	\$ -
33	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	250		\$ 12.00	\$ -
34	14005	TOPSOIL & SOD	SY	1500		\$ 14.50	\$ -
						SUBTOTAL:	\$ 442,069.33
MANDATORY ALTERNATE #4 AVIATION DRIVE PARKING LOT REHABILITATION							
1	01001	TRAFFIC CONTROL	LS	1	0.75	\$ 16,500.60	\$ 12,375.45
2	02002	SILT FENCE	LF	250	105.00	\$ 2.50	\$ 262.50
3	02003	EROSION BALES	EACH	10	0.00	\$ 30.00	\$ -
4	02005	INLET PROTECTION	EACH	2	0.00	\$ 70.00	\$ -
5	03300	REMOVE EXISTING CURB AND GUTTER	LF	1600	1570.00	\$ 1.00	\$ 1,570.00
6	03331	REMOVE EXISTING SIDEWALK	SF	2400	2937.00	\$ 0.48	\$ 1,409.76
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2000	0.00	\$ 1.39	\$ -
8	04016	GEOTEXTILE GRID TYPE BX1100	SY	1000	2000.00	\$ 1.41	\$ 2,820.00
9	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	3500	2895.92	\$ 9.50	\$ 27,511.24
10	04990	SHAPING AND GRADING TO SUBGRADE	SY	4500	4500.00	\$ 10.42	\$ 46,890.00
11	04991	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	1000	2204.89	\$ 26.10	\$ 57,547.63
12	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	1600	1570.00	\$ 25.00	\$ 39,250.00
13	07304	4-INCH CONCRETE SIDEWALK	SF	2400	2974.37	\$ 7.00	\$ 20,820.59
14	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	800	298.80	\$ 7.00	\$ 2,091.60
15	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	4200	4200.00	\$ 3.04	\$ 12,768.00
16	08203	HMA PAVEMENT TYPE 3LT5828S	TON	750	700.00	\$ 51.90	\$ 36,330.00
17	08205	HMA PAVEMENT TYPE 5LT5828S	TON	500	300.00	\$ 62.80	\$ 18,840.00
18	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	2800	2445.25	\$ 5.25	\$ 12,837.56
19	12277	PAVEMENT MARKING EPOXY, SYMBOL, HANDICAP	EACH	5	5.00	\$ 185.00	\$ 925.00
20	14001	TOPSOIL	SY	1000	500.00	\$ 7.20	\$ 3,600.00
						SUBTOTAL:	\$ 297,849.33
MANDATORY ALTERNATE #6 SANITARY MANHOLE REPAIRS							
1	05042	SANITARY SEWER INSIDE DROP	EACH	1		\$ 1,300.00	\$ -
2	05050	INTERNAL CHIMNEY SEAL	EACH	7	2.00	\$ 510.00	\$ 1,020.00
3	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	6		\$ 750.00	\$ -
4	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	22		\$ 950.00	\$ -
5	05430	REPLACE SANITARY SEWER COVER	EACH	7		\$ 150.00	\$ -
6	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	7		\$ 1,710.00	\$ -
7	05991	REMOVE EXISTING SANITARY MANHOLE & CONNECT EXISTING LATERAL TO SEWER	EACH	2	2.00	\$ 8,000.00	\$ 16,000.00
8	08990	ASPHALT PAVEMENT PATCHING - MINOR	EACH	7		\$ 1,402.63	\$ -
9	08991	ASPHALT PAVEMENT PATCHING - MAJOR	EACH	2	2.00	\$ 674.87	\$ 1,349.74
						SUBTOTAL:	\$ 18,369.74

Grand Total	\$	4,124,590.28
Less Retainage	\$	115,122.05
Total	\$	<u>4,009,468.23</u>
Less Previously Paid	\$	<u>3,537,688.22</u>
Total Amount Due	\$	471,780.01

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$471,780.01 be allowed.

Respectfully Submitted,



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

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 3 (Final) to Pefect Turf LLC, 5540 Meadowbrook Court, Rolling Meadows, IL 60008 for Installation of poured-In-Place Resilient Surfacing For Dopp, Priedeman And Howell Oaks Subdivision Park Playgrounds.

Contract No. #4207

CONTRACT DATE: April 8, 2021

Original \$ 211,680.00

Line No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	Base Bid: Proposed HIC Value Less Than 700. 50% color, 50% color. Dopp, Priedeman and Howell Oaks Park Playgrounds	Sq. Ft.	12,600	13,245	\$ 16.80	\$ 222,516.00

Total \$ 222,516.00

Less Retainage

Total \$ 222,516.00

Less Previously Paid \$ 135,912.00

Total Amount Due \$ 86,604.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$86,604.00 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 (Final) to C.W. Purpero, Inc., 1190 W. Rawson Avenue, Oak Creek, WI 53154 for Area 1 And 2 Flood Mitigation (Rolling Ridge Ditch Grading).

Contract No. #4215

CONTRACT DATE: April 20, 2021

Original

\$ 691,377.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	\$ 3,500.00	\$ 3,500.00
2	02002	SILT FENCE	LF	1,700	389	\$ 2.75	\$ 1,069.75
3	02003	EROSION BALES	EACH	6		\$ 40.00	\$ -
4	02005	INLET PROTECTION	EACH	20	19	\$ 100.00	\$ 1,900.00
5	02010	CONSTRUCTION ENTRANCE	EACH	6	3	\$ 1,800.00	\$ 5,400.00
6	02106	TEMPORARY DITCH CHECK	EACH	6	6	\$ 150.00	\$ 900.00
7	03011	CLEARING	STA	22	30.85	\$ 916.00	\$ 28,258.60
8	03012	GRUBBING	STA	22	22	\$ 200.00	\$ 4,400.00
9	04990	DITCH GRADING	LS	1	1	\$ 175,000.00	\$ 175,000.00
10	05903	HEAVY RIPRAP	CY	1,600	1,586.38	\$ 84.50	\$ 134,049.30
11	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	2,400	220	\$ 3.75	\$ 825.00
12	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	220	34	\$ 53.00	\$ 1,802.00
13	07003	CONCRETE SIDEWALK REMOVAL & REPLACEMENT	SF	1,000	1,425	\$ 10.50	\$ 14,962.50
14	14003	TOPSOIL, FERTILIZER, SEED & EROSION MAT	SY	11,000	10,294	\$ 5.60	\$ 57,646.40
15	14005	TOPSOIL & SOD	SY	70		\$ 25.00	\$ -
16	04991	ALLOWANCE FOR CONTAMINATED MATERIAL DISPOSAL	LS	1		\$ 240,000.00	\$ -
17	--	BOX CULVERT GROUTING	LS	1	1	\$ 30,100.00	\$ 30,100.00

Total	\$	459,813.55
Less Retainage	\$	-
Total	\$	459,813.55
Less Previously Paid	\$	399,759.96
Total Amount Due	\$	60,053.59

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$60,053.59 be allowed.

Respectfully Submitted,

A handwritten signature in black ink that reads "Alex Damien P.E." in a cursive style.

Alex Damien, P.E.

Interim Director of Public Works

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 14 to C.D. Smith Construction, Inc., 125 Camelot Drive, Fond du Lac, WI 54935 for *Waukesha Return Flow Pump Station, Advanced Phosphorus, With Facilities Enhancement For Clean Water Plant.*

Contract No. # 4173

CONTRACT DATE: June 2, 2020

Original \$ 17,129,076.00

Item No.	Item Description	Unit	Bid Quantities	Previous Quantity	Quantity Completed This Period	Unit Price	Total Amount Completed
RETURN FLOW PUMP STATION							
301 MOBILIZATION AND GC							
301.01	GC MOBILIZATION	LS	\$ 199,384.42	\$ 194,383.54			\$ 194,383.54
301.02	MECH MOBILIZATION	LS	\$ 208,890.00	\$ 203,001.00			\$ 203,001.00
301.03	ELEC MOBILIZATION TEMP LIGHTING & POWER	LS	\$ 103,573.36	\$ 96,786.68			\$ 96,786.68
301.04	ELEC TEMP LIGHTING & POWER	LS	\$ 11,105.82	\$ 9,052.91			\$ 9,052.91
302 UNIT PRICES							
301.05	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	175			\$ 40.00	\$ -
301.06	UNSUITABLE FOUNDATION MATERIALS - TRENCHES	CY	50			\$ 125.00	\$ -
301.09	CONCRETE REPAIR, INJECTION GROUTING	LF	30			\$ 44.00	\$ -
303 CONTINGENCY ALLOWANCES							
301.11	GENERAL CONTINGENCY	LS	\$ 117,000.00				\$ -
301.13	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 19,500.00				\$ -
304 SITEWORK							
301.14	ELECTRICAL - UNDERGROUND AND DEWATERING	LS	\$ 63,797.57	\$ 41,915.00			\$ 41,915.00
301.15	EARTHWORK	LS	\$ 110,000.00	\$ 102,000.00	\$ 5,800.00		\$ 107,800.00
301.16	DEWATERING	LS	\$ 65,000.00	\$ 65,000.00			\$ 65,000.00
301.17	SITE CONCRETE	LS	\$ 45,000.00	\$ 45,000.00			\$ 45,000.00
301.18	ASPHALT PAVING	LS	\$ 6,300.00	\$ -			\$ -
301.19	FENCING	LS	\$ 10,150.00	\$ 10,150.00			\$ 10,150.00
301.20	LANDSCAPING	LS	\$ 18,933.75	\$ -			\$ -
301.21	DUCTILE IRON PIPE AND FITTINGS (L)	LS	\$ 107,700.00	\$ 102,315.00			\$ 102,315.00
301.22	DUCTILE IRON PIPE AND FITTINGS (M)	LS	\$ 486,550.00	\$ 486,550.00			\$ 486,550.00
305.00 BLDG 320 - UV DISINFECTION							
301.23	DEMOLITION (L)	LS	\$ 6,128.00	\$ 3,064.00			\$ 3,064.00
301.24	CONCRETE	LS	\$ 16,000.00	\$ 16,000.00			\$ 16,000.00
301.245	ALUMINUM FRAMING	LS	\$ 5,500.00	\$ 1,500.00			\$ 1,500.00
301.25	GENERATOR	LS	\$ 1,441,772.49	\$ 1,009,240.74			\$ 1,009,240.74

301.26	EARTHWORK	LS	\$ 7,500.00	\$ 7,500.00		\$ 7,500.00
301.27	FABRICATED SLIDE GATES (L)	LS	\$ 15,200.00	\$ 13,680.00		\$ 13,680.00
301.28	FABRICATED SLIDE GATES (M)	LS	\$ 17,500.00	\$ 15,750.00		\$ 15,750.00
301.29	PROCESS PIPING -GENERAL, SYSTEM GAS (L)	LS	\$ 4,800.00	\$ 1,920.00		\$ 1,920.00
301.30	PROCESS PIPING -GENERAL, SYSTEM GAS (M)	LS	\$ 1,500.00	\$ 600.00		\$ 600.00
301.301	PROCESS PIPING INSULATION	LS	\$ 700.00	\$ -		\$ -

BLDG 325 - RETURN FLOW PUMP STATION						
301.31	FOOTINGS AND BASE SLABS	LS	\$ 175,260.00	\$ 175,260.00		\$ 175,260.00
301.32	WALLS	LS	\$ 343,405.00	\$ 343,405.00		\$ 343,405.00
301.33	SLAB	LS	\$ 86,500.00	\$ 86,500.00		\$ 86,500.00
301.34	EQUIPMENT PADS	LS	\$ 32,750.00	\$ 31,112.50		\$ 31,112.50
301.35	PRECAST	LS	\$ 52,650.00	\$ 52,650.00		\$ 52,650.00
301.36	MASONRY	LS	\$ 385,322.00	\$ 385,322.00		\$ 385,322.00
301.37	METAL FABRICATIONS	LS	\$ 334,383.00	\$ 303,753.20		\$ 303,753.20
301.38	ROUGH CARPENTRY	LS	\$ 26,800.00	\$ 26,800.00		\$ 26,800.00
301.39	AIR BARRIER	LS	\$ 27,500.00	\$ 27,500.00		\$ 27,500.00
301.40	ROOFING	LS	\$ 72,600.00	\$ 68,000.00		\$ 68,000.00
301.41	JOINT SEALANTS	LS	\$ 17,250.00	\$ 13,000.00		\$ 13,000.00
301.42	ALUMINUM DOORS & FRAMES	LS	\$ 42,500.00	\$ 40,000.00		\$ 40,000.00
301.43	SPECIALTY DOORS - HATCHES	LS	\$ 6,500.00	\$ -		\$ -
301.44	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00	\$ -		\$ -
301.45	PAINTING AND COATINGS	LS	\$ 156,800.00	\$ 120,000.00		\$ 120,000.00
301.46	ACCESSORIES	LS	\$ 15,350.00	\$ -		\$ -
301.47	EARTHWORK	LS	\$ 275,000.00	\$ 271,250.00		\$ 271,250.00
301.48	SURGE CONTROL SYSTEM (L)	LS	\$ 18,000.00	\$ 7,200.00	\$ 5,000.00	\$ 12,200.00
301.49	SURGE CONTROL SYSTEM (M)	LS	\$ 248,200.00	\$ 233,560.00	\$ 8,000.00	\$ 241,560.00
301.50	FABRICATED SLIDE GATES (L)	LS	\$ 18,200.00	\$ 18,200.00		\$ 18,200.00
301.51	FABRICATED SLIDE GATES (M)	LS	\$ 97,000.00	\$ 97,000.00		\$ 97,000.00
301.52	OVERHEAD CRANE	LS	\$ 42,350.00	\$ 30,000.00	\$ 8,115.00	\$ 38,115.00
301.53	VERTICAL TURBINE PUMPS (L)	LS	\$ 40,300.00	\$ 2,015.00		\$ 2,015.00
301.54	VERTICAL TURBINE PUMPS (M)	LS	\$ 1,219,300.00	\$ 207,281.00		\$ 207,281.00
301.542	PLUMBING FIXTURES W/PIPING (L)	LS	\$ 8,100.00	\$ 4,050.00		\$ 4,050.00
301.545	PLUMBING FIXTURES W/PIPING (M)	LS	\$ 44,000.00	\$ 21,999.13	\$ 0.87	\$ 22,000.00
301.55	UNITARY AIR CONDITIONING EQUIPMENT (L)	LS	\$ 31,900.00	\$ -		\$ -
301.56	UNITARY AIR CONDITIONING EQUIPMENT (M)	LS	\$ 35,500.00	\$ -	\$ 12,425.00	\$ 12,425.00
301.57	HVAC INSULATION	LS	\$ 16,000.00	\$ -		\$ -
301.330	CONTROLS FOR HVAC	LS	\$ 14,000.00	\$ -		\$ -
301.330	HVAC FANS	LS	\$ 6,500.00	\$ -		\$ -
301.58	PROCESS PIPING - GENERAL (L)	LS	\$ 119,000.00	\$ 2,380.00		\$ 2,380.00
201.59	PROCESS PIPING - GENERAL (M)	LS	\$ 509,000.00	\$ 10,180.00		\$ 10,180.00
301.60	ELECTRICAL	LS	\$ 217,807.14	\$ 65,342.14		\$ 65,342.14
301.605	INSTRUMENTATION & CONTROLS	LS	\$ 141,956.00	\$ -		\$ -
301.61	ELECTRICAL UNDERGROUND	LS	\$ 31,655.67	\$ 31,655.67		\$ 31,655.67
301.62	MV EQUIPMENT INSTALL	LS	\$ 196,616.71	\$ 193,000.00	\$ 77.61	\$ 193,077.61

RETURN FLOW PUMP STATION SUBTOTAL: \$ 5,333,242.99

ADVANCED PHOSPHORUS

300 MOBILIZATION AND GC							
300.01	GC MOBILIZATION	LS	\$ 253,761.98	\$ 243,009.58			\$ 243,009.58
300.011	MECH MOBILIZATION	LS	\$ 265,860.00	\$ 249,274.00			\$ 249,274.00
300.012	ELEC MOBILIZATION	LS	\$ 131,820.64	\$ 125,910.32			\$ 125,910.32
300.013	ELEC TEMP LIGHTING & POWER	LS	\$ 14,134.67	\$ 12,067.34			\$ 12,067.34

301 UNIT PRICES							
300.02	UNSUITABLE FOUNDATION MATERIALS - STRUCTURES AND ROADS	CY	75			\$ 40.00	\$ -
300.022	CONCRETE SURFACE REPAIR	SF	300	3		\$ 56.00	\$ 168.00
300.023	CONCRETE HORIZONTAL SURFACE REPAIR	LF	300			\$ 47.00	\$ -
300.024	CONCRETE REPAIR, INJECTION GROUTING	LF	270			\$ 44.00	\$ -
300.025	PAINTING	Hr	80			\$ 75.00	\$ -

302 CONTINGENCY ALLOWANCES							
300.03	GENERAL CONTINGENCY	LS	\$ 63,000.00				\$ -
300.031	HAZARDOUS MATERIAL CONTINGENCY	LS	\$ 40,000.00				\$ -
300.032	INSTRUMENTATION AND CONTROL PROGRAMMING	LS	\$ 10,500.00				\$ -

303 SITEWORK							
300.04	ASPHALT PAVING	LS	\$ 56,700.00	\$ 48,195.00	\$ 8,505.00		\$ 56,700.00
300.041	LANDSCAPING	LS	\$ 6,311.25				\$ -

304 BLDG 110 PRELIM BUILDING							
300.05	DEMOLITION (L)	LS	\$ 100,919.00	\$ 41,148.45	\$ 44,632.70		\$ 85,781.15
300.05.5	ALUMINUM GRATING	LS	\$ 8,500.00	\$ 6,750.00	\$ 1,750.00		\$ 8,500.00
300.051	ELECTRICAL	LS	\$ 209,142.13	\$ 154,571.07	\$ 48,000.00		\$ 202,571.07
300.051.5	INSTRUMENTATION & CONTROLS	LS	\$ 29,528.25	\$ 25,000.00	\$ 2,500.00		\$ 27,500.00
300.052	FABRICATED SLIDE GATES (L)	LS	\$ 12,200.00	\$ 12,200.00			\$ 12,200.00
300.053	FABRICATED SLIDE GATES (M)	LS	\$ 42,800.00	\$ 42,800.00			\$ 42,800.00
300.054	PROCESS VALVES & OPERATORS (L)	LS	\$ 2,300.00	\$ 759.00	\$ 1,541.00		\$ 2,300.00
300.055	PROCESS VALVES & OPERATORS (M)	LS	\$ 5,200.00	\$ 5,200.00			\$ 5,200.00
300.056	SUBMERSIBLE PUMPS (L)	LS	\$ 25,400.00	\$ 10,160.00	\$ 10,160.00		\$ 20,320.00
300.057	SUBMERSIBLE PUMPS (M)	LS	\$ 726,100.00	\$ 726,100.00			\$ 726,100.00

305 BLDG 140 PRIMARY EFFLUENT							
300.06	DEMOLITION (L)	LS	\$ 40,382.00	\$ 23,000.00	\$ 14,000.00		\$ 37,000.00
300.061	CONCRETE	LS	\$ 16,582.00	\$ 6,000.00	\$ 8,000.00		\$ 14,000.00
300.062	ELECTRICAL	LS	\$ 174,402.49	\$ 130,000.00	\$ 35,000.00		\$ 165,000.00
300.063	SUBMERSIBLE PUMPS (L)	LS	\$ 48,000.00	\$ 24,000.00	\$ 18,000.00		\$ 42,000.00
300.064	SUBMERSIBLE PUMPS (M)	LS	\$ 779,900.00	\$ 772,900.00	\$ 7,000.00		\$ 779,900.00
300.065	PROCESS PIPING	LS	\$ 39,200.00		\$ 32,000.00		\$ 32,000.00

306 BLDG 150 - SECOND STAGE PUMPING STATION							
300.07	ELECTRICAL	LS	\$ 74,362.45				\$ -

307 BLDG 210 - AERATION TANKS							
300.08	DEMOLITION (L)	LS	\$ 123,500.00	\$ 123,500.00			\$ 123,500.00
300.081	FINE BUBBLE AIR DIFFUSER SYSTEM (L)	LS	\$ 180,500.00	\$ 180,500.00			\$ 180,500.00
300.082	FINE BUBBLE AIR DIFFUSER SYSTEM (M)	LS	\$ 170,400.00	\$ 170,400.00			\$ 170,400.00

308 BLDG 230 - FINAL CLARIFIERS							
300.10	ELECTRICAL	LS	\$ 7,268.16	\$ 7,268.16			\$ 7,268.16
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 8,496.00	\$ 8,496.00			\$ 8,496.00
300.101	PAINTING AND COATING	LS	\$ 17,500.00	\$ 17,500.00			\$ 17,500.00

309 BLDG 240 - RAS/WAS BUILDING							
300.10	ELECTRICAL	LS	\$ 9,880.64				\$ -
300.10.5	INSTRUMENTATION & CONTROLS	LS	\$ 70,748.19	\$ 7,000.00			\$ 7,000.00
300.101	PAINTING AND COATING	LS	\$ 56,000.00	\$ 56,000.00			\$ 56,000.00

310 BLDG 250 - CHEMICAL BUILDING							
300.11	DEMOLITION (L)	LS	\$ 4,000.00	\$ 2,900.00			\$ 2,900.00
300.111	CONCRETE - EQUIPMENT PADS	LS	\$ 7,250.00	\$ 7,250.00			\$ 7,250.00
300.112	FRP GRATING	LS	\$ 5,000.00	\$ -			\$ -
300.112.5	PAINTING AND COATING	LS	\$ 11,500.00	\$ -	\$ 5,000.00		\$ 5,000.00
300.113	PLUMBING - PIPING	LS	\$ 3,750.00	\$ 2,500.00	\$ 875.00		\$ 3,375.00
300.114	PLUMBING - FIXTURES	LS	\$ 8,500.00	\$ 4,250.00	\$ 3,400.00		\$ 7,650.00
300.115	ELECTRICAL	LS	\$ 52,685.28	\$ 31,342.64			\$ 31,342.64
300.115.5	INSTRUMENTATION & CONTROLS	LS	\$ 110,072.00	\$ 63,021.60			\$ 63,021.60
300.116	FIBERGLASS REINFORCED PLASTIC TANK (L)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.117	FIBERGLASS REINFORCED PLASTIC TANK (M)	LS	\$ 30,600.00	\$ 30,600.00			\$ 30,600.00
300.118	PERISTALTIC HOSE PUMP (L)	LS	\$ 800.00	\$ 800.00			\$ 800.00
300.119	PERISTALTIC HOSE PUMP (M)	LS	\$ 24,600.00	\$ 23,370.00			\$ 23,370.00
300.12	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (L)	LS	\$ 2,200.00	\$ 2,090.00			\$ 2,090.00
300.121	NON-CLOG DRY-PIT CENTRIFUGAL PUMP (M)	LS	\$ 40,000.00	\$ 38,000.00			\$ 38,000.00
300.122	POLYMER FEED SYSTEM, LIQUID (L)	LS	\$ 1,500.00	\$ 1,425.00			\$ 1,425.00
300.123	POLYMER FEED SYSTEM, LIQUID (M)	LS	\$ 47,200.00	\$ 44,840.00			\$ 44,840.00
300.124	PROCESS PIPING - GENERAL (L)	LS	\$ 35,450.00	\$ 33,677.50	\$ 1,772.50		\$ 35,450.00
300.125	PROCESS PIPING - GENERAL (M)	LS	\$ 57,200.00	\$ 54,340.00	\$ 2,860.00		\$ 57,200.00
300.126	PROCESS PIPING INSULATION	LS	\$ 3,000.00	\$ 3,000.00			\$ 3,000.00

311 BLDG 300 - TERTIARY CLARIFIERS							
300.20	DEMOLITION (L)	LS	\$ 14,303.00	\$ 14,303.00			\$ 14,303.00
300.201	CONCRETE SURFACE REPAIR	LS	\$ 6,845.00	\$ 5,133.75			\$ 5,133.75
300.202	ELECTRICAL	LS	\$ 30,750.98	\$ 30,750.98			\$ 30,750.98
300.202.5	INSTRUMENTATION & CONTROLS	LS	\$ 18,313.00	\$ 18,313.00			\$ 18,313.00

300.203	CLARIFIER LAUNDER COVER SYSTEM (L)	LS	\$ 30,800.00	\$ 30,800.00			\$ 30,800.00
300.204	CLARIFIER LAUNDER COVER SYSTEM (M)	LS	\$ 283,000.00	\$ 283,000.00			\$ 283,000.00
300.205	BAFFLE WALLS AND PLATES (L)	LS	\$ 6,500.00	\$ 6,500.00			\$ 6,500.00
300.206	BAFFLE WALLS AND PLATES (M)	LS	\$ 9,500.00	\$ 9,500.00			\$ 9,500.00
300.207	VERTICAL PADDLE FLOCCULATION SYSTEM (L)	LS	\$ 45,600.00	\$ 43,320.00			\$ 43,320.00
300.208	VERTICAL PADDLE FLOCCULATION SYSTEM (M)	LS	\$ 227,700.00	\$ 227,700.00			\$ 227,700.00
300.209	PROCESS PIPING -GENERAL (L)	LS	\$ 30,700.00	\$ 30,700.00			\$ 30,700.00
300.210	PROCESS PIPING -GENERAL (M)	LS	\$ 29,300.00	\$ 29,300.00			\$ 29,300.00
300.211	PROCESS PIPING INSULATION	LS	\$ 1,000.00	\$ 1,000.00			\$ 1,000.00

312 BLDG 310 - FILTER BUILDING							
300.22	DEMOLITION (L)	LS	\$ 289,593.00	\$ 87,650.00	\$ 60,000.00		\$ 147,650.00
300.221	CONCRETE	LS	\$ 48,109.00	\$ 17,000.00	\$ 16,000.00		\$ 33,000.00
300.222	ELECTRICAL	LS	\$ 36,459.00	\$ 28,937.70			\$ 28,937.70
300.222.5	INSTRUMENTATION & CONTROLS	LS	\$ 211,442.00	\$ 111,716.30	\$ 30,000.00		\$ 141,716.30
300.223	PAINTING AND COATING	LS	\$ 45,000.00	\$ 36,250.00			\$ 36,250.00
300.224	ROTARY POSITIVE DISPLACEMENT BLOWER (L)	LS	\$ 11,300.00	\$ 10,735.00			\$ 10,735.00
300.225	ROTARY POSITIVE DISPLACEMENT BLOWER (M)	LS	\$ 226,700.00	\$ 215,365.00			\$ 215,365.00
300.226	FILTER UNDERDRAIN SYSTEM (L)	LS	\$ 308,700.00	\$ -	\$ 115,762.50		\$ 115,762.50
300.227	FILTER UNDERDRAIN SYSTEM (M)	LS	\$ 1,145,000.00	\$ 909,165.00	\$ 150,000.00		\$ 1,059,165.00
300.228	FILTER MEDIA (L)	LS	\$ 91,000.00	\$ -	\$ 22,750.00		\$ 22,750.00
300.229	FILTER MEDIA (M)	LS	\$ 200,900.00	\$ 55,000.00	\$ 45,000.00		\$ 100,000.00
300.23	PROCESS PIPING -GENERAL (L)	LS	\$ 190,900.00	\$ 133,630.00	\$ 38,180.00		\$ 171,810.00
300.231	PROCESS PIPING -GENERAL (M)	LS	\$ 377,900.00	\$ 327,320.00	\$ 12,790.00		\$ 340,110.00
300.232	PROCESS PIPING INSULATION	LS	\$ 10,100.00	\$ -			\$ -

313 BLDG 330 - PRETREATMENT BUILDING							
300.24	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.241	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.242	ELECTRICAL	LS	\$ 3,243.49				\$ -

314 BLDG 400 - SLUDGE THICKENING BUILDING							
300.25	PAINTING AND COATING	LS	\$ 9,700.00	\$ 8,730.00			\$ 8,730.00

315 BUILDING 410 - PRIMARY DIGESTER COMPLEX							
300.26	ALUMINUM HANDRAILS	LS	\$ 12,750.00	\$ 831.83			\$ 831.83

316 BLDG 430 - DEWATERING BUILDING							
300.27	DEMOLITION (L)	LS	\$ 2,500.00	\$ 623.72			\$ 623.72
300.271	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00				\$ -
300.272	ELECTRICAL	LS	\$ 2,584.06				\$ -

317 BLDG 440 - SLUDGE STORAGE BUILDING AND DRYING PAD							
300.28	DEMOLITION (L)	LS	\$ 2,500.00				\$ -
300.281	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 17,400.00	\$ 2,039.43			\$ 2,039.43

318 BLDG 500 - ADMINISTRATION BUILDING							
300.29	ELECTRICAL	LS	\$ 368,933.96	\$ 152,233.49			\$ 152,233.49
300.29.5	INSTRUMENTATION & CONTROLS	LS	\$ 137,755.00	\$ 96,428.50			\$ 96,428.50

319 BLDG 510 - GENERATOR BUILDING							
300.30	DEMOLITION (L)	LS	\$ (69,700.00)				\$ -
300.301	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 8,700.00				\$ -

320 BLDG 530 - SERVICE BUILDING							
300.31	DEMOLITION (L)	LS	\$ 32,500.00				\$ -
300.311	SPECIALTY DOORS - COILING OH DOORS	LS	\$ 26,100.00				\$ -
300.312	ELECTRICAL	LS	\$ 5,390.98				\$ -

321 BLDG 610 - FINAL SETTLING BASINS							
300.32	DEMOLITION (L)	LS	\$ 1,434.00	\$ 1,434.00			\$ 1,434.00
300.321	ELECTRICAL	LS	\$ 7,271.47	\$ 5,453.60			\$ 5,453.60
300.322	TOP MOUNTED MIXERS (L)	LS	\$ 4,600.00	\$ 2,760.00	\$ 1,610.00		\$ 4,370.00
300.323	TOP MOUNTED MIXERS (M)	LS	\$ 38,100.00	\$ 34,290.00	\$ 1,905.00		\$ 36,195.00
300.324	BAFFLE WALLS AND PLATES (L)	LS	\$ 3,300.00	\$ 3,300.00			\$ 3,300.00
300.325	BAFFLE WALLS AND PLATES (M)	LS	\$ 1,100.00	\$ 1,100.00			\$ 1,100.00
300.326	PIPING SUPPORT SYSTEMS (L)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.327	PIPING SUPPORT SYSTEMS (M)	LS	\$ 700.00	\$ 700.00			\$ 700.00
300.328	PROCESS PIPING - GENERAL (L)	LS	\$ 3,400.00	\$ 3,400.00			\$ 3,400.00
300.329	PROCESS PIPING - GENERAL (M)	LS	\$ 2,200.00	\$ 2,200.00			\$ 2,200.00
300.33	PROCESS PIPING INSULATION	LS	\$ 1,900.00	\$ 1,900.00			\$ 1,900.00

ADVANCED PHOSPHORUS SUBTOTAL: \$ 7,295,691.66

Total \$ 12,628,934.65

Less Retainage \$ 428,226.90

Total \$ 12,200,707.75

Less Previously Paid \$ 11,422,295.57

Total Amount Due \$ 778,412.18

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$778,412.18 be allowed.

Respectfully Submitted,

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

November 18, 2021

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 53149 for Concrete Sidewalk Replacement - City Wide.

Contract No. #4205

CONTRACT DATE: March 16, 2021

Original \$ 543,140.00

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.	67,000	19,626.50	\$ 7.50	\$ 147,198.75
2	07316	6-Inch Concrete Sidewalk Removal and Replacement	Sq. Ft.	1,500	353.5	\$ 8.00	\$ 2,828.00
3	07326	6-Inch Concrete Drive Approach	Sq. Ft.	1,500	212.32	\$ 8.00	\$ 1,698.56
4	07002	Concrete Curb an Gutter Removal and Replacement	Lin. Ft.	400	123.72	\$ 40.00	\$ 4,948.80
5	07301	Detectable Warming Field	Sq. Ft.	16	8	\$ 40.00	\$ 320.00

Total \$ 156,994.11

Less Retainage \$ 7,849.71

Total \$ 149,144.40

Less Previously Paid

Total Amount Due \$ 149,144.40

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$149,144.40 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 FINAL to Thunder Road LLC, W297 S3549 Boettcher Road, Genesee, W 53189 for 2021 Crackfilling.

Contract No. # 4230

CONTRACT DATE: July 6, 2021

Original \$ 260,400.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	8402	Pavement Crack Sealing	LBS	90000	90000	\$2.04	\$ 183,600.00
2	8990	Pavement Crack Sealing Parks Parking Lots and Paths	LBS	40000	40000	\$1.92	\$ 76,800.00

Total \$ 260,400.00

Less Retainage

Total \$ 260,400.00

Less Previously Paid \$ 204,350.40

Total Amount Due \$ 56,049.60

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$56,049.60 be allowed.

Respectfully Submitted,



Alex Damien, P.E.

Interim Director of Public Works

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to D.F. Tomasini Contractors, Inc., N70 W25176 Indian Grass Lane, Sussex, WI 53089 for Oxford Road, Downing Drive, Algoma Terrace, Rawlins Drive And Badger Drive Utility And Street Improvements.

Contract No. #4197

CONTRACT DATE: March 2, 2021

Original \$ 565,172.00
Amended \$ 721,874.00

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	\$ 10,000.00	\$ 10,000.00
2	02002	SILT FENCE	LF	1000	312	\$ 2.40	\$ 748.80
3	02003	EROSION BALES	EACH	6		\$ 15.20	\$ -
4	02005	INLET PROTECTION	EACH	4	6	\$ 65.70	\$ 394.20
5	03300	REMOVE EXISTING CURB AND GUTTER	LF	700	723.0	\$ 6.10	\$ 4,410.30
6	03331	REMOVE EXISTING SIDEWALK	SF	3350	2967.3	\$ 1.20	\$ 3,560.76
7	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	200	180.0	\$ 4.00	\$ 720.00
8	03650	REMOVE EXISTING ROADWAY	SY	3320	3230.1	\$ 4.30	\$ 13,889.43
9	04009	SHAPING AND GRADING (FINE GRADING)	SY	3320	3661.1	\$ 2.90	\$ 10,617.19
10	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	500		\$ 3.00	\$ -
11	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	570	513.93	\$ 26.90	\$ 13,824.72
12	04021	3" CRUSHED STONE ROADWAY BASE	TON	150	293.57	\$ 27.90	\$ 8,190.60
13	04120	SLURRY BACKFILL	CY	40		\$ 80.00	\$ -
14	05050	INTERNAL CHIMNEY SEAL	EACH	11	11	\$ 450.00	\$ 4,950.00
15	05056	SANITARY LATERAL CLEANOUT	EACH	6	6	\$ 1,803.00	\$ 10,818.00
16	05074	SANITARY LATERAL CLEANING AND PRELINING VIDEO INSPECTION	EACH	6	6	\$ 354.00	\$ 2,124.00
17	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	2		\$ 3,500.00	\$ -
18	05108	8 INCH PVC SANITARY SEWER PIPE	LF	885	867.8	\$ 159.00	\$ 137,980.20
19	05109	8 INCH PVC SANITARY SEWER PIPE WITH ADDITIONAL EXCAVATION	LF	455	445.3	\$ 98.00	\$ 43,639.40
20	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	270	259.2	\$ 144.00	\$ 37,324.80
21	05350	SANITARY LATERAL LINING (CIPP) WITHIN 25 FT. OF SEWER MAIN	EACH	6	6	\$ 3,560.00	\$ 21,360.00

22	05351	SANITARY LATERAL LINING (CIPP) ADDITIONAL LENGTH OVER 25 FT. FROM SEWER	LF	60	29.5	\$ 38.40	\$ 1,132.80
23	05400	48 INCH DIA SANITARY MANHOLE	VF	78	82.0	\$ 196.00	\$ 16,072.00
24	05403	48 INCH DIA SANITARY MANHOLE WITH ADDITIONAL EXCAVATION	VF	20	15.5	\$ 174.00	\$ 2,697.00
25	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	30	12.2	\$ 330.00	\$ 4,026.00
26	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1	1	\$ 750.00	\$ 750.00
27	05431	REPLACE SANITARY SEWER FRAME & COVER	EACH	2	2	\$ 300.00	\$ 600.00
28	05432	REPLACE SANITARY SEWER CHIMNEY, FRAME & COVER	EACH	2		\$ 1,140.00	\$ -
29	05680	STORM SEWER INLET REPAIR	VF	6		\$ 220.00	\$ -
30	05692	STORM SEWER MANHOLE REPAIR	VF	2		\$ 500.00	\$ -
31	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EACH	1	1	\$ 780.00	\$ 780.00
32	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1330	1,697.5	\$ 1.90	\$ 3,225.25
33	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	21	20	\$ 281.00	\$ 5,620.00
34	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	400	352.2	\$ 3.00	\$ 1,056.60
35	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 20.20	\$ -
36	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	700	723	\$ 20.20	\$ 14,604.60
37	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	80	80	\$ 50.50	\$ 4,040.00
38	07302	PEDESTRIAN CURB	LF	50	29.5	\$ 101.00	\$ 2,979.50
39	07304	4-INCH CONCRETE SIDEWALK	SF	2,500	2,224.5	\$ 6.10	\$ 13,569.45
40	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	850	742.8	\$ 6.60	\$ 4,902.48
41	08203	HMA PAVEMENT TYPE 3LT5828S	TON	650	521.58	\$ 67.00	\$ 34,945.86
42	08205	HMA PAVEMENT TYPE 5LT5828S	TON	470	381.35	\$ 78.00	\$ 29,745.30
43	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	1,900	968.8	\$ 7.80	\$ 7,556.64
44	14005	TOPSOIL & SOD	SY	800	425.8	\$ 10.60	\$ 4,513.48
45	15001	FURNISH AND INSTALL 8" WATER MAIN AND FITTINGS	LF	440	419	\$ 143.00	\$ 59,917.00
46	15002	FURNISH AND INSTALL 8-INCH GATE VALVES AND VALVE BOXES	EACH	2	2	\$ 1,820.00	\$ 3,640.00
47	15003	FURNISH AND INSTALL HYDRANT ASSEMBLY	EACH	1	1	\$ 7,240.00	\$ 7,240.00
48	15004	CONNECT SERVICE LATERAL (SL1)	EACH	4	4	\$ 2,098.00	\$ 8,392.00
49	15005	CONNECT SERVICE LATERAL (SL2)	EACH	2	2	\$ 3,561.00	\$ 7,122.00

50	15006	ABANDON EXISTING HYDRANTS	EACH	1	1	\$ 1,310.00	\$ 1,310.00
51	15007	ABANDON VALVE BOXES & MANHOLES	LS	1	1	\$ 520.00	\$ 520.00
52		CO #1 - EXTRA #1 - CHANGED SITE CONDITION – EXISTING SANITARY MANHOLE NO. 2334	LS		1	\$ 7,493.00	\$ 7,493.00
53		CO #1 - EXTRA #2 - REPLACEMENT GRINDER PUMP STATION - FRAME PARK	LS		0.9	\$ 87,500.00	\$ 78,750.00
54		CO #2 - EXTRA #3 - HYDROEXCAVATION TO LOCATE EXISTING FORCE MAIN - BADGER DR	LS		1	\$ 8,679.00	\$ 8,679.00
55		CO #2 - EXTRA #4 - CHANGED SITE CONDITION – 24-INCH CMP CONFLICT, BADGER DR	LS		1	\$ 2,265.00	\$ 2,265.00

Total \$ 662,697.36

Less Retainage \$ 1,000.00

Total \$ 661,697.36

Less Previously Paid \$ 582,947.36

Total Amount Due \$ 78,750.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$78,750.00 be allowed.

Respectfully Submitted,

Alex Damien, P.E.

Interim Director of Public Works

November 18, 2021

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 10 FINAL 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	1.00	\$ 21,972.89	\$ 21,972.89
2	02003	EROSION BALES	EA	20		\$ 15.00	\$ -
3	02005	INLET PROTECTION	EA	40	40.00	\$ 53.00	\$ 2,120.00
4	02990	BYPASS PUMPING	LS	1	1.00	\$ 31,500.00	\$ 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	11382.18	\$ 3.20	\$ 36,422.98
8	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	400		\$ 2.25	\$ -
9	04002	EXCAVATION CUT	CY	6125	6125.00	\$ 35.00	\$ 214,375.00
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	102.93	\$ 13.55	\$ 1,394.70
13	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	500		\$ 29.40	\$ -
14	04991	SHAPING AND GRADING TO SUBGRADE (FINE GRADING)	SY	17000	17551.90	\$ 1.21	\$ 21,237.80
15	05020	SANITARY SEWER MANOLE ADJUSTMENT	EA	11		\$ 1,100.00	\$ -
16	05030	SANITARY MANHOLE CHIMNEY REPLACEMENT	EA	37	37.00	\$ 1,875.00	\$ 69,375.00
17	05050	INTERNAL CHIMNEY SEAL	EA	37	37.00	\$ 500.00	\$ 18,500.00
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EA	9	9.00	\$ 750.00	\$ 6,750.00
19	05425	CHEMICAL GROUT SEALING OF SANITARY MANHOLE	EA	3	3.00	\$ 860.00	\$ 2,580.00
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	105.00	\$ 90.00	\$ 9,450.00
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	55.10	\$ 1,000.00	\$ 55,100.00
25	05692	STORM SEWER MANHOLE REPAIR	VF	6		\$ 1,000.00	\$ -
26	05695	STORM MANHOLE CHIMNEY REPLACEMENT	EA	1	1.00	\$ 1,600.00	\$ 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	30.83	\$ 130.00	\$ 4,007.90
29	05903	HEAVY RIPRAP	CY	575	603.70	\$ 100.00	\$ 60,370.00
30	05905	RIPRAP FILTER FABRIC, TYPE HR	SY	9175	9175.00	\$ 0.01	\$ 91.75

31	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	1665	1653.00	\$ 1.85	\$ 3,058.05
32	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	130	29.00	\$ 9.50	\$ 275.50
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	1.00	\$ 900.00	\$ 900.00
35	05995	4'H x 6'W BOX CULVERT	LF	248	248.00	\$ 650.00	\$ 161,200.00
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	98.00	\$ 1,100.00	\$ 107,800.00
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	10.00	\$ 2,750.00	\$ 27,500.00
40	05999	4'H x 10'W BOX CULVERT END SECTION	EA	2	2.00	\$ 3,000.00	\$ 6,000.00
41	06500	TYPE A SLURRY	CY	50		\$ 65.00	\$ -
42	07002	CONCRETE CURB AND GUTTER REMOVAL And REPLACEMENT	LF	1450	2026.40	\$ 50.70	\$ 102,738.48
43	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	496	504.00	\$ 50.00	\$ 25,200.00
44	07302	PEDESTRIAN CURB	LF	100		\$ 35.00	\$ -
45	07304	4-INCH CONCRETE SIDEWALK	SF	9500	11550.56	\$ 7.00	\$ 80,853.92
46	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	17700	16589.06	\$ 2.01	\$ 33,344.01
47	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	17000	17551.90	\$ 2.21	\$ 38,789.70
48	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	8750	8706.96	\$ 0.20	\$ 1,741.39
49	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	400		\$ 12.05	\$ -
50	08065	HMA PAVEMENT PATCHING	SY	1000	116.00	\$ 15.32	\$ 1,777.12
51	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3000	2909.19	\$ 63.50	\$ 184,733.57
52	08205	HMA PAVEMENT TYPE 5LT5828S	TON	3100	3368.94	\$ 69.10	\$ 232,793.75
53	08403	PAVEMENT CRACK SEALING	SY	8750	8706.96	\$ 1.38	\$ 12,015.60
54	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	3400	2934.66	\$ 1.65	\$ 4,842.19
55	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	80	56.00	\$ 3.35	\$ 187.60
56	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	315	334.00	\$ 2.45	\$ 818.30
57	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	415	320.50	\$ 4.95	\$ 1,586.48
58	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	75	70.67	\$ 7.45	\$ 526.49
59	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EA	1	1.00	\$ 165.00	\$ 165.00
60	14002	TOPSOIL, FERTILIZER, SEED & MULCH	SY	500		\$ 7.30	\$ -
61	14005	TOPSOIL & SOD	SY	1000	2598.00	\$ 12.80	\$ 33,254.40
62	14101	SPLIT-RAIL WOOD FENCE	LF	55	90.00	\$ 42.40	\$ 3,816.00
63	15001	WATERMAIN OFFSETS	EA	3	5.00	\$ 8,500.00	\$ 42,500.00
64	14990	VEGITATED RIP RAP	SY	9,175	1358.00	\$ 0.01	\$ 13.58

MANDATORY ALTERNATE #1 - REMOVAL OF COFFER DAM

1	03989	REMOVE COFFER DAM, MINOR GRADING, AND RESTORE WITH VEGETATED RIP RAP	LS	1	1.00	\$ 12,500.00	\$ 12,500.00
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MANDATORY ALTERNATE #2 - RUBEN DRIVE AND LAURA LANE

1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 2,480.00	\$ 2,480.00
2	02003	EROSION BALES	EACH	20		\$ 15.00	\$ -
3	02005	INLET PROTECTION	EACH	39	39.00	\$ 53.00	\$ 2,067.00
4	03331	REMOVE EXISTING SIDEWALK	SF	6350	6195.06	\$ 3.20	\$ 19,824.19
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	72.05	\$ 13.60	\$ 979.88
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	26.00	\$ 500.00	\$ 13,000.00
13	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	216	174.00	\$ 135.00	\$ 23,490.00
14	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	26	28.00	\$ 1,275.00	\$ 35,700.00
15	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	10	10.00	\$ 750.00	\$ 7,500.00
16	05680	STORM SEWER INLET REPAIR	VF	30	45.00	\$ 1,000.00	\$ 45,000.00
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	839.00	\$ 1.95	\$ 1,636.05
20	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	6	6.00	\$ 305.00	\$ 1,830.00
21	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	910	1051.00	\$ 50.70	\$ 53,285.70
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	6195.06	\$ 7.00	\$ 43,365.42
25	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	18200	17899.00	\$ 2.21	\$ 39,556.79
26	08203	HMA PAVEMENT TYPE 3LT5828S	TON	3200	2935.82	\$ 58.40	\$ 171,451.89
27	08205	HMA PAVEMENT TYPE 5LT5828S	TON	2200	1813.17	\$ 64.10	\$ 116,224.20
28	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	1200	2278.00	\$ 1.65	\$ 3,758.70
29	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	305	568.00	\$ 2.45	\$ 1,391.60
30	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	85	149.00	\$ 7.45	\$ 1,110.05
31	14005	TOPSOIL & SOD	SY	800	633.00	\$ 12.80	\$ 8,102.40
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	3.00	\$ 53.00	\$ 159.00
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 \$ 2,861,858.96

Less Retainage

Total \$ 2,861,858.96

Less Previously Paid \$ 2,851,858.96

Total Amount Due \$ 10,000.00

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$10,000.00 be allowed.

Respectfully Submitted,

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