

December 6, 2018

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to Stark Pavement Corp., 12845 W. Burleigh Road, Brookfield, WI 53005 for Resurfacing of asphalt Streets - 2018.

Contract No. #4060

CONTRACT DATE: May 1, 2018

Original \$ 1,246,755.36 (Amended \$1,296,755.36)

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1	\$ 21,000.00	\$ 21,000.00
2	02003	EROSION BALES	EACH	20	6	\$ 20.00	\$ 120.00
3	02005	INLET PROTECTION	EACH	20	18	\$ 50.00	\$ 900.00
4	03331	REMOVE EXISTING SIDEWALK	SY	650	889.45	\$ 14.25	\$ 12,674.66
5	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	863	402	\$ 2.00	\$ 804.00
6	03990	REMOVE SANITARY MANHOLE #2244	LS	1	1	\$ 1,000.00	\$ 1,000.00
7	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	1000	905	\$ 2.50	\$ 2,262.50
8	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	1000	751.57	\$ 18.75	\$ 14,091.94
9	04502	CRUSHED AGGREGATE BASE COURSE, 1-1/4" (INCLUDES EBS)	TON	1000	1218.66	\$ 22.00	\$ 26,810.52
10	04521	CRUSHED AGGREGATE BASE COURSE, GRADATION NO. 1 (INCLUDES EBS)	TON	500	60.34	\$ 22.00	\$ 1,327.48
11	04990	SHAPING AND GRADING OF ROAD BASE	SQYD	21000	19,362	\$ 1.05	\$ 20,330.10
12	05030	CHIMNEY REPLACEMENT	EACH	28	29	\$ 1,400.00	\$ 40,600.00
13	05050	INTERNAL CHIMNEY SEAL	EACH	28	29	\$ 530.00	\$ 15,370.00
14	05055	CLEANOUT	EACH	9	10	\$ 800.00	\$ 8,000.00
15	05108	8 INCH PVC SANITARY SEWER PIPE	LF	48	48	\$ 250.00	\$ 12,000.00
16	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	12	10.1	\$ 1,000.00	\$ 10,100.00
17	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER (APPROX. 270	EACH	29	29	\$ 1,060.00	\$ 30,740.00
18	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	6	6	\$ 750.00	\$ 4,500.00
19	05475	48-INCH STORM SEWER MANHOLE	EACH	1	2	\$ 5,000.00	\$ 10,000.00
20	05485	2'X3' STORM INLET	EACH	3	3	\$ 3,500.00	\$ 10,500.00
21	05503	PVC STORM SEWER SUMP LATERAL PIPE	LF	442	524	\$ 75.00	\$ 39,300.00
22	05513	12 INCH PVC STORM SEWER PIPE	LF	638	634.5	\$ 110.00	\$ 69,795.00
23	05590	STORM SEWER INLET REPAIR	VF	42	8.7	\$ 100.00	\$ 870.00
24	05595	STORM SEWER MANHOLE REPAIR	VF	10		\$ 600.00	\$ -
25	05951	SANITARY SEWER CLEANING AND TELEVISIONING - PREPAVING	LF	428	425.90	\$ 2.25	\$ 958.28
26	05955	STORM SEWER CLEANING AND TELEVISIONING - PREPAVING	LF	638		\$ 2.25	\$ -
27	05956	STORM SEWER LATERAL TELEVISIONING - PREPAVING	EACH	9		\$ 240.00	\$ -
28	06100	EXTRA BAGS OF CEMENT	EA	20		\$ 10.00	\$ -

29	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	1500	1,820.9	\$	35.75	\$	65,097.18
30	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	384	384	\$	30.00	\$	11,520.00
31	07302	PEDESTRIAN CURB	LF	400	25	\$	22.00	\$	550.00
32	07304	4-INCH CONCRETE SIDEWALK	SF	5700	7,475	\$	5.60	\$	41,860.00
33	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	350	530	\$	7.50	\$	3,975.00
34	08010	MILL EXISTING ASPHALT ROADWAY	SY	21000	19,632	\$	2.75	\$	53,988.00
35	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	7000	7,000	\$	2.15	\$	15,050.00
36	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	28000	7,000	\$	0.15	\$	1,050.00
37	08065	HMA PAVEMENT PATCHING	SY	1000		\$	32.00	\$	-
38	08206	HMA PAVEMENT TYPE 3LT5828H	TON	2900	3,097.93	\$	58.05	\$	179,834.84
39	08208	HMA PAVEMENT TYPE 5LT5828H	TON	2650	3,365.59	\$	64.30	\$	216,407.44
40	08401	PAVEMENT CRACK SEALING	SQ YD	7000	7,000	\$	1.21	\$	8,470.00
41	10002	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	1	1	\$	4,144.61	\$	4,144.61
42	10005	REMOVE, STORE AND RE-INSTALL EXISTING TRAFFIC SIGNALS	LS	1	0.5	\$	3,841.35	\$	1,920.68
43	10012	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH. WDOT 652.0225	LF	180	140	\$	5.50	\$	770.00
44	10013	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH. WDOT 652.0235	LF	620	763	\$	6.32	\$	4,822.16
45	10026	PULL BOXES STEEL 24x42-INCH, WDOT 653.0140	EACH	8	8	\$	781.21	\$	6,249.68
46	10031	CONCRETE BASE - TYPE 1, WDOT 654.0101	EACH	8	8	\$	608.10	\$	4,864.80
47	10040	CONCRETE BASE - TYPE 10, WDOT 654.0110	EACH	3	3	\$	3,892.39	\$	11,677.17
48	10050	CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL, WDOT 654.0217	EACH	1	1	\$	1,457.16	\$	1,457.16
49	10067	CABLE TRAFFIC SIGNAL 7-14 AWG, WDOT 655.0240	LF	1330	1468	\$	1.24	\$	1,820.32
50	10072	CABLE TRAFFIC SIGNAL 12-14 AWG, WDOT 655.0260	LF	1420	1949	\$	1.82	\$	3,547.18
51	10090	CABLE TYPE UF 2-10 AWG GROUNDED, WDOT 655.0320	LF	560	678	\$	1.18	\$	800.04
52	10110	ELECTRICAL WIRE TRAFFIC SIGNAL 10 AWG, WDOT 655.0515	LF	1020	1305	\$	0.86	\$	1,122.30
53	10115	ELECTRICAL WIRE LIGHTING AWG 10. WDOT 655.0615	LF	550	612	\$	0.68	\$	416.16
54	10120	TRAFFIC SIGNAL EVP DETECTOR CABLE, WDOT 655.0900	LF	600	729	\$	1.04	\$	758.16
55	10140	ELECTRICAL SERVICE METER BREAKER PEDESTAL, WDOT 655.0200.01	LS	1	1	\$	485.22	\$	485.22
56	10141	PEDESTAL BASES, WDOT 657.0100	EACH	7	7	\$	207.84	\$	1,454.88
57	10150	TRAFFIC SIGNAL CONTROLLER AND CABINET, 8-PHASE FULLY ACTUATED	EACH	1	1	\$	21,678.69	\$	21,678.69
58	10165	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 15-FT, WDOT 657.0425	EACH	3	3	\$	546.44	\$	1,639.32
59	10170	TRAFFIC SIGNAL STANDARDS, ALUMINUM, 10-FT, WDOT 657.0430	EACH	4	4	\$	499.70	\$	1,998.80
60	10510	MONOTUBE POLES, TYPE 10	EACH	3	3	\$	5,794.16	\$	17,382.48
61	10530	MONOTUBE ARM, 30-FT	EACH	3	3	\$	3,600.86	\$	10,802.58
62	10578	LUMINAIRE ARMS STEEL, 8-FT	EACH	3	2	\$	458.80	\$	917.60
63	10603	TRAFFIC SIGNAL FACE 3S 12-INCH, WDOT 658.0173	EACH	10	10	\$	597.69	\$	5,976.90
64	10604	TRAFFIC SIGNAL FACE 4S 12-INCH, WDOT 658.0174	EACH	6	6	\$	697.02	\$	4,182.12


65	10613	BACKPLATE SIGNAL FACE 3 SECTION 12-IN, WDOT 658.0215	EACH	10		\$	0.01	\$	-
66	10614	BACKPLATE SIGNAL FACE 4 SECTION 12-IN, WDOT 658.0220	EACH	6		\$	0.01	\$	-
67	10700	LED MODULES 12-IN RED BALL, WDOT 658.0600	EACH	8		\$	0.01	\$	-
68	10701	LED MODULES 12-IN YELLOW BALL, WDOT 658.0605	EACH	8		\$	0.01	\$	-
69	10702	LED MODULES 12-IN GREEN BALL, WDOT 658.0610	EACH	8		\$	0.01	\$	-
70	10703	LED MODULE 12-IN RED ARROW, WDOT 658.0615	EACH	8		\$	0.01	\$	-
71	10721	LED MODULE 12-IN YELLOW ARROW, WDOT 658.0620	EACH	16		\$	0.01	\$	-
72	10722	LED MODULE 12-IN GREEN ARROW, WDOT 658.0625	EACH	6		\$	0.01	\$	-
73	10735	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM	LS	1	1	\$	7,999.70	\$	7,999.70
74	10800	SIGNAL MOUNTING HARDWARE, WDOT 658.5069.01	LS	1	1	\$	3,391.93	\$	3,391.93
75	10900	EMERGENCY VEHICLE PREEMPTION SYSTEM	LS	1	1	\$	9,591.64	\$	9,591.64
76	10950	VIDEO VEHICLE DETECTION SYSTEM	LS	1	1	\$	25,041.12	\$	25,041.12
77	10990	REMOVE, STORE AND REINSTALL EXISTING LUMINAIRE	EACH	3	3	\$	232.50	\$	697.50
78	10991	REMOVE AND SALVAGE EXISTING APS PUSH BUTTON SYSTEM	LS	1	1	\$	242.61	\$	242.61
79	10992	REMOVE EXISTING EVP DETECTOR WIRE	LS	1	1	\$	242.61	\$	242.61
80	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN	LS	1	1	\$	242.61	\$	242.61
81	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	12	12	\$	224.42	\$	2,693.04
82	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	8	8	\$	72.78	\$	582.24
83	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	3970	7,526.6	\$	0.85	\$	6,397.61
84	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	830	483.1	\$	1.00	\$	483.10
85	12220	PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH	LF	1400	1097.8	\$	5.80	\$	6,367.24
86	12222	PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH	LF	435	678	\$	6.80	\$	4,610.40
87	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	450	329	\$	7.00	\$	2,303.00
88	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	4	4	\$	190.00	\$	760.00
89	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	4	4	\$	190.00	\$	760.00
90	14005	TOPSOIL & SOD	SY	3600	1162	\$	8.50	\$	9,877.00
91	08207	HMA PAVEMENT TYPE 4LT5828H	TON	1400	1035.12	\$	63.70	\$	65,937.14
92	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	650		\$	22.50	\$	-
93	15001	WATER VALVE ADJUSTMENT	EACH	45	45	\$	25.00	\$	1,125.00
CO 1		Coring & 4" Insta-tee	EACH		2	\$	1,100.00	\$	2,200.00
CO 2		Grading and Prep - Drop off Center	SQYD		1942.22	\$	5.00	\$	9,711.10

CO 2	HMA Pavment 3MT5828S	TON	443.26	\$ 54.18	\$ 24,015.83
CO 2	HMA Pavment 4MT5828S	TON	200.74	\$ 58.63	\$ 11,769.39

Total	\$	1,259,787.76
Less Retainage	\$	32,418.88
Total	\$	1,227,368.88
Less Previously Paid	\$	1,190,947.00
Total Amount Due	\$	36,421.88

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$36,421.88 be allowed.

Respectfully Submitted,


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