September 21, 2017

TO THE BOARD OF PUBLIC WORKS CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Pavement No. 3 to Stark Pavement Corp., 12845 W. Burleigh Road, Brookfield, WI 53005 for Resurfacing of Asphalt Streets - 2017.

Contract No. 4003		4/28/2017		\$ 1,684,294.80			ı
No 1	Quantity 1,219.66	Description Lin, Ft. of 12-Inch Storm Sewer (PVC)	@	Cost Lin. Ft.	\$	Per Unit \ 49.00	Amount \$59,763.34
	342.71	Lin. Ft. 4" PVC Sump Pump Collectors	@ @	Lin. Ft.	\$	25.00	\$8,567.75
· 2 3	14.00	12" x 4" Wye	@	Each	\$	220.00	\$3,080.00
4	14.00	4" x 4" Tee	@	Each	\$	75.00	\$1,050.00
5	42.00	4" Clean Out Pipe	@	Lin. Ft.	\$	20.00	\$840.00
6	28.00	4" Caps	@	Each	\$	10.00	\$280.00
7	7.00	30-Inch Dia. Storm Sewer Structure	@	Each	\$	1,500.00	\$10,500.00
						,	\$700.00
8	1.00	Saw Core Connection-Patricia Ln Storm Sewer	@	Each	\$	700.00	
9		Grand Garage Walantaine Dannaine Datisis In-	@	Lin. Ft.	\$	1.60	\$0.00
10		Storm Sewer Televising - Prepaving - Patricia Ln Sanitary Sewer Televising - Prepaving - Patricia Ln	@	Lin. Ft.	\$	1.60	\$0.00
11		Sanitary Lateral Televising - Prepaving	@	Each	\$	215.00	\$0.00
12		Slurry Backfill	@	Cu. Yd.	\$	55,00	\$0.00
13	13.00	Storm Sewer Inlet Repair	@	Each	\$	400.00	\$5,200.00
14	4.00	Storm Sewer Inlet Reconstruction	@	Vert. Ft.	\$	220.00	\$880.00
15	4.00	Storm Sewer Manhole Chimney Replacement	@	Each	\$	650.00	\$2,600.00
16	30.00	Sanitary Manhole Chimney Replacement	<u>@</u>	Each	\$	1,150.00	\$34,500.00
17	34.00	Sanitary Manhole Chimney Seal	@	Each	\$	480.00	\$16,320.00
18	1.00	2401-2403 Madison Street 6" Lateral	@L	@Lump Sum		12,000.00	\$12,000.00
10	1.040.40	Extension	_	Y ' Y''	Φ	01.77	<u>ውን</u> ተጣል ላይ
19	1,249.40	Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP)	@	Lin, Ft.	Ф	(21.75	\$27,174.45
20		Sanitary Sewer Spot Repair	@	Each	\$	8,000.00	\$0.00
21	20.00	Sanitary Lateral Reinstatement	@	Each	\$	50.00	\$1,000.00
22	20.00		@	Each	\$	1,390.00	\$27,800.00
23	20.00	Sanitary Lateral Cleanout Sanitary Lateral Cleaning and Prelining Video Inspection	@	Each	\$	262.50	\$5,250.00
24 [']		Sanitary Lateral Spot Repair	@	Each	\$	8,000.00	\$0.00
25	20.00	Sanitary Lateral Lining (CIPP) within 25 Ft. of Sewer Main	@	Each		3,150.00	\$63,000.00
26		Lin. Ft. of Sanitary Lateral Lining (CIPP) Additional Length over 25 Ft. from Sewer Main	@	Lin. Ft.	\$	52.50	\$0.00
27	3.00	Replace Sanitary Manhole Cover	<u>@</u>	Each	\$	100.00	\$300.00
28	5.00	Sanitary Manhole Rehabilitation (Approx. 60 Vert. Ft.)	@	Each	\$	1,450.00	\$7,250.00

29	12.00	Sanitary Manhole Bench / Invert / Trough Work Minor	@	Each	\$ 600.00	\$7,200.00	
30	612.00	Abandon 15" Sanitary Sewer	@	Lin. Ft.	\$ 15.00	\$9,180.00	
31	4.00	Abandon Sanitary Manhole	@	Each	\$ 1,800.00	\$7,200.00	
32		Concrete Collar Removal	@	Each	\$ 150.00	\$0.00	
33	896.00	Sawcutting at Pavement Limits	@	Lin. Ft.	\$ 1.80	\$1,612.80	•
34	2,986.75	Lin. Ft. of 30-Inch Concrete Curb and Gutter Removal and Replacement	@	Lin. Ft.	\$ 30.80	\$91,991.90	
35	1,246.80	Lin. Ft. of 30-Inch Concrete Curb and Gutter	@	Lin. Ft.	\$ 22.25	\$27,741.30	
36	10,565.00	Concrete Walk, Driveway and Drive Approach Removal	@	Sq. Ft.	\$ 1.40	\$14,791.00	
37	10,995.29	New 4-Inch Concrete Walk and Curb Ramps	@	Sq. Ft.	\$ 5.45	\$59,924.33	
38	2,613.70	New 6-Inch Concrete Walk and Curb Ramps	@	Sq. Ft.	\$ 6.00	\$15,682.20	
39		Concrete Pedestrian - Curb	@	Lin. Ft.	\$ 20.00	\$0.00	
40	456.00	Detectable Warning Surface	@	Sq. Ft.	\$ 32.00	\$14,592.00	
41	44,867.54	Sq. Yds. of Pavement Millings - Asphalt Streets	@	Sq. Yd.	\$ 1.60	\$71,788.06	
42	7,455.05	Sq. Yds. of Pavement Milling - Full Depth	@	Sq. Yd.	\$ 2.48	\$18,488.52	
43	981.90	"Petrotac" (or equivalent)	@	Sq. Yd.	\$ 4.35	\$4,271.27	
44	2,759.64	Pavement Removal	<u>@</u>	Sq. Yd.	\$ 2.65	\$7,313.05	
45	44,867.54	Crackfilling (per Sq Yd of Pavement Millings)	@	Sq. Yd.	\$ 0.50	\$22,433.77	
46	44,867.54	Foundation Preparation (per Sq Yd of Pavement Millings)	@	Sq. Yd.	0.12	\$5,384.10	
47	1,031.29	11/4-Inch Dense Aggregate	@	Tons	\$ 9.90	\$10,209.77	
48	482.41	11/4-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$ 22.30	\$10,757.74	
49	1,277.13	3-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$ 22.30	\$28,480.00	
50	2,093.00	Geotextile Fabric, SAS	@	Sq. Yd.	2.00	\$4,186.00	
51	2,287.00	Shaping and Grading of Roadway Base	<u>@</u>	Lin. Ft.	\$ 3.79	\$8,667.73	
52	288.00	Shaping and Grading of New Sidewalk Base (Patricia Ln)	@	Lin. Ft.	3.00	\$864.00	
53	1,601.48	HMA Pavement, Type 3 MT 58-28 H	<u>@</u>	Ton	59.60	\$95,448.21	
54	6,123.46	HMA Pavement, Type 5 MT 58-28 H	@	Ton	59.85	\$366,489.08	
55	185.64	HMA Pavement for Patching, Type 3 MT 58- 28 H	@	Ton	72.10	\$13,384.64	
56	526.75	Sq. Ft. of 4-Inch HMA Driveway Pavement	@	Sq. Ft.	4.50	\$2,370.38	
57		Extra Bags of Cement for High-Early-Strength Concrete	@	Each	25.00	\$0.00	
58	1.00	Traffic Control - Madison St.	_	ump Sum	4,500.00	\$4,500.00	
59	1.00	Traffic Control -Patricia Lane		ump Sum	8,500.00	\$8,500.00	
60	1.00	Traffic Control - Comanche Lane and Crestwood Dr	_	ump Sum	6,500.00	\$6,500.00	
61	25.00	Water Valve Adjustment	@	Each	250.00	\$6,250.00	
62		Adjust Curb Stop Box	@	Each	100.00	\$0.00	
	- 2,123.00	Topsoil and Sod (Includes Stripping)	<u>a</u>	Sq. Yd.	\$ 8.00	\$16,984.00	
63	2,120.00	Silt Fence, Delivered, Installed and Maintained	_	Lin. Ft.	4.00	\$0.00	

65			@	Each	\$	20.00	\$0.00
		Straw Bales Delivered, Installed and Maintained					
66	44.00	Filter Fabric Inlet Protection	@	Each	\$	50.00	\$2,200.00
67	10,426.00	Pavement Markings, Epoxy, Yellow, 4-Inch	@	Lin. Ft.	\$	0.28	\$2,919.28
68	18,376.00	Pavement Markings, Epoxy, White, 4-Inch	@	Lin. Ft.	\$	0.28	\$5,145.28
69	809.00	Pavement Markings, Epoxy, White, 6-Inch	<u>@</u>	Lin. Ft.	\$	6.00	\$4,854.00
70	198.00	Pavement Markings, Epoxy, White, 18-Inch	<u>@</u>	Lin. Ft.	\$	6.50	\$1,287.00
71	16.00	Pavement Markings, Epoxy, White, Bike Lane Symbol	<u>@</u>	Each	\$	140.00	\$2,240.00
	Subtotal					·	\$1,269,886.96
	Less Retainage						\$42,107.37
	Less Sprinkler Repair Retainage						\$153.13
	Less Water Utility Repair Retainage						\$0.00
	Subtotal						\$1,227,626.46
	Less amount previously paid						
Total Amount Due							\$782,696.35

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$782,696.35 be allowed.

Respectfully Submitted,

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

Robin/Excel/Partials/Stark