

February 8, 2018

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Pavement No. 5 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

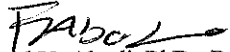
No	Quantity	Description	Cost	Per Unit	Amount
1	1,219.66	Lin. Ft. of 12-Inch Storm Sewer (PVC)	@ Lin. Ft.	\$ 49.00	\$59,763.34
2	342.71	Lin. Ft. 4" PVC Sump Pump Collectors	@ Lin. Ft.	\$ 25.00	\$8,567.75
3	14.00	12" x 4" Wye	@ Each	\$ 220.00	\$3,080.00
4	14.00	4" x 4" Tee	@ Each	\$ 75.00	\$1,050.00
5	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
8	1.00	Saw Core Connection-Patricia Ln Storm Sewer	@ Each	\$ 700.00	\$700.00
9	1,214.50	Storm Sewer Televising - Prepaving - Patricia Ln	@ Lin. Ft.	\$ 1.60	\$1,943.20
10	1,256.00	Sanitary Sewer Televising - Prepaving - Patricia Ln	@ Lin. Ft.	\$ 1.60	\$2,009.60
11	20.00	Sanitary Lateral Televising - Prepaving	@ Each	\$ 215.00	\$4,300.00
12	0.00	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	35.00	Sanitary Manhole Chimney Replacement	@ Each	\$ 1,150.00	\$40,250.00
17	35.00	Sanitary Manhole Chimney Seal	@ Each	\$ 480.00	\$16,800.00
18	1.00	2401-2403 Madison Street 6" Lateral Extension	@ Lump Sum	\$ 12,000.00	\$12,000.00
19	1,249.40	Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP)	@ Lin. Ft.	\$ 21.75	\$27,174.45
20	0.00	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	Sanitary Lateral Cleanout	@ Each	\$ 1,390.00	\$27,800.00
23	20.00	Sanitary Lateral Cleaning and Prelining Video Inspection	@ Each	\$ 262.50	\$5,250.00
24	0.00	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	86.84	Lin. Ft. of Sanitary Lateral Lining (CIPP) Additional Length over 25 Ft. from Sewer	@ Lin. Ft.	\$ 52.50	\$4,559.10
27	3.00	Replace Sanitary Manhole Cover	@ 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	0.00	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	13,612.58	Concrete Walk, Driveway and Drive Approach Removal	@	Sq. Ft.	\$	1.40	\$19,057.61
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	0.00	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	@	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	1/4-Inch Dense Aggregate	@	Tons	\$	9.90	\$10,209.77
48	482.41	1/4-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$	22.30	\$10,757.74
49	2,361.64	3-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$	22.30	\$52,664.57
50	2,093.00	Geotextile Fabric, SAS	@	Sq. Yd.	\$	2.00	\$4,186.00
51	2,287.00	Shaping and Grading of Roadway Base	@	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	@	Ton	\$	59.60	\$95,448.21
54	6,791.46	HMA Pavement, Type 5 MT 58-28 H	@	Ton	\$	59.85	\$406,468.88
55	625.40	HMA Pavement for Patching, Type 3 MT 58-28 H	@	Ton	\$	72.10	\$45,091.34
56	526.75	Sq. Ft. of 4-Inch HMA Driveway Pavement	@	Sq. Ft.	\$	4.50	\$2,370.38
57	0.00	Extra Bags of Cement for High-Early-Strength Concrete	@	Each	\$	25.00	\$0.00
58	1.00	Traffic Control - Madison St.	@	Lump Sum	\$	4,500.00	\$4,500.00
59	1.00	Traffic Control -Patricia Lane	@	Lump Sum	\$	8,500.00	\$8,500.00
60	1.00	Traffic Control - Comanche Lane and Crestwood Dr	@	Lump Sum	\$	6,500.00	\$6,500.00
61	25.00	Water Valve Adjustment	@	Each	\$	250.00	\$6,250.00
62	0.00	Adjust Curb Stop Box	@	Each	\$	100.00	\$0.00
63	2,169.53	Topsoil and Sod (Includes Stripping)	@	Sq. Yd.	\$	8.00	\$17,356.24
64	0.00	Silt Fence, Delivered, Installed and Maintained	@	Lin. Ft.	\$	4.00	\$0.00
65	0.00	Straw Bales Delivered, Installed and Maintained	@	Each	\$	20.00	\$0.00
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	@	Lin. Ft.	\$	6.00	\$4,854.00
70	198.00	Pavement Markings, Epoxy, White, 18-Inch	@	Lin. Ft.	\$	6.50	\$1,287.00
71	16.00	Pavement Markings, Epoxy, White, Bike Lane Symbol	@	Each	\$	140.00	\$2,240.00
A	3.00	Remove and Replace Mailboxes and Posts	@	Each	\$	750.00	\$2,250.00
							\$1,391,688.78
Subtotal							\$1,391,688.78
Less Retainage							\$42,107.37
Less Sprinkler Repair Retainage							\$0.00
Less Liquidated damages							\$7,000.00
							\$7,000.00
Less Water Utility Repair Retainage							\$0.00
							\$0.00
Subtotal							\$1,342,581.41
Less amount previously paid							\$1,341,864.26
Total Amount Due							\$717.15

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$717.15 be allowed.

Respectfully Submitted,


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

Robin/Excel/Partials/Stark