

August 17, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Pavement No. 2 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	1,232.50	Lin. Ft. of 12-Inch Storm Sewer (PVC)	@ Lin. Ft.	\$ 49.00	\$60,392.50
2	330.50	Lin. Ft. 4" PVC Sump Pump Collectors	@ Lin. Ft.	\$ 25.00	\$8,262.50
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		Storm Sewer Televising - Prepaving - Patricia Ln	@ Lin. Ft.	\$ 1.60	\$0.00
10		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	9.00	Storm Sewer Inlet Repair	@ Each	\$ 400.00	\$3,600.00
14	14.00	Storm Sewer Inlet Reconstruction	@ Vert. Ft.	\$ 220.00	\$3,080.00
15		Storm Sewer Manhole Chimney Replacement	@ Each	\$ 650.00	\$0.00
16		Sanitary Manhole Chimney Replacement	@ Each	\$ 1,150.00	\$0.00
17		Sanitary Manhole Chimney Seal	@ Each	\$ 480.00	\$0.00
18		2401-2403 Madison Street 6" Lateral Extension	@ Lump Sum	\$ 12,000.00	\$0.00
19	1,249.40	Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP)	@ Lin. Ft.	\$ 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	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		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	@ Lin. Ft.	\$ 52.50	\$0.00
27		Replace Sanitary Manhole Cover	@ Each	\$ 100.00	\$0.00

28		Sanitary Manhole Rehabilitation (Approx. 60 Vert. Ft.)	@	Each	\$	1,450.00	\$0.00
29		Sanitary Manhole Bench / Invert / Trough Work Minor	@	Each	\$	600.00	\$0.00
30		Abandon 15" Sanitary Sewer	@	Lin. Ft.	\$	15.00	\$0.00
31		Abandon Sanitary Manhole	@	Each	\$	1,800.00	\$0.00
32		Concrete Collar Removal	@	Each	\$	150.00	\$0.00
33	176.00	Sawcutting at Pavement Limits	@	Lin. Ft.	\$	1.80	\$316.80
34	2,884.55	Lin. Ft. of 30-Inch Concrete Curb and Gutter Removal and Replacement	@	Lin. Ft.	\$	30.80	\$88,844.14
35			@	Lin. Ft.	\$	22.25	\$0.00
36	10,565.00	Lin. Ft. of 30-Inch Concrete Curb and Gutter Concrete Walk, Driveway and Drive Approach Removal	@	Sq. Ft.	\$	1.40	\$14,791.00
37	10,667.28	New 4-Inch Concrete Walk and Curb Ramps	@	Sq. Ft.	\$	5.45	\$58,136.68
38	616.75	New 6-Inch Concrete Walk and Curb Ramps	@	Sq. Ft.	\$	6.00	\$3,700.50
39		Concrete Pedestrian - Curb	@	Lin. Ft.	\$	20.00	\$0.00
40	456.00	Detectable Warning Surface	@	Sq. Ft.	\$	32.00	\$14,592.00
41	21,481.00	Sq. Yds. of Pavement Millings - Asphalt Streets	@	Sq. Yd.	\$	1.60	\$34,369.60
42	2,376.00	Sq. Yds. of Pavement Milling - Full Depth	@	Sq. Yd.	\$	2.48	\$5,892.48
43	307.36	"Petrotac" (or equivalent)	@	Sq. Yd.	\$	4.35	\$1,337.02
44	553.49	Pavement Removal	@	Sq. Yd.	\$	2.65	\$1,466.75
45	18,589.00	Crackfilling (per Sq Yd of Pavement Millings)	@	Sq. Yd.	\$	0.50	\$9,294.50
46	18,589.00	Foundation Preparation (per Sq Yd of Pavement Millings)	@	Sq. Yd.	\$	0.12	\$2,230.68
47	211.60	1¼-Inch Dense Aggregate	@	Tons	\$	9.90	\$2,094.84
48		1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$	22.30	\$0.00
49		3-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$	22.30	\$0.00
50	2,093.00	Geotextile Fabric, SAS	@	Sq. Yd.	\$	2.00	\$4,186.00
51	605.00	Shaping and Grading of Roadway Base	@	Lin. Ft.	\$	3.79	\$2,292.95
52		Shaping and Grading of New Sidewalk Base (Patricia Ln)	@	Lin. Ft.	\$	3.00	\$0.00
53		HMA Pavement, Type 3 MT 58-28 H	@	Ton	\$	59.60	\$0.00
54		HMA Pavement, Type 5 MT 58-28 H	@	Ton	\$	59.85	\$0.00
55		HMA Pavement for Patching, Type 3 MT 58-28 H	@	Ton	\$	72.10	\$0.00
56		Sq. Ft. of 4-Inch HMA Driveway Pavement	@	Sq. Ft.	\$	4.50	\$0.00
57		Extra Bags of Cement for High-Early-Strength Concrete	@	Each	\$	25.00	\$0.00
58	0.50	Traffic Control - Madison St.	@	Lump Sum	\$	4,500.00	\$2,250.00
59	0.50	Traffic Control - Patricia Lane	@	Lump Sum	\$	8,500.00	\$4,250.00
60	0.50	Traffic Control - Comanche Lane and Crestwood Dr	@	Lump Sum	\$	6,500.00	\$3,250.00
61		Water Valve Adjustment	@	Each	\$	250.00	\$0.00
62		Adjust Curb Stop Box	@	Each	\$	100.00	\$0.00
63		Topsoil and Sod (Includes Stripping)	@	Sq. Yd.	\$	8.00	\$0.00

64		Silt Fence, Delivered, Installed and Maintained @	Lin. Ft.	\$	4.00	\$0.00
65		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		Pavement Markings, Epoxy, Yellow, 4-Inch @	Lin. Ft.	\$	0.28	\$0.00
68		Pavement Markings, Epoxy, White, 4-Inch @	Lin. Ft.	\$	0.28	\$0.00
69		Pavement Markings, Epoxy, White, 6-Inch @	Lin. Ft.	\$	6.00	\$0.00
70		Pavement Markings, Epoxy, White, 18-Inch @	Lin. Ft.	\$	6.50	\$0.00
71		Pavement Markings, Epoxy, White, Bike Lane Symbol @	Each	\$	140.00	\$0.00
Subtotal						<u>\$471,505.38</u>
Less Retainage						\$23,575.27
Less Sprinkler Repair Retainage						\$1,000.00
Less Water Utility Repair Retainage						<u>\$2,000.00</u>
Subtotal						\$444,930.11
Less amount previously paid						<u>\$142,148.99</u>
Total Amount Due						<u>\$302,781.12</u>

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$302,781.12 be allowed.

Respectfully Submitted,



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