

December 21, 2017

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Pavement No. 4 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	@	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	73.18	Lin. Ft. of Sanitary Lateral Lining (CIPP)	@	Lin. Ft. \$	52.50	\$3,841.95
27	3.00	Additional Length over 25 Ft. from Sewer 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
<b>36</b>	<b>13,612.58</b>	<b>Concrete Walk, Driveway and Drive Approach Removal</b>	<b>@</b>	<b>Sq. Ft.</b>	<b>\$</b>	<b>1.40</b>	<b>\$19,057.61</b>
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	1¼-Inch Dense Aggregate	@	Tons	\$	9.90	\$10,209.77
48	482.41	1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	Tons	\$	22.30	\$10,757.74
<b>49</b>	<b>2,361.64</b>	<b>3-Inch Crushed Stone Backfill (Includes Undercut)</b>	<b>@</b>	<b>Tons</b>	<b>\$</b>	<b>22.30</b>	<b>\$52,664.57</b>
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
<b>54</b>	<b>6,791.46</b>	<b>HMA Pavement, Type 5 MT 58-28 H</b>	<b>@</b>	<b>Ton</b>	<b>\$</b>	<b>59.85</b>	<b>\$406,468.88</b>
<b>55</b>	<b>625.40</b>	<b>HMA Pavement for Patching, Type 3 MT 58-28 H</b>	<b>@</b>	<b>Ton</b>	<b>\$</b>	<b>72.10</b>	<b>\$45,091.34</b>
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
<b>63</b>	<b>2,169.53</b>	<b>Topsoil and Sod (Includes Stripping)</b>	<b>@</b>	<b>Sq. Yd.</b>	<b>\$</b>	<b>8.00</b>	<b>\$17,356.24</b>
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
<b>A</b>	<b>3.00</b>	<b>Remove and Replace Mailboxes and Posts</b>	<b>@</b>	<b>Each</b>	<b>\$</b>	<b>750.00</b>	<b>\$2,250.00</b>
							\$1,390,971.63
Subtotal							\$1,390,971.63
Less Retainage							\$42,107.37
Less Sprinkler Repair Retainage							\$0.00
Less Liquidated damages							\$7,000.00
14 days @ \$500/day							
Less Water Utility Repair Retainage							\$0.00
Subtotal							\$1,341,864.26
Less amount previously paid							\$1,227,626.46
Total Amount Due							\$114,237.80

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$114,237.80 be allowed.

Respectfully Submitted,



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