## February 9, 2017

## TO THE BOARD OF PUBLIC WORKS CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 (Final) to Wolf Paving Co., Inc., 612 N. Sawyer Rd., Oconomowoc, WI 53066 for Resurfacing of Asphalt and Concrete Streets - 2016.

Contract No. 3950 7/5/2016 \$1,017,416.42 (Ameneded \$1,057,378.07)

No	Quantity	Description		Cost	Per Unit	Amount
1	0	Slurry Backfill	@	\$ 55.00	Cu. Yd.	\$0.00
2	9	Storm Sewer Inlet Repair	(a)	\$ 400.01	Each	\$3,600.09
3	3	Storm Sewer Inlet Reconstruction	<u>a</u>	\$ 220.00	Vert. Ft.	\$660.00
4	6	Storm Sewer Manhole Chimney Replacement	@	\$ 660.01	Each	\$3,960.06
5	0	Storm Sewer Manhole Repair	@	\$ 330.01	Vert. Ft.	\$0.00
6	39	Sanitary Manhole Chimney Replacement	@	\$ 1,100.02	Each	\$42,900.78
7	39	Sanitary Manhole Internal Chimney Seals	<u>@</u>	\$ 480.00	Each	\$18,720.00
8	0	Concrete Collar Removal	<u>@</u>	\$ 250.00	Each	\$0.00
9	728	Sawcutting at Pavement Limits	@	\$ 2.00	Lin. Ft.	\$1,456.00
10	8,400	30-Inch Concrete Curb and Gutter Replacement	@	\$ 34.50	Lin. Ft.	\$289,800.00
11	11,010	Concrete Walk and Drive Approach Removal	@	\$ 2.17	Sq. Ft.	\$23,891.70
12	11,255.0	New 4-Inch Concrete Walk and Curb Ramps	<u>@</u>	\$ 3.95	Sq. Ft.	\$44,457.25
13	0	Concrete Pedestrian - Curb	@	\$ 28.50	Lin. Ft.	\$0.00
14	696	Detectable Warning Surface	@	\$ 35.00	Sq. Ft.	\$24,360.00
15	307	New 6-Inch Concrete Walk and Drive Approach	@	\$ 4.50	Sq. Ft.	\$1,381.50
16	28,623.89	Pavement Milling - Asphalt Streets	@	\$ 1.80	Sq. Yd.	\$51,523.00
17	1,155	Mill Concrete Pavement and Curb 2 inch depth- S. Grand	@	\$ 3.21	Sq. Yd.	\$3,707.55
18	1,028	Mill Asphalt Pavement 2 inch depth and Butt Joint-S. Grand	@	\$ 3.21	Sq. Yd.	\$3,299.88
19	10,568	Foundation Preparation of Concrete Street	@	\$ 0.30	Sq.Yd.	\$3,170.40
20	20	HMA Pavement- Concrete Joint and Crack Repair	@	\$ 263.13	Ton	\$5,262.60
21	1,316.55	8-Inch Concrete Pavement Removal and Replacement	@	\$ 61.90	Sq. Yd.	\$81,494.45
22	449	Drilled Tie Bars	@	\$ 3.00	Each	\$1,347.00
23	31,056.89	Crackfilling (per Sq Yd of Pavement Millings)	@.	\$ 0.50	Sq. Yd.	\$15,528.45
24	28,623.89	Foundation Preparation (per Sq Yd of Pavement Millings)	@	\$ 0.18	Sq. Yd.	\$5,152.30

25	499	Petrotac or equivalent	@	\$	7.00	Sq. Yd.	\$3,493.00
26	447.53	Asphalt Pavement Removal	@	\$	4.00	Sq. Yd.	\$1,790.12
27	41.99	11/4-Inch Dense Aggregate	<u>a</u>	\$	12.50	Tons	\$524.88
28	0	11/4-Inch Crushed Stone Backfill (Includes Undercut)	@	\$	21.00	Tons	\$0.00
29	0	3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$	21.00	Tons	\$0.00
30	0	Geotextile Fabric, SAS	@	\$	1.25	Sq. Yd.	\$0.00
31	0	HMA Pavement Type E-3 19.0 mm PG 64-28-S. Grand	@	\$	49.48	Ton	\$0.00
32	1,068	HMA Pavement, 9.5 mm, Type E-3, PG 64-28 S. Grand Overlay	@	\$	53.76	Ton	\$57,400.63
33	3,067.62	HMA Pavement, 9.5 mm, Type E-3, PG 64-28 Asphalt Streets	@	\$	52.81	Tons	\$162,001.01
34	30	HMA Pavement for Patching, Type E-3 19.0 mm PG 64-28	@	\$	71.08	Ton	\$2,132.40
35	9	Concrete Bases Type 5	@	\$	985.02	Each	\$8,865.18
36	1,275.2	Non Metallic Conduit, Street Light, Polyethylene Duct, Black, 2-Inch	@	\$	8.25	Lin. Ft.	\$10,520.40
37	4,389	Lin. Ft. of Electrical Wire, 4 AWG	@	\$	1.32	Lin. Ft.	\$5,793.48
38	1,463	Lin. Ft. of Electrical Wire, 6 AWG	<u>@</u>	\$	1.10	Lin. Ft.	\$1,609.30
39	2	Street Light Pull Boxes, 15 x 30-Inch	@	\$	875.02	Each	\$1,750.04
40	1	Temporary Street Lighting	@	\$	15,000.29	L. S.	\$15,000.29
41	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$	20.00	Each	\$0.00
42	1	Traffic Control -Asphalt Streets	@	\$	12,890.25	L.S.	\$12,890.25
43	1	Traffic Control - S. Grand Ave	<u>@</u>	\$	26,120.51	L.S.	\$26,120.51
44	0	Water Valve Adjustment	<u>@</u>	\$	150.00	Each	\$0.00
45	1,995	Topsoil and Sod (Includes Stripping)	@	\$	12.80	Sq. Yd.	\$25,535.23
46	0	Silt Fence, Delivered, Installed and Maintained	@	\$	5.00	Lin. Ft.	\$0.00
47	0	Straw Bales Delivered, Installed and Maintained	@	\$	20.00	Each	\$0.00
48	36	Filter Fabric Inlet Protection	<u>@</u>	\$	60.00	Each	\$2,160.00
49	201	Pavement Markings, Epoxy, Yellow, 4-Inch	@	\$	3.05	Lin. Ft.	\$613.97
50	918.7	Pavement Markings, Epoxy, White, Preformed Thermoplastic, 6-Inch	@	\$	5.75	Lin Ft.	\$5,282.53
51	168	Pavement Markings, Epoxy, White, Preformed Thermoplastic, 12-Inch	@	\$	6.50	Lin. Ft.	\$1,092.00
52	95	Pavement Markings, Epoxy, White, Preformed Thermoplastic, 18-Inch	@	\$	8.15	Lin. Ft.	\$776.70
53	406.8	CO1 - Directional Boring	@		\$19.50	Lin. Ft.	\$7,932.60
54	1.0	Extra-Remove light base S. Grant	@	•	\$300.00	Each	\$300.00

Subtotal	\$979,257.53
Less Retainage	\$0.00
Less Concrete Cylinder Tests (\$12.50 x 14)	\$189.00
Less Sprinkler System Repair Retainage	\$0.00
Total	\$979,068.53
Less Amount Previously Paid	\$951,638.83
Total Amount Due	\$27,429.70

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$27,429.70 be allowed.

Respectfully Submitted,

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

Robin/Excel/Partials/Resurfacing-3950