TO THE BOARD OF PUBLIC WORKS CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Stark Payment 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	(a)	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	(a)	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
		Saw Core Connection-Patricia Ln Storm				\$700.00
8	1.00	Sewer	@		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	@		\$ 55.00	\$0.00
13		Storm Sewer Inlet Repair	<u>a</u>		\$ 400.00	\$0.00
14		Storm Sewer Inlet Reconstruction	@		\$ 220.00	\$0.00
15		Storm Sewer Manhole Chimney Replacement	@	Each	\$ 650.00	\$0.00
16		Sanitary Manhole Chimney Replacement	<u>@</u>	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		Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP)	@	Lin. Ft.	\$ 21.75	\$0.00
20		Sanitary Sewer Spot Repair	@	Each	\$ 8,000.00	\$0.00
21		Sanitary Lateral Reinstatement	@	Each	\$ 50.00	\$0.00
23		Sanitary Lateral Cleaning and Prelining Video Inspection	@	Each	\$ 262.50	\$0.00
24		Sanitary Lateral Spot Repair	@	Each	\$ 8,000.00	\$0.00
25		Sanitary Lateral Lining (CIPP) within 25 Ft. of Sewer Main	@	Each	\$ 3,150.00	\$0.00
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

·		

Work Miner	20		Sanitary Manhole Bench / Invert / Trough	6	Eoch	ф	400 00	ድስ ስስ
Abandon Sanitary Manhole	29		•	a	Each	Ф	600.00	\$0.00
32 Some State Some State	30		Abandon 15" Sanitary Sewer	a	Lin. Ft.	\$	15.00	\$0.00
33 13.00 Saweutting at Pavement Limits	31		Abandon Sanitary Manhole	(a)	Each	\$	1,800.00	\$0.00
1,314.00	32		Concrete Collar Removal	@	Each	\$	150.00	\$0.00
Removal and Replacement @ Lin. Ft. \$ 22.25 \$0.00	33	13.00	_	@	Lin Ft.	\$	1.80	\$23.40
Lin. Ft. of 30-Inch Concrete Curb and Gutter Concrete Walk, Driveway and Drive Approach (a) Sq. Ft. (b) \$1.40 \$11,181.80 Removal	34	1,314.00		@	Lin. Ft.	\$	30.80	\$40,471.20
36 7,987.00 Concrete Walk, Driveway and Drive Approach Removal @ Sq. Ft. \$ 1.40 \$11,181.80 37 New 4-Inch Concrete Walk and Curb Ramps @ Sq. Ft. \$ 5.45 \$0.00 38 New 6-Inch Concrete Walk and Curb Ramps @ Sq. Ft. \$ 6.00 \$0.00 39 Concrete Pedestrian - Curb @ Lin. Ft. \$ 20.00 \$0.00 40 Detectable Warning Surface @ Sq. Yd. \$ 1.60 \$0.00 41 Sq. Yds. of Pavement Millings - Asphalt @ Sq. Yd. \$ 1.60 \$0.00 42 Sq. Yds. of Pavement Millings - Full Depth @ Sq. Yd. \$ 2.48 \$0.00 43 "Petrotac" (or equivalent) @ Sq. Yd. \$ 2.48 \$0.00 44 Pavement Removal @ Sq. Yd. \$ 2.65 \$0.00 45 Crackfilling (per Sq Yd of Pavement Millings) @ Sq. Yd. \$ 0.50 \$0.00 47 Pavement Millings @ Toms \$ 9.90 \$899.12 48 1½-Inch Dense Aggregate @ Toms \$ 22.30 \$0.00 49 1½-Inch Dens	35			@	Lin. Ft.	\$	22.25	\$0.00
New 6-Inch Concrete Walk and Curb Ramps @ Sq. Ft. \$ 6.00 \$0.00	36	7,987.00	Concrete Walk, Driveway and Drive Approach	@	Sq. Ft.	\$	1.40	\$11,181.80
Section Sec	37		New 4-Inch Concrete Walk and Curb Ramps	(a)	Sq. Ft.	\$	5.45	\$0.00
Detectable Warning Surface @ Sq. Ft. \$ 32.00 \$0.00	38			@	Sq. Ft.	\$	6.00	\$0.00
41 Sq. Yds. of Pavement Millings - Asphalt Streets @ Sq. Yd. \$ 1.60 \$ 30.00 42 Sq. Yds. of Pavement Milling - Full Depth @ Sq. Yd. \$ 2.48 \$ 90.00 43 "Petrotac" (or equivalent) @ Sq. Yd. \$ 2.48 \$ 90.00 44 Pavement Removal @ Sq. Yd. \$ 2.65 \$ 90.00 45 Crackfilling (per Sq Yd of Pavement Millings) @ Sq. Yd. \$ 0.50 \$ 0.00 46 Foundation Preparation (per Sq Yd of Pavement Millings) @ Sq. Yd. \$ 0.12 \$ 0.00 47 90.82 1¼-Inch Dense Aggregate @ Tons \$ 9.90 \$ 8899.12 48 1½-Inch Crushed Stone Backfill (Includes @ Tons \$ 22.30 \$ 0.00 Undercut) 3-Inch Crushed Stone Backfill (Includes @ Sq. Yd. \$ 22.30 \$ 0.00 50 Geotextile Fabric, SAS @ Sq. Yd. \$ 22.30 \$ 0.00 51 Shaping and Grading of New Sidewalk Base @ Lin. Ft. \$ 3.79 \$ 0.00 52 Shaping and Grading of New Sidewalk Base @ Lin. Ft. \$ 3.00 \$ 0.00 54 HMA Pavement, Type 3 MT 58-28 H @ Ton \$ 59.60 \$ 0.00 <t< td=""><td>39</td><td></td><td>Concrete Pedestrian - Curb</td><td>@</td><td>Lin. Ft.</td><td>\$</td><td>20.00</td><td>\$0.00</td></t<>	39		Concrete Pedestrian - Curb	@	Lin. Ft.	\$	20.00	\$0.00
Streets Streets Streets Sq. Yds. of Pavement Milling - Full Depth @ Sq. Yd. \$ 2.48 \$0.00	40		Detectable Warning Surface	@	Sq. Ft.	\$	32.00	\$0.00
Best	41		· · · · · · · · · · · · · · · · · · ·	@	Sq. Yd.	\$	1.60	\$0.00
43 "Petrotac" (or equivalent) @ Sq. Yd. \$ 4.35 \$0.00 44 Pavement Removal @ Sq. Yd. \$ 2.65 \$0.00 45 Crackfilling (per Sq Yd of Pavement Millings) @ Sq. Yd. \$ 0.50 \$0.00 46 Foundation Preparation (per Sq Yd of Pavement Millings) @ Sq. Yd. \$ 0.12 \$0.00 47 90.82 11/4-Inch Dense Aggregate @ Tons \$ 9.90 \$899.12 48 11/4-Inch Crushed Stone Backfill (Includes Undercut) @ Tons \$ 22.30 \$0.00 49 3-Inch Crushed Stone Backfill (Includes Undercut) @ Sq. Yd. \$ 2.00 \$0.00 50 Geotextile Fabric, SAS @ Sq. Yd. \$ 2.00 \$0.00 51 Shaping and Grading of Roadway Base @ Lin. Ft. \$ 3.79 \$0.00 52 Shaping and Grading of New Sidewalk Base @ 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	42		Sq. Yds. of Pavement Milling - Full Depth	@	Sq. Yd.	\$	2.48	\$0.00
Crackfilling (per Sq Yd of Pavement Millings)	43			(a)	Sq. Yd.	\$	4.35	\$0.00
Foundation Preparation (per Sq Yd of Pavement Millings) Foundation Pavement Millings Foundati	44		Pavement Removal	(a)	Sq. Yd.	\$	2.65	\$0.00
Foundation Preparation (per Sq Yd of Pavement Millings) Sq. Yd. Sq. Yd. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Yd. Sq. Yd. Sq	45		Crackfilling (per Sq Yd of Pavement Millings)	@	Sq. Yd.	\$	0.50	\$0.00
11/4-Inch Crushed Stone Backfill (Includes Undercut) 3-Inch Crushe	46		Foundation Preparation (per Sq Yd of	@	Sq. Yd.	\$	0.12	\$0.00
Undercut) 3-Inch Crushed Stone Backfill (Includes	47	90.82	11/4-Inch Dense Aggregate	@	Tons	\$	9.90	\$899.12
3-Inch Crushed Stone Backfill (Includes Undercut) 22.30 \$0.00	48			@	Tons	\$	22.30	\$0.00
50 Geotextile Fabric, SAS @ Sq. Yd. \$ 2.00 \$0.00 51 Shaping and Grading of Roadway Base @ Lin. Ft. \$ 3.79 \$0.00 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 <	49		3-Inch Crushed Stone Backfill (Includes	@	Tons	\$	22.30	\$0.00
51 Shaping and Grading of Roadway Base @ Lin. Ft. \$ 3.79 \$0.00 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 \$3,250.00 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	50		· · · · · · · · · · · · · · · · · · ·	(a)	Sq. Yd.	\$	2.00	\$0.00
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	51		Shaping and Grading of Roadway Base	_	_	\$	3.79	\$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 28 H @ 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	52		- · ·	-		\$	3.00	\$0.00
55 HMA Pavement for Patching, Type 3 MT 58- 28 H @ Ton Sq. Ft. 72.10 \$0.00 56 Sq. Ft. of 4-Inch HMA Driveway Pavement Extra Bags of Cement for High-Early-Strength Concrete @ Sq. Ft. 4.50 \$0.00 57 Extra Bags of Cement for High-Early-Strength Concrete @ Lump Sum	53		HMA Pavement, Type 3 MT 58-28 H	@	Ton	\$	59.60	\$0.00
28 H 56 Sq. Ft. of 4-Inch HMA Driveway Pavement @ Sq. Ft. \$ 4.50 \$0.00 57 Extra Bags of Cement for High-Early-Strength @ Each \$ 25.00 \$0.00 Concrete 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 @ Lump Sum \$ 6,500.00 \$3,250.00 Crestwood Dr 61 Water Valve Adjustment @ Each \$ 250.00 \$0.00 62 Adjust Curb Stop Box @ Each \$ 100.00 \$0.00	54		HMA Pavement, Type 5 MT 58-28 H	<u>@</u>	Ton	\$	59.85	\$0.00
57 Extra Bags of Cement for High-Early-Strength Concrete @ Each S 25.00 \$0.00 58 0.50 Traffic Control - Madison St. @ Lump Sum Sum S 4,500.00 \$2,250.00 59 0.50 Traffic Control - Patricia Lane @ Lump Sum Sum S 8,500.00 \$4,250.00 60 0.50 Traffic Control - Comanche Lane and Crestwood Dr @ Lump Sum	55		- · · · ·	@	Ton	\$	72.10	\$0.00
Concrete 58 0.50 Traffic Control - Madison St.	56		Sq. Ft. of 4-Inch HMA Driveway Pavement	<u>@</u>	Sq. Ft.	\$	4.50	\$0.00
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	57			@	Each	\$	25.00	\$0.00
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	58	0.50	Traffic Control - Madison St.	@	Lump Sum	\$	4,500.00	\$2,250.00
Crestwood Dr 61 Water Valve Adjustment @ Each \$ 250.00 \$0.00 62 Adjust Curb Stop Box @ Each \$ 100.00 \$0.00	59	0.50	Traffic Control -Patricia Lane	@	Lump Sum	\$	8,500.00	\$4,250.00
62 Adjust Curb Stop Box @ Each \$ 100.00 \$0.00	60	0.50		@	Lump Sum	\$	6,500.00	\$3,250.00
	61		Water Valve Adjustment	@	Each	\$	250.00	\$0.00
Topsoil and Sod (Includes Stripping) @ Sq. Yd. \$ 8.00 \$0.00	62		Adjust Curb Stop Box	@	Each	\$	100.00	\$0.00
	63		Topsoil and Sod (Includes Stripping)	@	Sq. Yd.	\$	8.00	\$0.00

		<i>*</i>	

64		Silt Fence, Delivered, Installed and Maintained	@	Lin. Ft.	\$	4.00	\$0.00
65		Straw Bales Delivered, Installed and	@	Each	\$	20.00	\$0.00
		Maintained					
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	@	Each	\$	140.00	\$0.00
		Symbol				_	
Subtotal						\$149,630.52	
Less Retainage					\$7,481.53		
		Total Amount Due				•	\$142,148.99

This estimate has been checked by the Engineering Department and we recommend that the above amount of

\$142,148.99 be allowed.

Respectfully Submitted,

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

Robin/Excel/Partials/Stark