

February 9, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 to American Sewer Services, Inc., N2768 County Rd P, Rubicon, WI 53078 for N. Greenfield Avenue Utility and Street Improvements - **Concrete**.

Contract No. 3946

5/3/2016


\$ 1,087,774.50

No	Quantity	Description	Cost	Per Unit	Amount
1	1	Traffic Control	@ \$ 500.00	L.S.	\$500.00
2	1,433	Furnish and Install 8-Inch Water Main and Fittings	@ \$ 87.00	Lin. Ft.	\$124,671.00
3	3	Furnish and Install 8-Inch Gate Valves and	@ \$ 2,165.00	Each	\$6,495.00
4	4	Furnish and Install Hydrant Assembly	@ \$ 7,950.00	Each	\$31,800.00
5	7	Connect 1-Inch Service Lateral (SL1)	@ \$ 940.00	Each	\$6,580.00
6	10	Connect 1-Inch Service Lateral (SL2)	@ \$ 2,050.00	Each	\$20,500.00
7	14	Connect Service Lateral (SL3)	@ \$ 2,275.00	Each	\$31,850.00
8	9	Connect Service Lateral (SL4)	@ \$ 3,090.00	Each	\$27,810.00
9	1	Connect Service Lateral (SL5)	@ \$ 3,838.00	Each	\$3,838.00
10	1	Connect Service Lateral (SL6)	@ \$ 2,150.00	Each	\$2,150.00
11	0	Furnish and Install Curb Boxes and Rods	@ \$ 1,000.00	Each	\$0.00
12	0	Furnish and Install Curb Stop Where Needed	@ \$ 500.00	Each	\$0.00
13	3	Abandon Existing Hydrant	@ \$ 650.00	Each	\$1,950.00
14	1	Abandon Valve Boxes and Manholes	@ \$ 7,200.00	L.S.	\$7,200.00
15	0	Slurry Backfill	@ \$ 75.00	Cu. Yd.	\$0.00
16	1,419.0	8-Inch Sanitary Sewer	@ \$ 106.00	Lin. Ft.	\$150,414.00
17	46.2	48-Inch Diameter Sanitary Sewer Manhole	@ \$ 340.00	Vert Ft	\$15,708.00
18	815	6-Inch Sanitary Lateral Replacement (Open Cut)	@ \$ 95.00	Lin. Ft.	\$77,425.00
19	318	6-Inch Sanitary Lateral Replacement (Pipe Bursting)	@ \$ 110.00	Lin. Ft.	\$34,980.00
20	10	Excavation and Lateral Connection at Right-of-Way (Pipe Bursting)	@ \$ 800.00	Each	\$8,000.00
21	0	Sanitary Manhole Internal Chimney Seal	@ \$ 550.00	Each	\$0.00
22	1,403.9	Pre-Paving Sanitary Sewer Main Line	@ \$ 1.70	Lin. Ft.	\$2,386.63
23	41	Pre-Paving Sanitary Sewer Lateral Televising	@ \$ 240.00	Each	\$9,840.00
24	0	Storm Sewer Inlet Repair	@ \$ 850.00	Vert. Ft.	\$0.00
25	0	Sawcutting at Pavement Limits	@ \$ 5.00	Lin. Ft.	\$0.00
26	2,703.9	Concrete Curb and Gutter Removal	@ \$ 2.15	Lin. Ft.	\$5,813.39
27	4,200	Pavement Removal	@ \$ 6.00	Sq. Yd.	\$25,200.00
28	13,587.3	Sidewalk and Drive Approach Removal	@ \$ 0.55	Sq. Ft.	\$7,473.02
29	3,400.00	1¼-Inch Dense Aggregate	@ \$ 15.00	Tons	\$51,000.00
30	979.96	1¼-Inch Crushed Stone Backfill (Includes	@ \$ 19.00	Tons	\$18,619.24

31	19.8	3-Inch Crushed Stone Backfill (Includes	@	\$	19.00	Tons	\$376.20
32	1,424.3	Shaping and Grading of Roadway Base	@	\$	5.40	Lin. Ft.	\$7,691.22
33	3,452.2	Geotextile Fabric, SAS	@	\$	1.60	Sq. Yd.	\$5,523.52
34	0	Concrete Curb and Gutter Replacement	@	\$	37.60	Lin. Ft.	\$0.00
35	2,593.0	30-Inch Concrete Curb and Gutter	@	\$	16.00	Lin. Ft.	\$41,488.00
36	8,031.4	New 4-Inch Concrete Sidewalk and Curb	@	\$	3.80	Sq. Ft.	\$30,519.32
37	6,324.6	New 6-Inch Concrete Sidewalk and Drive	@	\$	5.40	Sq. Ft.	\$34,152.84
38	651.8	New 7-Inch Concrete Sidewalk and Drive	@	\$	6.50	Sq. Ft.	\$4,236.70
39	0	4-Inch HMA Driveway	@	\$	16.00	Sq. Ft.	\$0.00
40	64	Detectable Warning Surface	@	\$	37.60	Sq. Ft.	\$2,406.40
41	0	Concrete Pedestrian - Curb	@	\$	30.00	Lin. Ft.	\$0.00
42	4,141	8-Inch Non-Reinforced Concrete Pavement	@	\$	33.70	Sq. Yd.	\$139,555.07
43	0	HMA Pavement, 19.0 mm, Type E-0.3, PG 64-28	@	\$	-	Tons	\$0.00
44	0	HMA Pavement, 9.5 mm, Type E-0.3, PG 64-28	@	\$	-	Tons	\$0.00
45	561.2	Concrete Pavement Patching	@	\$	52.00	Sq. Yd.	\$29,182.40
46	70.6	5-Inch HMA Blend	@	\$	83.00	Sq. Yd.	\$5,859.80
47	2,575.9	Topsoil and Sod (Includes Stripping)	@	\$	8.00	Sq. Yd.	\$20,607.20
48	0	Silt Fence, Delivered, Installed and	@	\$	5.40	Lin. Ft.	\$0.00
49	6	Straw Bales Delivered, Installed and	@	\$	21.50	Each	\$129.00
50	2	Filter Fabric Inlet Protection	@	\$	65.00	Each	\$130.00
51	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$	11.00	Each	\$0.00
							\$994,060.95
							\$25,000.00
							\$969,060.95
		Less 20 Concrete Cylinders @ \$13.50 per Cylinder					\$324.00
							\$968,736.95
		Less Liquidated Damages (16 Days at \$500/Day)					\$8,000.00
							\$960,736.95
		Less Amount Previously Paid					\$914,974.94
							\$45,762.01

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$45,762.01 be allowed.

Respectfully Submitted,


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