

September 8, 2016

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 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	0.5	Traffic Control	@	\$ 500.00	L.S.	\$250.00
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	1,200	8-Inch Sanitary Sewer	@	\$ 106.00	Lin. Ft.	\$127,200.00
17	27	48-Inch Diameter Sanitary Sewer Manhole	@	\$ 340.00	Vert Ft	\$9,180.00
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	0	Pre-Paving Sanitary Sewer Main Line	@	\$ 1.70	Lin. Ft.	\$0.00
23	0	Pre-Paving Sanitary Sewer Lateral Televising	@	\$ 240.00	Each	\$0.00
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	2,800	Concrete Curb and Gutter Removal	@	\$ 2.15	Lin. Ft.	\$6,020.00
27	4,200	Pavement Removal	@	\$ 6.00	Sq. Yd.	\$25,200.00

28	5,000	Sidewalk and Drive Approach Removal	@	\$	0.55	Sq. Ft.	\$2,750.00
29	0	1¼-Inch Dense Aggregate	@	\$	15.00	Tons	\$0.00
30	0	1¼-Inch Crushed Stone Backfill (Includes	@	\$	19.00	Tons	\$0.00
31	0	3-Inch Crushed Stone Backfill (Includes	@	\$	19.00	Tons	\$0.00
32	0	Shaping and Grading of Roadway Base	@	\$	5.40	Lin. Ft.	\$0.00
33	0	Geotextile Fabric, SAS	@	\$	1.60	Sq. Yd.	\$0.00
34	0	Concrete Curb and Gutter Replacement	@	\$	37.60	Lin. Ft.	\$0.00
35	2,700	30-Inch Concrete Curb and Gutter	@	\$	16.00	Lin. Ft.	\$43,200.00
36	3,000	New 4-Inch Concrete Sidewalk and Curb	@	\$	3.80	Sq. Ft.	\$11,400.00
37	50	New 6-Inch Concrete Sidewalk and Drive	@	\$	5.40	Sq. Ft.	\$270.00
38	0	New 7-Inch Concrete Sidewalk and Drive	@	\$	6.50	Sq. Ft.	\$0.00
39	0	4-Inch HMA Driveway	@	\$	16.00	Sq. Ft.	\$0.00
40	0	Detectable Warning Surface	@	\$	37.60	Sq. Ft.	\$0.00
41	0	Concrete Pedestrian - Curb	@	\$	30.00	Lin. Ft.	\$0.00
42	0	8-Inch Non-Reinforced Concrete Pavement	@	\$	33.70	Sq. Yd.	\$0.00
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	0	Concrete Pavement Patching	@	\$	52.00	Sq. Yd.	\$0.00
46	0	5-Inch HMA Blend	@	\$	83.00	Sq. Yd.	\$0.00
47	0	Topsoil and Sod (Includes Stripping)	@	\$	8.00	Sq. Yd.	\$0.00
48	0	Silt Fence, Delivered, Installed and Maintained	@	\$	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
Subtotal							<u>\$610,978.00</u>
Less Retainage							<u>\$27,194.36</u>
Subtotal							<u>\$583,783.64</u>
Less Amount Previously Paid							<u>\$454,164.60</u>
Total Amount Due							<u>\$129,619.04</u>

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$129,619.64 be allowed.

Respectfully Submitted,


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