

April 7, 2016

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 (Final) to Advance Construction, Inc., 2141 Woodale Ave., Green Bay, WI 54313 for
Maple Avenue Utility and Street Improvements - "B" Concrete Pavement.

Contract No. 3903

4/9/2015

\$ 1,756,731.50

Item No	Quantity	Description	Cost	Per Unit	Amount
1	2,766	Lin. Ft. of Furnish and Install 8-Inch Water Main and Fittings @	\$91.00	Lin. Ft.	\$251,706.00
2	23	Lin. Ft. of Furnish and Install 12-Inch Water Main and Fittings @	\$260.00	Lin. Ft.	\$5,980.00
3	140	Lin. Ft. of Furnish and Install 18-Inch Steel Casing (Jack & Bore) @	\$565.00	Lin. Ft.	\$79,100.00
4	15	Furnish and Install 8-Inch Gate Valve & Box @	\$1,515.00	Each	\$22,725.00
5	1	Furnish and Install 12-Inch Gate Valve & Box @	\$2,635.00	Each	\$2,635.00
6	7	Furnish and Install Hydrant Assembly @	\$4,045.00	Each	\$28,315.00
7	4	Connect 1-Inch Service Lateral (SL1) @	\$800.00	Each	\$3,200.00
8	17	Connect 1-Inch Service Lateral (SL2) @	\$1,100.00	Each	\$18,700.00
9	1	Connect 1-Inch Service Lateral (SL3) @	\$1,340.00	Each	\$1,340.00
10	1	Connect 1 1/4-Inch Service Lateral (SL4) @	\$830.00	Each	\$830.00
11	2	Connect 1 1/4-Inch Service Lateral (SL5) @	\$1,440.00	Each	\$2,880.00
12	4	Connect 2-Inch Service Lateral (SL6) @	\$2,000.00	Each	\$8,000.00
13	2	Connect 6-Inch Service Lateral (SL7) @	\$3,600.00	Each	\$7,200.00
14	1	Connect 8-Inch Service Lateral (SL8) @	\$4,850.00	Each	\$4,850.00
15	1	Connect 1-Inch Service Lateral (SL9) @	\$2,550.00	Each	\$2,550.00
16	1	Connect 1-Inch Service Lateral (SL10) @	\$3,500.00	Each	\$3,500.00
17	9	Furnish and Install Curb Box & Rod (if needed) @	\$800.00	Each	\$7,200.00
18	0	Furnish and Install Curb Stop (if needed) @	\$550.00	Each	\$0.00
19	7	Abandon Existing Hydrant @	\$700.00	Each	\$4,900.00
20	1	Abandon Valve Boxes & Manholes @	\$5,000.00	Lump Sum	\$5,000.00
21	1,112	Lin. Ft. of 8-Inch Sanitary Sewer @	\$118.00	Lin. Ft.	\$131,216.00
22	94	Lin. Ft. of 15-Inch Sanitary Sewer Lining (CIPP) @	\$88.75	Lin. Ft.	\$8,342.50
23	49.6	Vert. Ft. of 48-Inch Diameter Sanitary Sewer Manhole @	\$225.00	Vert. Ft.	\$11,160.00
24	24.2	Vert. Ft. of 48-Inch Diameter Sanitary Sewer Manhole with Outside Drop @	\$255.00	Vert. Ft.	\$6,171.00
25	15	Sanitary Manhole Chimney Seals @	\$300.00	Each	\$4,500.00
26	824	Lin. Ft. of 42 - 6-Inch Sanitary Lateral Replacement (Open Cut) @	\$90.00	Lin. Ft.	\$74,160.00
27	32.2	Vert. Ft. of 6-Inch PVC Sanitary Lateral Riser @	\$90.00	Vert. Ft.	\$2,898.00
28	1	127 Maple Ave. Lateral Installation @	\$9,000.00	Lump Sum	\$9,000.00
29	7	Sanitary Lateral Abandonments @	\$150.00	Each	\$1,050.00
30	1	Abandoning Sewers & Manholes Along Railroad @	\$22,000.00	Lump Sum	\$22,000.00
31	4,753.1	Lin. Ft. of Pre-Paving Main Line Sewer Televising @	\$1.65	Lin. Ft.	\$7,842.62
32	42	Pre-Paving Lateral Sewer Televising @	\$245.00	Each	\$10,290.00
33	280	Lin. Ft. of 30-Inch Storm Sewer Lining (CIPP) @	\$127.25	Lin. Ft.	\$35,630.00
34	234	Lin. Ft. of 21-Inch Storm Sewer Lining (CIPP) @	\$76.00	Lin. Ft.	\$17,784.00
35	763	Lin Ft. of 12-Inch Storm Sewer Lining (CIPP) @	\$25.75	Lin. Ft.	\$19,647.25
36	59	Lin. Ft. of 18-Inch Storm Sewer (RCSP) @	\$85.00	Lin. Ft.	\$5,015.00
37	268.5	Lin. Ft. of 15-Inch Storm Sewer (RCSP) @	\$72.00	Lin. Ft.	\$19,332.00

38	566.70	Lin. Ft. of 12-Inch Storm Sewer (RCSP)	@	\$70.00	Lin. Ft.	\$39,669.00
39	79.5	Lin. Ft. of 12-Inch Storm Sewer (PVC)	@	\$68.00	Lin. Ft.	\$5,406.00
40	1	Convert Manhole to Storm Inlet	@	\$1,100.00	Each	\$1,100.00
41	144.34	Vert. Ft. of Standard Storm Inlets	@	\$235.00	Vert. Ft.	\$33,919.90
42	55.68	Vert. Ft. of Standard Storm Manhole	@	\$400.00	Vert. Ft.	\$22,272.00
43	2.5	Vert. Ft. of Storm Inlet Repair	@	\$400.00	Vert. Ft.	\$1,000.00
44	3.7	Vert. Ft. of Storm Manhole Repair	@	\$600.00	Vert. Ft.	\$2,220.00
45	1	Fill 15-Inch Storm Sewer	@	\$1,000.00	Each	\$1,000.00
46	11	Chimney Replacement	@	\$800.00	Each	\$8,800.00
47	0	Cu. Yds. of Slurry Backfill	@	\$100.00	Cu. Yd.	\$0.00
48	2,329	Lin. Ft. of Concrete Curb and Gutter Removal	@	\$5.00	Lin. Ft.	\$11,645.00
49	3,002.2	Sq. Yds. of Pavement Removal - Reconstruction Areas	@	\$5.00	Sq. Yd.	\$15,011.00
50	4,808.6	Sq. Yds. of Pavement Removal - Rehabilitation Areas	@	\$5.00	Sq. Yd.	\$24,043.00
51	190	Lin. Ft. of Sawcutting at Pavement Limits	@	\$2.00	Lin. Ft.	\$380.00
52	2,500	Tons of 1¼-Inch Dense Aggregate	@	\$11.50	Ton	\$28,750.00
53	225	Tons of 1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	\$17.00	Ton	\$3,825.00
54	497.47	Tons of 3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$17.00	Ton	\$8,456.99
55	923.2	Sq. Yds. of Geotextile Fabric, Type SAS	@	\$2.40	Sq. Yd.	\$2,215.68
56	1	Traffic Control	@	\$42,463.00	Lump Sum	\$42,463.00
57	2,300	Lin. Ft. of Shaping and Grading Roadway Base	@	\$13.00	Lin. Ft.	\$29,900.00
58	24,794.1	Sq. Ft. of Walk and Approach Removal	@	\$1.00	Sq. Ft.	\$24,794.10
59	2,293	Lin. Ft. of Non Metallic Conduit, Street Light, Polyethylene Duct. 2-Inch	@	\$5.15	Lin. Ft.	\$11,808.95
60	2,400	Lin. Ft. of Non Metallic Conduit, Street Light, Polyethylene Duct. 3-Inch	@	\$6.00	Lin. Ft.	\$14,400.00
61	1	Directional Bore One 2-Inch Rigid Steel Conduit Below Railroad Tracks (1 Crossing Approx. 160 Lin. Ft.)	@	\$3,150.00	Lump Sum	\$3,150.00
62	1	Directional Bore One 3-Inch Rigid Steel Conduit Below Railroad Tracks (1 Crossing Approx. 160 Lin. Ft.)	@	\$3,770.00	Lump Sum	\$3,770.00
63	13	Street Light Pull Boxes, 15-Inch x 30-Inch	@	\$460.00	Each	\$5,980.00
64	0	Communications Pull Boxes, 24-Inch x 36-Inch	@	\$700.00	Each	\$0.00
65	12	Concrete Bases, Type 5	@	\$710.00	Each	\$8,520.00
66	8	Concrete Bases, Post Top	@	\$500.00	Each	\$4,000.00
67	2,540	Lin. Ft. of Electrical Wire 10 AWG	@	\$0.76	Lin. Ft.	\$1,930.40
68	10,352	Lin. Ft. of Electrical Wire 6 AWG	@	\$1.02	Lin. Ft.	\$10,559.04
69	0	Lin. Ft. of Electrical Wire 2 AWG	@	\$2.00	Lin. Ft.	\$0.00
70	1	Control Cabinet	@	\$9,500.00	Each	\$9,500.00
71	2,216.5	Lin. Ft. of 30-Inch Combination Concrete Curb and Gutter	@	\$15.50	Lin. Ft.	\$34,355.75
72	40.5	Lin. Ft. of Concrete Curb-Pedestrian	@	\$32.00	Lin. Ft.	\$1,296.00
73	1,497	Lin. Ft. of Concrete Curb and Gutter Removal and Replacement	@	\$38.00	Lin. Ft.	\$56,886.00
74	16,338	Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps	@	\$3.30	Sq. Ft.	\$53,915.40
75	4,492	Sq. Ft. of New 6-Inch Concrete Walk and Drive Approach	@	\$4.15	Sq. Ft.	\$18,641.80
76	273	Sq. Ft. of New 7-Inch Concrete Walk and Drive Approach	@	\$4.50	Sq. Ft.	\$1,228.50
77	40	Lin. Ft. of Concrete Steps	@	\$32.00	Lin. Ft.	\$1,280.00
78	404.97	Sq. Ft. of Detectable Warning Field	@	\$32.00	Sq. Ft.	\$12,959.04
79	790.07	Tons of HMA Pavement, 19.0 mm, Type E-1, PG 64-28	@	\$61.05	Ton	\$48,233.77

80	754.40	Tons of HMA Pavement, 9.5 mm, Type E-1, PG 64-28 @	\$78.80	Ton	\$59,446.72
81	2,800	Sq. Yds. of 8-Inch Concrete Pavement @	\$31.50	Sq. Yd.	\$88,200.00
82	2,663	Sq. Ft. of 4-Inch HMA Pavement @	\$4.00	Sq. Ft.	\$10,652.00
83	409.4	Sq. Ft. of 5-Inch HMA Pavement Patching @	\$18.00	Sq. Ft.	\$7,369.20
84	610	Lin. Ft. of Grooved in Place Pavement Markings, Yellow, Preformed Plastic, 4-Inch @	\$4.15	Lin. Ft.	\$2,531.50
85	1,220	Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 6-Inch @	\$16.00	Lin. Ft.	\$19,520.00
86	650	Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 12-Inch @	\$17.95	Lin. Ft.	\$11,667.50
87	140	Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 18-Inch @	\$22.55	Lin. Ft.	\$3,157.00
88	4	Grooved in Place Pavement Markings, Railroad Crossings, White, Preformed plastic @	\$1,700.00	Each	\$6,800.00
89	1,680	Sq. Yds. of Topsoil and Sod (Includes Stripping) @	\$9.90	Sq. Yd.	\$16,632.00
90	0	Lin. Ft. of Silt Fence, Delivered, Installed and Maintained @	\$5.00	Lin. Ft.	\$0.00
91	0	Straw Bales Delivered, Installed and Maintained @	\$16.00	Each	\$0.00
92	10	Filter Fabric Inlet Protection @	\$50.00	Each	\$500.00
93	0	Extra Bags of Cement for High-Early-Strength Concrete @	\$12.00	Each	\$0.00
Extra No. 1	11	Polymer Concrete Hand Holes, 24"X 36" @	\$1,037.72	Each	\$11,414.92
Extra No. 2	1	Railroad Flagging @	\$4,800.00	Lin. Ft.	\$4,800.00
Extra No. 3	12.28	60-Inch Diameter MH Upsize @	\$200.00	Vert. Ft.	\$2,456.00
Extra No. 4	1	Sanitary Manhole Cone @ 0+70 @	\$225.00	Lump Sum	\$225.00
Extra No. 5	1	Sanitary Manhole Cone @ 2+00 @	\$2,890.97	Lump Sum	\$2,890.97
Extra No. 6	1	Mobilization - Concrete @	\$1,800.00	Lump Sum	\$1,800.00
Extra No. 7	1	Storm Structure @	\$545.66	Lump Sum	\$545.66
Extra No. 8	1	Mobilization - Storm Sewer @	\$1,500.00	Lump Sum	\$1,500.00
Total					\$1,708,043.16
Less Retainage					\$0.00
Less 19 Concrete Tests @ #13.50/Each					\$256.50
Total					\$1,707,786.66
Less Amount Previously Paid					\$1,685,756.55
Total Amount Due					\$22,030.11

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$22,030.11 be allowed.

Respectfully Submitted,



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