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

Periodical estimate for Partial Payment No. 9 (Final) to Advance Construction, Inc., 2141 Woodale Ave., Green Bay, WI 54313 for Clinton Street Utility and Street Improvements.

Contract No. 3850 2/4/2014 \$ 1,554,192.25

Item No	Quantity	Description		Cost	Per Unit	Amount
1	154	24-Inch Ductile Iron Water Main and Fittings	@	\$413.00	Lin. Ft.	\$63,602.00
2	185	16-Inch Ductile Iron Water Main and Fittings	@	\$314.00	Lin. Ft.	\$58,090.00
3	660	12-Inch Water Main and Fittings	@	\$155.00	Lin. Ft,	\$102,300.00
4	185	12-Inch Water Main and Fittings, Station 14+65 to 16+72	@	\$210,00	Lin. Ft.	\$38,850.00
5	1	Furnish and Install 24-Inch Butterfly Valves	@	\$5,190.00	Each	\$5,190.00
6	2	Furnish and Install 16-Inch Butterfly Valves	@	\$2,630.00	Each	\$5,260.00
7	4	Furnish and Install 12-Inch Butterfly Valves	@	\$1,500.00	Each	\$6,000.00
8	3	Furnish and Install Hydrant Assembly	@	\$7,320.00	Each	\$21,960.00
9	4	Connect Copper Service Lateral (SL1)	@	\$3,300.00	Each	\$13,200.00
10	4	Connect 1-Inch Copper Service Lateral (SL2)	@	\$1,970.00	Each	\$7,880.00
11	1	Connect 1¼-Inch Copper Service Lateral (SL3)	@	\$3,500.00	Each	\$3,500.00
12	4	Connect 1 ½-Inch Copper Service Lateral (SL4)	@	\$3,600.00	Each	\$14,400.00
13	2	Connect 2-Inch Service Lateral (SL5)	@	\$3,700.00	Each	\$7,400.00
14	1	Connect 6-Inch Service Lateral (SL6)	@	\$6,284.00	Each	\$6,284.00
15	1	Meter Pit Abandonment	@	\$2,000.00	Each	\$2,000.00
16	3	Abandon Existing Hydrants	@	\$600.00	Each	\$1,800.00
17	1.0	Abandon Valve Boxes & Manholes (50%)	@	\$3,000.00	Lump Sum	\$3,000.00
18	751.2	8-Inch Sanitary Sewer (PVC)	@	\$130.00	Lin, Ft.	\$97,656.00
19	79.9	15-Inch Sanitary Sewer (PVC)	@	\$220.00	Lin, Ft,	\$17,578.00
20	62.08	5- 48" Diameter Manhole	@	\$305.00	Vert. Ft.	\$18,934.40
21	434	17 - 6" Sanitary Laterals (PVC)	@	\$180.00	Lin. Ft.	\$78,120.00
22	54.4	12-Inch Storm Sewer (RCSP)	@	\$117.00	Lin. Ft.	\$6,364.80
23	3	Convert Manhole to Storm Inlet	@	\$1,500.00	Each	\$4,500.00
24	29.5	6 Standard Storm Inlets	@	\$330.00	Vert. Ft.	\$9,735.00
25	11.8	Chimney Replacement	@	\$900.00	Vert. Ft.	\$10,620.00
26	7.25	Storm Inlet Repair	@	\$800.00	Vert. Ft.	\$5,800.00
27	1,820	Main Line Sewer Televising	@	\$1.75	Lin. Ft.	\$3,185.00
28	31	Lateral Televising	@	\$295.00	Each	\$9,145.00
29	0	Slurry Backfill	@	\$110.00	Cu. Yd.	\$0.00
30	194	Clearing and Grubbing	@	\$25.00	Inch Dia.	\$4,850.00
31	2,323.9	Concrete Curb and Gutter Removal	@	\$5.00	Lin. Ft.	\$11,619.50
32	4,581	Pavement Removal	@	\$5.50	Sq. Yd.	\$25,195.50
33	458.1	Sawcutting at Pavement Limits	<u>@</u>	\$2.50	Lin. Ft.	\$1,145.25
34	3,079.15	11/4-Inch Dense Aggregate	@	\$10.50	Per Ton	\$32,331.08
35	0	11/4-Inch Crushed Stone Backfill (Includes Undercut)	@	\$13.50	Per Ton	\$0.00
36	0	3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$13.50	Per Ton	\$0.00
37	0	Geotextile Fabric, Type SAS	@	\$2.00	Sq. Yd.	\$0.00
38	1	Traffic Control (100%)	<u>@</u>	\$50,000.00	Lump Sum	\$50,000.00
39	1,223.8	Shaping and Grading Roadway Base	@	\$10.00	Lin, Ft.	\$12,238.00
40	17,958.7	Walk and Approach Removal	@	\$0.50	Sq. Ft.	\$8,979.35

41	1	Temporary Lighting	@	\$4,655.20	Lump Sum	\$4,655.20
42	1,982	Non Metallic Conduit, Street Light, Polyethylene Duct 2-Inch	, w	\$4.06	Lin. Ft.	\$8,046.92
43	8	Street Light Pull Boxes, 15-Inch x 30-Inch	@	\$512,46	Each	\$4,099.68
44	6	Street Light Pull Boxes, 24-Inch x 36-Inch	@	\$632,94	Each	\$3,797.64
45	4	Concrete Bases, Tear Drop	@	\$679.94	Each	\$2,719.76
46	24	Concrete Bases, Post Top	@	\$536.87	Each	\$12,884.88
47	2,233.9	Electrical Wire 6 AWG	@	\$1.02	Lin. Ft.	\$2,278.58
48	6,450.1	Electrical Wire 4 AWG	@	\$1.33	Lin. Ft.	\$8,578.63
49	4,467.8	Electrical Wire 2 AWG	@	\$1.99	Lin. Ft.	\$8,890.92
50	2,275.9	30-Inch Combination Concrete Curb and Gutter	@	\$17.50	Lin. Ft.	\$39,828.25
51	58.9	18-Inch Combination Concrete Curb and Gutter	@	\$22.00	Lin. Ft.	\$1,295.80
52	68.9	Concrete Curb and Gutter Removal and Replacement	@	\$28.00	Lin. Ft.	\$1,929.20
53	351	New 3-Inch Concrete Bands Around Existing Trees	@	\$4.00	Sq. Ft.	\$1,404.00
54	11,139.5	New 4-Inch Concrete Walk and Curb Ramps	@	\$5.25	Sq. Ft.	\$58,482.38
55	1,067.1	New 6-Inch Concrete Walk and Drive Approach	@	\$5.55	Sq. Ft,	\$5,922.41
56	804.2	New 7-Inch Concrete Walk and Drive Approach	@	\$5.70	Sq. Ft.	\$4,583.94
57	7,637.7	Bituminous Set Concrete Paver Paving, 80 mm	@	\$18.35	Sq. Ft.	\$140,151.80
58	255	Salvage and Reset Brick Pavers	@	\$11.00	Sq. Ft.	\$2,805.00
59	13	Paver Grate with Tree Ring (4' x 4')	<u>@</u>	\$1,800.00	Each	\$23,400.00
60	96	Structural Soil	@	\$55.00	Cu. Yd.	\$5,280.00
61	248	Detectable Warning Surface	@	\$30.00	Sq. Ft.	\$7,440.00
62	509	Pavement Milling	@	\$8.00	Sq. Yd.	\$4,072.00
63	596.21	HMA Pavement, 19.0 mm, Type E-3, PG 58-28	@	\$55.27	Ton	\$32,952.53
64	615.38	HMA Pavement, 12.5 mm, Type E-3, PG 58-28	@	\$59.70	Ton	\$36,738.19
65	501.64	HMA Pavement, 9.5 mm, Type E-3, PG 58-28	@	\$64.79	Ton	\$32,501.26
66	1,065.4	4-Inch HMA Pavement	@	\$5.60	Sq. Ft.	\$5,966.24
67	71.1	HMA Pavement Patching, Temporary, 2-Inch	@	\$118.00	Ton	\$8,389.80
68	0	HMA Pavement Patching, Permanent, 6-Inch	@	\$106.00	Ton	\$0.00
69	1,714.4	Grooved in Place Pavement Markings, Yellow, Preformed Plastic, 4-Inch	@	\$4.05	Lin, Ft.	\$6,943.32
70	829.8	Grooved in Place Pavement Markings, White,	@			
70	027.0	Preformed Thermoplastic, 6-Inch		\$8.20	Lin. Ft.	\$6,804.36
71	264.3	Grooved in Place Pavement Markings, White,	@			
.,	20112	Preformed Plastic, 8-Inch	_	\$7.60	Lin, Ft.	\$2,008.68
72	697.3	Grooved in Place Pavement Markings, White,	@	40.05		0.000.11
		Preformed Thermoplastic, 12-Inch Grooved in Place Pavement Markings, White,	@	\$9.95	Lin. Ft.	\$6,938.14
73	147.7	Preformed Thermoplastic, 18-Inch	w	\$19.10	Lin. Ft.	\$2,821.07
		Grooved in Place Pavement Markings, Arrows, Type	@	\$12.10	1301. 1 t.	Ψ2,021.07
74	4	2, White, Preformed Plastic		\$325.00	Each	\$1,300.00
75	2	Grooved in Place Pavement Markings, Words, Only,	@			. ,
75	2	White, Preformed Plastic		\$510.00	Each	\$1,020.00
76	15	Grooved in Place Pavement markings, White, Yield	a			
		Line		\$27.00	Lin. Ft.	\$405.00
77	0	Valve Box Adjustments	@	\$100.00	Each	\$0.00
78	1	Manhole Adjustments	@	\$500.00	Each	\$500.00
79	38.8	Topsoil and Sod (Includes Stripping)	@	\$14.00	Sq. Yd.	\$543.20
80	0	Silt Fence, Delivered, Installed and Maintained	@	\$3.00	Lin. Ft.	\$0.00
81	0	Straw Bales Delivered, Installed and Maintained	@	\$10.00	Each	\$0.00
82	20	Filter Fabric Inlet Protection	@	\$50.00	Each	\$1,000.00
83	17	Extra Bags of Cement for High-Early-Strength Concrete	@	\$15.00	Each	\$255.00

84	364	Conduit Rigid Nonmetallic Schedule 40 2-Inch (WisDOT Pay Item 652.0225)	@	\$3.79	Lin. Ft.	\$1,379.56	
85	1,412	Conduit Rigid Nonmetallic Schedule 40 3-Inch (WisDOT Pay Item 652.0235)	@	\$4.61	Lin. Ft.	\$6,509.32	
86	18	Pull Boxes Steel 24x42-Inch (WisDOT Pay Item 653.0140)	@	\$667.71	Each	\$12,018.78	
87	22	Concrete Bases Type I (WisDOT Pay Item 654.0101)	@	\$512.64	Each	\$11,278.08	
88	9	Concrete Bases Type 2 (WisDOT Pay Item 654.0102)	@	\$700.83	Each	\$6,307.47	
89	1	Concrete Control Cabinet Base Type 9 Special (Clinton & Broadway) - WisDOT Pay Item 652.0217	@	\$1,221.74	Each	\$1,221.74	
90	5,777	Cable Traffic Signal 7-14 AWG (WisDOT Pay Item 655.0240)	@	\$0.90	Lin. Ft.	\$5,199.30	
91	1,879	Cable Traffic Signal 12-14 AWG (WisDOT Pay Item 655.0260)	@	\$1.47	Lin. Ft.	\$2,762.13	
92	697	Cable Type UF 2-12 AWG Grounded (WisDOT Pay Item 655.0305)	@	\$0.84	Lin. Ft.	\$585.48	
93	2,476	Electrical Wire Traffic Signals 10 AWG (WisDOT Pay Item 655.0515)		\$0.53	Lin. Ft.	\$1,312.28	
94	459	Electrical Wire Lighting 12 AWG (WisDOT Pay Item 655.0610)		\$0.46	Lin. Ft.	\$211.14	
95	1	Electrical Service Meter Breaker Pedestal (Clinton & Broadway) - WisDOT Pay Item 656.0200.01	@	\$799.18	Lump Sum	\$799.18	
96	1	Electrical Service Meter Breaker Pedestal (Clinton & Main) - WisDOT Pay Item 656.0200.02	@	\$799.18	Lump Sum	\$799.18	
97	22	Pedestal Bases (WisDOT Pay Item 657.0100)	<u>a</u>	\$232.51	Each	\$5,115.22	
98	8	Transformer Bases Breakaway 11 1/2 Inch Bolt Circle (WisDOT Pay Item 657.0255)	@	\$317.94	Each	\$2,543.52	
99	1	Poles Type 2 (WisDOT Pay Item 657.0305)	@	\$1,249.11	Each	\$1,249.11	
100	7	Poles Type 4 (WisDOT Pay Item 657.0315)	@	\$1,305.73	Each	\$9,140.11	
101	3	Traffic Signal Standards Aluminum 13-Ft (WisDOT Pay Item 657.0420)	@	\$548.66	Each	\$1,645.98	
102	8	Traffic Signal Standards Aluminum 15-Ft (WisDOT Pay Item 657.0425)	@	\$593.26	Each	\$4,746.08	
103	11	Traffic Signal Standards Aluminum 10-Ft (WisDOT Pay Item 657.0430)	@	\$481.74	Each	\$5,299,14	
104	23	Item 658.0110)	@	\$271.49	Each	\$6,244.27	
105	4	Traffic Signal Faces 4-12 Inch Vertical (WisDOT Pay Item 658.0115)	_	\$345.87	Each	\$1,383.48	
106	23	Backplates 3 Section 12 Inch (WisDOT Pay Item 658.0115)	@	\$56.73	Each	\$1,304.79	
107	4	Backplates 4 Section 12 Inch (WisDOT Pay Item 658.0215)  Pedestrian Signal Face 16-Inch (WisDOT Pay Item	@	\$62.31	Each	\$249.24	
108	18	658.0416) Trombone Arms 20 Foot (WisDOT Pay Item	<i>@</i>	\$395.14	Each	\$7,112.52	
109	1	658.0590)	@	\$1,106.27	Each	\$1,106.27	
110	27	658.0600) LED Modules 12-Inch Yellow Ball (WisDOT Pay Item		\$37.55	Each	\$1,013.85	
111	27	658.0605) LED Modules 12-Inch Green Ball (WisDOT Pay Item		\$38.66	Each	\$1,043.82	
112	27	658.0610)	@	\$39.78	Each	\$1,074.06	
113	4	Item 658.0625)	~	\$38.66	Each	\$154.64	

114	1	Signal Mounting Hardward (Clinton & Broadway) - WisDOT Pay Item 658.5069.01	@	\$2,314.09	Lump Sum	\$2,314.09
115	1	Signal Mounting Hardward (Clinton & Main) - WisDOT Pay Item 658.5069.02	@	\$1,561.31	Lump Sum	\$1,561.31
116	1	Concrete Control Cabinet Base Type 7 Modified	@			
	•	(Clinton & Main) Traffic signal Controller and Cabinet, 8 Phase Fully	@	\$1,221.74	Each	\$1,221.74
117	1	Actuated (Clinton & Broadway)		\$15,690.42	Each	\$15,690.42
118	1	Traffic signal Controller and Cabinet, 8 Phase Fully Actuated (Clinton & Main)	@	\$12,974.85	Each	\$12,974.85
119	18	Pedestrian Push Buttons Special	@	\$874.26	Each	\$15,736.68
120	2	Video Monitor (Clinton & Broadway and Clinton & Main)	@	\$436.05	Each	\$872.10
121	2	Steel Bollard, Black, 4-Inch Diameter	@	\$500.00	Each	\$1,000.00
		Remove and Salvage Existing Traffic Signal and Stree	-	\$500.00	170011	\$1,000.00
122	1	Lighting Equipment		\$4,705.80	Lump Sum	\$4,705.80
102	1	Video Vehicle Detection System (Clinton &	@		·	•
123	1	Broadway)		\$23,879.76	Lump Sum	\$23,879.76
124	1	Video Vehicle Detection System (Clinton & Main)	@	\$20,633.16	Lump Sum	\$20,633.16
125	1	Emergency Vehicle Preemption Detection System (Clinton & Broadway)	@	\$8,652.26	Lump Sum	\$8,652.26
106	,	Emergency Vehicle Preemption Detection System	@	4.,		<b>+-,</b>
126	1	(Clinton & Main)		\$11,267.61	Lump Sum	\$11,267.61
127	3	Remove and Reinstall Existing Decorative Parking Signs	@	\$1,500.00	Each	\$4,500.00
Extra	1	Water Hillita Commission Assessed Future	(a)	\$24.250.05	Each	\$24.250.05
No. 1 Extra	1	Water Utility Commission Approved Extras	@	\$24,350.95	Each	\$24,350.95
No. 2	24	Standing and Splicing of Street Lights	@	\$517.65	Each	\$12,423.60
Extra				•		,
No. 3	1	Fittings and Labor at Storm Inlet	@	\$2,086.66	Lump Sum	\$2,086.66
Extra						
No. 4	200	Clay Duct Removal	@	\$10.00	Lin, Ft.	\$2,000.00
Extra		Delegation of Manhala No. 2	<i>(</i> 2)	\$2.20£.00	I man Cum	\$2.206.00
No. 5	1	Relocation of Manhole No. 3	@	\$2,306.00	Lump Sum	\$2,306.00
Extra No. 6	1	Additional Work to Maintain Downtown Street Lightin	ıs (@)	\$3,499.07	Lump Sum	\$3,499.07
Extra	•		* (*)	40,133107	р э	4-,
No. 7 Extra	1	Relaying of Storm Sewer at 320 Wisconsin Ave.	@	\$1,775.18	Lump Sum	\$1,775.18
No. 8	1	Releasing of storm Sewer at 811 Clinton st.	@	\$1,650.74	Lump Sum	\$1,650.74
		Subtotal				\$1,544,258.38
		Less Amount Previosly Paid	l			\$1,537,060.38
	Total Amount Due					\$7,198.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$7,198.00 be allowed.

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