

January 23, 2020

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 9 to Advance Construction, Inc., 2141 Woodale Avenue, Green Bay, WI 54314 for Summit Avenue Utility And Street Improvements And Area 7 Flood Mitigation - Base Bid - HMA Pavement.

Contract No. #4112

CONTRACT DATE: April 4, 2019

Original \$ 3,932,540.27

Line No.	Item No.	Item Description	Unit	Bid Quantities	Completed Quantity	Unit Price	Amount
1	01001	TRAFFIC CONTROL	LS	1	1.00	\$ 61,719.00	\$ 61,719.00
2	01005	DETOUR ROUTE	LS	1	1.00	\$ 8,000.00	\$ 8,000.00
3	01014	TRAFFIC CONTROL SIGN - PORTABLE CHANGEABLE MESSAGE	LS	1	1.00	\$ 20,000.00	\$ 20,000.00
4	01015	BUSINESS ACCESS SIGN & MOUNTING SUPPLIED SIGNS	LS	1		\$ 3,500.00	\$ -
5	02002	SILT FENCE	LF	350		\$ 3.00	\$ -
6	02003	EROSION BALES	EACH	30		\$ 20.00	\$ -
7	02005	INLET PROTECTION	EACH	35	36.00	\$ 65.00	\$ 2,340.00
8	03041	CLEARING	INCH DIA	15	15.00	\$ 83.00	\$ 1,245.00
9	03042	GRUBBING	INCH DIA	15	15.00	\$ 30.00	\$ 450.00
10	03060	REMOVE AND REPLACE MAILBOX	EACH	17	18.00	\$ 100.00	\$ 1,800.00
11	03061	INSTALL TEMPORARY MAILBOX(ES)	LS	1	1.00	\$ 1,000.00	\$ 1,000.00
12	03101	REMOVE INLET	EACH	13	13.00	\$ 300.00	\$ 3,900.00
13	03110	REMOVE PIPE	LF	205	200.00	\$ 28.00	\$ 5,600.00
14	03205	ABANDON PIPE	LF	175	165.00	\$ 15.00	\$ 2,475.00
15	03300	REMOVE EXISTING CURB AND GUTTER	LF	3,300	3,285.00	\$ 3.50	\$ 11,497.50
16	03331	REMOVE EXISTING SIDEWALK	SF	11,000	11,000.00	\$ 1.00	\$ 11,000.00
17	03500	SAWCUTTING AT PAVEMENT LIMITS	LF	525	475.00	\$ 2.75	\$ 1,306.25
18	03650	REMOVE EXISTING ROADWAY	SY	7,200	8,934.38	\$ 6.00	\$ 53,606.28
19	04010	SHAPING AND GRADING TO SUBGRADE	LF	1,650	1,650.00	\$ 97.40	\$ 160,710.00
20	04015	GEOTEXTILE FABRIC TYPE SAS NON-WOVEN	SY	2,250	400.00	\$ 1.85	\$ 740.00
21	04020	1-1/4" CRUSHED STONE ROADWAY BASE	TON	7,750	7,112.17	\$ 14.00	\$ 99,570.38
22	04120	SLURRY BACKFILL	CY	100		\$ 100.00	\$ -
23	04175	SOLID ROCK EXCAVATION (IN TRENCHES)	CY	2,600	3,059.23	\$ 125.00	\$ 382,403.75
24	04176	LOOSE ROCK EXCAVATION (IN TRENCHES)	CY	500	78.90	\$ 50.00	\$ 3,945.00
25	04990	CRUSHED AGGREGATE BASE COURSE, 3" (INCLUDES EBS)	TON	3,750	1,053.97	\$ 22.00	\$ 23,187.34

26	05011	PIPE BULKHEAD	EACH	5	5.00	\$ 500.00	\$ 2,500.00
27	05020	ADJUST SEWER MANHOLE	EACH	6	7.00	\$ 1,000.00	\$ 7,000.00
28	05021	ADJUST INLET	EACH	10	10.00	\$ 800.00	\$ 8,000.00
29	05030	CHIMNEY REPLACEMENT	EACH	14	15.00	\$ 1,400.00	\$ 21,000.00
30	05050	INTERNAL CHIMNEY SEAL	EACH	14	15.00	\$ 356.00	\$ 5,340.00
31	05075	SANITARY SEWER SPOT REPAIR	EACH	1		\$ 15,000.00	\$ -
32	05076	SANITARY SEWER LATERAL SPOT REPAIR	EACH	1		\$ 3,000.00	\$ -
33	05080	SANITARY LATERAL REINSTATEMENT	EACH	12	12.00	\$ 250.00	\$ 3,000.00
34	05082	SANITARY LATERAL CONNECTION TEST & SEAL	EACH	12	12.00	\$ 875.00	\$ 10,500.00
35	05108	8 INCH PVC SANITARY SEWER PIPE	LF	55	62.00	\$ 132.00	\$ 8,184.00
36	05155	6 INCH SANITARY SEWER LATERAL	LF	53	50.00	\$ 128.00	\$ 6,400.00
37	05157	6 INCH SANITARY SEWER LATERAL REPLACEMENT (OPEN CUT)	LF	750	698.00	\$ 103.00	\$ 71,894.00
38	05316	24 INCH CIPP SANITARY SEWER PIPE	LF	3,652	3,651.00	\$ 93.00	\$ 339,543.00
39	05405	48 INCH DIA SANITARY MANHOLE W/ OUTSIDE DROP	VF	55	8.20	\$ 576.00	\$ 4,723.20
40	05410	REHABILITATE SANITARY MANHOLE W/ CEMENTITIOUS LINER	EACH	11	11.00	\$ 1,960.00	\$ 21,560.00
41	05420	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MINOR	EACH	1		\$ 2,000.00	\$ -
42	05422	SANITARY MANHOLE BENCH / INVERT / TROUGH WORK - MAJOR	EACH	1		\$ 4,000.00	\$ -
43	05430	REPLACE SANITARY SEWER COVER	EACH	6	4.00	\$ 400.00	\$ 1,600.00
44	05479	96-INCH STORM SEWER MANHOLE	EACH	3	3.00	\$ 10,905.00	\$ 32,715.00
45	05485	2'X3' STORM INLET	EACH	9	9.00	\$ 3,372.00	\$ 30,348.00
46	05542	12 INCH RCP STORM SEWER PIPE	LF	55	64.00	\$ 101.00	\$ 6,464.00
47	05545	15 INCH RCP STORM SEWER PIPE	LF	80	45.00	\$ 101.00	\$ 4,545.00
48	05548	18 INCH RCP STORM SEWER PIPE	LF	190	148.50	\$ 104.70	\$ 15,547.95
49	05551	21 INCH RCP STORM SEWER PIPE	LF	25	24.00	\$ 115.50	\$ 2,772.00
50	05554	24 INCH RCP STORM SEWER PIPE	LF	25	19.00	\$ 119.50	\$ 2,270.50
50A	05643	43 INCH X 68 INCH TYPE I HERCP STORM SEWER PIPE	LF	950	941.00	\$ 362.50	\$ 341,112.50
51	05648	48 INCH X 76 INCH TYPE I HERCP STORM SEWER PIPE	LF	110	108.00	\$ 409.00	\$ 44,172.00
52	05951	SANITARY SEWER CLEANING AND TELEVISIONING	LF	2,900	3,010.00	\$ 1.75	\$ 5,267.50
53	05952	SANITARY SEWER LATERAL TELEVISIONING	EACH	31	32.00	\$ 235.00	\$ 7,520.00
54	05955	STORM SEWER CLEANING AND TELEVISIONING	LF	2,000	2,147.50	\$ 1.75	\$ 3,758.13
55	05680	STORM SEWER INLET REPAIR	VF	20	2.00	\$ 500.00	\$ 1,000.00
56	05692	STORM SEWER MANHOLE REPAIR	VF	16		\$ 500.00	\$ -
57	05990	54-INCH RCP STORM SEWER PIPE	LF	950	676.00	\$ 329.00	\$ 222,404.00
58	05991	120-INCH STORM SEWER MANHOLE	EACH	6	6.00	\$ 16,880.00	\$ 101,280.00

59	05992	MODIFY EXT STORM MANHOLE TO CURB INLET	LS	1	1.00	\$ 4,000.00	\$ 4,000.00
60	05993	CAST IN PLACE MANHOLE INLET	LS	1	1.00	\$ 5,000.00	\$ 5,000.00
61	05994	FLOW EQUILIZATION BASIN	LS	1	1.00	\$ 50,000.00	\$ 50,000.00
62	06100	EXTRA BAGS OF CEMENT	EA	25		\$ 20.00	\$ -
63	07002	CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT	LF	300	444.00	\$ 43.00	\$ 19,092.00
64	INTENTIONALLY LEFT BLANK						\$ -
65	07130	30" TYPE A CONCRETE CURB & GUTTER	LF	3,250	3,462.00	\$ 18.00	\$ 62,316.00
66	07301	CURB RAMP DETECTABLE WARNING FIELDS	SF	112	184.00	\$ 50.00	\$ 9,200.00
67	07302	PEDESTRIAN CURB	LF	100	30.00	\$ 42.00	\$ 1,260.00
68	07304	4-INCH CONCRETE SIDEWALK	SF	3,750	6,595.60	\$ 6.00	\$ 39,573.60
69	07306	6-INCH CONCRETE SIDEWALK & DRIVE	SF	8,000	8,778.80	\$ 6.50	\$ 57,062.20
70	07307	7-INCH CONCRETE SIDEWALK & DRIVE	SF	450	433.00	\$ 7.00	\$ 3,031.00
71	08012	MILL EXISTING ASPHALT ROADWAY - 2"	SY	7,500	7,327.90	\$ 1.50	\$ 10,991.85
72	08016	MILL EXISTING ASPHALT ROADWAY - FULL DEPTH	SY	2,250		\$ 3.25	\$ -
73	08020	FOUNDATION PREPARATION OF MILLED PAVEMENT	SY	2,250	7,327.90	\$ 0.75	\$ 5,495.93
74	08052	HMA PAVEMENT 2" TEMPORARY PATCHING	SY	500	310.00	\$ 30.00	\$ 9,300.00
75	08054	HMA PAVEMENT 4" TEMPORARY PATCHING	SY	500		\$ 40.00	\$ -
76	08065	HMA PAVEMENT PATCHING	SY	2,400	538.00	\$ 36.50	\$ 19,637.00
77	08203	HMA PAVEMENT TYPE 3 LT 58-28 S	TON	1,400	1,310.33	\$ 55.75	\$ 73,050.90
78	08204	HMA PAVEMENT TYPE 4 LT 58-28 S	TON	1,400	1,253.38	\$ 57.75	\$ 72,382.70
79	08208	HMA PAVEMENT TYPE 5 LT 58-28 H	TON	2,000	1,895.27	\$ 70.00	\$ 132,668.90
80	08210	HMA DRIVE & TERRACE, TYPE 4 LT 58-28 S	TON	25	49.35	\$ 225.00	\$ 11,103.75
81	08401	PAVEMENT CRACK SEALING	SY	4,800		\$ 1.10	\$ -
82	10990	FURNISH AND INSTALL 6-CT FIBER OPTIC CABLE	LF	4,000	4,158.00	\$ 2.78	\$ 11,559.24
83	10991	INSTALL FIBER OPTIC COMMUNICATIONS IN SIGNAL CABINET	EACH	2	2.00	\$ 2,992.00	\$ 5,984.00
84	11005	CONCRETE BASE - TYPE 5, WDOT 654.0105	EACH	18	18.00	\$ 782.00	\$ 14,076.00
85	11025	PULL BOX - 15-INCH PVC	EACH	2	2.00	\$ 555.00	\$ 1,110.00
86	11026	PULL BOX - 24-INCH STEEL, WDOT 653.0140	EACH	8	8.00	\$ 601.50	\$ 4,812.00
87	11101	CONDUIT 2-INCH HDPE (EXCAVATED)	LF	1,423	1,394.00	\$ 5.32	\$ 7,416.08
88	11102	CONDUIT 2-INCH HDPE SPECIAL (BORED)	LF	1,450	1,371.00	\$ 22.88	\$ 31,368.48
89	11112	CONDUIT 3-INCH HDPE	LF	2,466	2,320.00	\$ 6.87	\$ 15,938.40
90	11113	CONDUIT 3-INCH HDPE SPECIAL	LF	1,592	1,592.00	\$ 24.12	\$ 38,399.04
91	11120	12/2 UF W/GROUND WIRE	LF	810	792.00	\$ 1.08	\$ 855.36
92	11123	#10 XLP USE WIRE	LF	3,585	3,585.00	\$ 0.93	\$ 3,334.05

93	11125	#6 XLP USE WIRE	LF	3,325	3,178.00	\$ 1.23	\$ 3,908.94
94	11126	#4 XLP USE WIRE	LF	9,690	9,534.00	\$ 1.46	\$ 13,919.64
95	11201	REMOVE AND DISPOSE OF EXISTING WIRE AND ABANDON CONDUIT IN	LF	1,610		\$ 1.98	\$ -
96	11202	REMOVE AND DISPOSE OF EXISTING CONCRETE BASE	EACH	10	10.00	\$ 300.00	\$ 3,000.00
97	11203	REMOVE AND DISPOSE OF EXISTING PULL BOX	EACH	5	5.00	\$ 118.50	\$ 592.50
98	11302	INSTALL CITY-FURNISHED STREET LIGHTING UNIT	EACH	8	8.00	\$ 571.50	\$ 4,572.00
99	11403	REMOVE AND REINSTALL EXISTING STREET LIGHT UNIT	EACH	10	1.00	\$ 866.50	\$ 866.50
100	11600	INSTALL NEW QUAZITE VAULT - FIBER	EACH	7	7.00	\$ 1,933.00	\$ 13,531.00
101	11990	REPLACE EXISTING HPS LUMINAIRES, INTERSECTION OF SUMMIT AND UNIVERSITY	LS	1	1.00	\$ 6,834.40	\$ 6,834.40
102	11991	INSTALL FURNISHED NEW LED LUMINAIRES ON EXISTING POLES	LS	1	1.00	\$ 8,107.00	\$ 8,107.00
103	11992	INSTALL FURNISHED NEW LED LUMINAIRES ON NEW POLES	LS	1	1.00	\$ 7,979.00	\$ 7,979.00
104	12201	PAVEMENT MARKING EPOXY, LINE, 4-INCH	LF	4,850	4,753.00	\$ 0.90	\$ 4,277.70
105	12202	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH	LF	6,500	6,498.00	\$ 0.90	\$ 5,848.20
106	12203	PAVEMENT MARKING EPOXY, LINE, 6-INCH	LF	1,100	990.00	\$ 7.50	\$ 7,425.00
107	12204	PAVEMENT MARKING EPOXY, LINE, 8-INCH	LF	1,200	1,123.00	\$ 1.50	\$ 1,684.50
108	12205	PAVEMENT MARKING EPOXY, LINE, 12-INCH	LF	200	271.00	\$ 10.25	\$ 2,777.75
109	12250	PAVEMENT MARKING EPOXY, STOP LINE, 18-INCH	LF	225	220.00	\$ 11.50	\$ 2,530.00
110	12263	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW	EACH	2	5.00	\$ 280.00	\$ 1,400.00
111	12264	PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW	EACH	1	2.00	\$ 280.00	\$ 560.00
112	12270	PAVEMENT MARKING EPOXY, WORD, ONLY	EACH	3	4.00	\$ 295.00	\$ 1,180.00
113	12990	PROJECT PAVEMENT MARKING REMOVAL	LS	1	1.00	\$ 1,200.00	\$ 1,200.00
114	13002	REMOVE SIGN	EACH	33	33.00	\$ 35.00	\$ 1,155.00
115	13003	REMOVE POSTS	EACH	16	21.00	\$ 35.00	\$ 735.00
116	13005	REMOVE, STORE AND RE-INSTALL SIGNS & POSTS	EACH	6	3.00	\$ 225.00	\$ 675.00
117	13020	SIGN POST, 2-3/8-INCH ROUND	EACH	11	13.00	\$ 195.00	\$ 2,535.00
118	13021	SIGN	EACH	57	58.00	\$ 135.00	\$ 7,830.00
119	13300	MOVE SIGN	EACH	6	4.00	\$ 195.00	\$ 780.00
120	14005	TOPSOIL & SOD	SY	3,000	3,910.00	\$ 13.25	\$ 51,807.50
121	15001	16-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	1,800	1,788.00	\$ 210.00	\$ 375,480.00
122	15002	12-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	10	12.00	\$ 539.00	\$ 6,468.00
123	15003	8-INCH WATER MAIN AND FITTINGS	LF	220	194.00	\$ 243.00	\$ 47,142.00
124	15004	6-INCH D.I. (CLASS 52) WATER MAIN AND FITTINGS	LF	80	91.00	\$ 231.00	\$ 21,021.00
125	15005	TEMPORARY WATER SUPPLY SYSTEM	LS	1	1.00	\$ 6,000.00	\$ 6,000.00

126	15006	16-INCH BUTTERFLY VALVE AND BOX	EACH	3	3.00	\$ 2,764.00	\$ 8,292.00
127	15007	12-INCH GATE VALVE AND BOX	EACH	1	1.00	\$ 2,711.00	\$ 2,711.00
128	15008	8-INCH GATE VALVE AND BOX	EACH	4	4.00	\$ 1,536.00	\$ 6,144.00
129	15009	6-INCH GATE VALVE AND BOX	EACH	2	2.00	\$ 1,097.00	\$ 2,194.00
130	15010	HYDRANT VALVE, 6-INCH D.I. LEAD AND HYDRANT	EACH	3	3.00	\$ 6,211.00	\$ 18,633.00
131	15011	CONNECT SERVICE LATERAL (SL1)	EACH	12	14.00	\$ 1,807.00	\$ 25,298.00
132	15012	CONNECT SERVICE LATERAL (SL2)	EACH	1		\$ 813.00	\$ -
133	15013	CONNECT SERVICE LATERAL (SL3)	EACH	1	1.00	\$ 4,943.00	\$ 4,943.00
134	15014	CONNECT SERVICE LATERAL (SL4)	EACH	1		\$ 1,060.00	\$ -
135	15015	CURB BOXES & RODS (IF NEEDED)	EACH	10		\$ 654.00	\$ -
136	15016	CURB STOPS (IF NEEDED)	EACH	10		\$ 1,089.00	\$ -
137	15017	ABANDON EXISTING HYDRANT	EACH	2	2.00	\$ 500.00	\$ 1,000.00
138	15018	ABANDON VALVE BOXES AND MANHOLES	LS	1	1.00	\$ 10,000.00	\$ 10,000.00
139	15019	WATER MAIN OFFSET AT FLOW EQUILIZATION STRUCTURE (IF NEEDED)	LS	1		\$ 10,000.00	\$ -
Extra No. 1		STORM SEWER STRUCTURE UPSIZING	LS		1.00	\$ 26,729.26	\$ 26,729.26
Extra No. 2		TRAFFIC SIGNAL STANDARD REMOVAL AND REPLACEMENT	LS		1.00	\$ 8,000.00	\$ 8,000.00
Extra No. 3		REMOVE BENTONITE FOR SANITARY SEWER LINING	HR		24.50	\$ 351.75	\$ 8,617.88

Total	\$ 3,645,319.53
Less Retainage	\$ 49,156.76
Total	\$ 3,596,162.77
Less Previously Paid	\$ 3,482,100.15
Total Amount Due	\$ 114,062.62

This estimate has been checked by the Engineering Division and we recommend that the above amount of \$114,062.62 be allowed.

Respectfully Submitted,



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