

January 5, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 to Concrete Structures, Inc., 3006 Bond Place, Janesville, WI 53548-3218 for Madison Street Bridge and Road Reconstruction.

Contract No. 3952

5/13/2016

\$ 604,115.85

No	Quantity	Description	Cost	Per Unit	Amount
1	1.0	Removing Old Structure over Waterway with Minimal Debris Sta. 14+50 (203.0600S) @	\$ 8,000.00	LS	\$8,000.00
2	1.0	Excavation for Structures B-67-371 (206.1000) @	\$ 8,000.00	LS	\$8,000.00
3	410	Backfill Structures (210.0100) @	\$ 18.00	Cu. Yd.	\$7,380.00
4	215	Concrete Masonry Bridges (502.0100) @	\$ 850.00	Cu. Yd.	\$182,750.00
5	248	Protective Surface Treatment (502.3200) @	\$ 4.00	Sq. Yd.	\$992.00
6	5,680	Bar Steel Reinforcement HS Structures (505.0400) @	\$ 0.90	LB	\$5,112.00
7	29,210	Bar Steel Reinforcement HS Coated Structures (505.0600) @	\$ 1.00	LB	\$29,210.00
8	130	Railing Steel Type C3 (B-67-371) (513.7016) @	\$ 135.00	Lin. Ft.	\$17,550.00
9	24	Rubberized Membrane Waterproofing (516.0500) @	\$ 40.00	Sq. Yd.	\$960.00
10	194.08	Piling Steel HP 10-Inch x 42 LB (550.1100) @	\$ 40.00	Lin. Ft.	\$7,763.20
11	82.91	Rip-rap Medium (606.0300) @	\$ 55.00	Cu. Yd.	\$4,560.05
12	200	Pipe Underdrain Wrapped 6-Inch (612.0406) @	\$ 10.00	Lin. Ft.	\$2,000.00
13	200	Geotextile Fabric Type HR (645.0120) @	\$ 3.00	Sq. Yd.	\$600.00
14	1.0	Clearing and Grubbing @	\$ 8,500.00	LS	\$8,500.00
15	89	Sawcutting at Pavement Limits @	\$ 4.00	Lin. Ft.	\$356.00
16	0	Asphalt Pulverizing @	\$ 1.20	Sq. Yd.	\$0.00
17	725	Excavation (cut for roadway) @	\$ 17.00	Cu. Yd.	\$12,325.00
18	9.78	Undercutting @	\$ 19.00	Cu. Yd.	\$185.82
19	184.14	Base Dense Aggregate 3/4-inch @	\$ 15.00	Ton	\$2,762.10
20	1,318.95	Base Aggregate Dense 1 1/4-inch @	\$ 15.50	Ton	\$20,443.73
21	452.76	Base Dense Aggregate 3-inch @	\$ 15.50	Ton	\$7,017.78
22	359.50	6" Concrete Walk and Driveway Approach @	\$ 4.25	Sq. Ft.	\$1,527.88
23	0	HMA Pavement E-1, 9.5 mm @	\$ 57.00	Ton	\$0.00

24	0	HMA Pavement E-1, 12.5 mm	@	\$ 54.00	Ton	\$0.00
25	587.77	HMA Pavement E-1, 19.0 mm	@	\$ 48.00	Ton	\$28,212.96
26	130.09	12" Concrete Approach at Bridge	@	\$ 142.00	Sq. Yd.	\$18,472.78
27	8	Drilled Tie Bars	@	\$ 6.00	Each	\$48.00
28	1,427	Curb and Gutter	@	\$ 12.90	Lin. Ft.	\$18,408.30
29	3,295.33	4-inch Concrete Walk and Curb Ramps	@	\$ 3.60	Sq. Ft.	\$11,863.19
30	16	Curb Ramp Detectable Warning Field	@	\$ 35.00	Sq. Ft.	\$560.00
31	81	12" Storm Sewer	@	\$ 63.00	Lin. Ft.	\$5,103.00
32	178	30" x 19" Storm Sewer	@	\$ 113.00	Lin. Ft.	\$20,114.00
33	4	Storm Sewer Catch Basin	@	\$ 1,950.00	Each	\$7,800.00
34	1	Rebuild Sanitary Sewer Manhole	@	\$ 2,100.00	Each	\$2,100.00
35	1	Adjust Sanitary Manhole and Install Internal Seal	@	\$ 850.00	Each	\$850.00
36	1,865	Topsoil, Seed, Fertilizer, Erosion Mat	@	\$ 4.15	Sq. Yd.	\$7,739.75
37	0	Topsoil and Sod	@	\$ 9.40	Sq. Yd.	\$0.00
38	500	Modular Block Wall	@	\$ 31.50	Sq. Ft.	\$15,750.00
39	0	Rip-Rap Medium	@	\$ 125.00	Cu. Yd.	\$0.00
40	1,342	Silt Fence Delivered, Installed and Maintained	@	\$ 1.90	Lin. Ft.	\$2,549.80
41	0	Filter Fabric Inlet Protection	@	\$ 50.00	Each	\$0.00
42	0	Dust Control	@	\$ 1.00	LS	\$0.00
43	1.0	Traffic Control	@	\$ 3,000.00	LS	\$3,000.00
44	1.0	Mobilization	@	\$ 75,000.00	LS	\$75,000.00
Subtotal						\$545,567.33
Less Retainage						\$15,102.90
Subtotal						\$530,464.43
Less Amount Previously Paid						\$374,660.18
Total Amount Due						\$155,804.25

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$155,804.25 be allowed.

Respectfully Submitted,



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