



CITY OF MANITOWOC

WISCONSIN, USA
www.manitowoc.org

June 2, 2021

TO: Mayor and Common Council
FROM: Board of Public Works
SUBJECT: 2021 Concrete Paving II (Custer Street Reconstruction), WS-21-2 & WS-21-17

Dear Mayor and Common Council:

At the May 26, 2021 Board of Public Works meeting, the Board met to receive bids for 2021 Concrete Paving II (Custer Street Reconstruction), WS-21-2 & WS-21-17. City Clerk reported having received two (2) e-bids. Same were opened and accepted online through Quest, and are as follows:

Name	Bid Bond	Base Bid
Vinton Construction Company	Bid Bond	\$3,469,845.90
Advance Construction Inc.	Bid Bond	\$3,921,792.43

"Moved by City Attorney Kathleen McDaniel, seconded by Alderperson Todd Reckelberg, and unanimously carried to refer the bid to the Director of Public Infrastructure for tabulation and recommendation. Ayes, 7 . Nays, none."

Very Truly Yours,

MACKENZIE REED-KADOW
Secretary Board of Public Works

#WS-21-2 & #WS-21-17 2021 CONCRETE PAVING II (CUSTER STREET RECONSTRUCTION) (#7801151)

BID DATE: MAY 26, 2021

Recommended Awarding to Vinton Construction Co 6-16-21

Item #	Item Description	UofM	QTY	Vinton Construction Company		Advance Construction Inc.	
				Unit Price	Extension	Unit Price	Extension
WS-21-2 CUSTER STREET (S 29TH - S 39TH ST) - CONCRETE PAVING				\$1,657,517.81		\$1,801,806.75	
1	Mobilization	LS	1	\$110,000.00	\$110,000.00	\$150,000.00	\$150,000.00
2	Traffic Control	LS	1	\$33,000.00	\$33,000.00	\$25,000.00	\$25,000.00
3	Traffic Control, Detour	LS	1	\$13,000.00	\$13,000.00	\$3,000.00	\$3,000.00
4	Inlet Protection, Type A	Each	1	\$100.00	\$100.00	\$140.00	\$140.00
5	Inlet Protection, Type B	Each	3	\$60.00	\$180.00	\$50.00	\$150.00
6	Inlet Protection, Type C	Each	71	\$62.00	\$4,402.00	\$60.00	\$4,260.00
7	Inlet Protection, Type D	Each	10	\$105.00	\$1,050.00	\$125.00	\$1,250.00
8	Clearing	ID	108	\$25.00	\$2,700.00	\$20.00	\$2,160.00
9	Grubbing	ID	108	\$25.00	\$2,700.00	\$18.00	\$1,944.00
10	Construction Staking, Roadway	LS	1	\$15,063.60	\$15,063.60	\$15,063.60	\$15,063.60
11	Sawing Concrete Asphalt or Pavement, Full Depth	LF	1127	\$3.00	\$3,381.00	\$3.15	\$3,550.05
12	Sawing Existing Sidewalk / Driveway	LF	1014	\$2.00	\$2,028.00	\$3.15	\$3,194.10
13	Unclassified Excavation, (includes pav't, curb)	CY	13893	\$17.99	\$249,935.07	\$12.00	\$166,716.00
14	Base Aggregate 1.25-Inch	SY	21830	\$4.90	\$106,967.00	\$4.85	\$105,875.50
15	Breaker Run	SY	21320	\$4.45	\$94,874.00	\$4.85	\$103,402.00
16	Water	MGAL	25	\$30.00	\$750.00	\$200.00	\$5,000.00
17	8-Inch Concrete Pavement w/ Integral Curb (Doweled)	SY	19741	\$36.99	\$730,219.59	\$47.22	\$932,170.02
18	Drilled Tie Bars	Each	90	\$8.00	\$720.00	\$8.65	\$778.50
19	Drilled Dowel Bars	Each	68	\$13.00	\$884.00	\$10.81	\$735.08
20	Remove and Replace 6" Concrete Driveway w/ 2" CABC	SY	1169	\$57.65	\$67,392.85	\$51.00	\$59,619.00
21	Remove and Replace 8" Concrete Driveway w/ 2" CABC	SY	416	\$64.00	\$26,624.00	\$64.00	\$26,624.00
22	Remove and Replace HMA Pavement 4LT 58-28S	SY	510	\$36.42	\$18,574.20	\$31.10	\$15,861.00
23	Tack Coat	GAL	33	\$3.89	\$128.37	\$3.85	\$127.05
24	Temporary Asphalt	Tons	30	\$100.00	\$3,000.00	\$100.00	\$3,000.00
25	Remove and Replace 4" Concrete Sidewalk w/ 2" CABC	SF	6566	\$5.80	\$38,082.80	\$5.00	\$32,830.00
26	Remove and Replace 6" Concrete Sidewalk w/ 2" CABC	SF	2296	\$6.55	\$15,038.80	\$6.70	\$15,383.20
27	Curb Ramp, Detectable Warning Field	SF	550	\$30.00	\$16,500.00	\$38.85	\$21,367.50
28	Adjusting Existing Manhole Cover	Each	4	\$350.00	\$1,400.00	\$400.00	\$1,600.00
29	Adjusting Existing Inlet Covers	Each	2	\$350.00	\$700.00	\$450.00	\$900.00
30	Adjusting Existing Water Valves	Each	11	\$200.00	\$2,200.00	\$100.00	\$1,100.00
31	3" Pulverized Topsoil	SY	6890	\$4.10	\$28,249.00	\$4.00	\$27,560.00
32	Seed, Fertilizer, and Water	SY	6890	\$1.40	\$9,646.00	\$2.00	\$13,780.00
33	Erosion Mat, Urban Class 1, Type A	SY	6890	\$1.00	\$6,890.00	\$1.50	\$10,335.00
34	Removing Signs	Each	69	\$6.00	\$414.00	\$30.00	\$2,070.00
35	Removing Sign Supports	Each	26	\$10.00	\$260.00	\$40.00	\$1,040.00
36	Sign Supports	Each	28	\$130.00	\$3,640.00	\$40.00	\$1,120.00
37	Type II Signs Reflective H	SF	183.75	\$23.70	\$4,354.88	\$10.00	\$1,837.50
38	Type II Signs Reflective F	SF	144.5	\$22.00	\$3,179.00	\$12.00	\$1,734.00
39	Pavement Marking, 4-Inch, Epoxy	LF	15772	\$0.45	\$7,097.40	\$0.45	\$7,097.40
40	Pavement Marking, Arrow, Epoxy	Each	18	\$255.00	\$4,590.00	\$255.00	\$4,590.00
41	Pavement Marking, Words, Epoxy	Each	6	\$275.00	\$1,650.00	\$275.00	\$1,650.00
42	Pavement Marking, Symbol, Epoxy	Each	18	\$235.00	\$4,230.00	\$235.00	\$4,230.00
43	Pavement Marking, Stop Line 18-Inch, Epoxy	LF	261	\$11.25	\$2,936.25	\$11.25	\$2,936.25
44	Pavement Marking, Crosswalk 6-Inch, Epoxy	LF	1530	\$7.50	\$11,475.00	\$7.50	\$11,475.00
45	Pavement Marking, Crosswalk 12-Inch Bars, Alt., Epoxy	LF	436	\$9.75	\$4,251.00	\$9.75	\$4,251.00
46	Sterlings Linden Tree (2" - 2 1/2" B&B)	Each	2	\$510.00	\$1,020.00	\$550.00	\$1,100.00
47	Frans Fountain Hornbeam Tree (2" - 2 1/2" B&B)	Each	2	\$510.00	\$1,020.00	\$550.00	\$1,100.00
48	Discovery Elm Tree (2" - 2 1/2" B&B)	Each	2	\$510.00	\$1,020.00	\$550.00	\$1,100.00
WS-21-2 CUSTER STREET (S 29TH - S 39TH ST) - STORM SEWER				\$695,833.15		\$872,109.00	
49	Construction Staking, Storm Sewers (Pipe & Structures)	LS	1	\$2,460.16	\$2,460.16	\$2,460.00	\$2,460.00
50	Removing Storm Sewer, 12-Inch or Less	LF	703	\$12.25	\$8,611.75	\$13.00	\$9,139.00
51	Removing Storm Sewer, 15-Inch to 24-Inch	LF	790	\$17.60	\$13,904.00	\$18.00	\$14,220.00
52	Removing Storm Sewer, 30-Inch	LF	66	\$18.50	\$1,221.00	\$25.00	\$1,650.00
53	Removing Storm Sewer, 36-Inch	LF	339	\$25.00	\$8,475.00	\$28.00	\$9,492.00
54	Removing Storm Sewer, 42-Inch	LF	120	\$29.50	\$3,540.00	\$30.00	\$3,600.00
55	Removing Storm Sewer, 29-Inch x 45-Inch	LF	54	\$31.50	\$1,701.00	\$40.00	\$2,160.00
56	Removing Manholes	Each	19	\$595.00	\$11,305.00	\$800.00	\$15,200.00
57	Removing Inlets	Each	32	\$300.00	\$9,600.00	\$700.00	\$22,400.00
58	Furnish and Install Storm Sewer, 12-Inch	LF	777	\$60.40	\$46,930.80	\$102.00	\$79,254.00
59	Furnish and Install Storm Sewer, 15-Inch	LF	118	\$62.30	\$7,351.40	\$106.00	\$12,508.00
60	Furnish and Install Storm Sewer, 18-Inch	LF	10	\$67.30	\$673.00	\$120.00	\$1,200.00
61	Furnish and Install Storm Sewer, 21-Inch	LF	52	\$88.26	\$4,589.52	\$120.00	\$6,240.00
62	Furnish and Install Storm Sewer, 24-Inch	LF	202	\$102.40	\$20,684.80	\$130.00	\$26,260.00
63	Furnish and Install Storm Sewer, 30-Inch	LF	17	\$107.16	\$1,821.72	\$150.00	\$2,550.00
64	Furnish and Install Storm Sewer, 36-Inch	LF	1298	\$147.50	\$191,455.00	\$175.00	\$227,150.00
65	Furnish and Install Storm Sewer, 42-Inch	LF	71	\$152.00	\$10,792.00	\$206.00	\$14,626.00
66	Furnish and Install Storm Sewer, 29x45-Inch	LF	63	\$187.00	\$11,781.00	\$209.00	\$13,167.00
67	Furnish and Install Storm Sewer, 34x53-Inch	LF	682	\$161.00	\$109,802.00	\$218.00	\$148,676.00
68	Furnish and Install Catch Basins 2x3	Each	35	\$2,196.00	\$76,860.00	\$2,500.00	\$87,500.00
69	Furnish and Install 48" Diameter MH	Each	6	\$2,700.00	\$16,200.00	\$2,500.00	\$15,000.00
70	Furnish and Install 60" Diameter MH	Each	9	\$3,782.00	\$34,038.00	\$3,750.00	\$33,750.00
71	Furnish and Install 72" Diameter MH	Each	5	\$4,363.00	\$21,815.00	\$4,500.00	\$22,500.00
72	Furnish and Install 96" Diameter MH	Each	5	\$6,241.00	\$31,205.00	\$6,900.00	\$34,500.00
73	Furnish and Install 108" Diameter MH	Each	1	\$8,146.00	\$8,146.00	\$10,000.00	\$10,000.00
74	Furnish and Install 120" Diameter MH	Each	2	\$9,961.00	\$19,922.00	\$10,200.00	\$20,400.00
75	Furnish and Install 8'x3' MH	Each	1	\$7,276.00	\$7,276.00	\$8,500.00	\$8,500.00
76	Furnish and Install Trench Backfill, Storm	Tons	1280	\$4.90	\$6,272.00	\$15.00	\$19,200.00
76A	Televise New Storm Sewer Pipe	LF	2107	\$2.00	\$4,214.00	\$1.00	\$2,107.00
76B	Furnish & Install Type "J" Casting (R-1689-B), Storm	Each	1	\$700.00	\$700.00	\$700.00	\$700.00
76C	Furnish & Install 6' x 6' Concrete Flat Top Manhole Section (8" thickness)	Each	1	\$2,486.00	\$2,486.00	\$6,000.00	\$6,000.00

WS-21-2 CUSTER STREET (S 29TH - S 39TH ST) - SANITARY SEWERS			\$429,485.04		\$558,143.25	
77 Construction Staking, Sanitary Sewers (Pipe & Structures)	LS	1	\$1,947.21	\$1,947.21	\$1,947.25	\$1,947.25
78 Sanitary Manholes	VF	179.2	\$613.00	\$109,849.60	\$335.00	\$60,032.00
79 Removing Sanitary Manholes	Each	21	\$625.00	\$13,125.00	\$1,000.00	\$21,000.00
80 Type J Casting (R-1550-A), with "T" Gasket	Each	20	\$424.00	\$8,480.00	\$750.00	\$15,000.00
81 Furnish and Install Trench Backfill, Sanitary	Tons	1255	\$14.90	\$18,699.50	\$15.00	\$18,825.00
82 Furnish and Relay Sanitary Sewer 6-Inch	LF	40	\$76.00	\$3,040.00	\$155.00	\$6,200.00
83 Furnish and Relay Sanitary Sewer 8-Inch	LF	409	\$81.97	\$33,525.73	\$160.00	\$65,440.00
84 Furnish and Relay Sanitary Sewer 10-Inch	LF	1378	\$91.00	\$125,398.00	\$168.00	\$231,504.00
85 Furnish and Relay Sanitary Sewer 12-Inch	LF	20	\$118.70	\$2,374.00	\$300.00	\$6,000.00
86 Furnish and Relay Sanitary Sewer 24-Inch	LF	20	\$153.00	\$3,060.00	\$600.00	\$12,000.00
87 Sanitary Lateral, 6-Inch	LF	774	\$134.00	\$103,716.00	\$148.00	\$114,552.00
87A Televiser Sanitary Sewer Pipe	LF	3135	\$2.00	\$6,270.00	\$1.80	\$5,643.00
WS-21-2 CUSTER STREET (S 29TH - S 35TH ST) - WATERMAIN			\$344,128.65		\$343,685.65	
88 Construction Staking, Watermain (Pipe & Structures)	LS	1	\$1,905.65	\$1,905.65	\$1,905.65	\$1,905.65
89 Supply and Install 16-Inch PVC Watermain	LF	140	\$220.00	\$30,800.00	\$320.00	\$44,800.00
90 Supply and Install 8-Inch PVC Watermain	LF	1980	\$104.50	\$206,910.00	\$100.00	\$198,000.00
91 Supply and Install 16-Inch Butterfly Valves in Valve Boxes	EA	2	\$6,216.00	\$12,432.00	\$4,900.00	\$9,800.00
92 Supply and Install 8-Inch Gate Valves in Valve Boxes	EA	8	\$2,096.00	\$16,768.00	\$2,500.00	\$20,000.00
93 Supply and Install Fire Hydrant w/ 6-inch Valve on hydrant lead	EA	3	\$6,937.00	\$20,811.00	\$7,200.00	\$21,600.00
94 Tie into Existing Watermain and Abandon Existing Watermain (main line)	EA	2	\$3,464.00	\$6,928.00	\$3,000.00	\$6,000.00
95 Connect to Existing Watermain (side streets)	EA	6	\$6,379.00	\$38,274.00	\$2,950.00	\$17,700.00
96 Remove Existing Hydrant	EA	3	\$400.00	\$1,200.00	\$660.00	\$1,980.00
97 Abandon Existing Hydrant	EA	1	\$400.00	\$400.00	\$600.00	\$600.00
98 Abandon Existing Valve Manhole	EA	4	\$400.00	\$1,600.00	\$750.00	\$3,000.00
99 Abandon Existing Valves	EA	6	\$200.00	\$1,200.00	\$550.00	\$3,300.00
99A Furnish & Install Granular Trench Backfill (Watermain)	TON	1000	\$4.90	\$4,900.00	\$15.00	\$15,000.00
WS-21-2 CUSTER STREET (S 29TH - S 35TH ST) - WATERMAIN			\$24,550.00		\$24,550.00	
100 Reconnect 1 1/4" existing water service, SHORT SIDE. Attach 5# sacrificial anode to EA	EA	7	\$1,004.00	\$7,028.00	\$1,004.00	\$7,028.00
101 Reconnect 1 1/4" existing water service, LONG SIDE. Attach 5# sacrificial anode to EA	EA	2	\$2,026.00	\$4,052.00	\$2,026.00	\$4,052.00
102 Reconnect 2" existing water service, LONG SIDE. Attach 5# sacrificial anode to exist EA	EA	1	\$2,619.00	\$2,619.00	\$2,619.00	\$2,619.00
103 Reconnect 6" existing water service, LONG SIDE	EA	3	\$3,617.00	\$10,851.00	\$3,617.00	\$10,851.00
WS-21-17 CUSTER STREET (110' East of S 29th St to 600' East) - CONCRETE PAVING			\$231,883.20		\$217,267.63	
104 Mobilization	LS	1	\$39,000.00	\$39,000.00	\$19,601.45	\$19,601.45
105 Traffic Control	LS	1	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
106 Inlet Protection Type "D"	EA	7	\$105.00	\$735.00	\$125.00	\$875.00
107 Furnish, Install & Remove Stone Ditch Bag	EA	10	\$15.00	\$150.00	\$40.00	\$400.00
108 Tracking Pad	EA	1	\$0.01	\$0.01	\$1,000.00	\$1,000.00
109 Temporary Mailboxes (15 boxes per bank)	EA	1	\$100.00	\$100.00	\$1,500.00	\$1,500.00
110 Remove & Replace Mailbox (Complete Unit)	EA	2	\$90.00	\$180.00	\$250.00	\$500.00
111 Unclassified Excavation (Incl. Pavement, Curb)	CY	1411	\$17.99	\$25,383.89	\$13.00	\$18,343.00
112 Sawing Concrete Roadway, Full Depth	LF	89	\$3.00	\$267.00	\$3.15	\$280.35
113 Sawing Asphalt Driveway, Full Depth	LF	61	\$2.00	\$122.00	\$3.15	\$192.15
114 Sawing Concrete Sidewalk, Full Depth	LF	12	\$2.00	\$24.00	\$3.15	\$37.80
115 8" Concrete Pavement w/Integral Curb (Doweled)	SY	1957	\$43.99	\$86,088.43	\$47.22	\$92,409.54
116 8" Crushed Aggregate Base Course (1-1/4")	SY	2148	\$4.90	\$10,525.20	\$5.00	\$10,740.00
117 8" Breaker Run Stone Material (6" and down)	SY	2148	\$4.45	\$9,558.60	\$5.00	\$10,740.00
118 Undistributed Geo-Grid	SY	2148	\$2.25	\$4,833.00	\$3.00	\$6,444.00
119 Concrete Pavement Gap	EA	2	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00
120 1-1/4" Epoxy Coated Dowel Bars (Includes Drilling)	EA	69	\$13.00	\$897.00	\$10.81	\$745.89
121 Remove & Replace 6" Concrete Driveway & Sidewalk w/ 2" C.A.B.C.	SF	2619	\$6.55	\$17,154.45	\$7.12	\$18,647.28
122 Remove & Replace 6" Concrete Sidewalk & Driveway H.E.S. (7 bag mix) w/2" C.A.B.C.SF	SF	409	\$6.80	\$2,781.20	\$7.53	\$3,079.77
123 Remove and Replace 3" H.M.A., Type 4LT 58-28S w/2" C.A.B.C. (Driveway)	SY	29	\$144.33	\$4,185.57	\$137.95	\$4,000.55
124 Remove and Replace 6" H.M.A., Type 4LT 58-28S (RR Crossing)	SY	262	\$80.40	\$21,064.80	\$74.65	\$19,558.30
125 Tack Coat	GAL	15	\$3.89	\$58.35	\$3.85	\$57.75
126 3" Pulverized Topsoil	SY	467	\$4.20	\$1,961.40	\$4.00	\$1,868.00
127 Seed (Mixture No. 40), Fertilizer & Water	SY	467	\$1.50	\$700.50	\$2.00	\$934.00
128 Erosion Mat, Urban Class 1, Type A	SY	467	\$2.00	\$934.00	\$2.00	\$934.00
129 Ditching	LF	20	\$10.00	\$200.00	\$20.00	\$400.00
130 Pavement Marking, Epoxy, 4-Inch	LF	1064	\$0.45	\$478.80	\$0.45	\$478.80
131 Pavement Marking, Railroad Crossing Epoxy	EA	2	\$650.00	\$1,300.00	\$650.00	\$1,300.00
WS-21-17 CUSTER STREET (110' East of S 29th St to 600' East) - STORM SEWER			\$38,052.15		\$57,254.75	
132 Remove Existing Storm Sewer Pipe	LF	258	\$12.25	\$3,160.50	\$20.00	\$5,160.00
133 Abandon Existing Storm Sewer Pipe	LF	41	\$10.50	\$430.50	\$10.00	\$410.00
134 Removing Storm Manholes	EA	3	\$450.00	\$1,350.00	\$800.00	\$2,400.00
135 Removing Storm Inlet	EA	5	\$300.00	\$1,500.00	\$700.00	\$3,500.00
136 Furnish & Install 12" R.C.P. Class III, Storm Sewer	LF	248	\$56.70	\$14,061.60	\$102.00	\$25,296.00
137 Furnish & Install 12" R.C.P. Endwall	EA	3	\$804.00	\$2,412.00	\$373.00	\$1,119.00
138 Furnish & Install Standard Manhole, Type 1	VF	2.97	\$645.00	\$1,915.65	\$675.00	\$2,004.75
139 Furnish & Install Type 3 Catch Basin (2' X 3')	EA	5	\$1,645.00	\$8,225.00	\$2,300.00	\$11,500.00
140 Furnish & Install Type "J" Casting (R-1550-A), Storm	EA	1	\$405.00	\$405.00	\$350.00	\$350.00
141 Furnish & Install Type "H" Casting (R-3067-R), Diagonal, Storm	EA	5	\$601.00	\$3,005.00	\$400.00	\$2,000.00
142 Adjust Manhole Casting	EA	2	\$350.00	\$700.00	\$400.00	\$800.00
143 Furnish & Install Trench Backfill	TON	181	\$4.90	\$886.90	\$15.00	\$2,715.00
WS-21-17 CUSTER STREET (110' East of S 29th St to 600' East) - SANITARY SEWER			\$17,448.90		\$19,832.40	
144 Furnish & Relay 6" PVC Building Service (SDR-35)	LF	92	\$101.90	\$9,374.80	\$148.00	\$13,616.00
145 Reconnect Sanitary Building Service	EA	4	\$1,190.00	\$4,760.00	\$300.00	\$1,200.00
146 Furnish & Install Type "J" Casting (R-1550-A), with "T" Gasket	EA	2	\$724.00	\$1,448.00	\$350.00	\$700.00
147 Furnish & Install Trench Backfill	TON	249	\$4.90	\$1,220.10	\$15.00	\$3,735.00
148 Televiser Sanitary Sewer Pipe	LF	323	\$2.00	\$646.00	\$1.80	\$581.40
WS-21-17 CUSTER STREET (STA 14+50 TO STA 15+75) - WATER MAIN			\$27,354.00		\$23,550.00	
149 Supply and Install 8-Inch PVC Watermain	LF	140	\$131.30	\$18,382.00	\$120.00	\$16,800.00
150 Tie into Existing Watermain and Abandon Existing Watermain (main line)	EA	2	\$4,286.00	\$8,572.00	\$3,000.00	\$6,000.00
151 Abandon Existing Valve Manhole	EA	1	\$400.00	\$400.00	\$750.00	\$750.00
WS-21-17 CUSTER STREET (CUSTER STREET) - WATER MAIN (FIXED PRICING)			\$3,593.00		\$3,593.00	
152 Reconnect 1 1/4" existing water service, LONG SIDE. Attach 5# sacrificial anode to EA	EA	1	\$2,026.00	\$2,026.00	\$2,026.00	\$2,026.00
153 Reconnect 2" existing water service, SHORT SIDE. Attach 5# sacrificial anode to exis EA	EA	1	\$1,567.00	\$1,567.00	\$1,567.00	\$1,567.00
WS-21-17 CUSTER STREET (CUSTER STREET) - WATER MAIN (ALTERNATE PRICING)			\$1,470.00		\$4,500.00	
WA 1 Granular Backfill	CY	150	\$9.80	\$1,470.00	\$30.00	\$4,500.00
BASE BID TOTAL:			\$3,469,845.90		\$3,921,792.43	