

**Final Opinion of Probable Cost
Segment 1 Trail Improvements, City of Oelwein, Iowa**

Division 1 (Segment 1a)

NO.	CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	2010-108-C	CLEARING AND GRUBBING	1	LS	\$ 2,000.00	\$ 2,000
2	2010-108-E	EXCAVATION, CLASS 10	94	CY	\$ 8.00	\$ 752
3	2010-108-I	SUBBASE, MODIFIED, 4" THICK	589	SY	\$ 4.75	\$ 2,798
4	4040-108-A	SUBDRAIN, HDPE, 4" DIA	75	LF	\$ 8.00	\$ 600
5	5010-108-E-1	WATER SERVICE PIPE, 3/4" COPPER	30	LF	\$ 30.00	\$ 900
6	5010-999-A	INSTALLATION OF DRINKING FOUNTAIN	1	EA	\$ 750.00	\$ 750
7	7010-108-A	PAVEMENT, PCC, 6" THICK	20	SY	\$ 65.00	\$ 1,300
8	7010-108-E	CURB AND GUTTER, PCC, 30" WIDE, 6" THICK	25	LF	\$ 35.00	\$ 875
9	7030-108-A	REMOVAL OF SIDEWALK	333	SY	\$ 8.00	\$ 2,664
10	7030-108-B	REMOVAL OF CURB	25	LF	\$ 8.00	\$ 200
11	7030-108-C	SHARED USE PATH, PCC, 5" THICK, 8' WIDE	493	SY	\$ 41.00	\$ 20,213
12	7030-108-G	DETECTABLE WARNING	16	SF	\$ 50.00	\$ 800
13	7030-999-A	BRIDGE ABUTMENT CONNECTION	1	LS	\$ 1,000.00	\$ 1,000
14	8030-108-A	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 1,500.00	\$ 1,500
15	8040-108-B	REMOVE AND REINSTALL SIGN PER PLAN	1	EA	\$ 75.00	\$ 75
16	8040-108-C	STEEL BREAKAWAY SIGN POSTS	36	LF	\$ 15.00	\$ 540
17	8040-108-D	SIGNS, SHEET ALUMINUM	8.11	SF	\$ 32.00	\$ 260
18	8040-108-E	SIGN, INSTALL	3	EA	\$ 50.00	\$ 150
19	9010-108-A	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING	0.3	AC	\$ 4,500.00	\$ 1,350
20	9040-108-J	RIP RAP, CLASS E	138	TON	\$ 42.00	\$ 5,796
21	9040-108-R	TURF REINFORCEMENT MATS, TYPE 3	2	SQ	\$ 200.00	\$ 300
22	9072-108-A	COMBINED CONCRETE SIDEWALK AND RETAINING WALL, 6" THICK, REINFORCED	4	CY	\$ 400.00	\$ 1,600
23	11,010-108-A	CONSTRUCTION SURVEY	1	LS	\$ 1,500.00	\$ 1,500
24	11,020-108-A	MOBILIZATION	1	LS	\$ 2,000.00	\$ 2,000

DIVISION 1 ESTIMATED TOTAL AMOUNT \$ 49,922

Division 2 (Segment 1c)

NO.	CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	2010-108-C	CLEARING AND GRUBBING	1	LS	\$ 12,000.00	\$ 12,000
2	2010-108-E	EXCAVATION, CLASS 10	2,415	CY	\$ 8.00	\$ 19,320
3	2010-108-F	CORE OUT EXCAVATION	300	CY	\$ 12.00	\$ 3,600
4	2010-108-I	SUBBASE, MODIFIED, 6" THICK	5,904	SY	\$ 7.00	\$ 41,328
5	2010-108-J-2-c	REMOVAL OF KNOWN PIPE CULVERT	40	LF	\$ 10.00	\$ 400
6	2010-108-M	STABILIZATION MATERIAL	600	TON	\$ 20.00	\$ 12,000
7	4030-108-A-1	PIPE CULVERT, TRENCHED, RCP, 12" DIA.	120	LF	\$ 45.00	\$ 5,400
8	4030-108-A-1	PIPE CULVERT, TRENCHED, RCP, 15" DIA.	66	LF	\$ 55.00	\$ 3,630
9	4030-108-A-1	PIPE CULVERT, TRENCHED, RCAP, 42" DIA. EQUIVALENT	24	LF	\$ 300.00	\$ 7,200
10	4030-108-B	PIPE APRON, RCP, 12" DIA.	6	EA	\$ 750.00	\$ 4,500
11	4030-108-B	PIPE APRON, RCP, 15" DIA.	2	EA	\$ 850.00	\$ 1,700
12	4030-108-B	PIPE APRON, RCAP, 42" DIA. EQUIVALENT	2	EA	\$ 2,500.00	\$ 5,000
13	4030-108-C	FOOTINGS FOR CONCRETE PIPE APRONS (42" EQUIV. RCAP)	2	EA	\$ 500.00	\$ 1,000
14	7010-108-A	PAVEMENT, PCC, 7" THICK	60	SY	\$ 65.00	\$ 3,900
15	7030-108-A	REMOVAL OF SIDEWALK	105	SY	\$ 8.00	\$ 840
16	7030-108-B	REMOVAL OF CURB	19	LF	\$ 8.00	\$ 152
17	7010-108-E	CURB AND GUTTER, PCC	19	LF	\$ 40.00	\$ 760
18	7030-108-C	SHARED USE PATH, PCC, 5" THICK. 8' WIDE	4,441	SY	\$ 41.00	\$ 182,081
19	7030-108-C	SHARED USE PATH, PCC, 6" THICK. 8' WIDE, REINFORCED	89	SY	\$ 44.00	\$ 3,916
20	7030-108-C	SHARED USE PATH, PCC, 7" THICK. 8' WIDE, REINFORCED	125	SY	\$ 48.00	\$ 6,000
21	7030-108-C	SHARED USE PATH, PCC, 8" THICK. 8' WIDE, REINFORCED	67	SY	\$ 55.00	\$ 3,685
22	7030-108-G	DETECTABLE WARNING	28	SF	\$ 50.00	\$ 1,400
23	7030-108-H-2	DRIVEWAY, GRANULAR	81	TON	\$ 21.00	\$ 1,701
24	7040-108-H	PAVEMENT REMOVAL	31	SY	\$ 8.00	\$ 248
25	8030-108-A	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 1,500.00	\$ 1,500
26	8040-108-B	REMOVE AND REINSTALL SIGN PER PLAN	2	EA	\$ 75.00	\$ 150
27	8040-108-C	STEEL BREAKAWAY SIGN POSTS	400	LF	\$ 15.00	\$ 6,000
28	8040-108-D	SIGNS, SHEET ALUMINUM	93.11	SF	\$ 32.00	\$ 2,980
29	8040-108-E	SIGN, INSTALL	35	EA	\$ 50.00	\$ 1,750

30	9010-108-A	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING (TYPE 1 PERMANENT LAWN MIX)	3.5	AC	\$ 4,000.00	\$ 14,000
31	9010-108-A	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING (TYPE 4 URBAN TEMPORARY EROSION CONTROL MIXTURE)	3.5	AC	\$ 2,500.00	\$ 8,750
32	9040-108-J	RIP RAP, CLASS E	35	TON	\$ 42.00	\$ 1,470
33	9040-108-N-1	SILT FENCE OR SILT FENCE DITCH CHECK	160	LF	\$ 4.00	\$ 640
34	9040-108-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	160	LF	\$ 1.00	\$ 160
35	9040-108-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	160	LF	\$ 1.00	\$ 160
36	9040-108-O-1	STABILIZED CONSTRUCTION ENTRANCE	215	SY	\$ 15.00	\$ 3,225
37	9040-108-R	TURF REINFORCEMENT MATS, TYPE 3	22	SQ	\$ 175.00	\$ 3,850
38	9060-108-E	REMOVAL OF FENCE	155	LF	\$ 5.00	\$ 775
39	11,010-108-A	CONSTRUCTION SURVEY	1	LS	\$ 12,000.00	\$ 12,000
40	11,020-108-A	MOBILIZATION	1	LS	\$ 23,000.00	\$ 23,000

DIVISION 2 ESTIMATED TOTAL AMOUNT \$ 402,171

DIVISION 1 + DIVISION 2 ESTIMATED TOTAL AMOUNT \$ 452,093

Dated: March 4, 2020

Jon Biederman, PE, LSI
Branch Manager