

Final Opinion of Probable Cost
Segment 2 Trail Improvements, Oelwein, Iowa
Project No. 21-1205

NO.	CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	2010-C	CLEARING AND GRUBBING	1	LS	\$ 20,000.00	\$ 20,000.00
2	2010-E	EXCAVATION, CLASS 10	2,400	CY	\$ 11.00	\$ 26,400.00
3	2010-G	SUBGRADE PREPARATION	2,838	SY	\$ 2.00	\$ 5,676
4	2010-H	GRANULAR STABILIZATION	200	TON	\$ 32.00	\$ 6,400
5	2010-J	SUBBASE, MODIFIED, 6" THICK	2,838	SY	\$ 8.00	\$ 22,704.00
6	2010-K-1	REMOVAL OF STRUCTURE, PCC STAIRS	2	EA	\$ 400.00	\$ 800
7	4030-A-1	PIPE CULVERT, TRENCHED, RCP, 12" DIA.	16	LF	\$ 56.00	\$ 896.00
8	4030-A-1	PIPE CULVERT, TRENCHED, RC ARCH, 51"X31" DIA.	32	LF	\$ 185.00	\$ 5,920.00
9	4030-B	PIPE APRON, RCP, 12" DIA.	2	EA	\$ 850.00	\$ 1,700.00
10	4030-B	PIPE APRON, RC ARCH, 51"X31"	2	EA	\$ 2,200.00	\$ 4,400.00
11	4030-C	FOOTING FOR CONCRETE PIPE APRON, RCP, 51"X31"	2	EA	\$ 400.00	\$ 800
12	5020-999-A	FIRE HYDRANT RELOCATION	1	EA	\$ 3,000.00	\$ 3,000.00
13	7030-A-1	REMOVAL OF SIDEWALK	560	SY	\$ 8.00	\$ 4,480.00
14	7030-A-3	REMOVAL OF DRIVEWAY, PCC	28	SY	\$ 8.00	\$ 224
15	7030-B	REMOVAL OF CURB	10	LF	\$ 40.00	\$ 400
16	7030-C	SHARED USE PATH, PCC, 6" THICK. 8' WIDE	1,917	SY	\$ 58.00	\$ 111,186.00
17	7030-C	SHARED USE PATH, PCC, 6" THICK REINFORCED. 8' WIDE	28	SY	\$ 68.00	\$ 1,904.00
18	7030-E	SIDEWALK, PCC, 5" THICK.	27	SY	\$ 65.00	\$ 1,755.00
19	7030-G	DETECTABLE WARNING	122	SF	\$ 55.00	\$ 6,710.00
20	7030-H-1	DRIVEWAY, PAVED, PCC, 6" THICK REINFORCED	117	SY	\$ 70.00	\$ 8,190.00
21	7030-H-1	DRIVEWAY, PAVED, PCC, 8" THICK	225	SY	\$ 75.00	\$ 16,875.00
22	7030-H-3	DRIVEWAY, CLASS A ROAD STONE, 12" THICK	100	TON	\$ 24.50	\$ 2,450.00
23	7030-999-A	REMOVAL & SALVAGE OF DRIVEWAY, CLASS A CRUSHED STONE	340	SY	\$ 8.00	\$ 2,720
24	7040-A	FULL DEPTH PATCHES, PCC	16	SY	\$ 150.00	\$ 2,400
25	7040-999-A	POURED CONCRETE WALL REMOVAL	1	LS	\$ 7,000.00	\$ 7,000
26	8030-A	TEMPORARY TRAFFIC CONTROL	1	LS	\$ 7,500.00	\$ 7,500.00
27	8040-A	TRAFFIC SIGNS AND POSTS, TRAIL, FURNISH AND INSTALL	30	EA	\$ 250.00	\$ 7,500.00
28	8040-I	REMOVE AND REINSTALL TRAFFIC SIGNS	2	EA	\$ 150.00	\$ 300.00
29	9010-A	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING (TYPE 1 PERMANENT LAWN MIX)	1.2	AC	\$ 4,500.00	\$ 5,400.00

FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

NO.	CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
30	9010-A	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING (TYPE 4 URBAN TEMPORARY EROSION CONTROL MIXTURE)	1.2	AC	\$ 2,500.00	\$ 3,000.00
31	9040-E	TEMPORARY RECP, (TYPE) 2C	885	SY	\$ 3.00	\$ 2,655
32	9040-J	RIP RAP, CLASS E	500	TON	\$ 40.00	\$ 20,000.00
33	9040-F-1	WATTLE, INSTALLATION	110	LF	\$ 4.00	\$ 440
34	9040-F-1	WATTLE, REMOVAL	110	LF	\$ 4.00	\$ 440
35	9040-N-1	SILT FENCE OR SILT FENCE DITCH CHECK	890	LF	\$ 5.00	\$ 4,450.00
36	9040-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	890	LF	\$ 1.00	\$ 890.00
37	9040-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	890	LF	\$ 1.00	\$ 890.00
38	9040-O-2	TRACK-OUT CONTROL	50	TON	\$ 40.00	\$ 2,000
39	9040-T-1	INLET PROTECTION DEVICE, WATTLES	1	EA	\$ 50.00	\$ 50
40	9040-T-2	INLET PROTECTION DEVICE, MAINTENANCE AND REMOVAL	1	EA	\$ 50.00	\$ 50
41	9080-A	CONCRETE STEPS, TYPE B	29.2	SF	\$ 150.00	\$ 4,380
42	9080-B	HANDRAIL	11.0	LF	\$ 150.00	\$ 1,650
43	9999-A	BOLLARD, 6" DIA. STEEL, REMOVABLE	2	EA	\$ 1,000.00	\$ 2,000.00
44	11,020-A	MOBILIZATION	1	LS	\$ 30,000.00	\$ 30,000.00
45	2429-0000100	PRE-ENGINEERED STEEL TRUSS TRAIL BRIDGE WITH EXPRESS ABUTMENTS	1	EA	\$ 125,000.00	\$ 125,000.00

ESTIMATED AMOUNT 483,585.00

Dated: May 7, 2025


 Jon Biederman, PE, LSI
 Senior Project Manager