

**Preliminary Opinion of Probable Cost
Trail Improvements, City of Oelwein, Iowa**

Segment 1a: Replacement of existing sidewalk with 8' trail from Aquatic Center to 5th Street (435').

| NO. | CODE | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | TOTAL PRICE |
|-----|--------------|--|----------|------|-------------|-------------|
| 1 | 2010-108-E-0 | EXCAVATION, CLASS 10 | 141 | CY | \$ 8.00 | \$ 1,128 |
| 2 | 2010-108-I-0 | SUBBASE, CRUSHED STONE, 4" THICK | 484 | SY | \$ 4.75 | \$ 2,299 |
| 3 | 7030-108-A-0 | REMOVAL OF SIDEWALK | 250 | SY | \$ 8.00 | \$ 2,000 |
| 4 | 7030-108-E-0 | TRAIL, PCC, 5" THICK, 8' WIDE | 400 | SY | \$ 45.00 | \$ 18,000 |
| 5 | 7030-108-G-0 | DETECTABLE WARNING | 16 | SF | \$ 50.00 | \$ 800 |
| 6 | 7040-108-A-0 | FULL DEPTH PATCHES | 10 | SY | \$ 120.00 | \$ 1,200 |
| 7 | 9010-108-A-0 | CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING | 0.3 | AC | \$ 4,500.00 | \$ 1,350 |
| 8 | 11,010-108-A | CONSTRUCTION SURVEY | 1 | LS | \$ 1,500.00 | \$ 1,500 |
| 9 | 11,020-108-A | MOBILIZATION | 1 | LS | \$ 2,000.00 | \$ 2,000 |

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| ESTIMATED CONTRACT AMOUNT | \$ 30,277 |
| Construction Contingency (10%) | \$ 3,028 |
| Engineering Design, Construction Services, Project Administration | \$ 5,000 |
| ESTIMATED PROJECT TOTAL | \$ 38,305 |

Dated: December 18, 2019

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Segment 1b: On-street pavement markings and signage between 5th Avenue NE and 3rd Avenue NW.
Total length is 3,660 LF (0.69 mile).

| NO. | CODE | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | TOTAL PRICE |
|-----|--------------|-----------------------------|----------|------|------------|-------------|
| 1 | 8020-108-G-0 | PAINTED SYMBOLS AND LEGENDS | 38 | EA | \$ 30.00 | \$ 1,140 |
| 2 | 8040-108-E-0 | SIGN, INSTALL | 14 | EA | \$ 150.00 | \$ 2,100 |

ESTIMATED CONTRACT AMOUNT \$ 3,240
Engineering Design, Project Administration \$ 750

ESTIMATED PROJECT TOTAL \$ 3,990

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Segment 1c: Off-road 8' wide PCC trail starting at the intersection of 3rd Ave. NW and 6th St. NW, westerly to Great Western Ave., then southeasterly generally paralleling the rail road tracks to the easterly end of the viaduct at West Charles Street.

| NO. | CODE | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | TOTAL PRICE |
|-----|----------------|---|----------|------|--------------|-------------|
| 1 | 2010-108-C-0 | CLEARING AND GRUBBING | 1 | LS | \$ 12,000.00 | \$ 12,000 |
| 2 | 2010-108-E-0 | EXCAVATION, CLASS 10 | 1,800 | CY | \$ 8.00 | \$ 14,400 |
| 3 | 2010-108-F-0 | CORE OUT EXCAVATION | 300 | CY | \$ 12.00 | \$ 3,600 |
| 4 | 2010-108-I-0 | SUBBASE, CRUSHED STONE, 6" THICK | 5,991 | SY | \$ 7.00 | \$ 41,937 |
| 5 | 2010-108-J-2-c | REMOVAL OF KNOWN PIPE CULVERT | 40 | LF | \$ 10.00 | \$ 400 |
| 6 | 2010-108-M-0 | STABILIZATION MATERIAL | 600 | TON | \$ 16.00 | \$ 9,600 |
| 7 | 4030-108-A-1 | PIPE CULVERT, TRENCHED, HDPE, 30" DIA. | 60 | LF | \$ 80.00 | \$ 4,800 |
| 8 | 4030-108-A-1 | PIPE CULVERT, TRENCHED, RCP, 30" DIA. | 24 | LF | \$ 110.00 | \$ 2,640 |
| 9 | 4030-108-A-1 | PIPE CULVERT, TRENCHED, RCP, 15" DIA. | 160 | LF | \$ 55.00 | \$ 8,800 |
| 10 | 4030-108-B-0 | PIPE APRON, HDPE, 30" DIA. | 2 | EA | \$ 500.00 | \$ 1,000 |
| 11 | 4030-108-B-0 | PIPE APRON, RCP, 30" DIA. | 2 | EA | \$ 1,200.00 | \$ 2,400 |
| 12 | 4030-108-B-0 | PIPE APRON, RCP, 15" DIA. | 4 | EA | \$ 600.00 | \$ 2,400 |
| 13 | 7030-108-A-0 | REMOVAL OF SIDEWALK | 87 | SY | \$ 8.00 | \$ 696 |
| 14 | 7030-108-C-0 | SHARED USE PATH, PCC, 5" THICK. 8' WIDE | 4,793 | SY | \$ 41.00 | \$ 196,513 |
| 15 | 7030-108-G-0 | DETECTABLE WARNING | 26 | SF | \$ 50.00 | \$ 1,300 |
| 16 | 8030-108-A-0 | TEMPORARY TRAFFIC CONTROL | 1 | LS | \$ 1,500.00 | \$ 1,500 |
| 17 | 8040-108-E-0 | SIGN, INSTALL | 20 | EA | \$ 150.00 | \$ 3,000 |
| 18 | 9010-108-A-0 | CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING | 3.5 | AC | \$ 2,500.00 | \$ 8,750 |
| 19 | 9040-108-N-1 | SILT FENCE OR SILT FENCE DITCH CHECK | 200 | LF | \$ 4.00 | \$ 800 |
| 20 | 9040-108-N-2 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT | 200 | LF | \$ 1.00 | \$ 200 |
| 21 | 9040-108-N-3 | SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE | 200 | LF | \$ 1.00 | \$ 200 |
| 22 | 9040-108-O-1 | STABILIZED CONSTRUCTION ENTRANCE | 250 | SY | \$ 10.00 | \$ 2,500 |
| 23 | 11,010-108-A | CONSTRUCTION SURVEY | 1 | LS | \$ 12,000.00 | \$ 12,000 |
| 24 | 11,020-108-A | MOBILIZATION | 1 | LS | \$ 23,000.00 | \$ 23,000 |

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|---|-------------------|
| ESTIMATED CONTRACT AMOUNT | \$ 354,436 |
| Construction Contingency (10%) | \$ 35,444 |
| Engineering Design, Construction Services, Project Administration | \$ 66,000 |
| ESTIMATED PROJECT TOTAL | \$ 455,880 |

Dated: December 18, 2019