

FINAL COST ESTIMATE - IOWA 281 IN FAIRBANK - PROJECT NO. STPN-281-2(10)--2J-10; 22-1100; LETTING 1/18/2023

Item No.	Item Code	Item	DIVISION 1 CITY	DIVISION 2 DOT 3R	TOTAL QUANTITY	Unit	As Built Qty.	UNIT PRICE	DIVISION 1 CITY	DIVISION 2 DOT 3R	TOTAL PRICE
1	2101-0850001	CLEARING AND GRUBBING	0.1		0.1	ACRE		\$20,000.00	\$2,000.00	\$0.00	\$2,000.00
2	2102-2625000	EMBANKMENT-IN-PLACE	692		692	CY		\$20.00	\$13,840.00	\$0.00	\$13,840.00
3	2102-2710090	EXCAVATION, CLASS 10, WASTE	1203	2170	3373	CY		\$11.00	\$13,233.00	\$23,870.00	\$37,103.00
4	2115-0100000	MODIFIED SUBBASE	3450	5860	9310	TON		\$19.00	\$65,550.00	\$111,340.00	\$176,890.00
5	2212-0475095	CLEANING AND PREPARATION OF BASE		0.33	0.33	MILE		\$10,000.00	\$0.00	\$3,300.00	\$3,300.00
6	2212-5070310	PATCHES, FULL-DEPTH REPAIR		15.5	15.5	SY		\$150.00	\$0.00	\$2,325.00	\$2,325.00
7	2212-5070330	PATCHES BY COUNT (REPAIR)		2	2	EACH		\$200.00	\$0.00	\$400.00	\$400.00
8	2212-5075001	HOT MIX ASPHALT SURFACE PATCHES		10	10	TON		\$120.00	\$0.00	\$1,200.00	\$1,200.00
9	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING		152.4	152.4	CY		\$14.00	\$0.00	\$2,133.60	\$2,133.60
10	2213-8201040	BASE WIDENING, 4 IN. HOT MIX ASPHALT MIXTURE		457	457	SY		\$25.00	\$0.00	\$11,425.00	\$11,425.00
11	2214-5145150	PAVEMENT SCARIFICATION		4861.1	4861.1	SY		\$2.50	\$0.00	\$12,152.75	\$12,152.75
12	2301-1033070	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	3352.7		3352.7	SY		\$75.00	\$251,452.50	\$0.00	\$251,452.50
13	2301-1033090	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9 IN.	555.6	7771.1	8326.7	SY		\$70.00	\$38,892.00	\$543,977.00	\$582,869.00
14	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES		1	1	LS		\$4,000.00	\$0.00	\$4,000.00	\$4,000.00
15	2301-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)		1	1	EACH		\$1.00	\$0.00	\$1.00	\$1.00
16	2303-1042500	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	30		30	TON		\$110.00	\$3,300.00	\$0.00	\$3,300.00
17	2303-1043504	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	30	590	620	TON		\$105.00	\$3,150.00	\$61,950.00	\$65,100.00
18	2303-1258284	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	3.6	36.5	40.1	TON		\$900.00	\$3,240.00	\$32,850.00	\$36,090.00
19	2303-9093010	HOT MIX ASPHALT, DRIVEWAY	981		981	SY		\$55.00	\$53,955.00	\$0.00	\$53,955.00
20	2317-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)		1	1	EACH		\$1.00	\$0.00	\$1.00	\$1.00
21	2401-6745356	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	12		12	EACH		\$500.00	\$6,000.00	\$0.00	\$6,000.00
22	2401-6745765	REMOVAL OF LIGHT POLES	16		16	EACH		\$400.00	\$6,400.00	\$0.00	\$6,400.00
23	2416-0100018	APRONS, CONCRETE, 18 IN. DIA.	0.67	0.33	1	EACH		\$2,750.00	\$1,842.50	\$907.50	\$2,750.00
24	2435-0140148	MANHOLE, STORM SEWER, SW-401, 48 IN.	1		1	EACH		\$4,500.00	\$4,500.00	\$0.00	\$4,500.00
25	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN.	1		1	EACH		\$5,000.00	\$5,000.00	\$0.00	\$5,000.00
26	2435-0250100	INTAKE, SW-501	11		11	EACH		\$4,000.00	\$44,000.00	\$0.00	\$44,000.00
27	2435-0250310	INTAKE, SW-503 MODIFIED	1		1	EACH		\$5,000.00	\$5,000.00	\$0.00	\$5,000.00
28	2435-0250500	INTAKE, SW-505	10.67	0.33	11	EACH		\$4,750.00	\$50,682.50	\$1,567.50	\$52,250.00
29	2435-0250610	INTAKE, SW-506, MODIFIED	4		4	EACH		\$5,500.00	\$22,000.00	\$0.00	\$22,000.00
30	2435-0250700	INTAKE, SW-507	1		1	EACH		\$5,250.00	\$5,250.00	\$0.00	\$5,250.00
31	2435-0250710	INTAKE, SW-507, MODIFIED	1		1	EACH		\$5,000.00	\$5,000.00	\$0.00	\$5,000.00
32	2435-0251110	INTAKE, SW-511, MODIFIED	2	1	3	EACH		\$4,500.00	\$9,000.00	\$4,500.00	\$13,500.00
33	2435-0251230	INTAKE, SW-512, 30 IN.	3	3	6	EACH		\$3,250.00	\$9,750.00	\$9,750.00	\$19,500.00
34	2435-0600010	MANHOLE ADJUSTMENT, MINOR	2	3	5	EACH		\$1,000.00	\$2,000.00	\$3,000.00	\$5,000.00
35	2502-8212306	SUBDRAIN, STANDARD, PERFORATED, 6 IN., AS PER PLAN	123.5	3233.4	3356.9	LF		\$14.00	\$1,729.00	\$45,267.60	\$46,996.60
36	2502-8212406	SUBDRAIN, STANDARD, NON-PERFORATED, 6 IN., AS PER PLAN	348.1		348.1	LF		\$18.00	\$6,265.80	\$0.00	\$6,265.80
37	2502-8221303	SUBDRAIN OUTLET, DR-303	18	30	48	EACH		\$600.00	\$10,800.00	\$18,000.00	\$28,800.00
38	2503-0114212	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	64	16	80	LF		\$65.00	\$4,160.00	\$1,040.00	\$5,200.00
39	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	989	115	1104	LF		\$60.00	\$59,340.00	\$6,900.00	\$66,240.00
40	2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	1099	258	1357	LF		\$75.00	\$82,425.00	\$19,350.00	\$101,775.00
41	2503-0114224	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	390		390	LF		\$90.00	\$35,100.00	\$0.00	\$35,100.00
42	2503-0114230	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	195		195	LF		\$125.00	\$24,375.00	\$0.00	\$24,375.00
43	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	2069		2069	LF		\$13.00	\$26,897.00	\$0.00	\$26,897.00
44	2503-0200341	STORM SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	578		578	LF		\$15.00	\$8,670.00	\$0.00	\$8,670.00
45	2507-3250005	ENGINEERING FABRIC	117	13	130	SY		\$6.00	\$702.00	\$78.00	\$780.00
46	2507-4011100	CONCRETE GROUT FOR REVETMENT OR GABION	12	3	15	CY		\$20.00	\$240.00	\$60.00	\$300.00
47	2507-6800032	REVETMENT, CLASS C	211	24	235	TON		\$70.00	\$14,770.00	\$1,680.00	\$16,450.00
48	2510-6745850	REMOVAL OF PAVEMENT	4402.1	7567.2	11969.3	SY		\$10.00	\$44,021.00	\$75,672.00	\$119,693.00
49	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	35		35	EACH		\$600.00	\$21,000.00	\$0.00	\$21,000.00
50	2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	155	49.9	204.9	LF		\$40.00	\$6,200.00	\$1,996.00	\$8,196.00
51	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	315		315	SY		\$75.00	\$23,625.00	\$0.00	\$23,625.00

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52	2515-6745600	REMOVAL OF PAVED DRIVEWAY	1411.7		1411.7	SY		\$8.00	\$11,293.60	\$0.00	\$11,293.60
53	2517-4225210	RAILROAD APPROACH SECTION, P.C.C.		124.3	124.3	SY		\$120.00	\$0.00	\$14,916.00	\$14,916.00
54	2520-3350015	FIELD OFFICE		1	1	EACH		\$5,000.00	\$0.00	\$5,000.00	\$5,000.00
55	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	6	6	12	EACH		\$300.00	\$1,800.00	\$1,800.00	\$3,600.00
56	2526-8285000	CONSTRUCTION SURVEY	0.6	0.4	1	LS		\$30,000.00	\$18,000.00	\$12,000.00	\$30,000.00
57	2527-9263109	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	135.36	62.32	197.68	STA		\$30.00	\$4,060.80	\$1,869.60	\$5,930.40
58	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	8	1	9	EACH		\$200.00	\$1,600.00	\$200.00	\$1,800.00
59	2528-2518000	SAFETY CLOSURE	5	3	8	EACH		\$200.00	\$1,000.00	\$600.00	\$1,600.00
60	2528-8400256	TEMPORARY TRAFFIC SIGNALS	1	1	2	EACH		\$8,000.00	\$8,000.00	\$8,000.00	\$16,000.00
61	2528-8445110	TRAFFIC CONTROL	1	1	2	LS		\$10,000.00	\$10,000.00	\$10,000.00	\$20,000.00
62	2528-8445113	FLAGGERS	20	80	100	EACH		\$500.00	\$10,000.00	\$40,000.00	\$50,000.00
63	2528-8445115	PILOT CARS		4	4	EACH		\$700.00	\$0.00	\$2,800.00	\$2,800.00
64	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)		16	16	CDAY		\$100.00	\$0.00	\$1,600.00	\$1,600.00
65	2533-4980005	MOBILIZATION	0.6	0.4	1	LS		\$120,000.00	\$72,000.00	\$48,000.00	\$120,000.00
66	2552-0000300	TRENCH COMPACTION TESTING	1	1	1	LS		\$7,000.00	\$7,000.00	\$0.00	\$7,000.00
67	2554-0112004	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP) 4 IN.	55		55	LF		\$150.00	\$8,250.00	\$0.00	\$8,250.00
68	2554-0112006	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP) 6 IN.	238		238	LF		\$75.00	\$17,850.00	\$0.00	\$17,850.00
69	2554-0112008	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP) 8 IN.	8		8	LF		\$200.00	\$1,600.00	\$0.00	\$1,600.00
70	2554-0112010	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP) 10 IN.	1691		1691	LF		\$110.00	\$186,010.00	\$0.00	\$186,010.00
71	2554-0203000	FITTINGS BY WEIGHT, DUCTILE IRON	1840		1840	LB		\$14.00	\$25,760.00	\$0.00	\$25,760.00
72	2554-0205110	WATER SERVICE STUB, COPPER, 1 IN.	853		853	LF		\$35.00	\$29,855.00	\$0.00	\$29,855.00
73	2554-0205120	WATER SERVICE STUB, COPPER, 2 IN.	51		51	LF		\$40.00	\$2,040.00	\$0.00	\$2,040.00
74	2554-0205410	WATER SERVICE CORPORATION, COPPER, 1 IN.	31		31	EACH		\$500.00	\$15,500.00	\$0.00	\$15,500.00
75	2554-0205420	WATER SERVICE CORPORATION, COPPER, 2 IN.	1		1	EACH		\$700.00	\$700.00	\$0.00	\$700.00
76	2554-0205710	WATER SERVICE CURB STOP AND BOX, COPPER, 1 IN.	30		30	EACH		\$400.00	\$12,000.00	\$0.00	\$12,000.00
77	2554-0205720	WATER SERVICE CURB STOP AND BOX, COPPER, 2 IN.	1		1	EACH		\$600.00	\$600.00	\$0.00	\$600.00
78	2554-0207004	VALVE, GATE, DIP, 4 IN.	1		1	EACH		\$1,200.00	\$1,200.00	\$0.00	\$1,200.00
79	2554-0207006	VALVE, GATE, DIP, 6 IN.	4		4	EACH		\$1,200.00	\$4,800.00	\$0.00	\$4,800.00
80	2554-0207010	VALVE, GATE, DIP, 10 IN.	8		8	EACH		\$1,800.00	\$14,400.00	\$0.00	\$14,400.00
81	2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201	5		5	EACH		\$6,000.00	\$30,000.00	\$0.00	\$30,000.00
82	2554-0210205	FIRE HYDRANT ASSEMBLY REMOVAL	5		5	EACH		\$800.00	\$4,000.00	\$0.00	\$4,000.00
83	2554-0212040	VALVE BOX ADJUSTMENT, MINOR		5	5	EACH		\$600.00	\$0.00	\$3,000.00	\$3,000.00
84	2554-0212050	VALVE BOX REMOVAL	2		2	EACH		\$200.00	\$400.00	\$0.00	\$400.00
85	2595-0005140	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR IOWA NORTHERN RAILWAY CO.		1	1	LS		\$2,500.00	\$0.00	\$2,500.00	\$2,500.00
86	2599-9999005	('EACH' ITEM) CONNECTION TO EXISTING WATER MAIN	6		6	EACH		\$1,500.00	\$9,000.00	\$0.00	\$9,000.00
87	2599-9999005	('EACH' ITEM) FOOTING FOR CONCRETE PIPE APRON, RCP, 18 IN. DIA.	0.67	0.33	1	EACH		\$1,000.00	\$670.00	\$330.00	\$1,000.00
88	2599-9999005	('EACH' ITEM) SUBDRAIN CLEANOUT		4	4	EACH		\$600.00	\$0.00	\$2,400.00	\$2,400.00
89	2599-9999005	('EACH' ITEM) WATER SERVICE REDUCER, 1 IN. TO 3/4 IN.	30		30	EACH		\$400.00	\$12,000.00	\$0.00	\$12,000.00
90	2599-9999007	('HOURS' ITEM) EXPLORATORY EXCAVATION	24		24	HOUR		\$300.00	\$7,200.00	\$0.00	\$7,200.00
91	2599-9999009	(LINEAR FEET' ITEM) WATER SERVICE, TRENCHLESS, COPPER 1 IN.	57		57	LF		\$40.00	\$2,280.00	\$0.00	\$2,280.00
92	2599-9999010	('LUMP SUM' ITEM) DECORATIVE LED LIGHTING SYSTEM	1		1	LS		\$300,000.00	\$300,000.00	\$0.00	\$300,000.00
93	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	75	418	493	LF		\$3.00	\$225.00	\$418.00	\$1,479.00
94	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	75	418	493	LF		\$1.00	\$75.00	\$5,016.00	\$493.00
95	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	16		16	LF		\$12.00	\$192.00	\$0.00	\$192.00
96	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	2		2	EACH		\$25.00	\$50.00	\$0.00	\$50.00
97	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	2		2	EACH		\$20.00	\$40.00	\$0.00	\$40.00
98	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG	29	20	49	EACH		\$160.00	\$4,640.00	\$3,200.00	\$7,840.00
99	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	29	20	49	EACH		\$50.00	\$1,450.00	\$1,000.00	\$2,450.00
100	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	29	20	49	EACH		\$30.00	\$870.00	\$600.00	\$1,470.00
101	2602-0010010	MOBILIZATIONS, EROSION CONTROL	3	2	5	EACH		\$500.00	\$1,500.00	\$1,000.00	\$2,500.00
102	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	1	1	2	EACH		\$1,000.00	\$1,000.00	\$1,000.00	\$2,000.00

Dated: November 2, 2022

JON BIEDERMAN, PE, LST
SENIOR PROJECT MANAGER

	CITY	DOT	TOTAL
ESTIMATED CONTRACT AMOUNT	\$1,836,268.70	\$1,167,943.55	\$3,000,450.25
Construction Contingency (10%)	\$184,000.00	\$117,000.00	\$300,000.00

ESTIMATED PROJECT TOTAL \$2,020,268.70 \$1,284,943.55 \$3,300,450.25