



OPINION OF PROBABLE COST
Manufacturing Drive Reconstruction
From U.S. 30 to College Avenue
Clinton, Iowa
June 2021



ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION
Manufacturing Dr - US 30 to UPRR Crossing					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,000	\$ 10.00	\$ 10,000.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	1,000	\$ 15.00	\$ 15,000.00
3	PATCHES, FULL-DEPTH REPAIR	SY	200	\$ 100.00	\$ 20,000.00
4	PATCHES BY COUNT (REPAIR)	EACH	15	\$ 300.00	\$ 4,500.00
5	REMOVAL OF FLUMES	EACH	1	\$ 1,500.00	\$ 1,500.00
6	PAVEMENT SCARIFICATION	SY	12,792	\$ 10.00	\$ 127,916.00
7	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9 IN.	SY	168	\$ 50.00	\$ 8,405.00
9	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1	\$ 2,500.00	\$ 2,500.00
10	HOT MIX ASPHALT MIXTURE INTERLAYER BASE COURSE, 3/8 IN. MIX 1 IN. DEPTH	TON	7,520	\$ 75.00	\$ 564,000.00
11	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/8 IN. MIX 2 IN. DEPTH	TON	1,487	\$ 65.00	\$ 96,655.00
12	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC (6%)	TON	132	\$ 550.00	\$ 72,600.00
13	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1	\$ 5,000.00	\$ 5,000.00
14	REMOVALS, AS PER PLAN	LS	1	\$ 2,500.00	\$ 2,500.00
15	MANHOLE ADJUSTMENT, MINOR	EACH	5	\$ 1,500.00	\$ 7,500.00
16	REMOVAL OF PAVEMENT	SY	170	\$ 20.00	\$ 3,400.00
17	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 5 IN.	SY	2,977	\$ 35.00	\$ 104,195.00
18	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	22	\$ 400.00	\$ 8,600.00
19	REMOVAL OF SIDEWALK	SY	109	\$ 10.00	\$ 1,090.00
20	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	83	\$ 50.00	\$ 4,150.00
21	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	53	\$ 55.00	\$ 2,915.00
22	DETECTABLE WARNINGS	SF	170	\$ 35.00	\$ 5,950.00
23	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	76	\$ 35.00	\$ 2,642.50
24	DRIVEWAY, PCC, 6 IN.	SY	347	\$ 65.00	\$ 22,522.50
25	DRIVEWAY, PCC, 8 IN.	SY	213	\$ 75.00	\$ 15,975.00
26	REMOVAL OF PAVED DRIVEWAY	SY	560	\$ 20.00	\$ 11,200.00
27	RAILROAD APPROACH SECTION, P.C.C.	SY	1,489	\$ 175.00	\$ 260,487.50
28	CONSTRUCTION SURVEY	LS	1	\$ 5,000.00	\$ 5,000.00
29	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	90	\$ 100.00	\$ 9,000.00
30	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	13	\$ 300.00	\$ 3,900.00
31	TRAFFIC CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00
32	VALVE BOX REPLACEMENT	EACH	3	\$ 800.00	\$ 2,400.00
33	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR UNION PACIFIC RAILROAD CO.	LS	1.0	\$ 5,000.00	\$ 5,000.00
34	('EACH' ITEM) STREET TREES	EACH	69.0	\$ 500.00	\$ 34,500.00
36	MULCHING	ACRE	1.5	\$ 1,500.00	\$ 2,250.00
37	SEEDING AND FERTILIZING (URBAN)	ACRE	1.5	\$ 4,000.00	\$ 6,000.00
38	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	1.5	\$ 2,000.00	\$ 3,000.00
39	SILT FENCE	LF	3,000	\$ 2.50	\$ 7,500.00
40	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	3,000	\$ 1.50	\$ 4,500.00
41	MAINT. OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	3,000	\$ 0.50	\$ 1,500.00
42	RAILROAD CROSSING UPDATE	LS	1	\$ 500,000.00	\$ 500,000.00
Subtotal Construction Cost					\$ 1,970,776.00
Manufacturing Dr - UPRR Crossing to College Ave and Realigned 13th Avenue West of Manufacturing Drive					
1	CLEARING AND GRUBBING	ACRE	1	\$ 5,000.00	\$ 5,000.00
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,000	\$ 10.00	\$ 10,000.00
3	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	1,000	\$ 15.00	\$ 15,000.00
4	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	50,000	\$ 5.00	\$ 250,000.00
5	SPECIAL COMPACTION OF SUBGRADE	STA	60	\$ 1,000.00	\$ 60,000.00
6	MODIFIED SUBBASE, 12 INCH	CY	12,700	\$ 40.00	\$ 508,000.00
7	RELOCATION OF MAIL BOXES	EACH	4	\$ 250.00	\$ 1,000.00
8	BRIDGE APPROACH, BR-201	SY	1,867	\$ 225.00	\$ 420,075.00
9	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9 IN.	SY	33,600	\$ 50.00	\$ 1,680,000.00
10	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9 IN. COLORED CONCRETE	SY	660	\$ 100.00	\$ 66,000.00
11	MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH	SY	94	\$ 100.00	\$ 9,400.00
12	MEDIAN, PCC, 6" COLORED	SY	713	\$ 100.00	\$ 71,300.00
13	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1	\$ 10,000.00	\$ 10,000.00
14	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	100	\$ 30.00	\$ 3,000.00
15	REMOVAL OF SIGN	LS	1	\$ 2,500.00	\$ 2,500.00
16	APRONS, CONCRETE, 15 IN DIA.	EACH	2	\$ 1,500.00	\$ 3,000.00
17	APRONS, CONCRETE, 24 IN DIA.	EACH	2	\$ 1,700.00	\$ 3,400.00
18	APRONS, CONCRETE, 30 IN. DIA.	EACH	2	\$ 1,800.00	\$ 3,600.00
19	APRONS, CONCRETE, 42 IN. DIA.	EACH	1	\$ 2,500.00	\$ 2,500.00
20	APRONS, CONCRETE, 48 IN. DIA.	EACH	1	\$ 3,000.00	\$ 3,000.00
21	APRONS, METAL, 12 IN. DIA.	EACH	2	\$ 500.00	\$ 1,000.00
22	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EACH	5	\$ 6,000.00	\$ 30,000.00
23	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	5	\$ 4,000.00	\$ 20,000.00
24	MANHOLE, STORM SEWER, SW-401, 60 IN.	EACH	3	\$ 5,500.00	\$ 16,500.00
25	MANHOLE, STORM SEWER, SW-401, 72 IN.	EACH	3	\$ 7,000.00	\$ 21,000.00
26	MANHOLE, STORM SEWER, SW-401, 84 IN.	EACH	2	\$ 9,500.00	\$ 19,000.00
27	MANHOLE, STORM SEWER, SW-402. 4 FT. X 6 FT.	EACH	2	\$ 5,500.00	\$ 11,000.00
28	INTAKE, SW-501	EACH	10	\$ 3,500.00	\$ 35,000.00
29	INTAKE, SW-502, 48 IN.	EACH	4	\$ 4,000.00	\$ 16,000.00
30	INTAKE, SW-502, 72 IN.	EACH	1	\$ 6,500.00	\$ 6,500.00
31	INTAKE, SW-503	EACH	2	\$ 6,000.00	\$ 12,000.00
32	INTAKE, SW-505	EACH	1	\$ 5,000.00	\$ 5,000.00
33	INTAKE, SW-506	EACH	1	\$ 8,500.00	\$ 8,500.00
34	INTAKE, SW-507	EACH	11	\$ 5,000.00	\$ 55,000.00
35	INTAKE, SW-508	EACH	3	\$ 5,500.00	\$ 16,500.00
36	INTAKE, SW-509	EACH	7	\$ 7,000.00	\$ 49,000.00
37	INTAKE, SW-510	EACH	5	\$ 8,000.00	\$ 40,000.00
38	INTAKE, SW-512, 24 IN.	EACH	6	\$ 2,500.00	\$ 15,000.00

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION
39	INTAKE, SW-512, 30 IN.	EACH	1	\$ 2,700.00	\$ 2,700.00
40	INTAKE, SW-512, 36 IN.	EACH	2	\$ 3,000.00	\$ 6,000.00
41	INTAKE, SW-541	EACH	11	\$ 6,000.00	\$ 66,000.00
42	INTAKE, SW-545	EACH	3	\$ 7,500.00	\$ 22,500.00
43	INTAKE, SW-546	EACH	1	\$ 8,000.00	\$ 8,000.00
44	MANHOLE ADJUSTMENT, MINOR	EACH	10	\$ 1,500.00	\$ 15,000.00
45	MANHOLE ADJUSTMENT, MAJOR	EACH	10	\$ 2,000.00	\$ 20,000.00
46	CONNECTION TO EXISTING MANHOLE	EACH	1	\$ 2,000.00	\$ 2,000.00
47	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	12,000	\$ 8.00	\$ 96,000.00
48	STORM SEWER GRAVITY MAIN, TRENCHED, 12 IN.	LF	85	\$ 80.00	\$ 6,800.00
49	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	1,184	\$ 80.00	\$ 94,720.00
50	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	1,130	\$ 90.00	\$ 101,700.00
51	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	2,282	\$ 100.00	\$ 228,200.00
52	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	101	\$ 100.00	\$ 10,100.00
53	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	685	\$ 115.00	\$ 78,775.00
54	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	2,576	\$ 150.00	\$ 386,400.00
55	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	117	\$ 200.00	\$ 23,400.00
56	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	1,700	\$ 25.00	\$ 42,500.00
57	REMOVAL OF STEEL BEAM GUARDRAIL	LF	450	\$ 12.00	\$ 5,400.00
58	REVTMENT, CLASS E	TON	5,000	\$ 50.00	\$ 250,000.00
59	REMOVAL OF PAVEMENT	SY	23,233	\$ 5.00	\$ 116,163.00
60	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	27	\$ 1,000.00	\$ 27,000.00
61	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 5 IN.	SY	5,300	\$ 35.00	\$ 185,500.00
62	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	60	\$ 400.00	\$ 24,000.00
63	REMOVAL OF SIDEWALK	SY	1,100	\$ 10.00	\$ 11,000.00
64	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	2,900	\$ 45.00	\$ 130,500.00
65	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	500	\$ 55.00	\$ 27,500.00
66	DETECTABLE WARNINGS	SF	320	\$ 35.00	\$ 11,200.00
67	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	1,100	\$ 55.00	\$ 60,500.00
68	REMOVAL OF PAVED DRIVEWAY	SY	1,100	\$ 13.00	\$ 14,300.00
69	RAILROAD APPROACH SECTION, P.C.C.	SY	45	\$ 175.00	\$ 7,875.00
70	LIGHTING POLES (HWY 30 TO COLLEGE)	EACH	60	\$ 5,000.00	\$ 300,000.00
71	ELECTRICAL CIRCUITS (HWY 30 TO COLLEGE)	LF	6,000	\$ 15.00	\$ 90,000.00
72	TRAFFIC SIGNALIZATION	LS	1	\$ 160,000.00	\$ 160,000.00
73	REMOVAL OF TRAFFIC SIGNALIZATION	LS	1.0	\$ 5,000.00	\$ 5,000.00
74	CONSTRUCTION SURVEY	LS	1	\$ 25,000.00	\$ 25,000.00
75	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	250	\$ 100.00	\$ 25,000.00
76	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	60	\$ 300.00	\$ 18,000.00
77	TRAFFIC CONTROL	LS	1	\$ 25,000.00	\$ 25,000.00
78	VALVE BOX REPLACEMENT	EACH	12	\$ 800.00	\$ 9,600.00
79	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR UNION PACIFIC RAILROAD CO.	LS	0	\$ 5,000.00	\$ -
80	('EACH' ITEM) STREET TREES	EACH	159	\$ 550.00	\$ 87,450.00
81	('EACH ITEM) BUS STOP SHELTER	EACH	1	\$ 15,000.00	\$ 15,000.00
82	('LS ITEM') BIO FEATURES, BIO CELLS, TREES, BUSHES	LS	1	\$ 300,000.00	\$ 300,000.00
83	('LS ITEM') SANITARY SEWER REPAIRS	LS	1	\$ 200,000.00	\$ 200,000.00
84	MULCHING	ACRE	6.0	\$ 1,500.00	\$ 9,000.00
85	SEEDING AND FERTILIZING (URBAN)	ACRE	6.0	\$ 4,000.00	\$ 24,000.00
86	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	12.0	\$ 2,000.00	\$ 24,000.00
87	SILT FENCE	LF	12,000	\$ 3.00	\$ 36,000.00
88	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	12,000	\$ 0.50	\$ 6,000.00
89	BRIDGE CONSTRUCTION HART'S MILL CREEK	LS	1	\$ 1,310,000.00	\$ 1,310,000.00
90	BRIDGE CONSTRUCTION MILL CREEK	LS	1	\$ 1,925,000.00	\$ 1,925,000.00
91	SHRUBS	EACH	216	\$ 40.00	\$ 8,640.00
92	PERENNIALS	EACH	819	\$ 18.00	\$ 14,742.00
93	LANDSCAPE WALL AND SIGNAGE - ROUNDABOUT (INCL. DECORATIVE LIGHTING ALLOWANCE)	LS	1	\$ 120,000.00	\$ 120,000.00
94	SUBGRADE UNDERCUT	CY	4,723	\$ 15.00	\$ 70,845.00
95	GEOGRID STABILIZATION MATERIAL	SY	14,167	\$ 4.00	\$ 56,668.00
96	SUBGRADE STABILIZATION AGGREGATE	CY	4,723	\$ 58.83	\$ 277,854.09
				Subtotal Construction Cost	\$ 10,728,307.09
14th Avenue S. (West of 19th Street)					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,700	\$ 5.00	\$ 8,500.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	170	\$ 13.00	\$ 2,210.00
3	SPECIAL COMPACTION OF SUBGRADE	STA	2	\$ 1,000.00	\$ 2,000.00
4	MODIFIED SUBBASE, 12 INCH	CY	190	\$ 40.00	\$ 7,600.00
5	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	460	\$ 45.00	\$ 20,700.00
6	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA. (SLOTTED PVC DRAIN)	LF	750	\$ 12.00	\$ 9,000.00
7	REMOVAL OF PAVEMENT	SY	1,700	\$ 5.00	\$ 8,500.00
8	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	1,250	\$ 35.00	\$ 43,750.00
9	TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
10	PERMEABLE PAVERS WITH GRANULAR BASE	SY	1,040	\$ 60.00	\$ 62,400.00
11	MULCHING	ACRE	0.3	\$ 1,500.00	\$ 375.00
12	SEEDING AND FERTILIZING (URBAN)	ACRE	0.3	\$ 4,000.00	\$ 1,000.00
				Subtotal Construction Cost	\$ 168,535.00
14th Avenue S. (From 19th Street to Manufacturing Drive)					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,000	\$ 5.00	\$ 5,000.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	100	\$ 13.00	\$ 1,300.00
3	SPECIAL COMPACTION OF SUBGRADE	STA	1	\$ 1,000.00	\$ 1,000.00
4	MODIFIED SUBBASE, 12 INCH	CY	40	\$ 40.00	\$ 1,600.00
5	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	100	\$ 45.00	\$ 4,500.00
6	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA. (SLOTTED PVC DRAIN)	LF	425	\$ 12.00	\$ 5,100.00
7	REMOVAL OF PAVEMENT	SY	950	\$ 5.00	\$ 4,750.00
8	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	875	\$ 35.00	\$ 30,625.00
9	TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
10	PERMEABLE PAVERS WITH GRANULAR BASE	SY	1,110	\$ 60.00	\$ 66,600.00
11	MULCHING	ACRE	0.1	\$ 1,500.00	\$ 150.00
12	SEEDING AND FERTILIZING (URBAN)	ACRE	0.1	\$ 4,000.00	\$ 400.00
				Subtotal Construction Cost	\$ 123,525.00

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION
13th Avenue S. and 18th Street (From 19th Street to Harts Mill Road)					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,800	\$ 5.00	\$ 9,000.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	180	\$ 13.00	\$ 2,340.00
3	SPECIAL COMPACTION OF SUBGRADE	STA	1	\$ 1,000.00	\$ 1,000.00
4	MODIFIED SUBBASE, 12 INCH	CY	75	\$ 40.00	\$ 3,000.00
5	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	190	\$ 45.00	\$ 8,550.00
6	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA. (SLOTTED PVC DRAIN)	LF	775	\$ 12.00	\$ 9,300.00
7	REMOVAL OF PAVEMENT	SY	1,750	\$ 5.00	\$ 8,750.00
8	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	1,420	\$ 35.00	\$ 49,700.00
9	TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
10	PERMEABLE PAVERS WITH GRANULAR BASE	SY	1,730	\$ 60.00	\$ 103,800.00
11	MULCHING	ACRE	0.3	\$ 1,500.00	\$ 375.00
12	SEEDING AND FERTILIZING (URBAN)	ACRE	0.3	\$ 4,000.00	\$ 1,000.00
Subtotal Construction Cost					\$ 199,315.00
13th Avenue S. (From Manufacturing Drive to 17th Street)					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	2,000	\$ 5.00	\$ 10,000.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	200	\$ 13.00	\$ 2,600.00
3	SPECIAL COMPACTION OF SUBGRADE	STA	4	\$ 1,000.00	\$ 4,000.00
4	MODIFIED SUBBASE, 12 INCH	CY	540	\$ 40.00	\$ 21,600.00
5	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	1,430	\$ 45.00	\$ 64,350.00
6	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	400	\$ 10.00	\$ 4,000.00
7	REMOVAL OF PAVEMENT	SY	1,000	\$ 5.00	\$ 5,000.00
8	TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
9	MULCHING	ACRE	0.1	\$ 1,500.00	\$ 150.00
10	SEEDING AND FERTILIZING (URBAN)	ACRE	0.1	\$ 4,000.00	\$ 400.00
Subtotal Construction Cost					\$ 114,600.00
17th Street (From Bluff Blvd to 14th Avenue S.)					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	1,500	\$ 5.00	\$ 7,500.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	150	\$ 13.00	\$ 1,950.00
3	SPECIAL COMPACTION OF SUBGRADE	STA	7	\$ 1,000.00	\$ 7,000.00
4	MODIFIED SUBBASE, 12 INCH	CY	1,020	\$ 40.00	\$ 40,800.00
5	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	2,740	\$ 45.00	\$ 123,300.00
6	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	700	\$ 10.00	\$ 7,000.00
7	REMOVAL OF PAVEMENT	SY	2,200	\$ 5.00	\$ 11,000.00
8	TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
9	MULCHING	ACRE	0.3	\$ 1,500.00	\$ 375.00
10	SEEDING AND FERTILIZING (URBAN)	ACRE	0.3	\$ 4,000.00	\$ 1,000.00
Subtotal Construction Cost					\$ 202,425.00
18th Street (From Manufacturing Drive to 250' South of 14th Avenue S.)					
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	500	\$ 5.00	\$ 2,500.00
2	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	100	\$ 13.00	\$ 1,300.00
3	SPECIAL COMPACTION OF SUBGRADE	STA	2	\$ 1,000.00	\$ 2,000.00
4	MODIFIED SUBBASE, 12 INCH	CY	220	\$ 40.00	\$ 8,800.00
5	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9 IN.	SY	550	\$ 50.00	\$ 27,500.00
6	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	200	\$ 10.00	\$ 2,000.00
7	REMOVAL OF PAVEMENT	SY	500	\$ 5.00	\$ 2,500.00
8	TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
9	MULCHING	ACRE	0.1	\$ 1,500.00	\$ 150.00
10	SEEDING AND FERTILIZING (URBAN)	ACRE	0.1	\$ 4,000.00	\$ 400.00
Subtotal Construction Cost					\$ 49,650.00
14th Avenue S. (From 18th Street to 17th Street)					
1	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	117	\$ 65.00	\$ 7,605.00
2	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/8 IN. MIX	TON	176	\$ 65.00	\$ 11,440.00
3	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	18	\$ 550.00	\$ 9,900.00
4	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1	\$ 2,500.00	\$ 2,500.00
Subtotal Construction Cost					\$ 31,445.00
A	SUBTOTAL CONSTRUCTION COST				\$ 13,588,578.09
B	MOBILIZATION (6%)				\$ 815,300.00
C	CONTINGENCY (12.5%)				\$ 1,800,484.76
C	TOTAL CONSTRUCTION COST				\$ 16,204,362.85
D	RIGHT-OF-WAY ACQUISITION (NOT INCLUDED)				
E	DESIGN ENGINEERING (NOT INCLUDED)				
F	CONSTRUCTION ADMINISTRATION (6%)				\$ 972,261.77
G	TOTAL PROJECT COST				\$ 17,176,624.62

Since McClure Engineering Co. has no control over the cost of labor, materials or equipment, or over a contractor's method of determining prices, or over competitive bidding or market conditions, McClure Engineering Co.'s opinions of probable project cost or construction cost for this project will be based solely upon its own experience with construction, but McClure Engineering Co. cannot and does not guarantee that proposals, bids, or the construction cost will not vary from its opinions of probable cost. If greater assurance is required as to the construction cost, an independent cost estimator should be employed.