

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

Preliminary Opinion of Probable Cost
Robinson Dresser Baseball Field Improvements
Cedar Falls CSD, City of Cedar Falls, Iowa
Project No. 17-216

NO.	CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	1070-206-A-3	TRAFFIC CONTROL	1	LS	\$ 1,500.00	\$ 1,500
2	2010-108-C-0	CLEARING AND GRUBBING	1	LS	\$ 2,500.00	\$ 2,500
3	2010-108-D-1	TOPSOIL, ON-SITE	3,200	CY	\$ 7.00	\$ 22,400
4	2010-108-E-0	EXCAVATION, CLASS 10	6,800	CY	\$ 9.25	\$ 62,900
5	4020-108-A-1	STORM SEWER, TRENCHED, HDPE DUAL WALL, PERFORATED, 12" DIA.	120	LF	\$ 35.00	\$ 4,200
6	4020-108-A-1	STORM SEWER, TRENCHED, HDPE DUAL WALL, PERFORATED, 15" DIA.	591	LF	\$ 38.00	\$ 22,458
7	4020-108-A-2	TRENCH DRAIN, 4"	80	LF	\$ 100.00	\$ 8,000
8	4030-108-B-0	PIPE APRON, METAL, 15"	1	EA	\$ 450.00	\$ 450
9	4040-108-A-2	SUBDRAIN, HDPE, PERF, 2" DIA.	5,280	LF	\$ 8.00	\$ 42,240
10	4040-108-A-1	SUBDRAIN, HDPE DUAL WALL, NON PERF, 6" DIA, FIELD DRAIN COLLECTOR	745	LF	\$ 8.00	\$ 5,960
11	4040-108-A-1	SUBDRAIN, HDPE DUAL WALL, PERFORATED, 6" DIA, WARNING TRACK	506	LF	\$ 9.00	\$ 4,554
12	5010-108-F-0	CONNECTION TO EXISTING WATER SERVICE	1	EA	\$ 500.00	\$ 500
13	6010-108-B-0	INTAKE TYPE, NYLOPLAST, 24" DIA. NYLOPLAST W/ H2O STANDARD GRATE	8	EA	\$ 3,000.00	\$ 24,000
14	7010-108-A-1	BULLPEN HOME PLATE PADS, PCC	2	EA	\$ 200.00	\$ 400
15	7040-108-A-0	PATCHES, FULL DEPTH PCC	36	SY	\$ 70.00	\$ 2,520
16	7040-108-L-0	PATCHES BY COUNT	2	EA	\$ 250.00	\$ 500
17	9010-108-A-0	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING	1.3	AC	\$ 5,000.00	\$ 6,500
18	9020-108-A-0	SOD	1,041	SQ	\$ 80.00	\$ 83,280
19	9040-108-A-2	SWPPP, MANAGEMENT	1	LS	\$ 5,500.00	\$ 5,500
20	9040-108-F-1	WATTLES, STRAW, 9", INSTALLATION, MAINTENANCE, & REMOVAL	1,000	LF	\$ 5.00	\$ 5,000
21	9040-108-J-0	RIP RAP, EROSION STONE	8	TON	\$ 35.00	\$ 280
22	9040-108-N-1	SILT FENCE, INSTALLATION, MAINTENANCE, REMOVAL	1,000	LF	\$ 6.00	\$ 6,000
23	9040-108-O-2	STABILIZED CONSTRUCTION ENTRANCE	200	TON	\$ 18.00	\$ 3,600
24	9060-108-A-0	CHAIN LINK FENCE, GALVANIZED, 4' TALL	250	LF	\$ 15.00	\$ 3,750
25	9060-108-A-0	CHAIN LINK FENCE, GALVANIZED, 6' TALL, 3.5" POSTS, 6' SPACING	593	LF	\$ 26.00	\$ 15,418
26	9060-108-A-1	CHAIN LINK FENCE, GALVANIZED, 6' TALL, 2.5" POSTS, 8' SPACING	1,030	LF	\$ 20.00	\$ 20,600
27	9060-108-B-0	GATES, CHAINLINK, 6' TALL, DOUBLE 6' (12')	3	EA	\$ 2,000.00	\$ 6,000
28	9060-108-B-0	GATES, CHAINLINK, 8' TALL, 4' WIDE	2	EA	\$ 800.00	\$ 1,600

29	9060-108-D-0	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 20' TALL, INCLUDES NEW POSTS AND FOUNDATION	167	LF	\$ 50.00	\$ 8,350
30	9060-108-D-1	REMOVAL AND REINSTALLATION OF EXISTING FENCE, CHAIN LINK, 8' TALL, INCLUDES NEW POSTS AND FOUNDATION	28	LF	\$ 18.00	\$ 504
31		WINDSCREEN, 6' TALL, OUTFIELD FENCE	593	LF	\$ 8.00	\$ 4,744
32	9060-108-E-0	REMOVAL & DISPOSAL OF FENCE	1,500	LF	\$ 7.00	\$ 10,500
33	9071-108-A-0	SEGMENTAL BLOCK RETAINING WALL	1	LS	\$ 66,000.00	\$ 66,000
34	10,010-108-A	DEMOLITION WORK, DUGOUT	2	EA	\$ 4,500.00	\$ 9,000
35	10,010-108-B	DEMOLITION WORK, SHED	1	EA	\$ 1,200.00	\$ 1,200
36	10,010-108-C	DEMOLITION WORK, IRRIGATION	1	LS	\$ 4,000.00	\$ 4,000
37	10,010-108-D	DEMOLITION WORK, SUBDRAIN	1	LS	\$ 3,500.00	\$ 3,500
38	10,010-108-E	DEMOLITION WORK, LIGHT POLES	1	LS	\$ 2,000.00	\$ 2,000
39	11,020-108-A	MOBILIZATION	1	LS	\$ 50,000.00	\$ 50,000
40	11,060-108-A-0	CONCRETE WASHOUT	1	LS	\$ 500.00	\$ 500
41	32 9113	SOIL PREPARATION	3	AC	\$ 1,500.00	\$ 4,500
42	32 9110	SURFACE RESTORATION	3	AC	\$ 1,000.00	\$ 3,000
43	32 1610	WARNING TRACK, KAFKA BURMA RED, 3" THICK	200	TON	\$ 150.00	\$ 30,000
44	32 1601	INFIELD SKIN SURFACE, RED BALL DIAMOND AGGREGATE, 5" THICK	275	TON	\$ 65.00	\$ 17,875
45	32 1600	PITCHERS MOUND AND BATTERS BOX	2	EA	\$ 4,500.00	\$ 9,000
46	32 1600	BULLPEN PITCHERS MOUND	2	EA	\$ 600.00	\$ 1,200
47	32 8400	LANDSCAPE IRRIGATION SYSTEM	1	LS	\$ 50,000.00	\$ 50,000
48		DUGOUT, NEW	2	EA	\$ 40,000.00	\$ 80,000
49		SPORTS FIELD LIGHTING*	1	LS	\$ 210,000.00	\$ 210,000
50		FOUL POLE, REMOVE, REPAINT, REINSTALL.	2	EA	\$ 400.00	\$ 800





ESTIMATED CONTRACT AMOUNT \$ 929,283

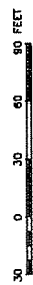
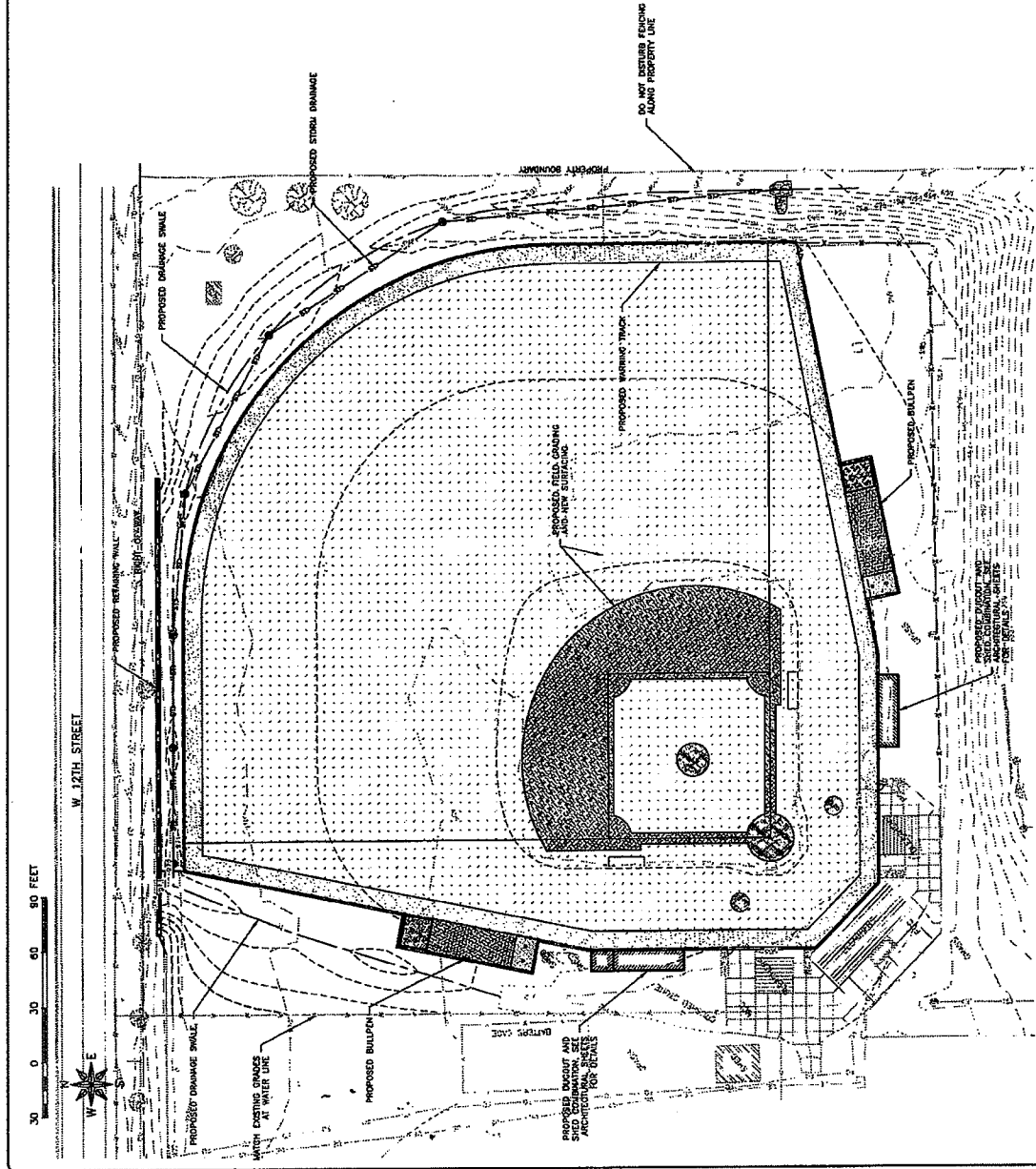
* METAL HALIDE LIGHTING SYSTEM, INCREASE FOR LED

Jon S. Biederman, PE, LSI
Branch Manager

Dated: May 18, 2107

HATCHING LEGEND

-  RAISED GRADED AREAS
-  WASHING TRACK
-  SLOPED INFILL
-  PITCHER'S MOUND AND BATTER'S BOX



W. 12TH STREET



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

1000 W. FIRST STREET
CEDAR FALLS, IOWA 50613

© 2017 FEHR GRAHAM

PROJECT NO. 17-211

SHEET NO. D.02

DATE: PRELIMINARY

PROJECT FOR LOCATION: ROBINSON-DRESSER BASEBALL FIELD IMPROVEMENTS CEDAR FALLS, IOWA

DESIGNED BY: A.B. APPROVED BY: J.S.B.

DATE: DATE SOLE AS NOTED

REVISIONS	DATE