

FEED POINT E5F

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
9,10	440+55	37		I-35E NB	128D-49

FEED POINT E5J

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
1,8	443+35	37		I-35E NB	128D-49
2,7	446+15	37		I-35E NB	128D-49
3,6	448+95	37		I-35E NB	128D-49
4,5	451+75	37		I-35E NB	128D-49
9	466+35	75		I-35E SB	9-40
10	463+68	93		I-35E SB	9-40
11	42+05	25		NW RAMP	9-40
12	39+81		13	NW RAMP	68-40
13	37+70		13	NW RAMP	68-40
14	35+62		13	NW RAMP	68-40
15	33+82		13	NW RAMP	68-40
16	31+60	40		NW RAMP	9-40
26	21+44		23	NW LOOP	68-40
17	22+93		19	NW LOOP	68-40
18	24+51		19	NW LOOP	68-40
19	25+95		19	NW LOOP	68-40
20	27+40		19	NW LOOP	68-40
21	28+98		19	NW LOOP	68-40
22	30+66		19	NW LOOP	68-40
23	449+45		57	I-35E SB	68-40
24	447+51		65	I-35E SB	68-40
25	444+74		65	I-35E SB	68-40

FEED POINT E5L

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
1,20	454+55	37		I-35E NB	128D-49
2,19	457+35	37		I-35E NB	128D-49
3,18	460+15	37		I-35E NB	128D-49
4,17	462+95	37		I-35E NB	128D-49
5,16	465+75	37		I-35E NB	128D-49
6,15	468+55	37		I-35E NB	128D-49
21	71+80		35	NE RAMP	9-40
22	73+90		35	NE RAMP	9-40
23	76+27		24	NE RAMP	68-40
24	78+62		20	NE RAMP	68-40
25	81+10		29	NE RAMP	9-40
26	447+57		60	I-35E NB	68-40
27	450+36		56	I-35E NB	68-40
28	52+79		23	NE LOOP	68-40
29	54+50		23	NE LOOP	68-40
30	56+41		33	NE LOOP	9-40
31	58+48		43	NE LOOP	9-40

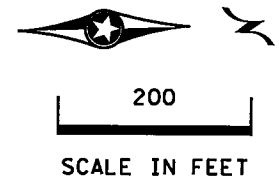
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DRAWN BY: LEW  
 DESIGNED BY: LEW  
 CHECKED BY: JAH  
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. NAME: JEFFREY A. HILDEN LIC. NO. 20781  
 CERTIFIED BY: [Signature] 08/20/2012  
 LICENSED PROFESSIONAL ENGINEER DATE



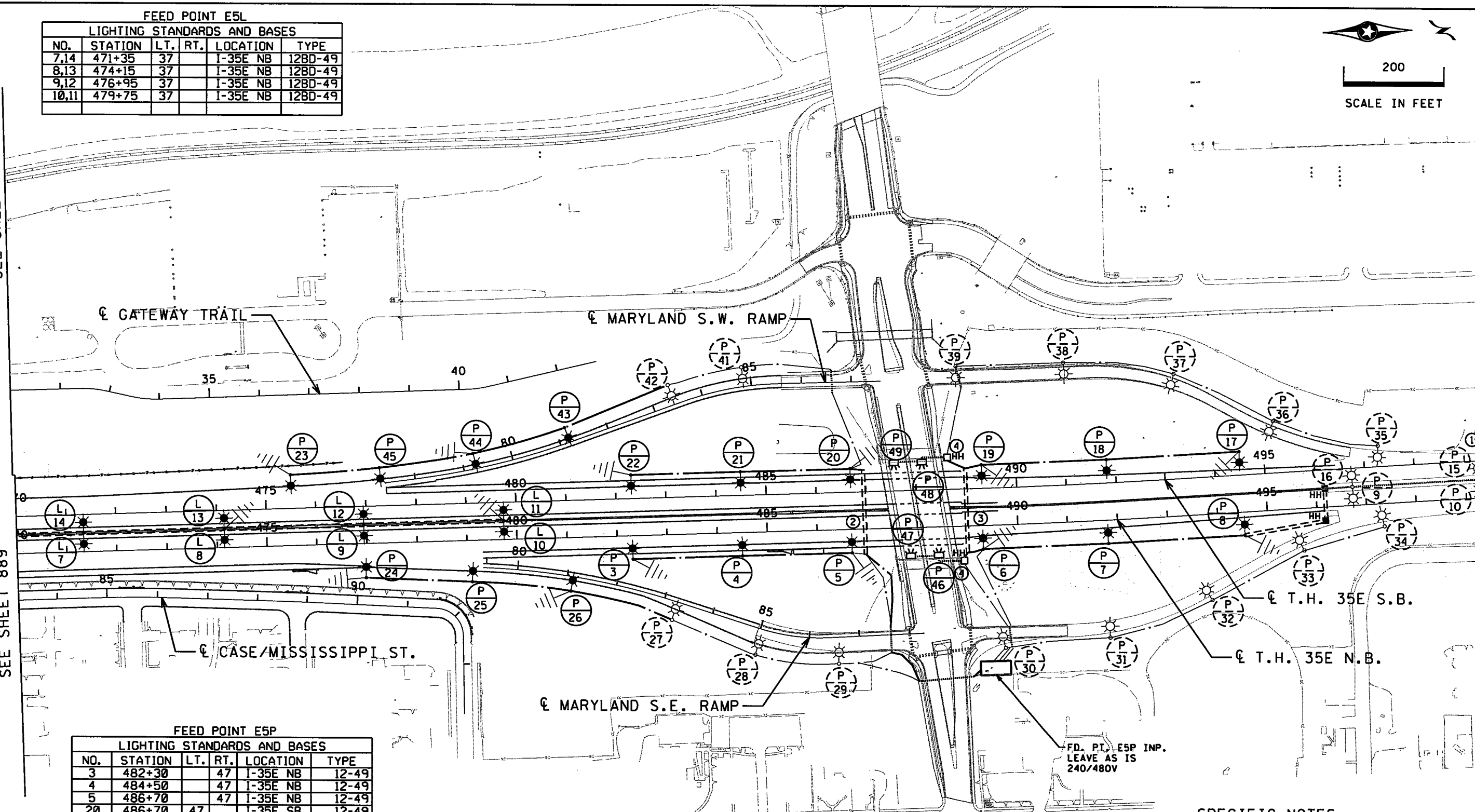
FEED POINT E5L

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
7,14	471+35	37		I-35E NB	12BD-49
8,13	474+15	37		I-35E NB	12BD-49
9,12	476+95	37		I-35E NB	12BD-49
10,11	479+75	37		I-35E NB	12BD-49



MATCH LINE GATEWAY TRAIL  
STA. 31+00  
SEE SHEET-889

MATCH LINE T.H. 35E N.B.  
STA. 470+00  
SEE SHEET 889



FEED POINT E5P

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
3	482+30		47	I-35E NB	12-49
4	484+50		47	I-35E NB	12-49
5	486+70		47	I-35E NB	12-49
20	486+70	47		I-35E SB	12-49
21	484+50	47		I-35E SB	12-49
22	482+30	47		I-35E SB	12-49
6	489+30		47	I-35E NB	12-49
7	491+80		47	I-35E NB	12-49
8	494+50		47	I-35E NB	12-49
19	489+30	47		I-35E SB	12-49
18	491+80	47		I-35E SB	12-49
17	494+50	47		I-35E SB	12-49
50	476+97	68		I-35E NB	9-40
25	479+09	83		I-35E NB	9-40
26	81+12	29		SE RAMP	9-40

FEED POINT E5P - CONT.

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
43	81+19	31		SW RAMP	9-40
44	79+25	31		SW RAMP	9-40
48	477+29	76		I-35E SB	9-40
49	475+51	67		I-35E SB	9-40

FD. PT. E5P INP.  
LEAVE AS IS  
240/480V

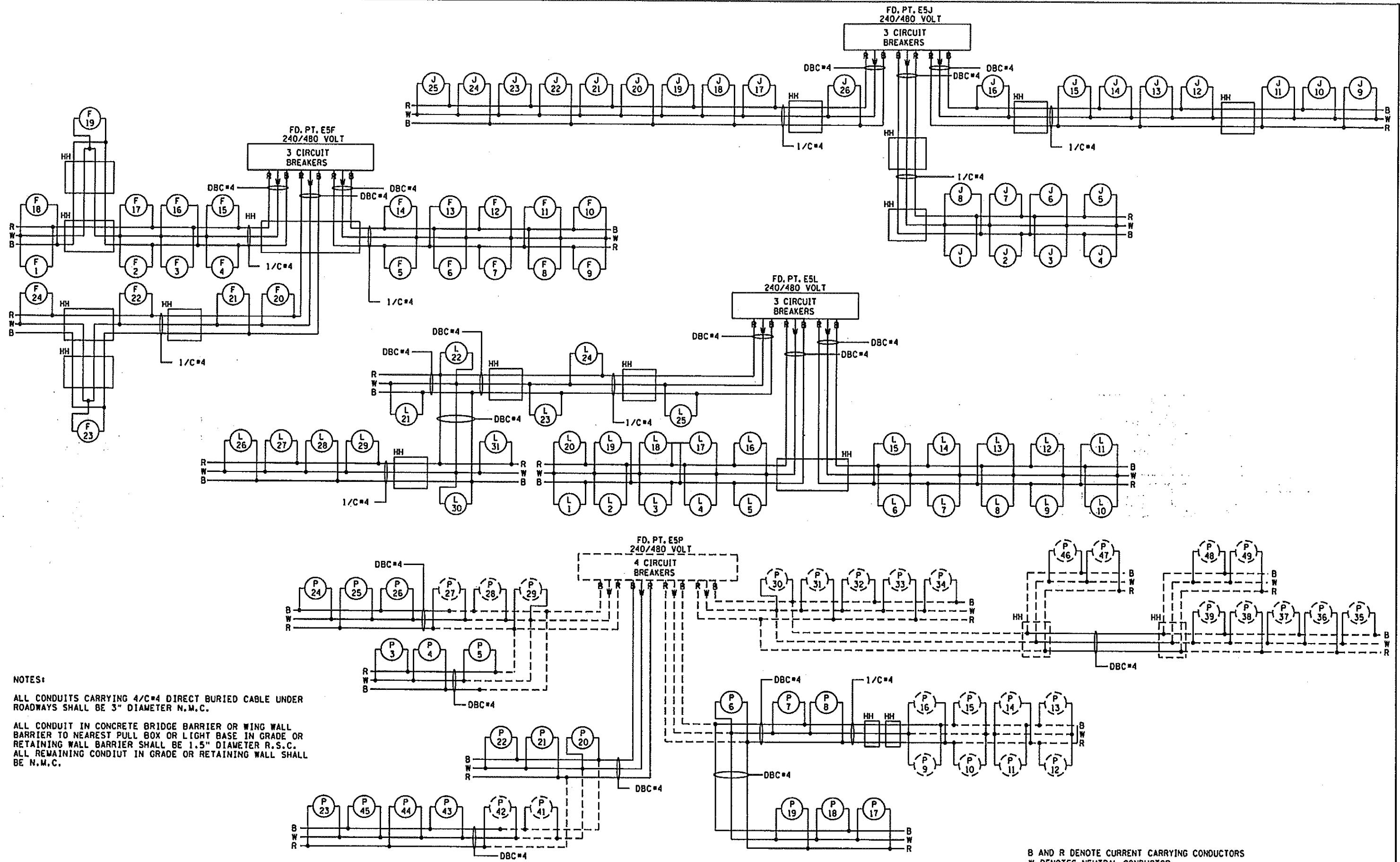
SPECIFIC NOTES

- ① CABLE CONTINUES TO LIGHTS 11,12,13,14
- ② CUT EXISTING D.B.C. #4 UNDER ROADWAY AND ROUTE TO LIGHT BASE P20 AND P5. FURNISH AND INSTALL NEW D.B.C. #4 FROM EXISTING CABINET TO LIGHT BASE P20
- ③ CUT EXISTING D.B.C. #4 UNDER ROADWAY AND ROUTE TO LIGHT BASE P6
- ④ INSTALL NEW D.B.C. #4 BETWEEN HANDHOLES THROUGH NEW 3" CONDUIT UNDER T.H. 35E

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 CHECKED BY: JAH  
 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
 CERTIFIED BY: *Jeffrey A. Hilden*  
 LICENSED PROFESSIONAL ENGINEER  
 NAME: JEFFREY A. HILDEN LIC. NO. 20781  
 DATE: 08/20/2012





**NOTES:**  
 ALL CONDUITS CARRYING 1/C#4 DIRECT BURIED CABLE UNDER ROADWAYS SHALL BE 3" DIAMETER N.M.C.  
 ALL CONDUIT IN CONCRETE BRIDGE BARRIER OR WING WALL BARRIER TO NEAREST PULL BOX OR LIGHT BASE IN GRADE OR RETAINING WALL BARRIER SHALL BE 1.5" DIAMETER R.S.C.  
 ALL REMAINING CONDUIT IN GRADE OR RETAINING WALL SHALL BE N.M.C.

B AND R DENOTE CURRENT CARRYING CONDUCTORS  
 W DENOTES NEUTRAL CONDUCTOR  
 DASHED DENOTES INPLACE

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 I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
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 NAME: JEFFREY A. HILDEN  
 L.I.C. NO.: 20781



WIRING DIAGRAM 01 - SYSTEM "A"  
 STATE PROJ. NO. 6280-308 (T.H. 35E)  
 SHEET NO. 895 OF 1183 SHEETS