

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

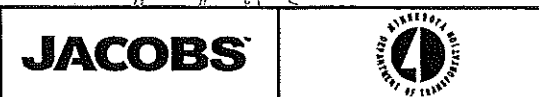
| LIGHTING STANDARDS AND BASES |         |     |     |          |         |
|------------------------------|---------|-----|-----|----------|---------|
| NO.                          | STATION | LT. | RT. | LOCATION | TYPE    |
| 1,8                          | 443+35  | 37  |     | I-35E NB | 128D-49 |
| 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   |

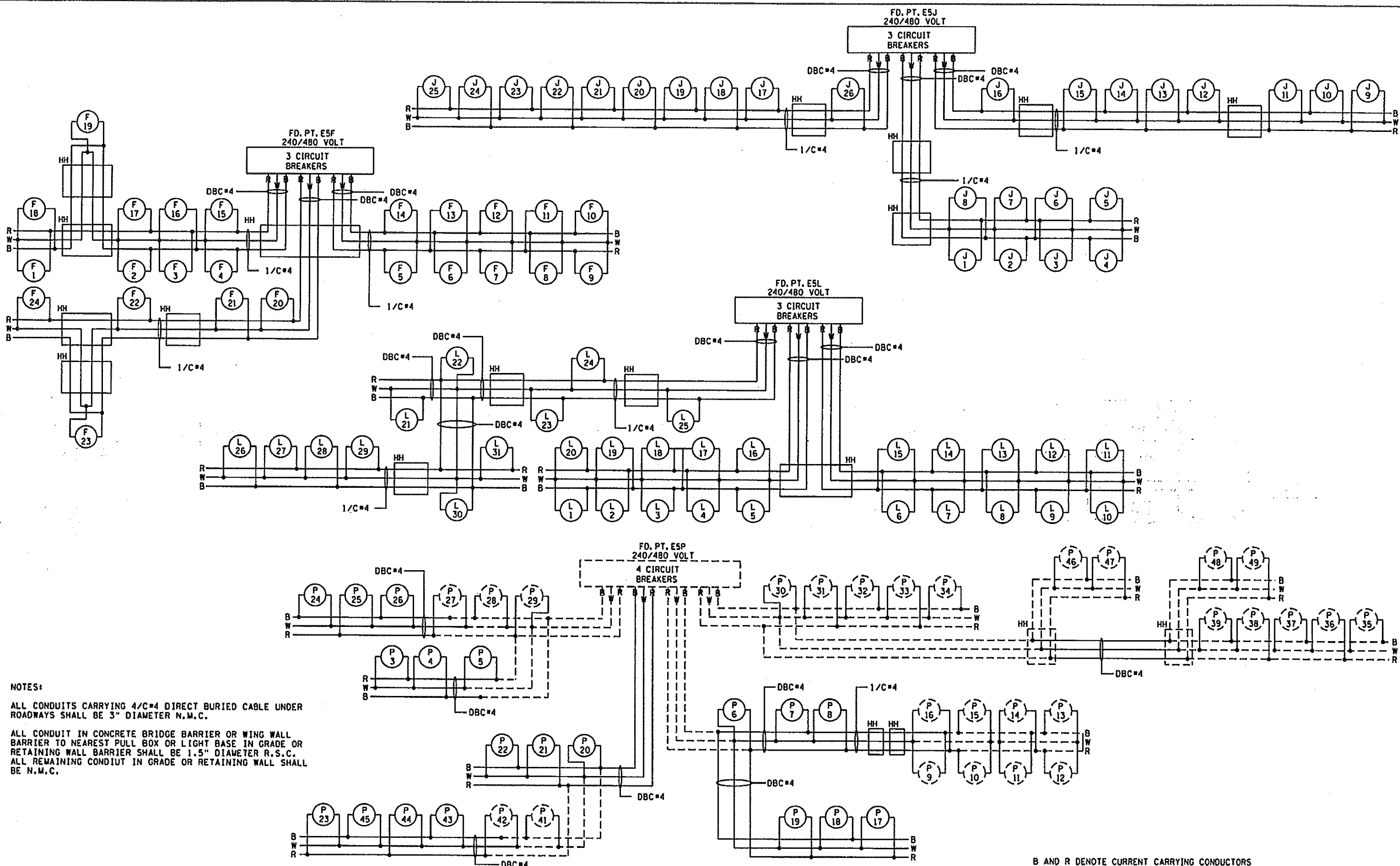
FEED POINT E5L

| 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    |

C06280308-1102.dgn  
 12:34:32 PM  
 8/20/2012  
 8/20/2012

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: *Jeffrey A. Hilden* LICENSED PROFESSIONAL ENGINEER 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

02/28/2012 12:46:38 PM  
 C:\PROJECTS\6280-308\DWG\01.dgn

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.  
 CERTIFIED BY: *Jeffrey A. Hilden*  
 LICENSED PROFESSIONAL ENGINEER  
 DATE: 08/20/2012  
 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



State of Minnesota  
Office Memorandum

DATE:

TO: Addressees

FROM: John Pedersen Lighting Operations Supervisor Waters Edge Office

PHONE: 651-234-7849

SUBJECT: **Lighting System Turn-On Notice**

|   |  |   |
|---|--|---|
| System ID # E05J  | System Type L  |   |
| Municipality Saint Paul   | Location 35e   | District Metro  |
| Meter Address Cayuga  | Power Company Xcel   | S.P. # 6280-308   |
| Patrol Station Oakdale  | ESS Maint. Zone M2   | Feedpoint # E05J  |
| Exhibit #   | Cabinet Quadrant SW  | Agreement #   |
| Service Type<br><input type="checkbox"/> 120/240 -OR- <input checked="" type="checkbox"/> 240/480 | Cabinet Type <input type="checkbox"/> TYPE RLF<br><input checked="" type="checkbox"/> L1 <input type="checkbox"/> L2 <input type="checkbox"/> TYPE B | Construction Type<br><input checked="" type="checkbox"/> New <input type="checkbox"/> Rebuild |

Special Info -OR- Responsibility Notes:

Signal ID # Cross Reference:

Date of Old Lighting System Turn-Off: 05/01/2015

Date of New Lighting System Turn-On: 06/01/2016

Warranty End Date: 06/01/2017 Contractor Honoring Warranty: Peoples Electric

Project Engineer: Eric Rustad

**CONTINUED**  
See Next Page

Date 01/05/2017      System ID #

Cabinet MN/DOT

Hardware MN/DOT

Knockdown MN/DOT

Luminaire Maint. 1 MN/DOT

Luminaire Maint. 2 \* \_\_\_\_\_

(\* usually NA unless 2 different agencies responsible for luminaire maintenance)

Pay for Power MN/DOT

{never ESS}

Underground MN/DOT

Township \_\_\_\_\_

Range \_\_\_\_\_

Section \_\_\_\_\_

Qtr. Sect. \_\_\_\_\_

**Addressees:**

Electronic copies only:

Electrical Maint. Supervisor- Clint McCullough Electrical Services Section

State Lighting Engineer- Susan Zarling CO

Metro Electrical Dispatch- Eric Klute