










PLOTTED/REVISED: 10/11/2015

LEGEND

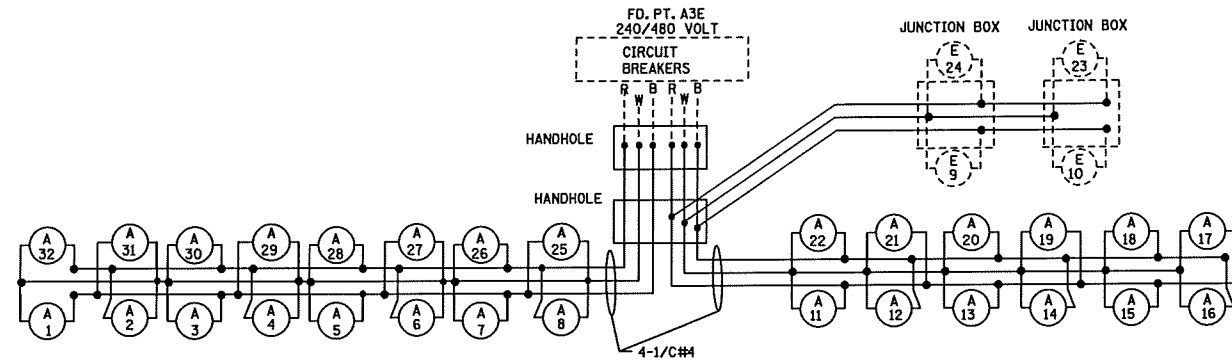
-  LIGHTING UNIT (98D-49)
-  INSTALL SALVAGED LIGHTING UNIT
-  INPLACE LIGHTING UNIT TYPE L
-  HANDHOLE
-  3" PVC (UNLESS OTHERWISE NOTED)
-  INPLACE SERVICE CABINET
-  INPLACE HANDHOLE
-  PERMANENT GROUND ROD (25 OHMS OR LESS)
-  INPLACE CONDUIT

FD. PT. A3E

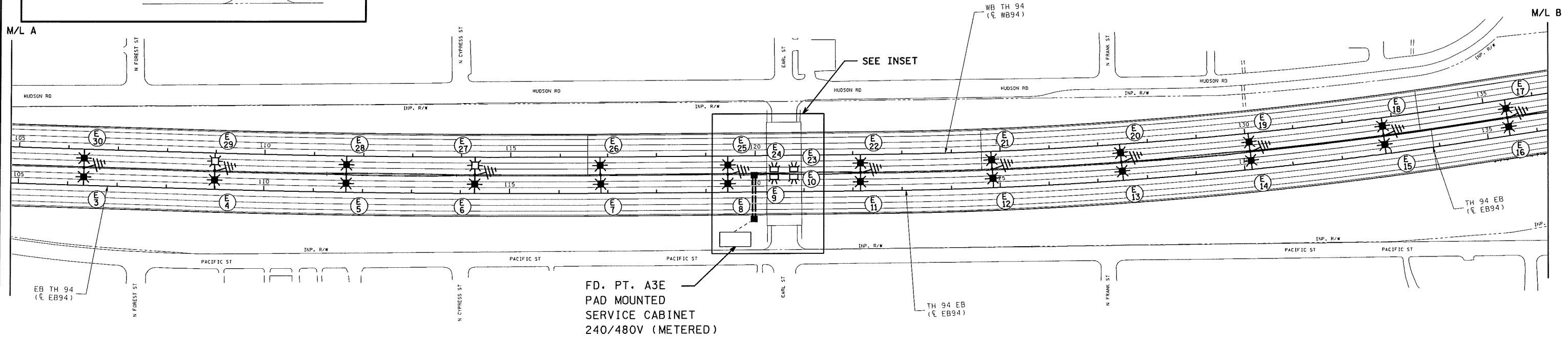
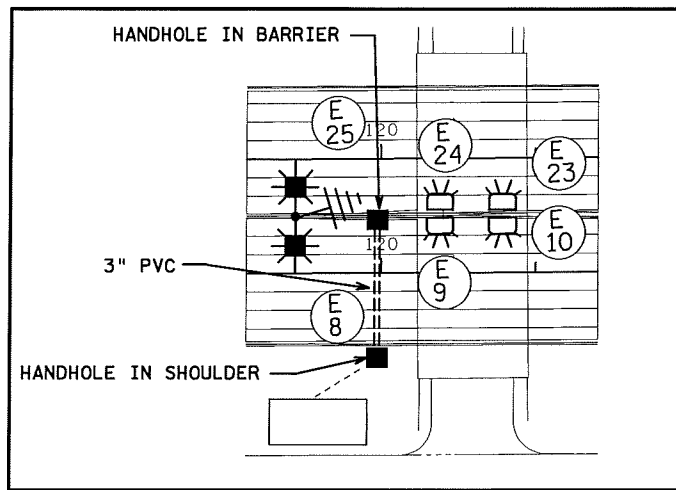
100'
SCALE IN FEET

LIGHTING STANDARDS AND FOUNDATIONS					
NO.	STATION	LT.	RT.	LOCATION	TYPE
1				T.H. 94 E.B.	98D-49
32	101+03			T.H. 94 E.B.	98D-49
2				T.H. 94 E.B.	98D-49
31	103+67			T.H. 94 E.B.	98D-49
3				T.H. 94 E.B.	98D-49
30	106+31			T.H. 94 E.B.	98D-49
4				T.H. 94 E.B.	98D-49
29	108+98			T.H. 94 E.B.	98D-49
5				T.H. 94 E.B.	98D-49
28	111+66			T.H. 94 E.B.	98D-49
6				T.H. 94 E.B.	98D-49
27	114+29			T.H. 94 E.B.	98D-49
7				T.H. 94 E.B.	98D-49
26	116+85			T.H. 94 E.B.	98D-49
8				T.H. 94 E.B.	98D-49
25	119+44			T.H. 94 E.B.	98D-49
9	INPLACE			EARL ST. BR.	L
10	INPLACE			EARL ST. BR.	L
23	INPLACE			EARL ST. BR.	L
24	INPLACE			EARL ST. BR.	L
11				T.H. 94 E.B.	98D-49
22	122+16			T.H. 94 E.B.	98D-49
12				T.H. 94 E.B.	98D-49
21	124+85			T.H. 94 E.B.	98D-49
13				T.H. 94 E.B.	98D-49
20	127+49			T.H. 94 E.B.	98D-49
14				T.H. 94 E.B.	98D-49
19	130+14			T.H. 94 E.B.	98D-49
15				T.H. 94 E.B.	98D-49
18	132+89			T.H. 94 E.B.	98D-49
16				T.H. 94 E.B.	98D-49
17	135+45			T.H. 94 E.B.	98D-49

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



INSET



LIGHTING SYSTEM B FEED POINT A3E

BY	DATE	REVISIONS

FEEDPOINT: A3E LOCATION: T.H. 94 @ EARL STREET
METER ADDRESS: 990 PACIFIC ST. ST. PAUL 55106

LIGHTING PLAN












CERTIFIED BY Michael P. Lubinsky LIC. NO. 19863 DATE: 10/1/2015
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. 6283-234 (T.H. 94) SHEET NO. SL19 OF SL27 SHEETS

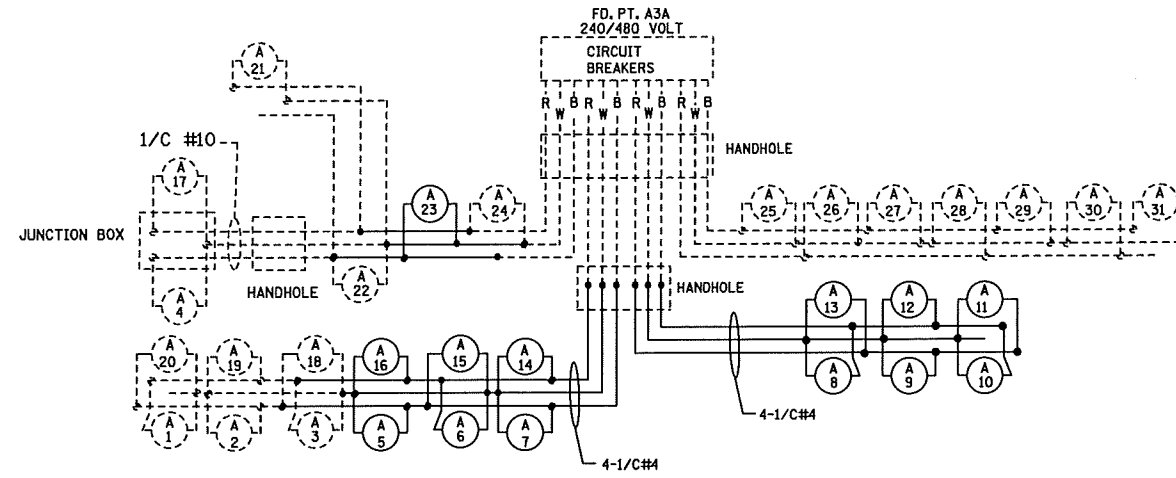
DRAWN BY: SJK CKD BY: PB DATE: 07-10-15

DISTRICT #: METRO
PLOT NAME: A3E layout
PATH & FILENAME: IP_PWP-01596568SP 6283-234.dgn

LEGEND

-  INPLACE LIGHTING UNIT
-  INPLACE LIGHTING UNIT
-  INSTALL SALVAGED LIGHTING UNIT
-  INSTALL SALVAGED LIGHTING UNIT LIGHT FOUNDATION
-  INPLACE DIRECT BURIED CABLE
-  INPLACE SERVICE CABINET
-  INPLACE HANDHOLE
-  DIRECT BURIED CABLE 4 CONDUCTOR NO. 4
-  PERMANENT GROUND ROD (25 OHMS OR LESS)
-  INPLACE CONDUIT
-  3" PVC (UNLESS OTHERWISE NOTED)

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



FD. PT. A3A

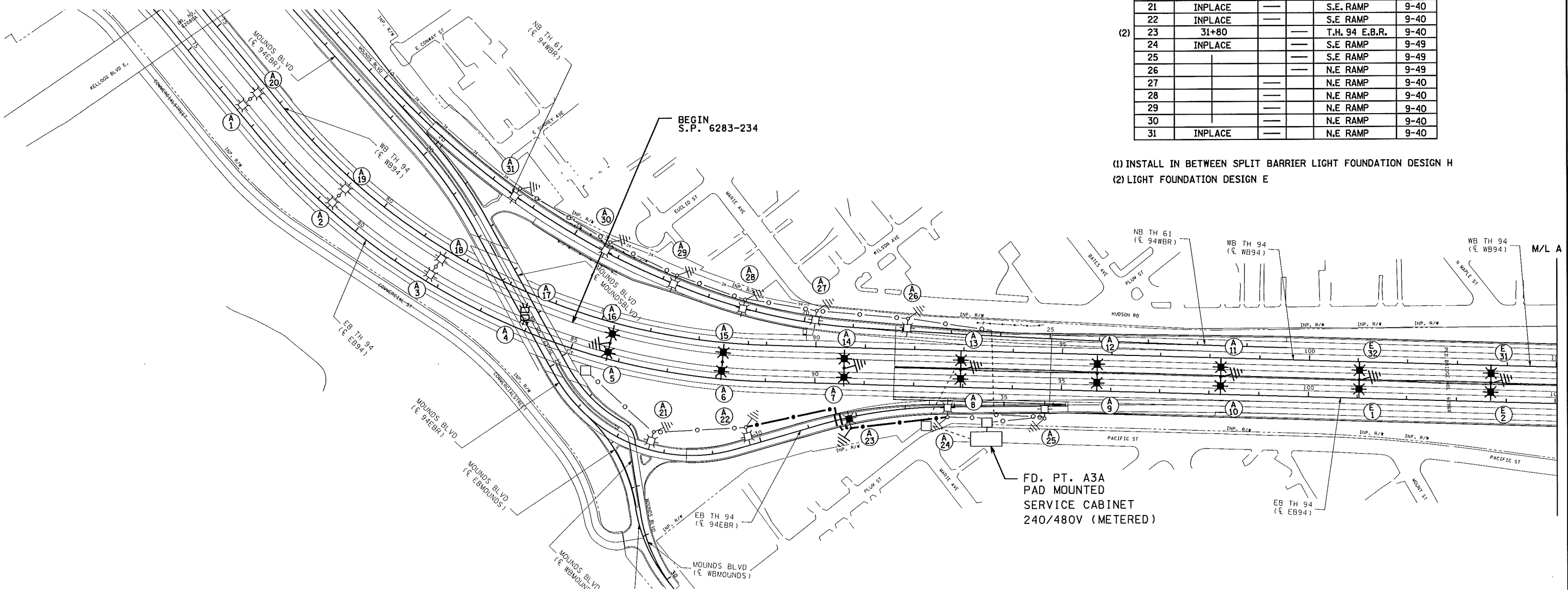
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	INPLACE			T.H. 94 E.B.	9BD-49
2	INPLACE			T.H. 94 E.B.	9BD-49
19	INPLACE			T.H. 94 E.B.	9BD-49
3	INPLACE			T.H. 94 E.B.	9BD-49
18	INPLACE			T.H. 94 E.B.	9BD-49
4	INPLACE			MOUNDS BR.	L
17	INPLACE			MOUNDS BR.	L
5	85+74			T.H. 94 E.B.	6D-49
16	85+74			T.H. 94 E.B.	6D-49
6	88+10			T.H. 94 E.B.	6D-49
15	88+10			T.H. 94 E.B.	6D-49
7	90+58			T.H. 94 E.B.	6D-49
14	90+58			T.H. 94 E.B.	6D-49
8	92+95			T.H. 94 E.B.	9BD-49
13	92+95			T.H. 94 E.B.	9BD-49
9	95+71			T.H. 94 E.B.	9BD-49
12	95+71			T.H. 94 E.B.	9BD-49
10	98+23			T.H. 94 E.B.	9BD-49
11	98+23			T.H. 94 E.B.	9BD-49
21	INPLACE			S.E. RAMP	9-40
22	INPLACE			S.E. RAMP	9-40
23	31+80			T.H. 94 E.B.R.	9-40
24	INPLACE			S.E. RAMP	9-49
25				S.E. RAMP	9-49
26				N.E. RAMP	9-49
27				N.E. RAMP	9-40
28				N.E. RAMP	9-40
29				N.E. RAMP	9-40
30				N.E. RAMP	9-40
31	INPLACE			N.E. RAMP	9-40

100'
SCALE IN FEET



PLOTTED/REVISED: 10/11/2015



(1) INSTALL IN BETWEEN SPLIT BARRIER LIGHT FOUNDATION DESIGN H
 (2) LIGHT FOUNDATION DESIGN E

LIGHTING SYSTEM B FEED POINT A3A

DISTRICT #: METRO
 I/PLOT NAME: A3A layout
 PATH & FILENAME: IP_PWP-d1596568SP 6283-234.dgn

BY	DATE	REVISIONS	FEEDPOINT: A3A LOCATION: T.H. 94 @ MOUNDS BLVD METER ADDRESS: 10 MOUNDS BLVD ST. PAUL 55112	LIGHTING PLAN
DRAWN BY: SJK	CKD BY: PB	DATE: 07-10-15	CERTIFIED BY <i>Michael P. Lubinsky</i> LIC. NO. 19863 DATE: 10/1/2015	
STATE PROJ. NO. 6283-234 (T.H. 94) SHEET NO. SL18 OF SL27 SHEETS				