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FD PT S2X
LIGHTING STANDARDS & BASES

NO.	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
6	728+91			TH 494 N.B.	VM-49	400 W HPS
7	731+72			TH 494 N.B.	VM-49	400 W HPS
8	734+48			TH 494 N.B.	VM-49	400 W HPS
9	737+29			TH 494 N.B.	VM-49	400 W HPS
10	740+12			TH 494 N.B.	VM-49	400 W HPS
11	1740+67			TH 494 S.B.	VM-49	400 W HPS
12	1737+86			TH 494 S.B.	VM-49	400 W HPS
13	1735+08			TH 494 S.B.	VM-49	400 W HPS
14	1732+26			TH 494 S.B.	VM-49	400 W HPS
15	1729+49			TH 494 S.B.	VM-49	400 W HPS

FD PT S2W
LIGHTING STANDARDS & BASES

NO.	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
1	742+90			TH 494 N.B.	VM-49	400 W HPS
24	1743+45			TH 494 S.B.	VM-49	400 W HPS

WV DOT RELEASE FOR CONSTRUCTION

SIGNATURE		DATE	
NO	DATE	BY	CKD
AB	12/1/06	LEW	MJW



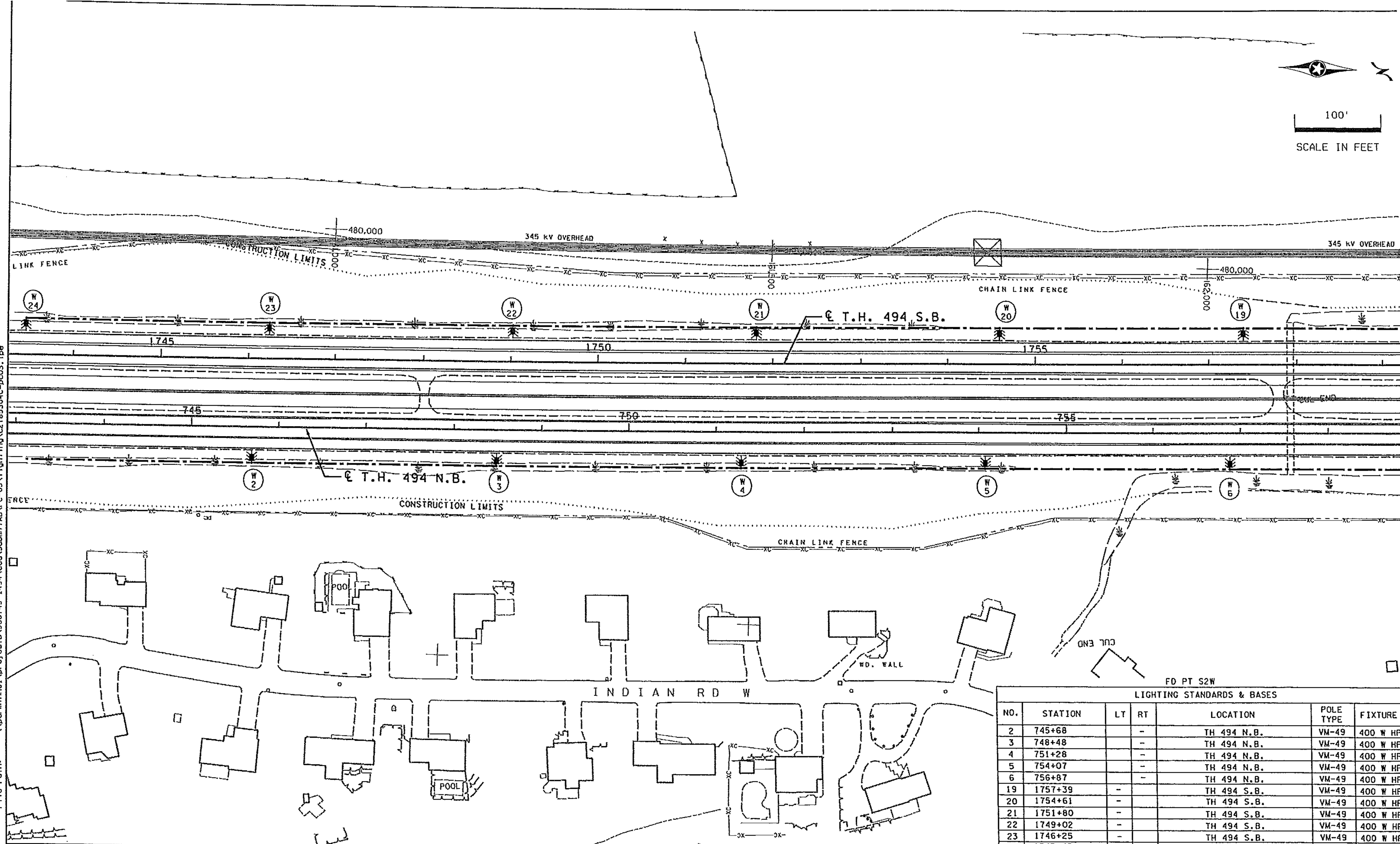
CERTIFIED BY: _____
 LICENSED PROFESSIONAL ENGINEER DATE _____
 NAME: BEATRIZ MENDEZ-PLANSKY LIC. NO. 25230

TITLE: PERMANENT LIGHTING PLAN
 STATE PROJ. NO. 2785-304 (T.H. 494)

DESIGNED BY: BMP
 DRAWN BY: BJM
 CHECKED BY: PJZ
 PACKAGE NO. PC-03
 SHEET LOCATION SLO25
 SHEET NO. 466 OF 965 SHEETS



100'
SCALE IN FEET



LIGHTING STANDARDS & BASES						
NO.	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
2	745+68		-	TH 494 N.B.	VM-49	400 W HPS
3	748+48		-	TH 494 N.B.	VM-49	400 W HPS
4	751+28		-	TH 494 N.B.	VM-49	400 W HPS
5	754+07		-	TH 494 N.B.	VM-49	400 W HPS
6	756+87		-	TH 494 N.B.	VM-49	400 W HPS
19	1757+39		-	TH 494 S.B.	VM-49	400 W HPS
20	1754+61		-	TH 494 S.B.	VM-49	400 W HPS
21	1751+80		-	TH 494 S.B.	VM-49	400 W HPS
22	1749+02		-	TH 494 S.B.	VM-49	400 W HPS
23	1746+25		-	TH 494 S.B.	VM-49	400 W HPS
24	1743+45		-	TH 494 S.B.	VM-49	400 W HPS

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MNDOT RELEASE FOR CONSTRUCTION

NO	DATE	BY	CKD	REVISION
AB	12/8/06	LEW	MJK	AS BUILT



CERTIFIED BY: _____
 LICENSED PROFESSIONAL ENGINEER DATE _____
 NAME: BEATRIZ MENDEZ-PLANSKY LIC. NO. 25230

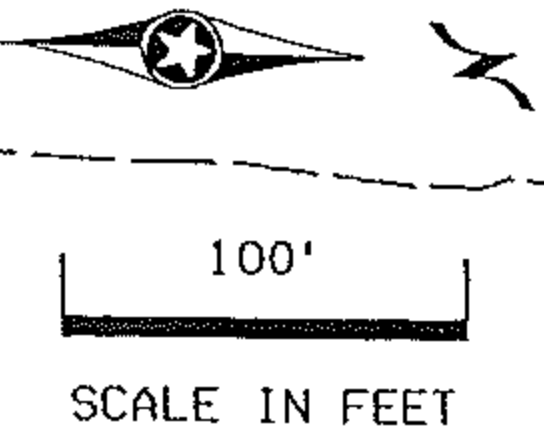
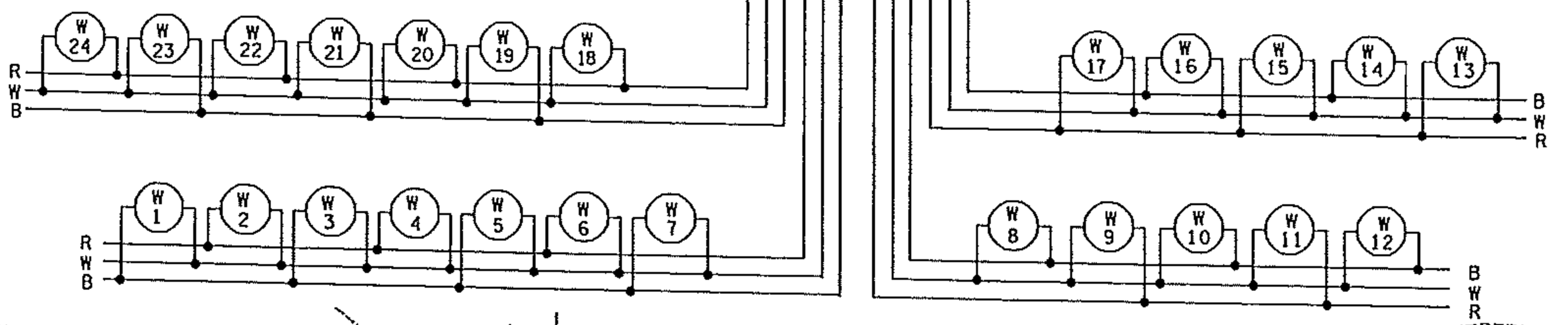
TITLE: PERMANENT LIGHTING PLAN
 STATE PROJ. NO. 2785-304 (T.H. 494)

DESIGNED BY: BMP
 DRAWN BY: BJM
 CHECKED BY: PJZ
 PACKAGE NO. PC-03
 SHEET LOCATION SLO26
 SHEET NO. 467 OF 965 SHEETS

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FD, PT. S2W
240/480 VOLT

8 CIRCUIT BREAKERS



345 KV OVERHEAD

B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR
EQUIPMENT GROUND NOT SHOWN

345 KV OVERHEAD

CONSTRUCTION LIMITS

480,000

1760

1765

1770

☉ T.H. 494 S.B.

760

765

770

☉ T.H. 494 N.B.

240/480 V., FD. PT. S2W PAD
MOUNTED SECONDARY SERVICE
CABINET TYPE L1 (METERED).

CONSTRUCTION LIMITS

2" R.S.C.
3-1/C #2

XCEL POLE MOUNTED
TRANSFORMER

480,500
152,500

480,500
153,000

FD PT S2W

LIGHTING STANDARDS & BASES

NO.	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
7	759+66		-	TH 494 N.B.	VM-49	400 W HPS
8	762+46		-	TH 494 N.B.	VM-49	400 W HPS
9	765+24		-	TH 494 N.B.	VM-49	400 W HPS
10	768+04		-	TH 494 N.B.	VM-49	400 W HPS
11	770+86		-	TH 494 N.B.	VM-49	400 W HPS
12	773+65		-	TH 494 N.B.	VM-49	400 W HPS
13	1774+12		-	TH 494 S.B.	VM-49	400 W HPS
14	1771+31		-	TH 494 S.B.	VM-49	400 W HPS
15	1768+57		-	TH 494 S.B.	VM-49	400 W HPS
16	1765+75		-	TH 494 S.B.	VM-49	400 W HPS
17	1762+96		-	TH 494 S.B.	VM-49	400 W HPS
18	1760+18		-	TH 494 S.B.	VM-49	400 W HPS

MNDOT RELEASE FOR CONSTRUCTION

SIGNATURE	DATE	BY	CKD	REVISION	DATE
AB	12/8/06	LEW	MJN	AS BUILT	



CERTIFIED BY: _____
LICENSED PROFESSIONAL ENGINEER DATE _____
NAME: BEATRIZ MENDEZ-PLANSKY LIC. NO. 25230

TITLE: PERMANENT LIGHTING PLAN
STATE PROJ. NO. 2785-304 (T.H. 494)

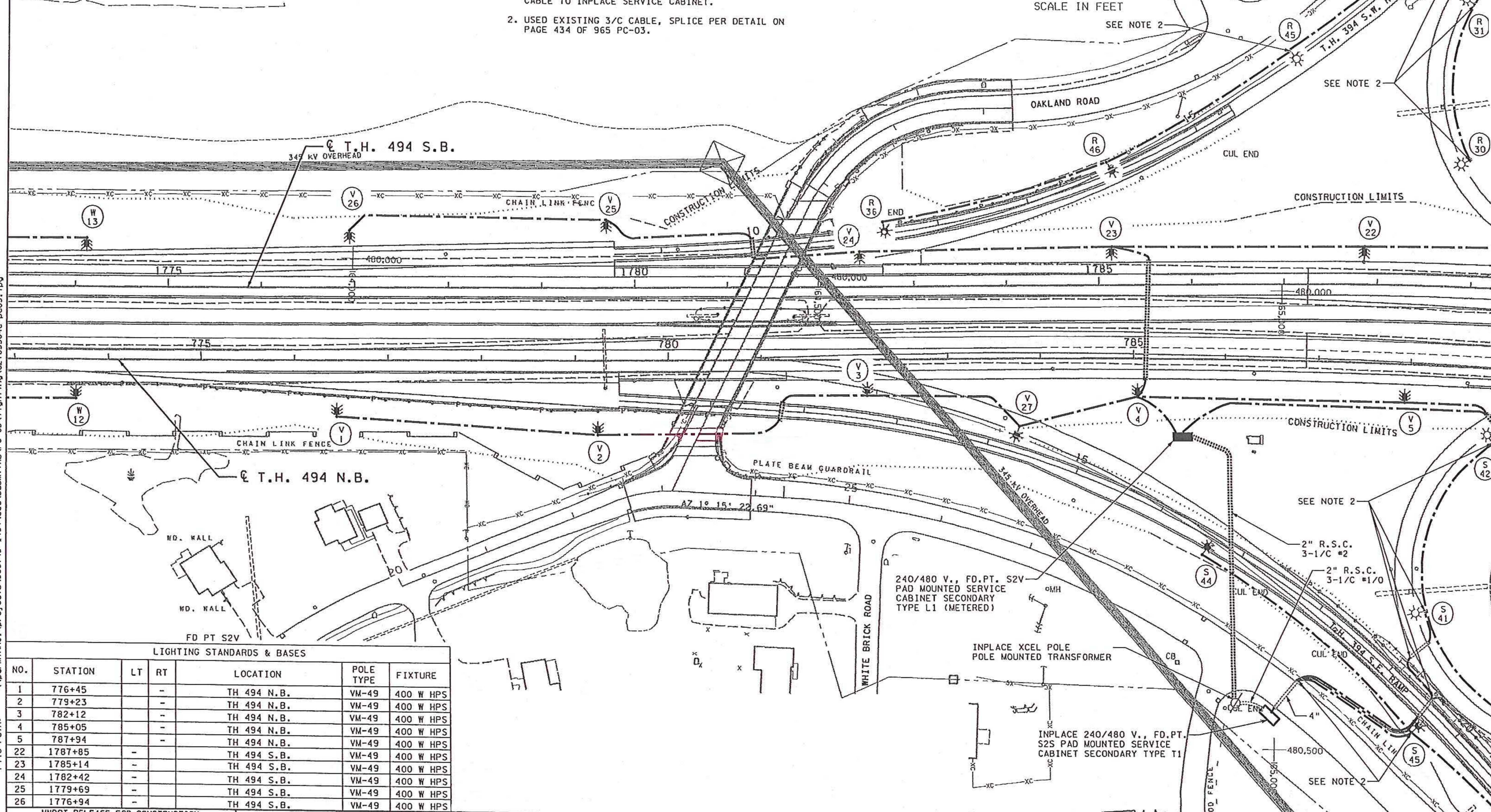
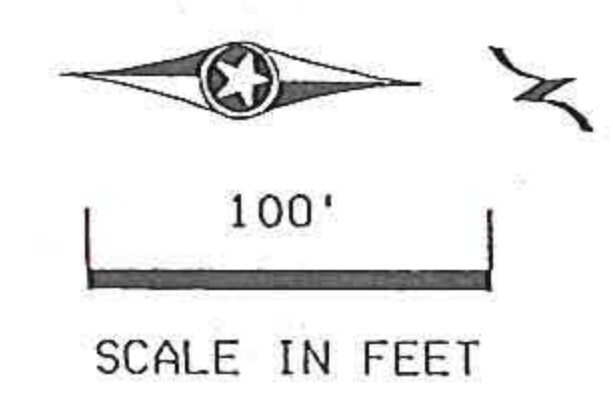
DESIGNED BY: BWP
DRAWN BY: BJW
PACKAGE NO. PC-03
CHECKED BY: PJZ
SHEET LOCATION SL027

SHEET NO. 468 OF 965 SHEETS

FD PT S2W
LIGHTING STANDARDS & BASES

NO.	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
12	773+65	-	-	TH 494 N.B.	VM-49	400 W HPS
13	1774+12	-	-	TH 494 S.B.	VM-49	400 W HPS

- NOTES:
1. DAVIT TYPE LIGHTING UNITS SHOWN AS NEW ON THIS SHEET ARE INPLACE UNITS RELOCATED TO NEW LOCATIONS DUE TO ROADWAY CONSTRUCTION. UNITS SHALL BE RE-WIRED WITH NEW BURIED 4/C #4 ARMORED CABLE TO INPLACE SERVICE CABINET.
 2. USED EXISTING 3/C CABLE, SPLICE PER DETAIL ON PAGE 434 OF 965 PC-03.



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FD PT S2V
LIGHTING STANDARDS & BASES

NO.	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
1	776+45	-	-	TH 494 N.B.	VM-49	400 W HPS
2	779+23	-	-	TH 494 N.B.	VM-49	400 W HPS
3	782+12	-	-	TH 494 N.B.	VM-49	400 W HPS
4	785+05	-	-	TH 494 N.B.	VM-49	400 W HPS
5	787+94	-	-	TH 494 N.B.	VM-49	400 W HPS
22	1787+85	-	-	TH 494 S.B.	VM-49	400 W HPS
23	1785+14	-	-	TH 494 S.B.	VM-49	400 W HPS
24	1782+42	-	-	TH 494 S.B.	VM-49	400 W HPS
25	1779+69	-	-	TH 494 S.B.	VM-49	400 W HPS
26	1776+94	-	-	TH 494 S.B.	VM-49	400 W HPS

MNDOT RELEASE FOR CONSTRUCTION

SIGNATURE	DATE	BY	CKD	REVISION	DATE
AB	12/1/06	LEW	MJM	FDM *078	



CERTIFIED BY: _____ DATE _____
 LICENSED PROFESSIONAL ENGINEER
 NAME: BEATRIZ MENDEZ-PLANSKY LIC. NO. 25230

TITLE: PERMANENT LIGHTING PLAN
 STATE PROJ. NO. 2785-304 (T.H. 494)

DESIGNED BY: BMP	DRAWN BY: BJM	PACKAGE NO. PC-03
AB-0714	CHECKED BY: PJZ	SHEET LOCATION SLO28
SHEET NO. 469 OF 965 SHEETS		