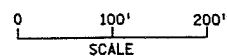
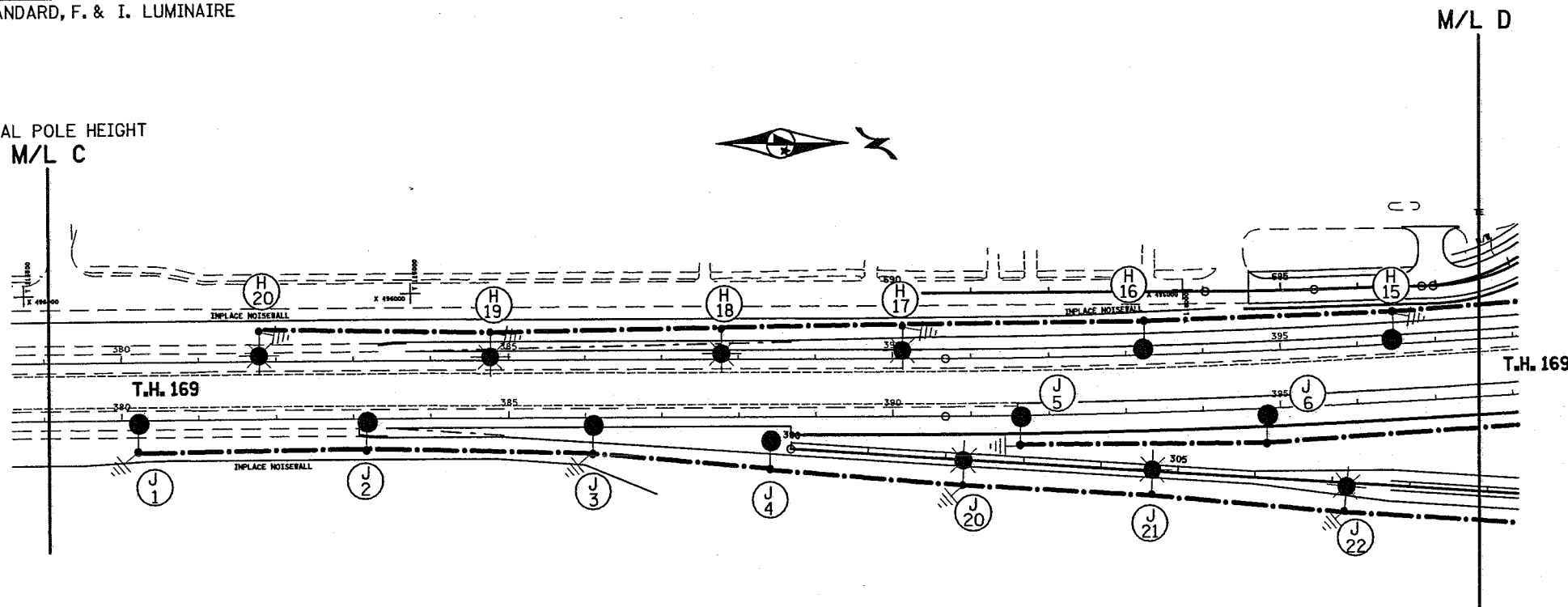
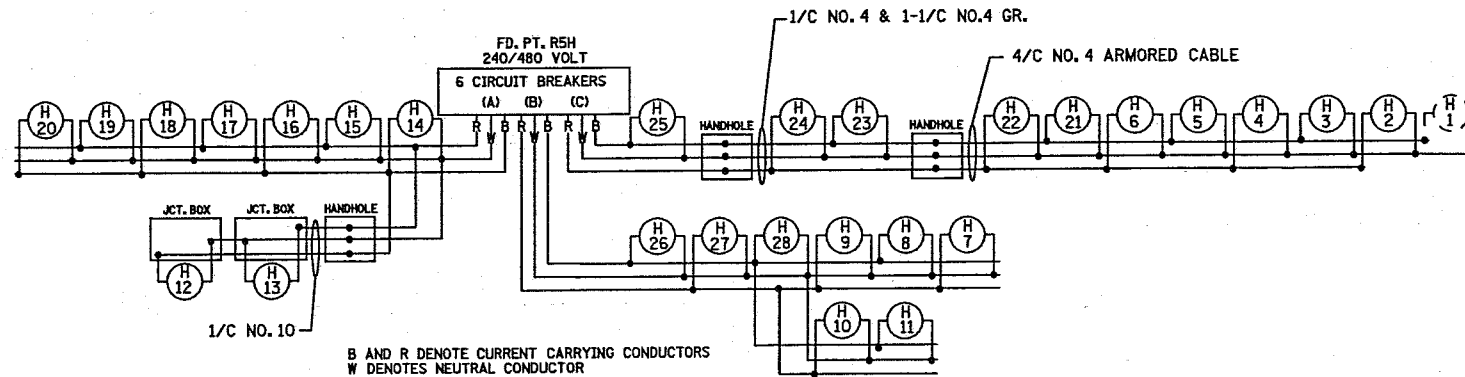


FEEDPOINT R5H

LIGHTING STANDARDS AND BASES

NO.	STATION	LT.	RT.	LOCATION	TYPE	WATTAGE
(2) (4)	1			T.H. 169 S.B.	9-49	400
(1)	2			T.H. 169 S.B.	9-49	400
(1)	3			T.H. 169 S.B.	9-49	400
(1)	4			T.H. 169 S.B.	9-49	400
(1)	5			T.H. 169 S.B.	9-49	400
(1)	6			N.W. RAMP	9-40	250
(1)	7			T.H. 169 S.B.	9-49	400
(1)	8			T.H. 169 S.B.	9-49	400
(1)	9			T.H. 169 S.B.	9-49	400
(1)	10			N.W. LOOP	9-49	400
(1)	11			T.H. 169 S.B.	9-49	400
(1)	12			T.H. 169 S.B.	L	250
(1)	13			T.H. 169 S.B.	L	250
(1)	14			T.H. 169 S.B.	9-49	400
(1)	15			T.H. 169 S.B.	9-49	400
(1)	16			T.H. 169 S.B.	9-49	400
(1)	17			T.H. 169 S.B.	9-49	400
(1)	18			T.H. 169 S.B.	9-49	400
(1)	19			T.H. 169 S.B.	9-49	400
(1)	20			T.H. 169 S.B.	9-49	400
(1)	21			N.W. RAMP	9-40	250
(1)	22			N.W. RAMP	9-40	250
(3) (5)	23			N.W. RAMP	6B-40	250
(3) (5)	24			N.W. RAMP	6B-40	250
(1)	25			N.W. RAMP	9-40	250
(1)	26			N.W. LOOP	9-40	250
(1)	27			N.W. LOOP	9-40	250
(1)	28			N.W. LOOP	9-40	250

- (1) INSTALL SALVAGED LIGHT STANDARD, F. & I. LUMINAIRE & LIGHT STANDARD BASE
- (2) F. & I. LUMINAIRE
- (3) ANCHORAGE BY OTHERS
- (4) RENUMBER LIGHT STANDARD
- (5) SEE SHEET NO. 130 FOR ACTUAL POLE HEIGHT

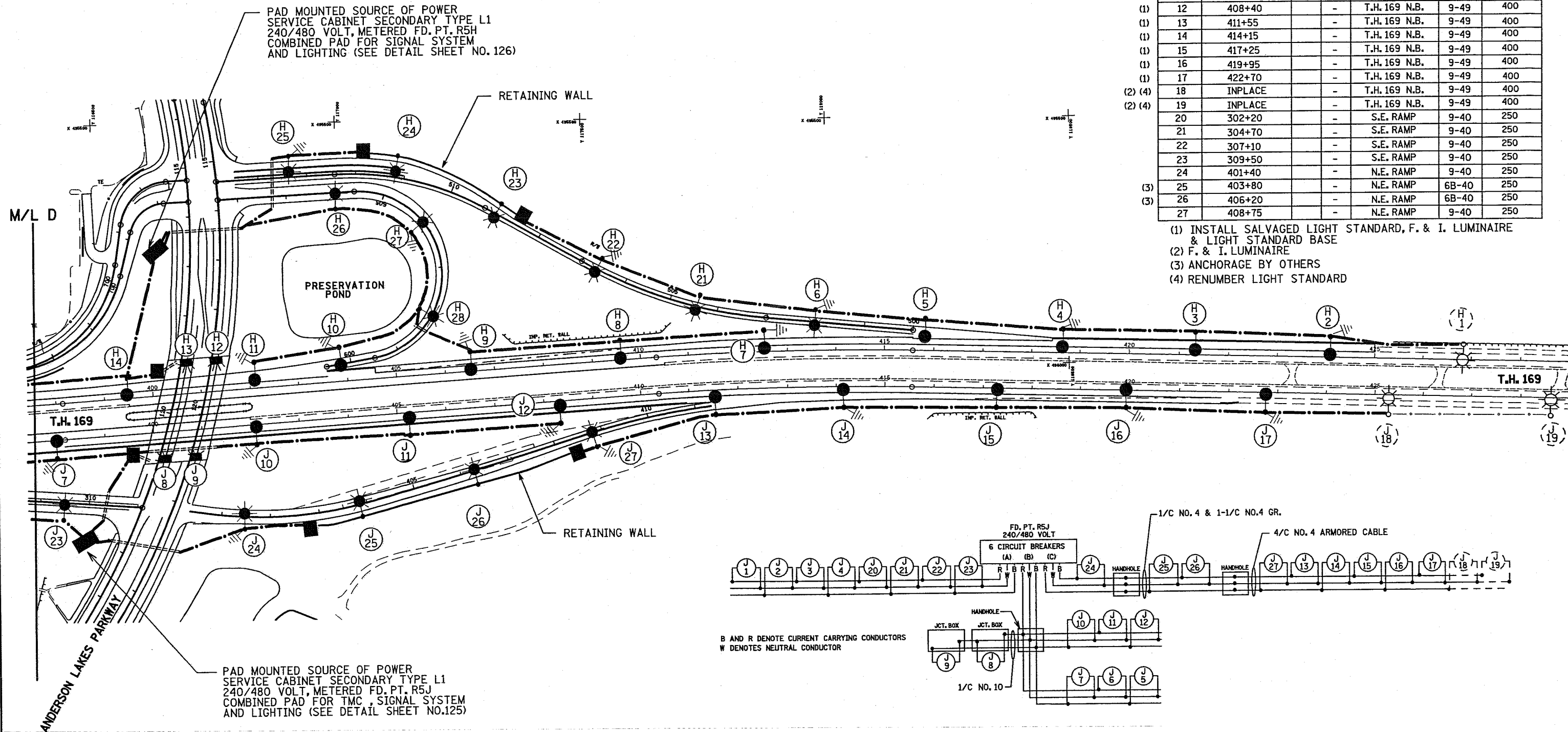


SEE SHEET 134 FOR LEGEND

FEEDPOINT R5J

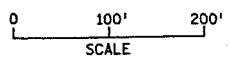
LIGHTING STANDARDS AND BASES						
NO.	STATION	LT.	RT.	LOCATION	TYPE	WATTAGE
(1)	1	380+15	-	T.H. 169 N.B.	9-49	400
(1)	2	383+15	-	T.H. 169 N.B.	9-49	400
(1)	3	386+10	-	T.H. 169 N.B.	9-49	400
(1)	4	388+35	-	T.H. 169 N.B.	9-49	400
(1)	5	391+60	-	T.H. 169 N.B.	9-49	400
(1)	6	394+80	-	T.H. 169 N.B.	9-49	400
(1)	7	398+00	-	T.H. 169 N.B.	9-49	400
	8	400+20	-	T.H. 169 N.B.	L	250
	9	400+80	-	T.H. 169 N.B.	L	250
(1)	10	402+15	-	T.H. 169 N.B.	9-49	400
(1)	11	405+25	-	T.H. 169 N.B.	9-49	400
(1)	12	408+40	-	T.H. 169 N.B.	9-49	400
(1)	13	411+55	-	T.H. 169 N.B.	9-49	400
(1)	14	414+15	-	T.H. 169 N.B.	9-49	400
(1)	15	417+25	-	T.H. 169 N.B.	9-49	400
(1)	16	419+95	-	T.H. 169 N.B.	9-49	400
(1)	17	422+70	-	T.H. 169 N.B.	9-49	400
(2) (4)	18	INPLACE	-	T.H. 169 N.B.	9-49	400
(2) (4)	19	INPLACE	-	T.H. 169 N.B.	9-49	400
	20	302+20	-	S.E. RAMP	9-40	250
	21	304+70	-	S.E. RAMP	9-40	250
	22	307+10	-	S.E. RAMP	9-40	250
	23	309+50	-	S.E. RAMP	9-40	250
	24	401+40	-	N.E. RAMP	9-40	250
(3)	25	403+80	-	N.E. RAMP	6B-40	250
(3)	26	406+20	-	N.E. RAMP	6B-40	250
	27	408+75	-	N.E. RAMP	9-40	250

- (1) INSTALL SALVAGED LIGHT STANDARD, F. & I. LUMINAIRE & LIGHT STANDARD BASE
- (2) F. & I. LUMINAIRE
- (3) ANCHORAGE BY OTHERS
- (4) RENUMBER LIGHT STANDARD



B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR

LIGHTING METER ADDRESS WEST RAMP: 9501 ANDERSON LAKES PKWY
LIGHTING METER ADDRESS EAST RAMP: 9230 BLOOMINGTON FERRY ROAD



CERTIFIED BY *John A. Kiewit*
LICENSED PROFESSIONAL ENGINEER

LIC. NO. 23084

State Proj. No. 2776-02 (T.H. 169) Sheet No. 138 of 300 Sheets

LIGHTING PLAN

SPECIFIC NOTES

- ① EXTEND EXISTING R5H LIGHTING CIRCUIT TO NEW LOCATION OF POLE H/1.
- ② PROVIDE 2" NMC IN SIGN FOUNDATION AT TH 169 SB STA. 419+00, 37.5LT. STUB 12" BEYOND FOUNDATION AND CAP 24" BELOW GRADE.

FD. PT. R5H

LIGHTING STANDARDS AND BASES				
NO.	STATION	LT.	RT.	LOCATION
1	426+94	38		TH 169 SB
29	429+70	*		TH 169 SB

* BRIDGE UNIT

⊕ EXISTING SB 169-1

⊕ EXISTING NB 169-1

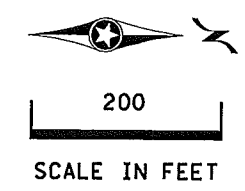
FD. PT. R5L

LIGHTING STANDARDS AND BASES				
NO.	STATION	LT.	RT.	LOCATION
14	432+64	*		TH 169 SB
16	INPLACE			TH 169 SB
17	INPLACE			TH 169 SB

* BRIDGE UNIT

LEGEND

- NEW PAD MOUNTED SERVICE CABINET
- INPLACE PAD MOUNTED SERVICE CABINET
- 1-4/C #4 ARMoured DIRECT BURIED CABLE, UNLESS NOTED OTHERWISE
- INPLACE DIRECT BURIED CABLE
- 3" NON METALIC CONDUIT (N.M.C.) UNLESS NOTED OTHERWISE
- NEW DAVIT LIGHTING UNIT
- INPLACE DAVIT LIGHTING UNIT
- NEW SHOEBOX LIGHTING UNIT
- NEW UNDERPASS LIGHTING UNIT
- INPLACE UNDERPASS LIGHTING UNIT
- NEW THREE HEAD HIGH MAST LIGHTING UNIT (SYMMETRICAL)
- NEW THREE HEAD HIGH MAST LIGHTING UNIT (ASYMMETRICAL)
- MODIFIED HIGH MAST LIGHTING UNIT, FOURTH HEAD ADDED (SYMMETRICAL)
- INPLACE THREE HEAD HIGH MAST LIGHTING UNIT (SYMMETRICAL)
- INPLACE THREE HEAD HIGH MAST LIGHTING UNIT (ASYMMETRICAL)
- RELOCATED THREE HEAD HIGH MAST LIGHTING UNIT (SYMMETRICAL)
- RELOCATED THREE HEAD HIGH MAST LIGHTING UNIT (ASYMMETRICAL)
- NEW HANDHOLE
- INPLACE HANDHOLE
- TRANSFORMER
- GROUND ROD



\\mspec001\proj\as-built\design\plan\package\sheet\30_Lighting_Plans\CD277603_T24_LL01.dgn

10:22:33 AM

MNDOT		DRAWN: TKF	 	I HEREBY CERTIFY THAT THIS PLAN 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.	LIGHTING SHEET	SHEET 1 OF 14 DESIGN PACKAGE T24 SHEET LOCATION SL_A DRAWING NAME CD277603_T24_LL01	
SIGNATURE _____ DATE _____		CHECKED: MAH			TH 169 STA. 405-435		
REV	DATE	BY			DESCRIPTION OF REVISION		S.P. NO. 2776-03 (T.H. 169)
	01-14-13				AS-BUILT		SHEET NO. 1293 OF 2032 SHEETS
		DESIGNED: MAH	DATE 20781				
		CHECKED: BML	NAME JEFFREY A. HILDEN LICENSE 20781				