





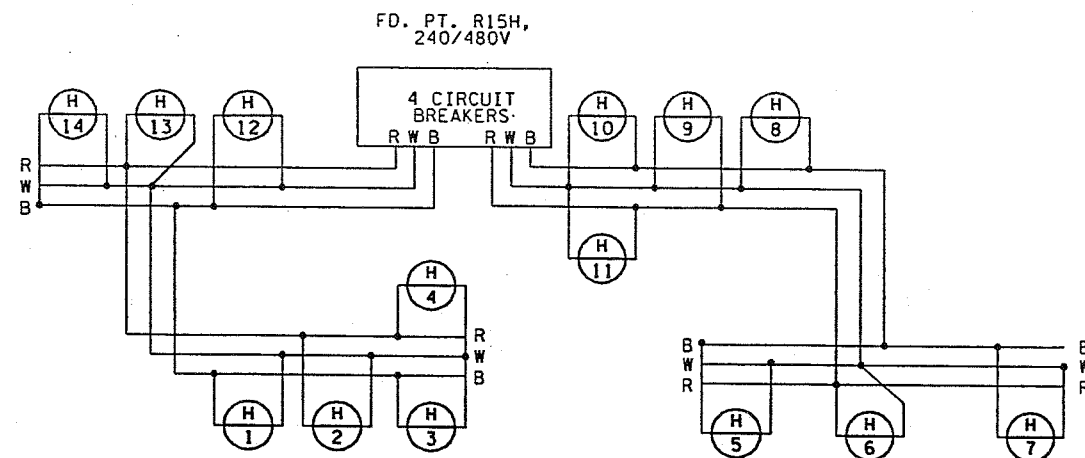


LEGEND

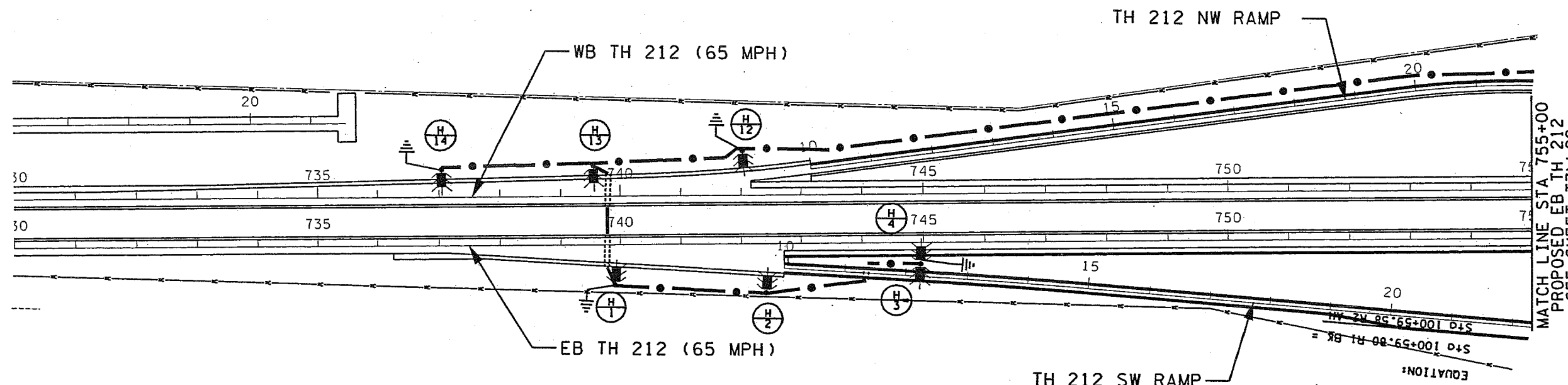
-  PAD MOUNTED SERVICE CABINET (TYPE L1 - SEE SHEET T7LD09)
-  3" NON-METALLIC CONDUIT
-  DIRECT BURIED POWER CABLE-4 CONDUCTOR NO. 4 A.W.G. ARMORED CABLE (SPEC. NO. 3815)
-  PERMANENT GROUND ROD (25 OHMS OR LESS)
-  250 WATT HPS VERTICAL MOUNT LIGHTING UNIT
-  250 WATT HPS TWIN VERTICAL MOUNT LIGHTING UNIT

MN/DOT FD. PT. R15H

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
1	739+91		XX	T.H. 212 E.B.	VM-45
2	742+41		XX	T.H. 212 E.B.	VM-45
3	744+97		XX	T.H. 212 E.B.	VMD-45
4	773+09		XX	T.H. 212 E.B.	VM-45
5	775+54		XX	T.H. 212 E.B.	VM-45
6	778+03		XX	T.H. 212 E.B.	VM-45
7	774+34	XX		T.H. 212 W.B.	VM-45
8	771+85	XX		T.H. 212 W.B.	VM-45
9	769+29	XX		T.H. 212 W.B.	VMD-45
10	742+02	XX		T.H. 212 W.B.	VM-45
11	739+54	XX		T.H. 212 W.B.	VM-45
12	737+04	XX		T.H. 212 W.B.	VM-45



B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR



200
SCALE IN FEET

NOTES:

1. POLES SHALL BE FIELD ADJUSTED AS NECESSARY IN ACCORDANCE WITH POLE THE PLACEMENT DETAIL (T7LD07) AND WITH THE CONSENT OF THE TRAFFIC ENGINEERING MANAGER.
2. ALL CABLE SHALL BE 4/C#4 DIRECT BURIED CABLE UNLESS NOTED OTHERWISE.
3. LIGHT BASES SHALL BE CONCRETE DESIGN H. SEE STANDARD PLATES.

10:56:51 AM 3/13/2006 2113.D CAD/SHEETS/UP_TTL/Light/ing/Layouts/c101712.T7LL01A.dgn

NO	DATE	BY	CHKD	APPR	REVISION
0	3/13/06	KEL	PJZ	RJG	INITIAL RELEASE FOR CONSTRUCTION

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.
Print Name: ROBERT J. GREEN
Robert J. Green
Date: 3-13-06 License # 22793







MN/DOT RELEASED FOR CONSTRUCTION
Date _____ MnDOT

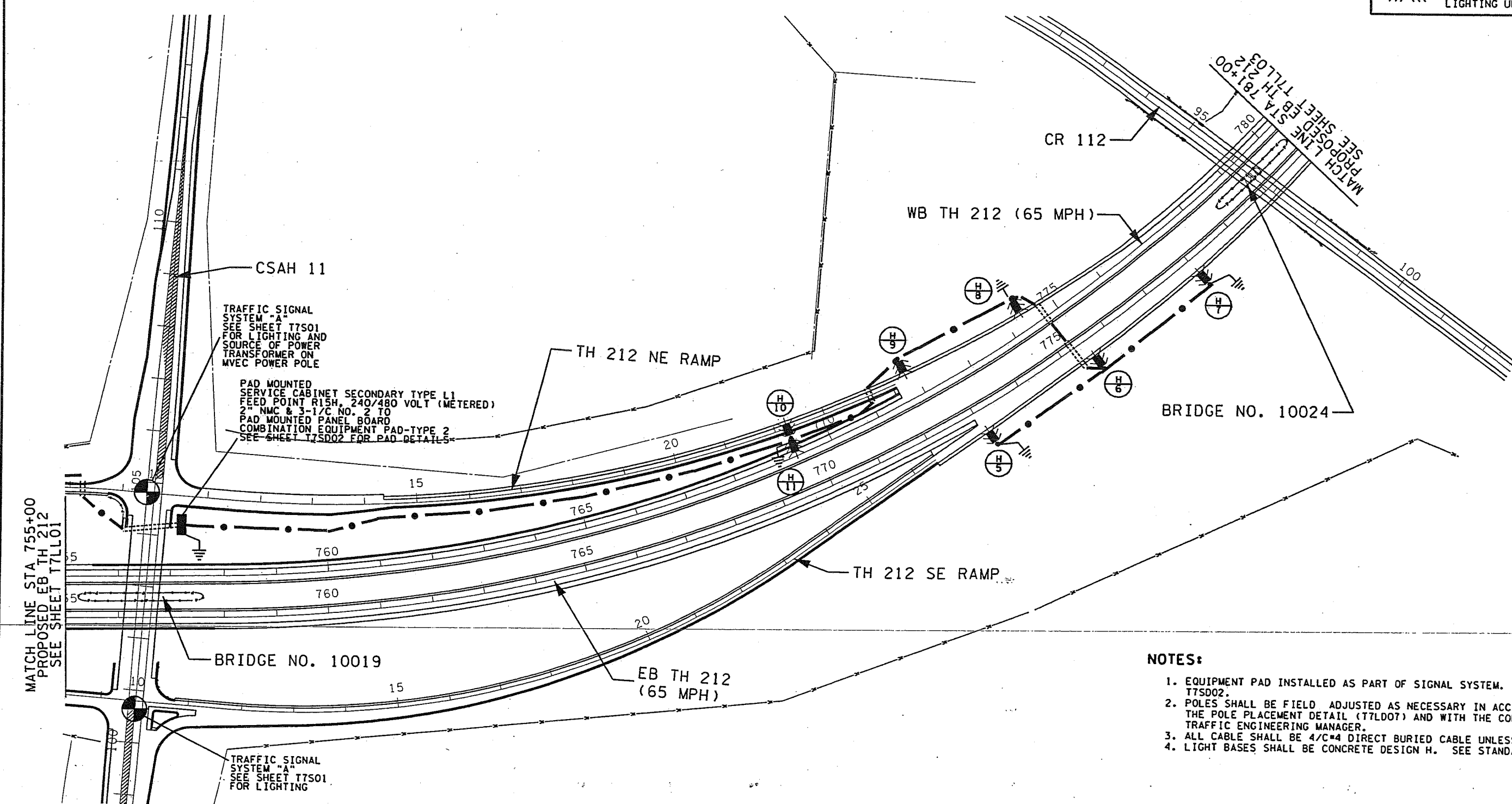
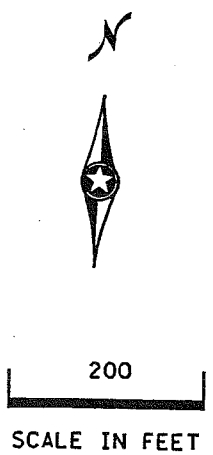


TH 212 DESIGN BUILD (SP 1017-12)
LIGHTING LAYOUT
TH 212/CSAH 11 INTERCHANGE
STA. 730+00 TO STA 755+00

SHEET T7LL01 OF T7LL26

LEGEND

-  PAD MOUNTED SERVICE CABINET (TYPE L1 - SEE SHEET T7LD09)
-  3" NMC CONDUIT
-  DIRECT BURIED POWER CABLE-4 CONDUCTOR NO. 4 A.W.G. ARMORED CABLE (SPEC. NO. 3815)
-  PERMANENT GROUND ROD (25 OHMS OR LESS)
-  250 WATT HPS VERTICAL MOUNT LIGHTING UNIT
-  250 WATT HPS TWIN VERTICAL MOUNT LIGHTING UNIT



NOTES:

1. EQUIPMENT PAD INSTALLED AS PART OF SIGNAL SYSTEM. SEE SHEET T7SD02.
2. POLES SHALL BE FIELD ADJUSTED AS NECESSARY IN ACCORDANCE WITH THE POLE PLACEMENT DETAIL (T7LD07) AND WITH THE CONSENT OF THE TRAFFIC ENGINEERING MANAGER.
3. ALL CABLE SHALL BE 4/C*4 DIRECT BURIED CABLE UNLESS NOTED OTHERWISE.
4. LIGHT BASES SHALL BE CONCRETE DESIGN H. SEE STANDARD PLATES.

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 3/13/2006
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0	3/13/06	KEL	PJZ	RJG	INITIAL RELEASE FOR CONSTRUCTION
NO	DATE	BY	CKD	APPR	REVISION
... \Layouts\c101712_T7LL02A.dgn					

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.
 Pr Int Name: **ROBERT J. GREEN**
Robert J. Green
 Date: **3-13-06** License # 22793

MN/DOT RELEASED FOR CONSTRUCTION
 Date _____ MnDOT



TH 212 DESIGN BUILD (SP 1017-12)
 LIGHTING LAYOUT
 TH 212/CSAH 11 INTERCHANGE
 STA 755+00 TO STA 781+00

SHEET
 T7LL02
 OF
 T7LL26