

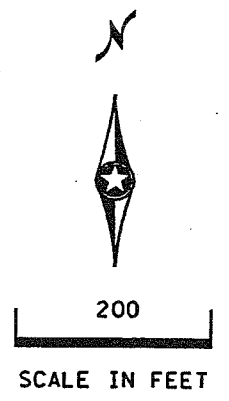
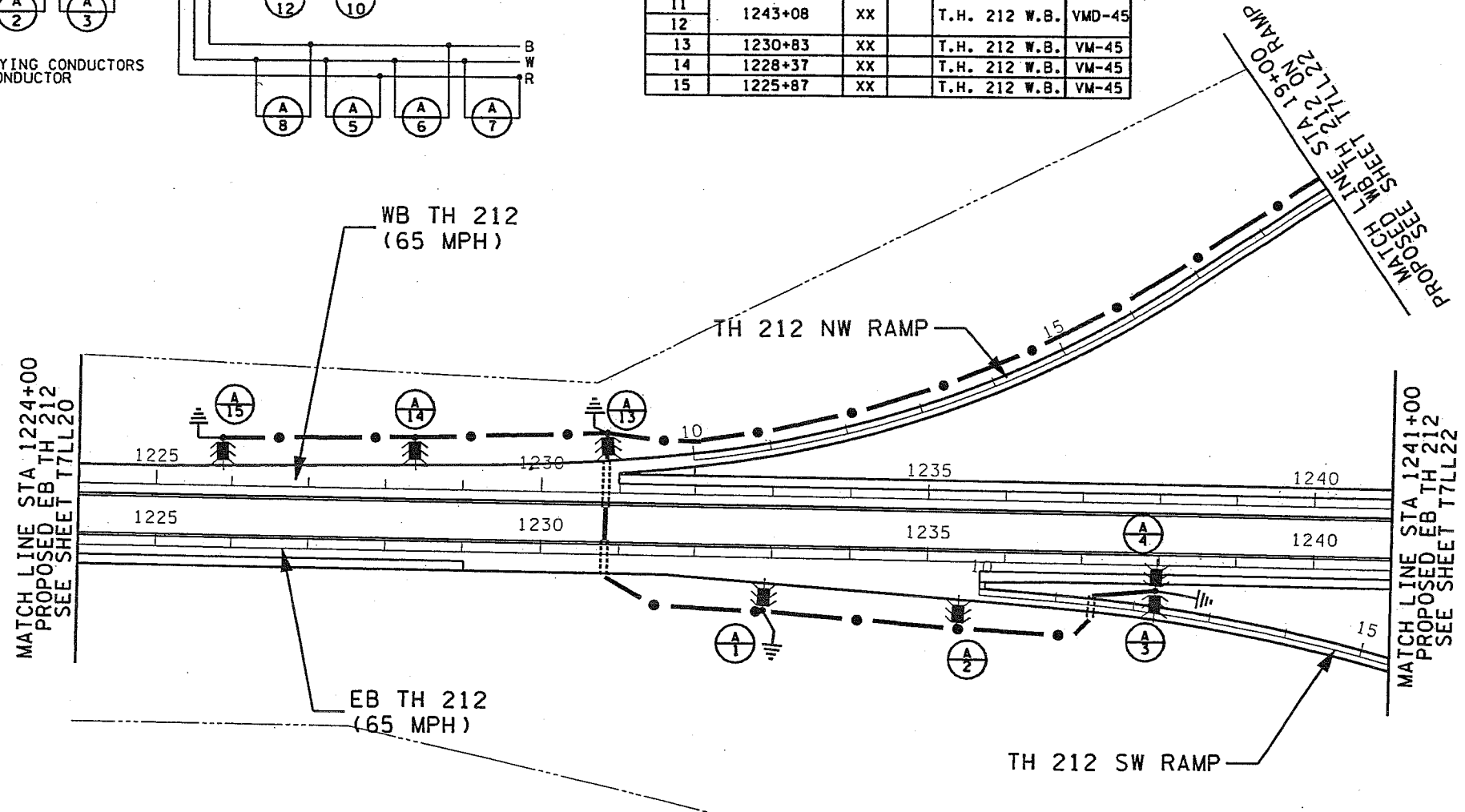
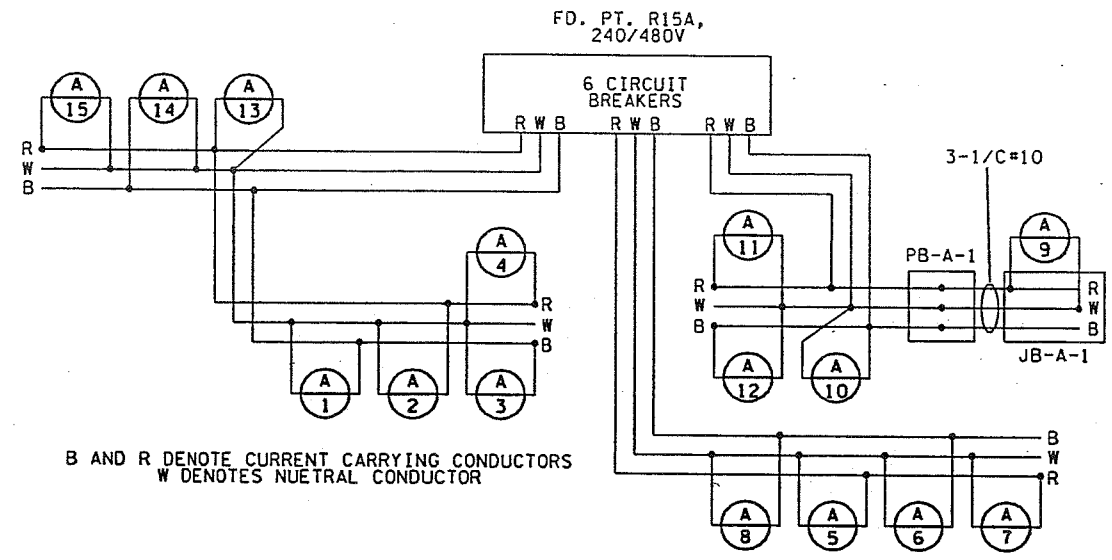
# MN/DOT FD. PT. R15A

## 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
- PULL BOX
- 250 W HPS UNDERPASS LIGHTING UNIT

### LIGHTING STANDARDS AND BASES

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	1232+89		XX	T.H. 212 E.B.	VM-45
2	1235+40		XX	T.H. 212 E.B.	VM-45
3					
4	1237+96		XX	T.H. 212 E.B.	VMD-45
5	1259+72		XX	T.H. 212 E.B.	VM-45
6	1262+15		XX	T.H. 212 E.B.	VM-45
7	1264+67		XX	T.H. 212 E.B.	VM-45
8	1249+31	XX		T.H. 212 W.B.	VM-45
9	1248+05	XX		T.H. 212 W.B.	L
10	1245+46	XX		T.H. 212 W.B.	VM-45
11					
12	1243+08	XX		T.H. 212 W.B.	VMD-45
13	1230+83	XX		T.H. 212 W.B.	VM-45
14	1228+37	XX		T.H. 212 W.B.	VM-45
15	1225+87	XX		T.H. 212 W.B.	VM-45



### NOTES:

1. POLES SHALL BE FIELD ADJUSTED AS NEEDED IN ACCORDANCE WITH THE POLE 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.
4. SEE SHEET T7LD05 FOR UNDERPASS LIGHT DETAIL.

5:25:28 PM 3/13/2006 Z:\13-0 CAD\SHETS\DP-T7\Lighting\Layouts\c101712\_T7LL21A.dgn

NO	DATE	BY	CHKD	APPR	REVISION
0	3/13/06	KEL	RJG	PJZ	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: PAUL J. ZAGER  
  
 Date: 3-17-06 License # 41642









MN/DOT RELEASED FOR CONSTRUCTION

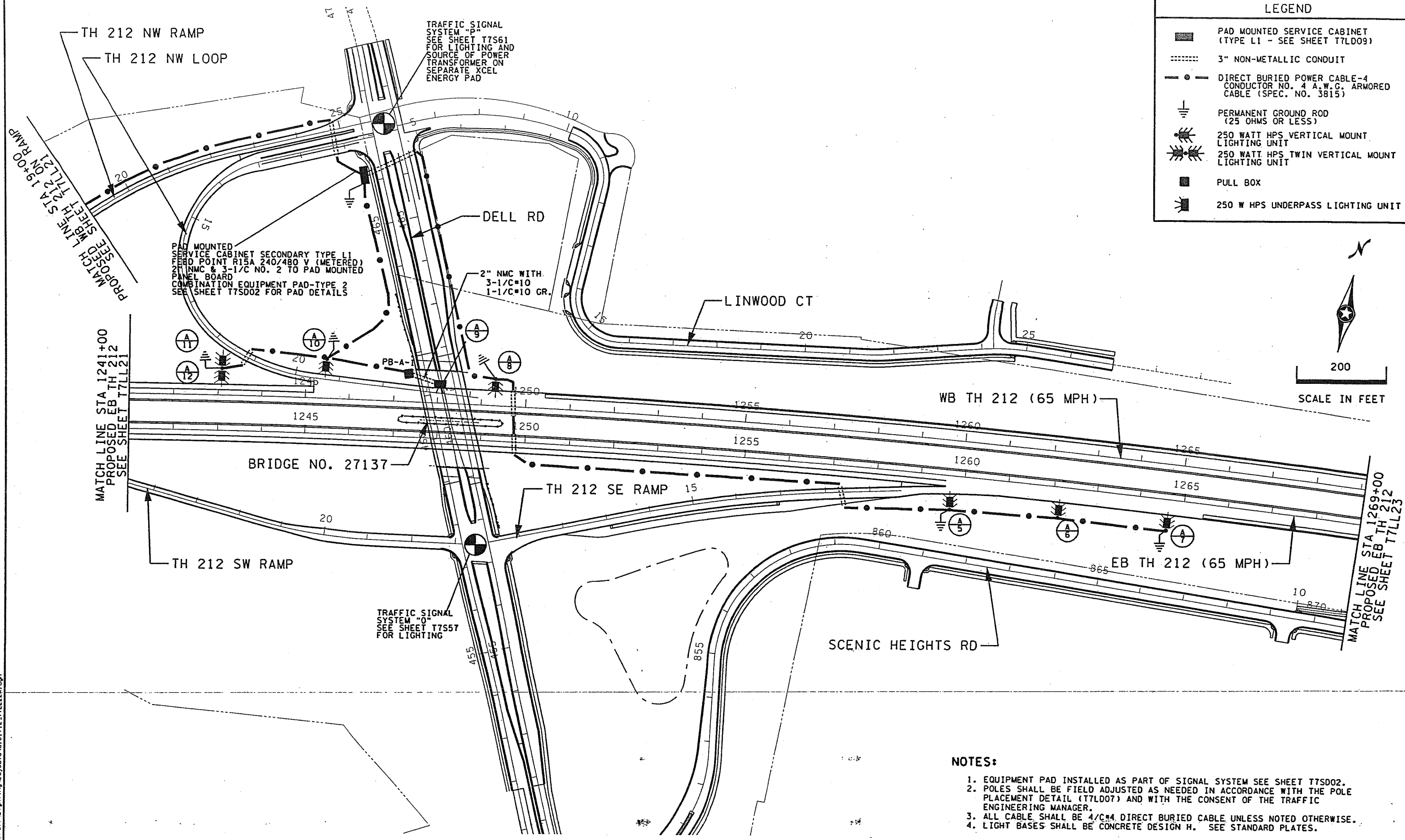
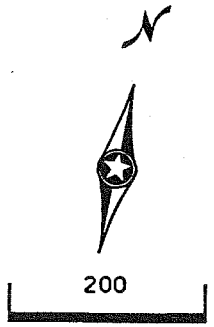
Date: \_\_\_\_\_ MnDOT



TH 212 DESIGN BUILD (SP 1017-12)	SHEET T7LL21
LIGHTING LAYOUT	OF
TH 212/DELL RD INTERCHANGE	T7LL26
STA 1224+00 TO STA 1241+00	

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
-  PULL BOX
-  250 W HPS UNDERPASS LIGHTING UNIT



NOTES:

1. EQUIPMENT PAD INSTALLED AS PART OF SIGNAL SYSTEM SEE SHEET T7S002.
2. POLES SHALL BE FIELD ADJUSTED AS NEEDED 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.

10:59:03 AM 3/13/2006 Z:\13.0 CAD\SHETS\DP\_TTL\Lighting\Layouts\101712\_T7LL22A.dgn

0	3/13/06	REL	RJK	PJZ	INITIAL RELEASE FOR CONSTRUCTION
NO	DATE	BY	CKD	APPR	REVISION
... \Layouts\101712_T7LL22A.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.

Print Name: PAUL J. ZAGER  
*Paul J. Zager*  
 Date: 3-13-06 License # 41642

MN/DOT RELEASED FOR CONSTRUCTION

Date: \_\_\_\_\_ MnDOT



TH 212 DESIGN BUILD (SP 1017-12)  
 LIGHTING LAYOUT  
 TH 212/DELL RD INTERCHANGE  
 STA 1241+00 TO STA 1269+00

SHEET  
 T7LL22  
 OF  
 T7LL26