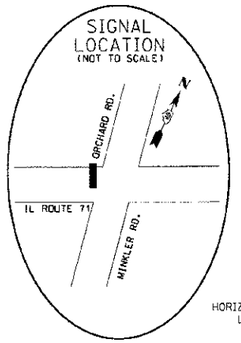
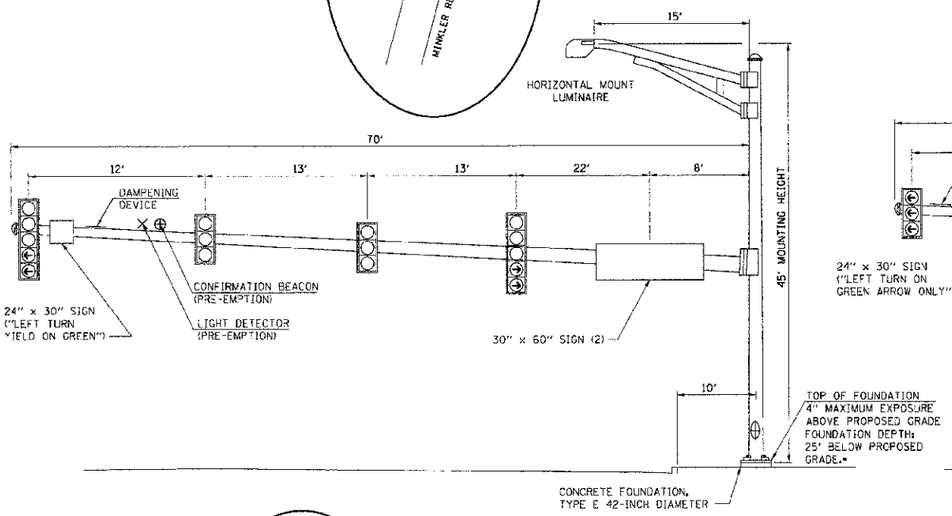
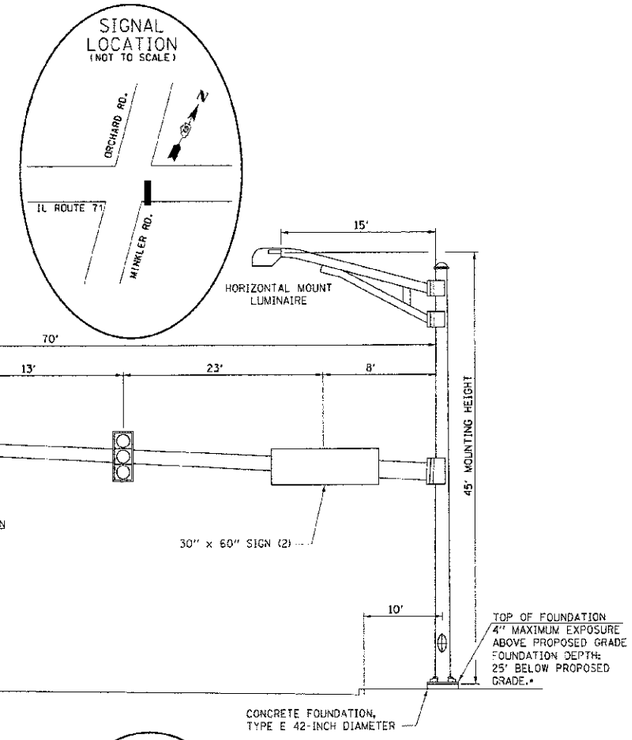
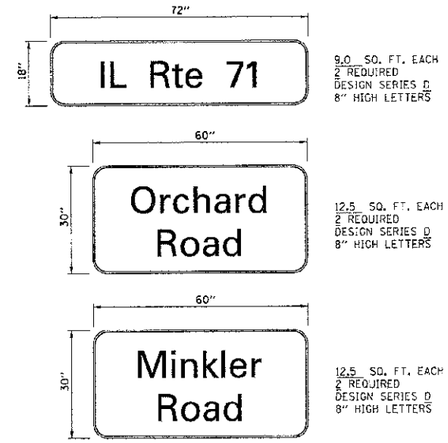
CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-)IR	KENDALL	514	371
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		







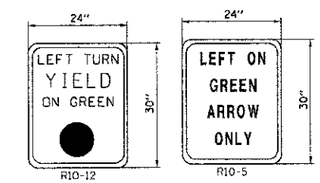


STREET NAME SIGN DETAIL

THESE STREET NAME SIGNS SHALL BE PLACED ON THE MAST ARMS PARALLEL TO THE RESPECTIVE ROUTE AS DIRECTED BY THE ENGINEER.

STREET NAME SIGNS

1. TYPE ZZ SHEETING REQUIRED
2. WHITE LETTERING ON GREEN BACKGROUND
3. 3/4" WHITE BORDER



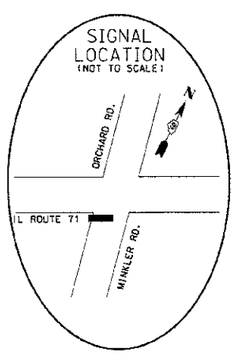
TYPE "A" SHEETING REQUIRED
5.0 SQ. FT. EACH
2 REQUIRED

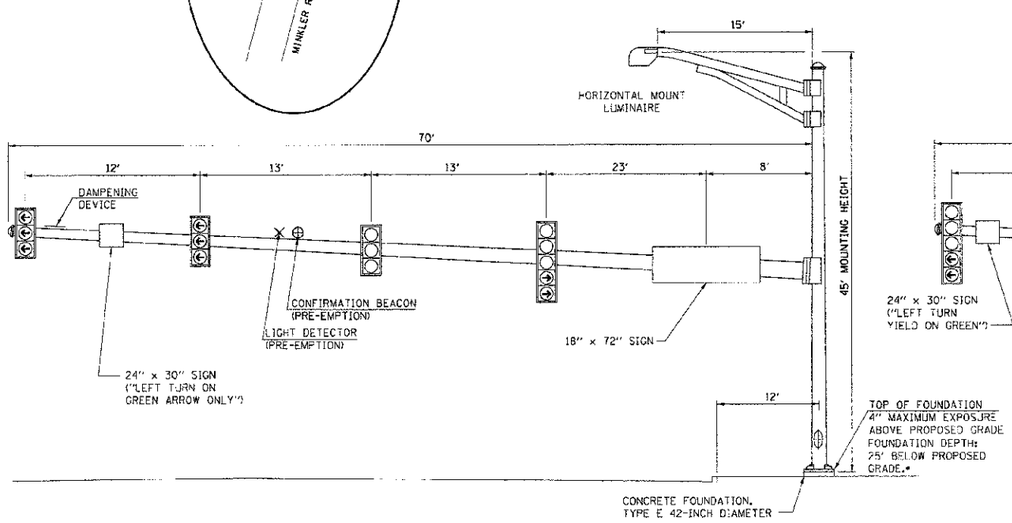
TYPE "A" SHEETING REQUIRED
5.0 SQ. FT. EACH
2 REQUIRED

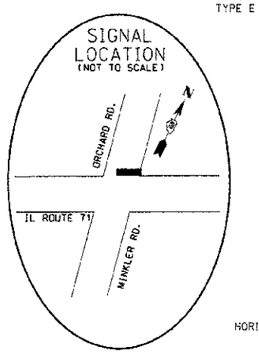
LEFT TURN CONTROL SIGN DETAIL

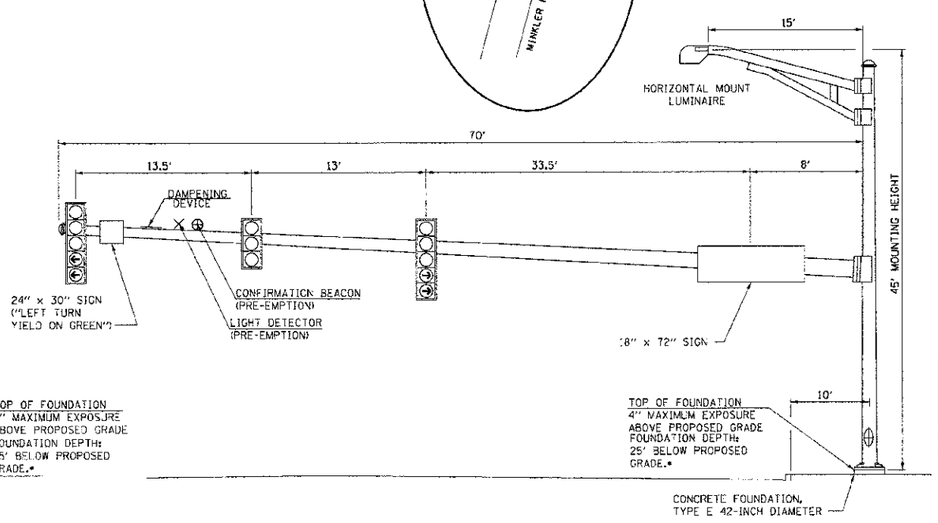
THIS SIGN SHALL BE LOCATED 6 TO 12 INCHES TO THE RIGHT OF THE MAST ARM MOUNTED LEFT TURN SIGNAL HEAD.

*FOUNDATION DEPTHS ARE BASED ON THE TABLE INCLUDED IN HIGHWAY STANDARD 878001 WHICH ARE DESIGNED FOR SOILS WITH AN AVERAGE UNCONFINED COMPRESSIVE STRENGTH GREATER THAN 1.0 TSF. PRIOR TO FOUNDATION INSTALLATION, THE CONTRACTOR SHALL VERIFY THE SOIL STRENGTH TO THE DEPTH OF THE FOUNDATION AT EACH PROPOSED LOCATION.









NOTES

1. ALL SIGNAL HEADS HAVE BACKPLATES.
2. ALL MAST ARM FOUNDATIONS TO BE 42" DIAMETER.
3. DAMPENING DEVICE SHALL CONSIST OF A 24" X 30" TYPE-I, UNPAINTED ALUMINUM SIGN STOCK MOUNTED HORIZONTALLY ON TOP OF MAST ARM WITH THE 30" LENGTH PERPENDICULAR TO THE ARM. COST OF THE DAMPENING DEVICE SHALL BE INCLUDED IN THE MAST ARM PAY ITEM.
4. ARM SUPPORT FOR LUMINAIRE SHALL BE PARALLEL TO MAST ARM.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAST ARM LOADING DIAGRAMS
IL ROUTE 71
ORCHARD RD./MINKLER RD.

SCALE: N.T.S. DRAWN BY NMR

DATE: 7/9/2012 CHECKED BY DJL

PLOT DATE = 7/9/2012
FILE NAME = p:\3141_dot\dist3\oswego\phase i\d1816_ORCHARD_MINKLER_TF8.dgn
PLOT SCALE = 28.8000 ' / in.