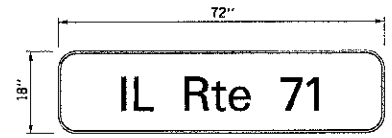
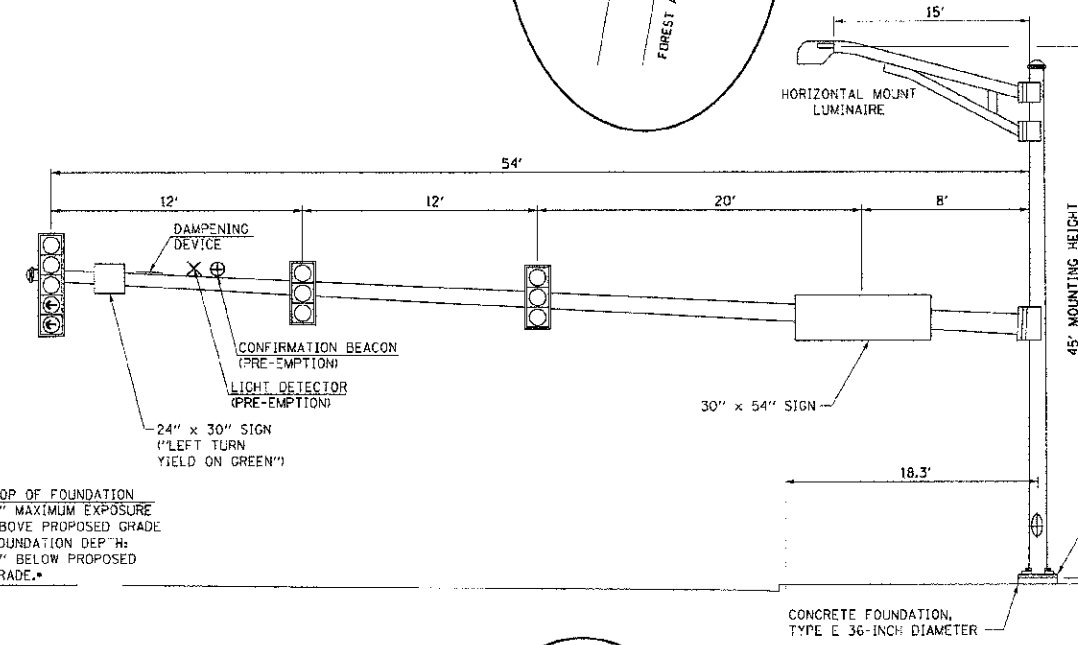
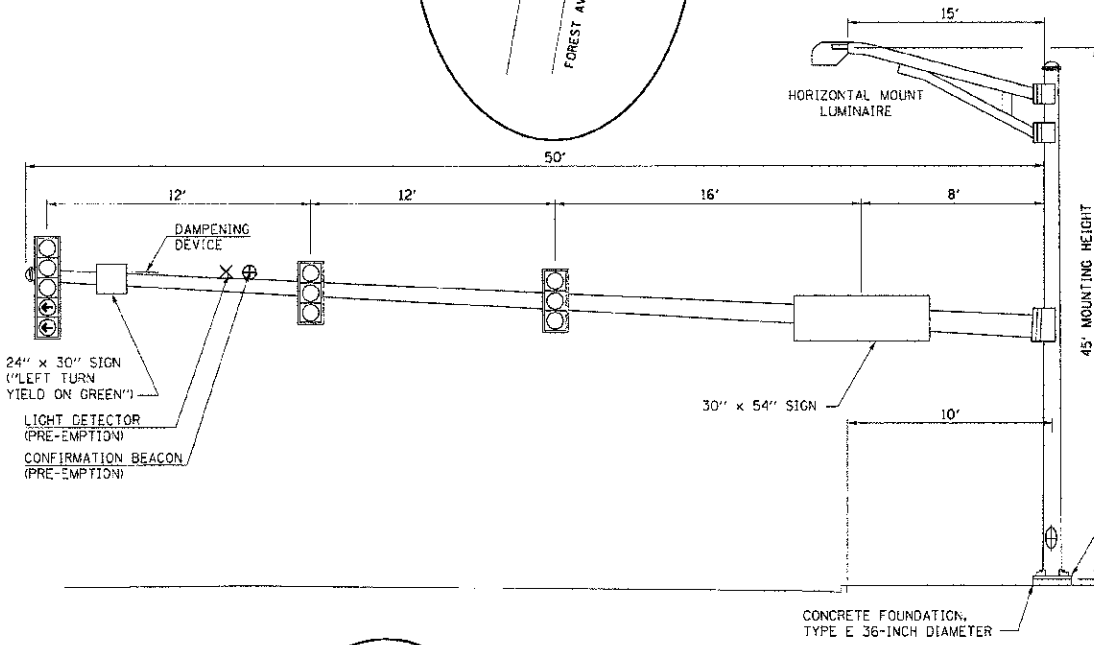
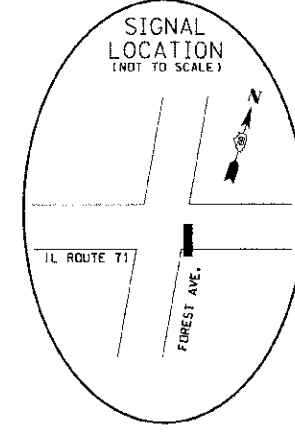
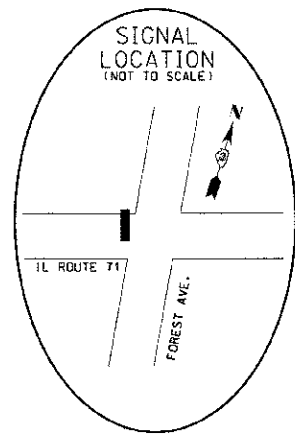
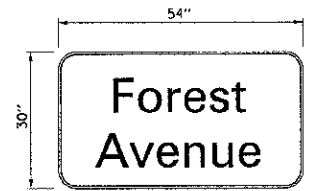


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	1-11R	KENDALL	514	375
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



3.0 SO. FT. EACH
2 REQUIRED
DESIGN SERIES D
8" HIGH LETTERS



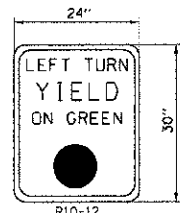
1.25 SO. FT. EACH
2 REQUIRED
DESIGN SERIES D
8" HIGH LETTERS

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

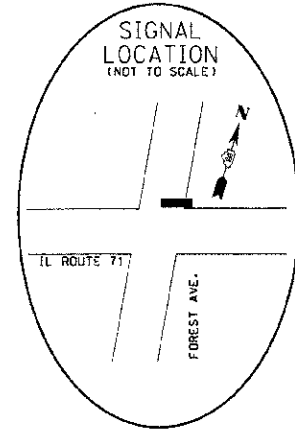
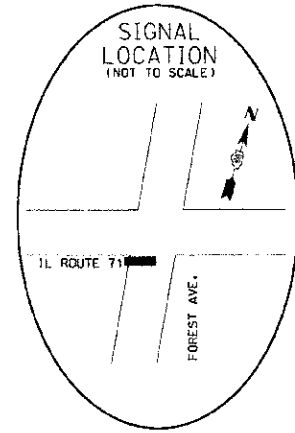
1. TYPE Z2 SHEETING REQUIRED
2. WHITE LETTERING ON GREEN BACKGROUND
3. 3/4" WHITE BORDER



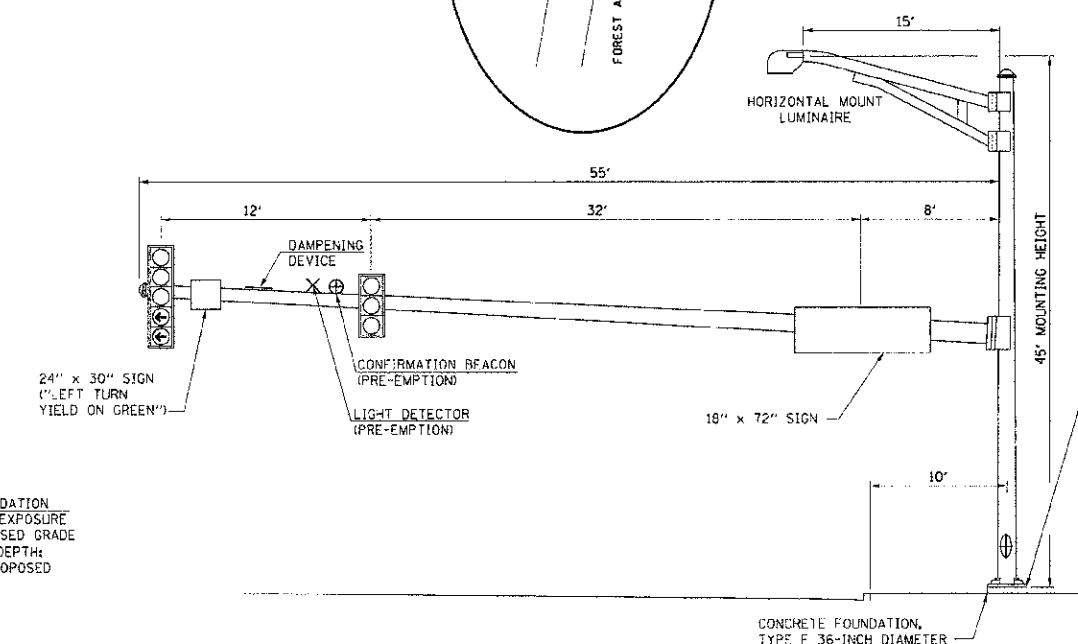
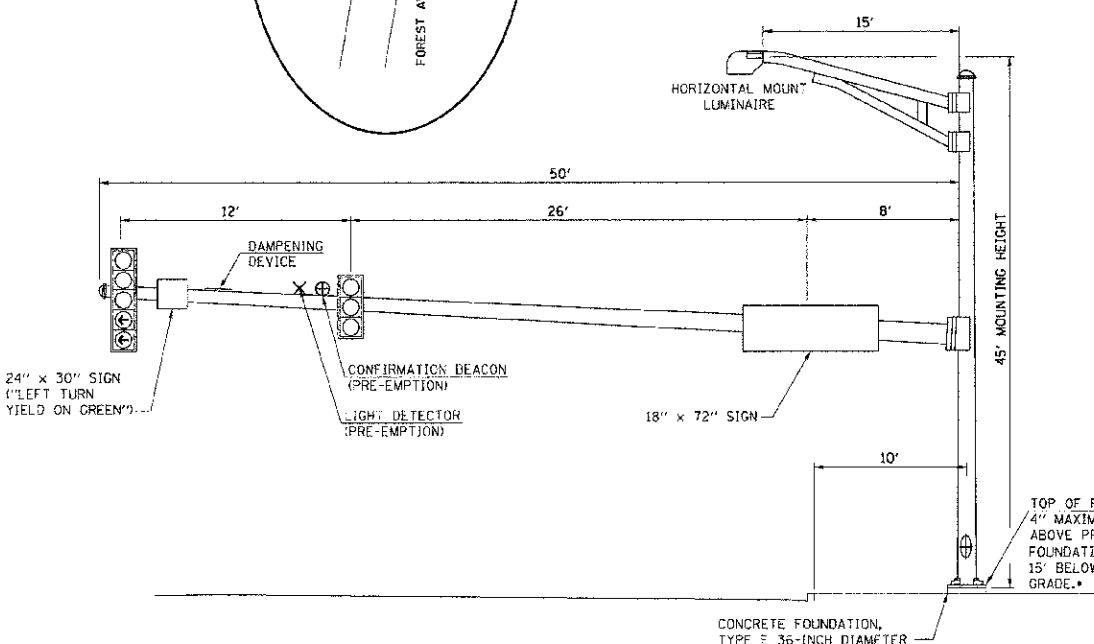
R10-12
TYPE "A" SHEETING REQUIRED
5.0 SO. FT. EACH
4 REQUIRED

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 36" 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
FOREST AVE.

SCALE: N.T.S.
DATE: 7/9/2012

DRAWN BY NMR
CHECKED BY DJL

PLOT DATE = 7/9/2012
 FILE NAME = P:\projects\110616\110616.dwg
 PLOT SCALE = 3/8"=1'-0"