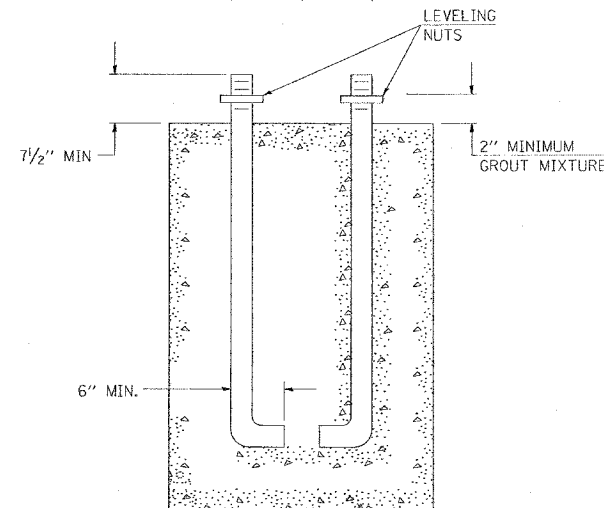
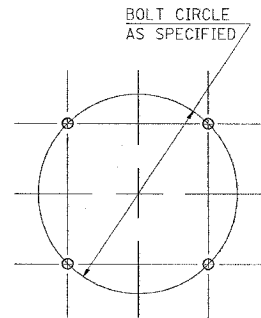
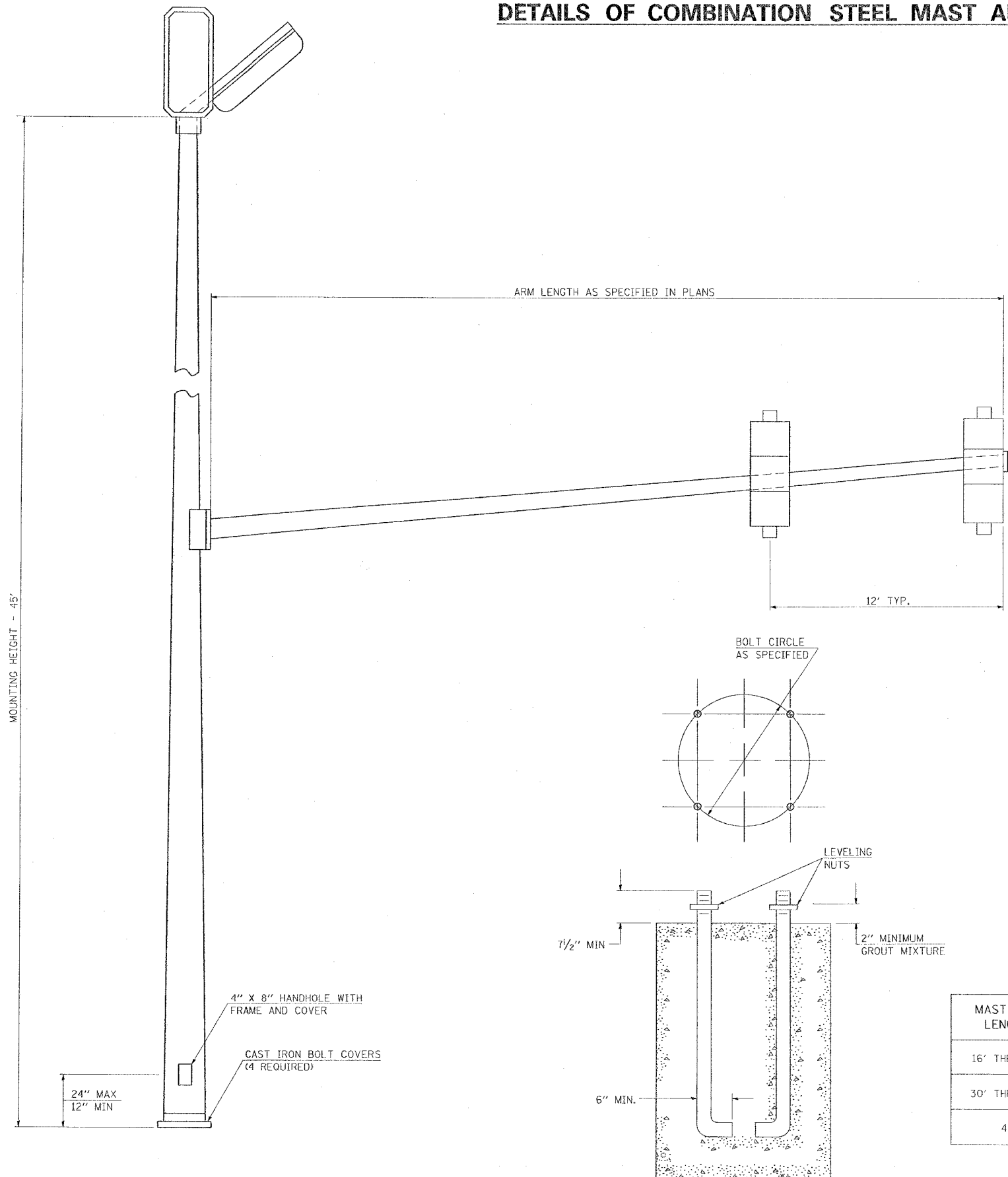


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WILLIAMSON	917	805
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 1-57, & OLD IL 13 (FAU 9629)				
* * (X1-6-2)VB-2,(X1-6)HBK-2				

DETAILS OF COMBINATION STEEL MAST ARM ASSEMBLY AND POLE

GENERAL NOTES

1. THE COMBINATION MAST ARM ASSEMBLY AND POLE SHALL BE CONSTRUCTED WITH ONE PIECE MAST ARMS AND POLE OR OTHER EQUIVALENT SECTIONAL DESIGN.
2. THE CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS SHOWING DESIGN MATERIALS, THICKNESS OF SECTIONS, WELD SIZES, AND ANCHOR BOLTS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THESE DRAWINGS SHALL BE AT LEAST 17" BY 22" IN SIZE AND OF ADEQUATE QUALITY FOR MICROFILMING.
3. THE TYPE OF SIGNAL HEAD MOUNTING BRACKET TO BE USED SHALL BE APPROVED BY THE ENGINEER.
4. THE SIGNAL HEAD (INCLUDING BACKPLATE WHEN USED) SHALL NOT BE LESS THAN 16' OR MORE THAN 18' ABOVE THE CROWN OF PAVEMENT.
5. THE MANUFACTURER WILL BE ALLOWED TO SLOT THE BASE PLATE IN WHICH OTHER BOLT CIRCLES MAY FIT, PROVIDING THAT THESE SLOTS DO NOT OFFSET THE INTEGRITY OF THE POLE.
6. COMBINATION MAST ARM ASSEMBLIES AND POLES SHALL NOT BE INSTALLED WITHOUT THE LUMINAIRE.
7. THE ANCHOR BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
8. FOR MAST ARMS LESS THAN 32', THE 72" X 30" SIGN S BE MOUNTED ON THE MAST ARM POLE INSTEAD OF THE ARM.



MAST ARM LENGTH	BOLT CIRCLE	ANCHOR BOLT SIZE
16' THRU 28'	15"	1 1/2" X 60"
30' THRU 42'	18"	1 1/2" X 60"
44'	18"	1 3/4" X 90"

REVISIONS

DRAWN	2-13-90	REVISED	5-14-02
REVISED	8-16-94	REVISED	
REVISED	12-18-01	REVISED	
REVISED	2-19-02	REVISED	

STD. 9-70

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETAIL: COMBINATION STEEL MAST ARM ASSEMBLY AND POLE
		SCALE: VERT. NO SCALE HORIZ. DATE
		DRAWN BY CNH CHECKED BY

PLOT DATE = 10/13/2005
 FILE NAME = c:\p\proj\98950\2692\cd13\cd13.dgn
 PLOT SCALE = 50.0000 / 1 IN.
 USER NAME = heden