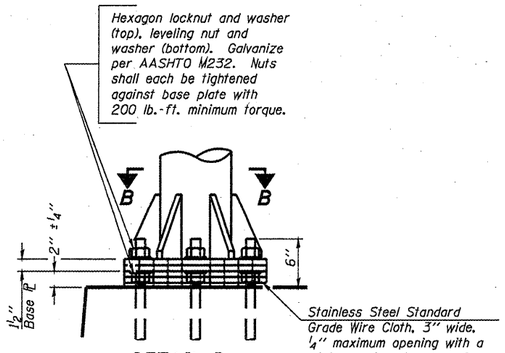
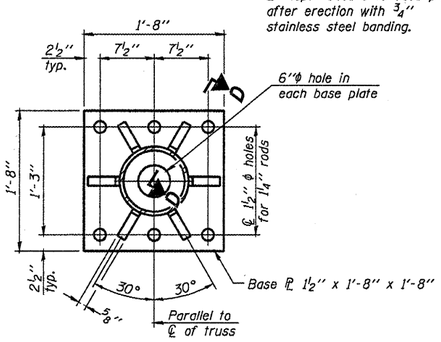
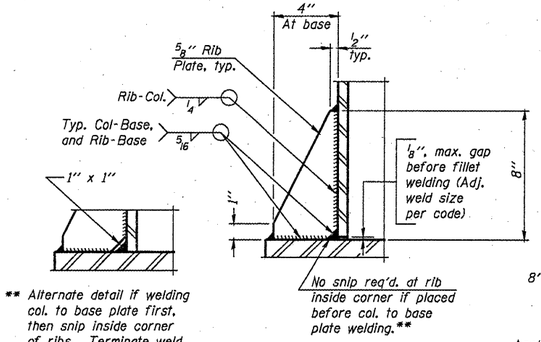


DETAIL B

Ribs shall be cut to fit slope of pipe.

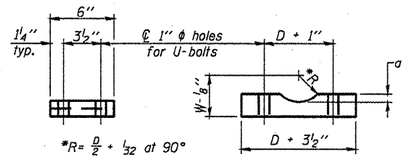


SECTION B-B



** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

SECTION D-D



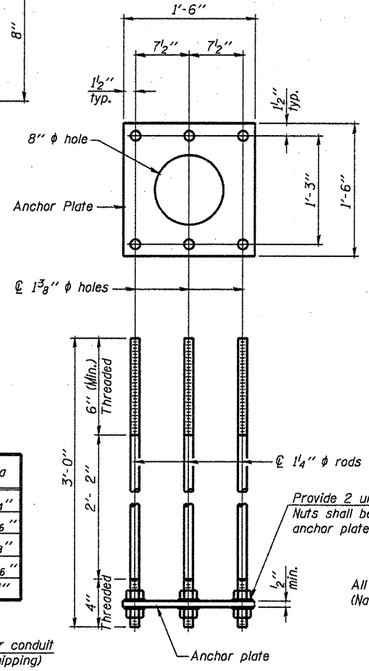
*R = D/2 + 1/32 at 90°

D = Outside Diameter of Chord.
For W, see Base Sheet OS-A-6.

SADDLE SHIM DETAIL

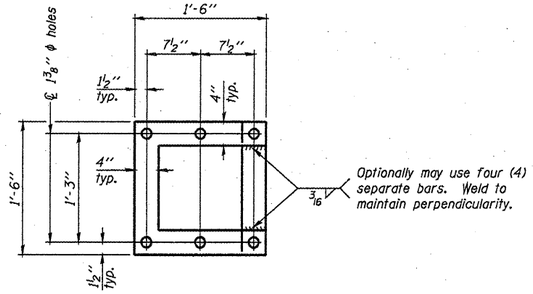
ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"

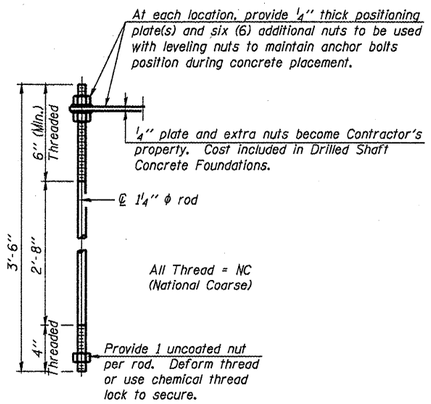


ANCHOR ROD DETAIL

Spread Footing Foundation



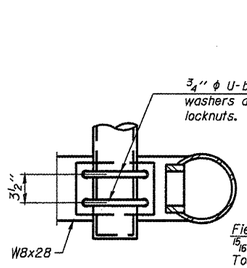
POSITIONING PLATE(S)



ANCHOR ROD DETAIL

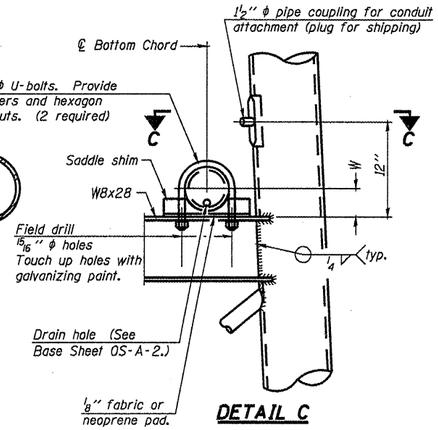
Drilled Shaft Foundation

Anchor rods shall conform to AASHTO M314 Grade 36 or 50 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.



SECTION C-C

(Handhole cover not shown)



DETAIL C

10" ϕ PIPE SUPPORT FRAME DETAILS

LOCATION 3 THROUGH 8
THIS SHEET FOR INFORMATION ONLY

OS-A-6A 7-1-10

FILE NAME = c:\pw_work\pwidot\woodshankrl\d0239610\6159-Details.dgn	USER NAME = woodshankrl	DESIGNED - RON WOODSHANK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES SUPPORT FRAME DETAILS – ALUMINUM TRUSS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - RON WOODSHANK	REVISED -				VAR	D-3 OVD SIN STR REPL 11-34	VAR	16	15
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - ---	REVISED -					CONTRACT NO. 46159		
	PLOT DATE = Nov 05, 2010 - 09:10:08 AM	DATE -	REVISED -		SCALE: --- SHEET NO. 4 OF 5 SHEETS STA. --- TO STA.		ILLINOIS			