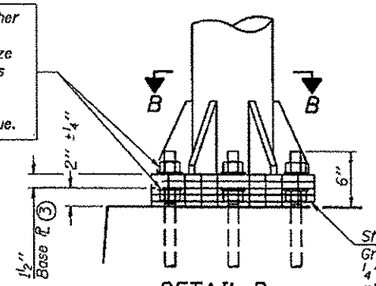
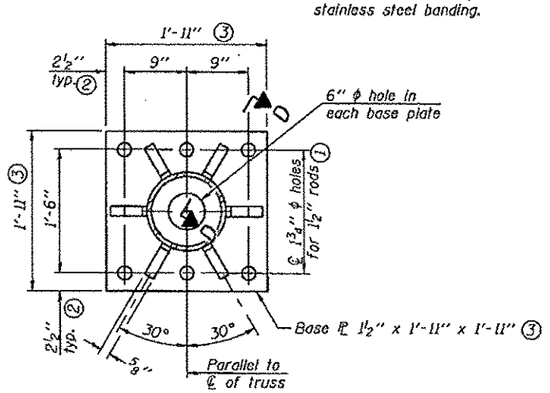
Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.



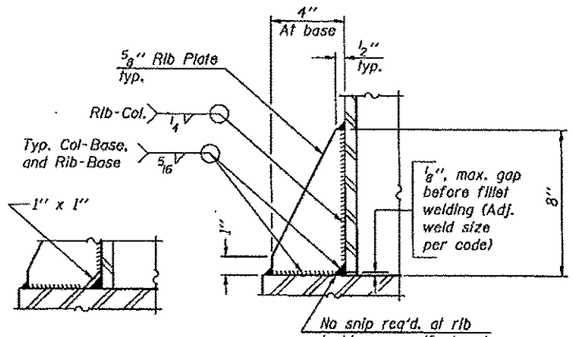
DETAIL B

Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, ¼" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with ¾" stainless steel banding.

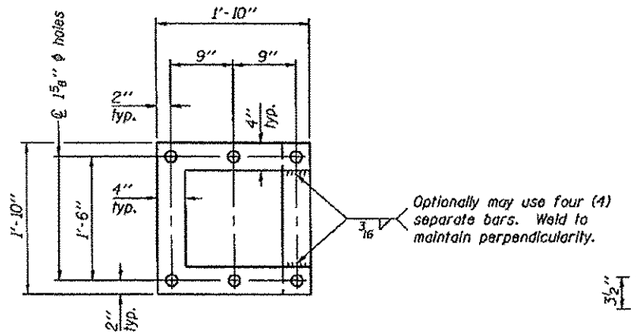


SECTION B-B

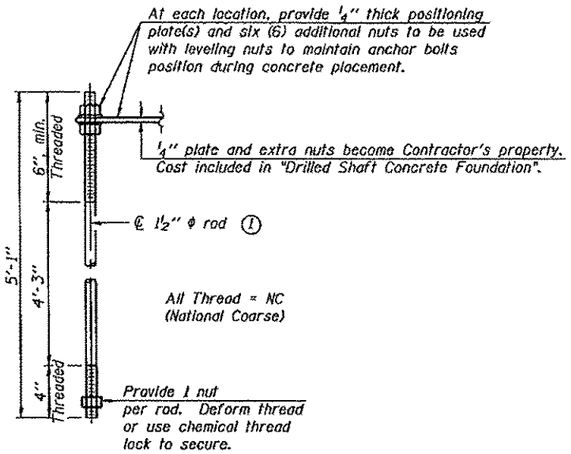


** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib ¼" from snip.

SECTION D-D

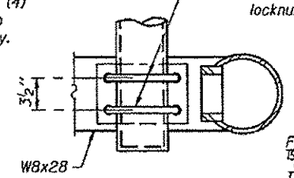


POSITIONING PLATE(S)



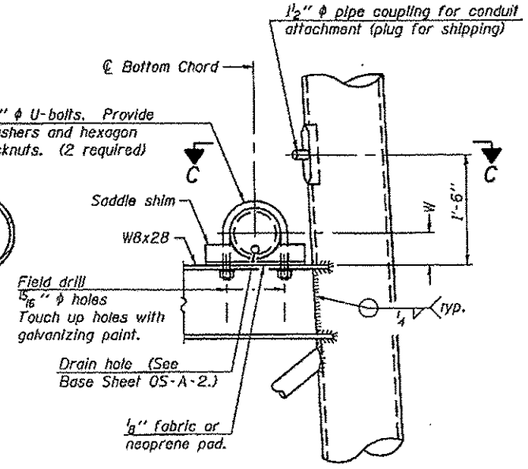
ANCHOR ROD DETAIL

Anchor rods shall conform to ASTM F1554 Grade 105 Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

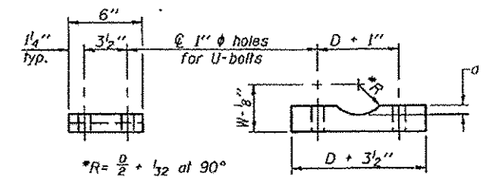


SECTION C-C

(Handhole cover not shown)



DETAIL C



*R= D/2 + 1/32 at 90°

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

Truss Chord Nominal Dia.	a
7"	1"
8½"	1¼"
9"	1⅜"

SADDLE SHIM DETAIL

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

TYPE III-A TRUSS
12" ϕ PIPE SUPPORT FRAME DETAILS

Notes:
For Type III-A Truss spans greater than 150 ft. and up to 160 ft.:

① 1¾" ϕ rod, 2" ϕ holes

② 2¾" edge distance

③ Base ℄ 1⅝" x 1'-11½" x 1'-11½"

OS4-A-8aA 6-1-12

FILE NAME =	USER NAME = pritchettll	DESIGNED -	REVISED -
o:\pw_work\pwidot\pritchettll\d0334584\sign structure2013-ehtr-pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/20/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR TYPE III-A ALUMINUM TRUSS

SCALE: | SHEET | OF | SHEETS | STA. | TO STA.

*VARIOUS ROUTES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09 OVD SIN STR REPL13-11	VARIOUS	29	15
		CONTRACT NO. 46227		
	ILLINOIS FED. AID PROJECT			