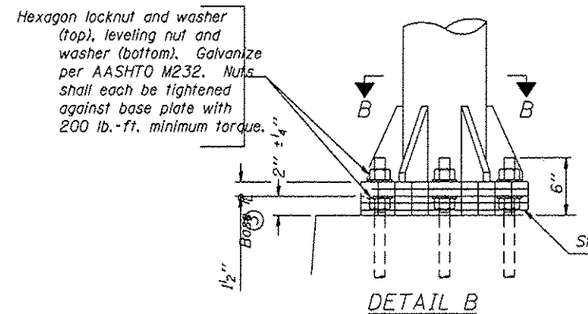
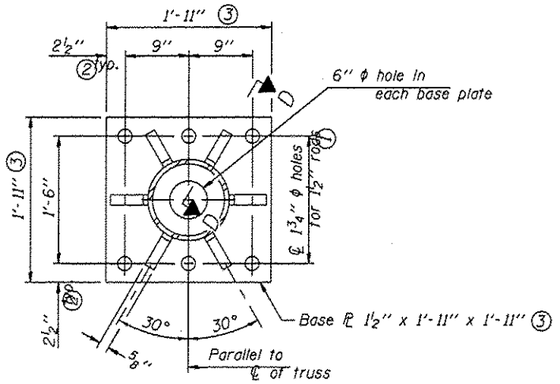
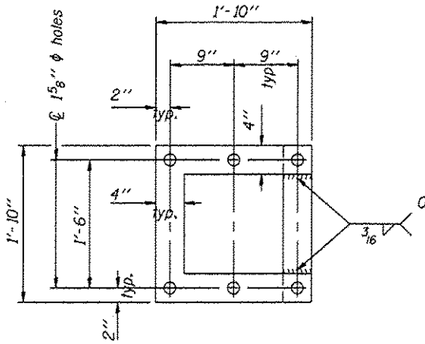


DETAIL B

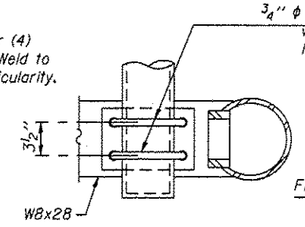
Ribs shall be cut to fit slope of pipe.



SECTION B-B

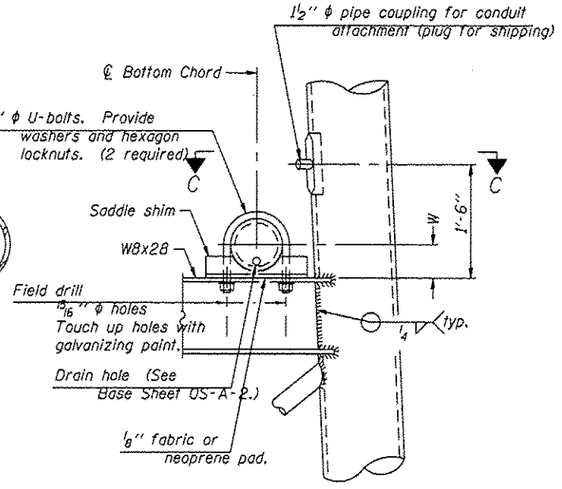


POSITIONING PLATE(S)

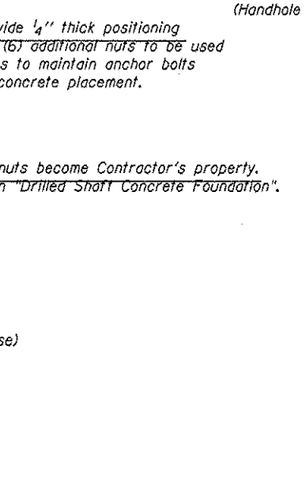


SECTION C-C

(Handhole cover not shown)

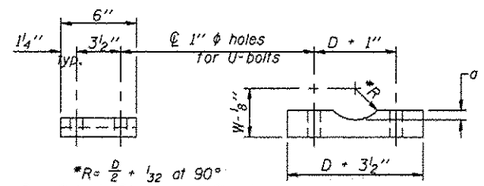


DETAIL C



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.



*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"
8 1/2"	1 1/4"
9"	1 3/8"

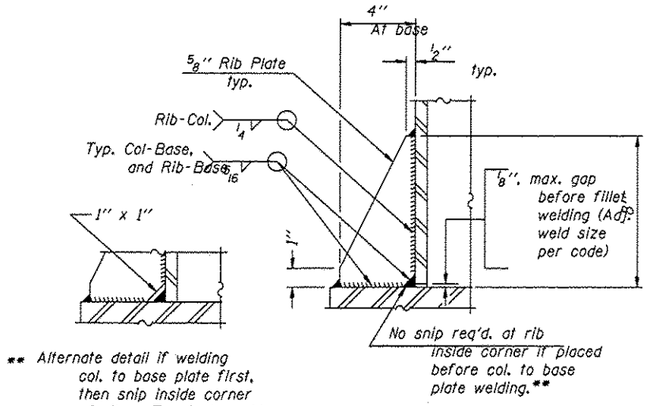
SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F

or

ASTM B209 Alloy 6061-T651

(4 required per sign truss)



** 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

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 1 3/4" ϕ rod, 2" ϕ holes

② 2 3/4" edge distance

③ Base ℄ 1 5/8" x 1'-11 1/2" x 1'-11 1/2"

OS4-A-8aA 6-1-12

FILE NAME = P:\SIGN STRUCTURES\SignRepl.dgn	USER NAME = posadosds	DESIGNED -	REVISED -
		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0002 ft / in.	CHECKED -	REVISED -
	PLOT DATE = Aug-27-2013 11:56:03AM	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. ____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	DISTRICT 6	VARIOUS	30	14
		CONTRACT NO. 46305		
		ILLINOIS FED. AID PROJECT		