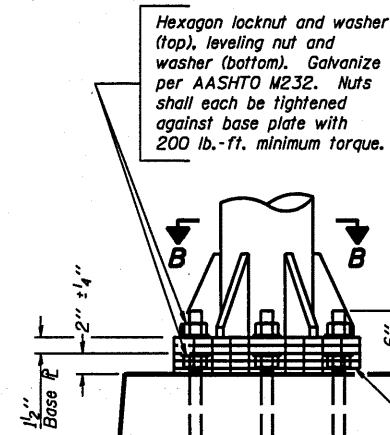
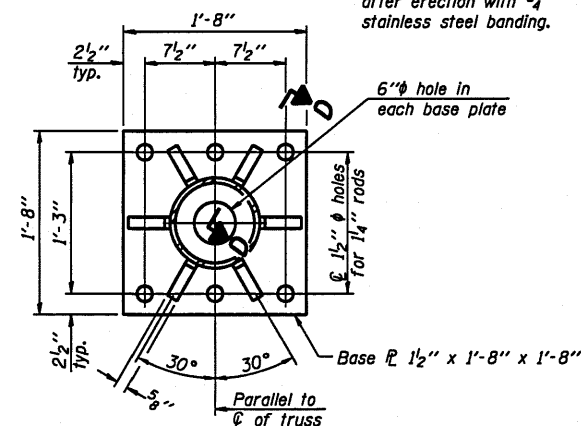




DETAIL B

Ribs shall be cut to fit slope of pipe.



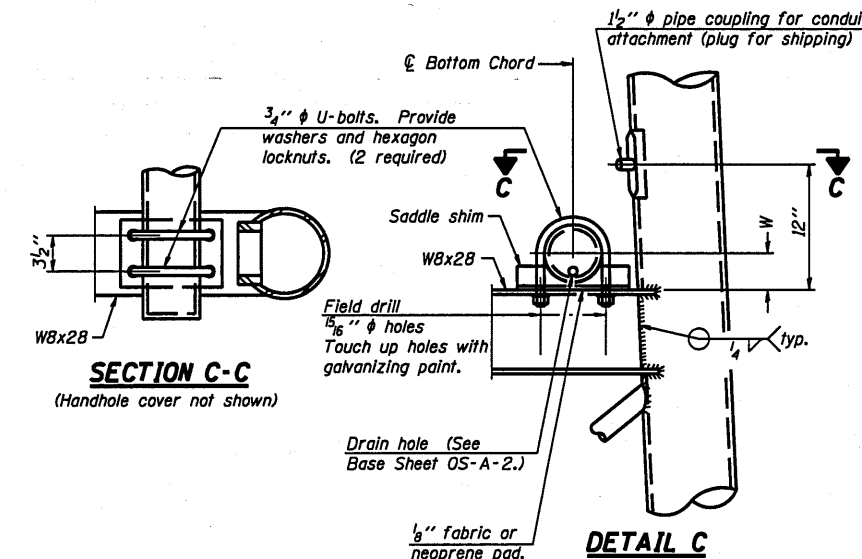
SECTION B-B

NUMBER	REVISION	DATE

OS-A-6A

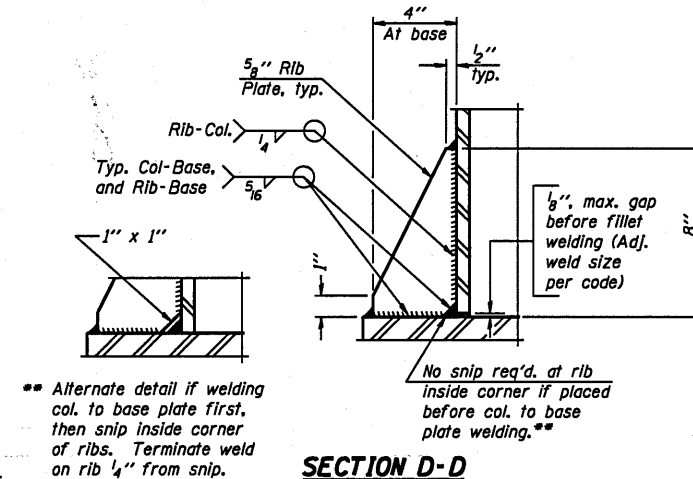
12-1-08

FILE NAME =	USER NAME = linkd	DESIGNED -	REVISED -
D:\BR\SIGN TRUSS\CADD Plans\2011 contract\2011 plans.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Tue Aug 03 06:39:36 2010		DATE -	REVISED -



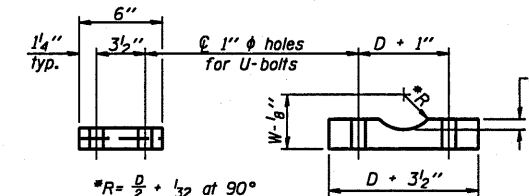
SECTION C-C

(Handhole cover not shown)



SECTION D-D

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

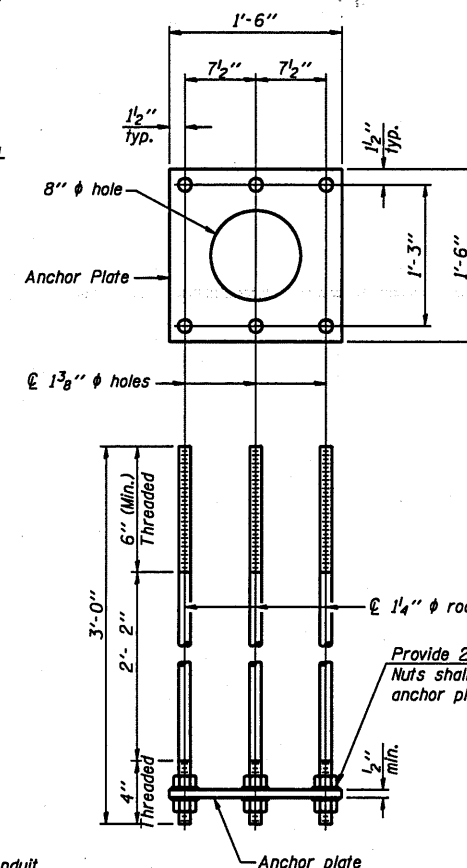


$R = \frac{D}{2} + \frac{1}{32}$ at 90°
D = Outside Diameter of Chord.
For W, see Base Sheet OS-A-6.

SADDLE SHIM DETAIL

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

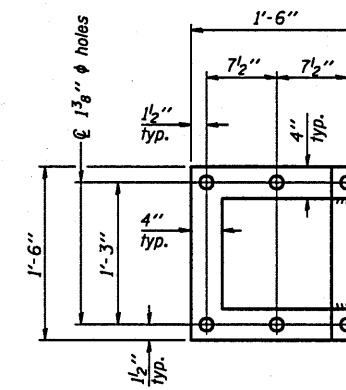
Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"



ANCHOR ROD DETAIL
Spread Footing Foundation

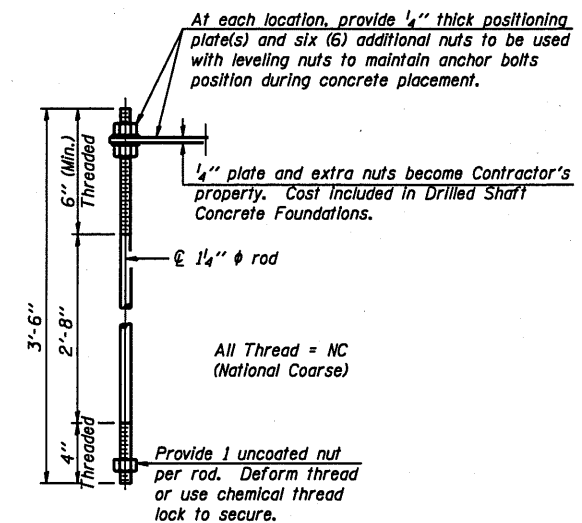
Provide 2 uncoated nuts per rod. Nuts shall be "snug tight" against anchor plate.

All Thread = NC (National Coarse)



POSITIONING PLATE(S)

Optionally may use four (4) separate bars. Weld to maintain perpendicularity.



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.

10" PIPE SUPPORT FRAME DETAILS

**OVERHEAD SIGN STRUCTURES
SUPPORT FRAME DETAILS ALUMINUM TRUSS**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 2 SIGN
STRUCTURE REPLACEMENT

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

CONTRACT NO. 46132

ILLINOIS FED. AID PROJECT