

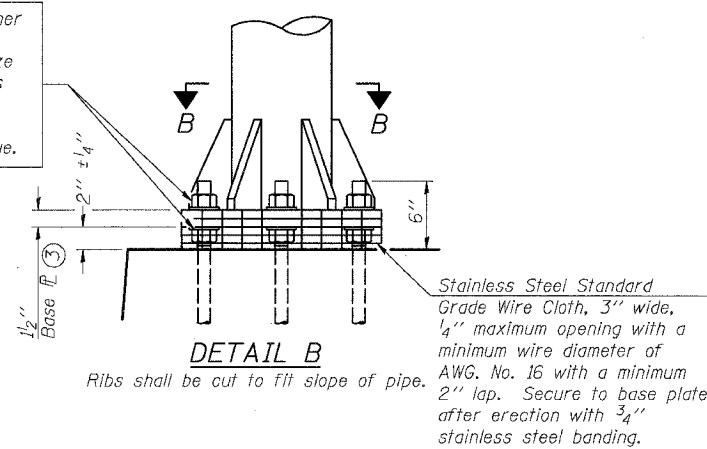
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
94/90	*	COOK	588	274
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

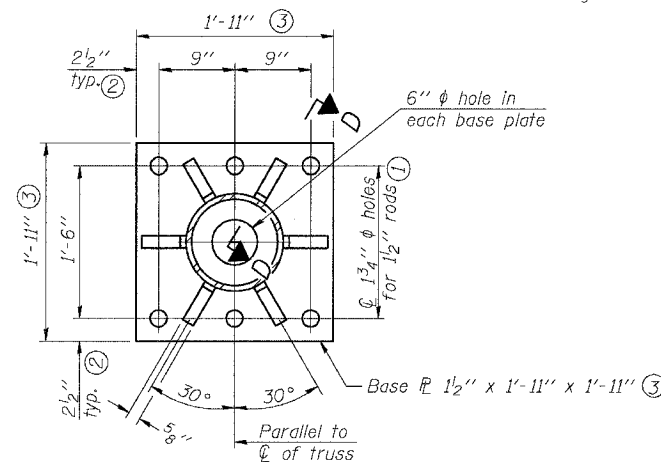
* 62303 (2021-922 PT2 ETC 2324.6-1P) R-11

11/20/2009 09:19:09 User: user304-r60zaf

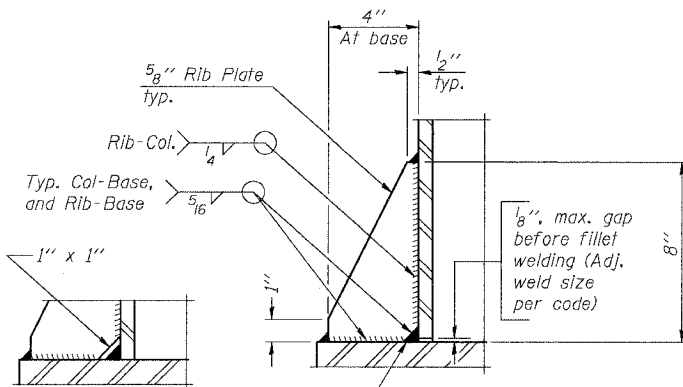
Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.



DETAIL B
Ribs shall be cut to fit slope of pipe.

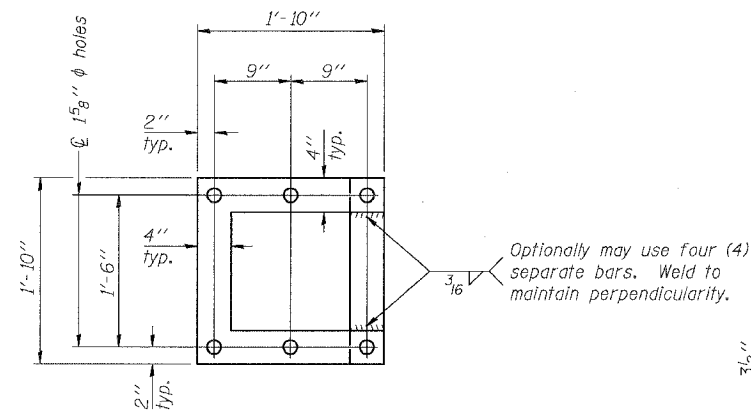


SECTION B-B

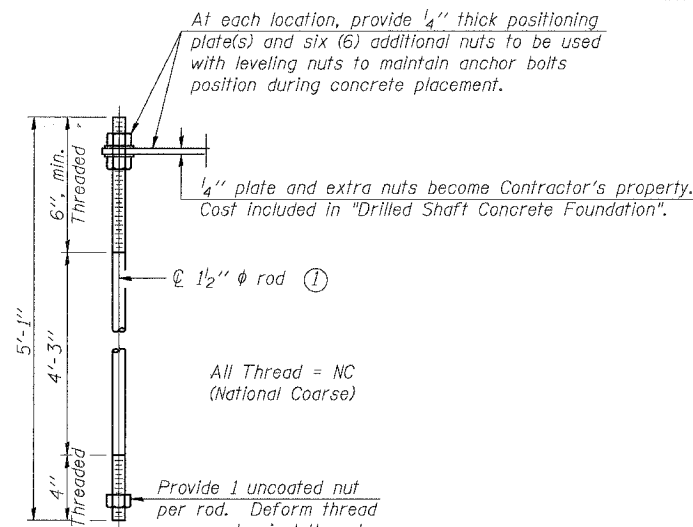


SECTION D-D

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



POSITIONING PLATE(S)



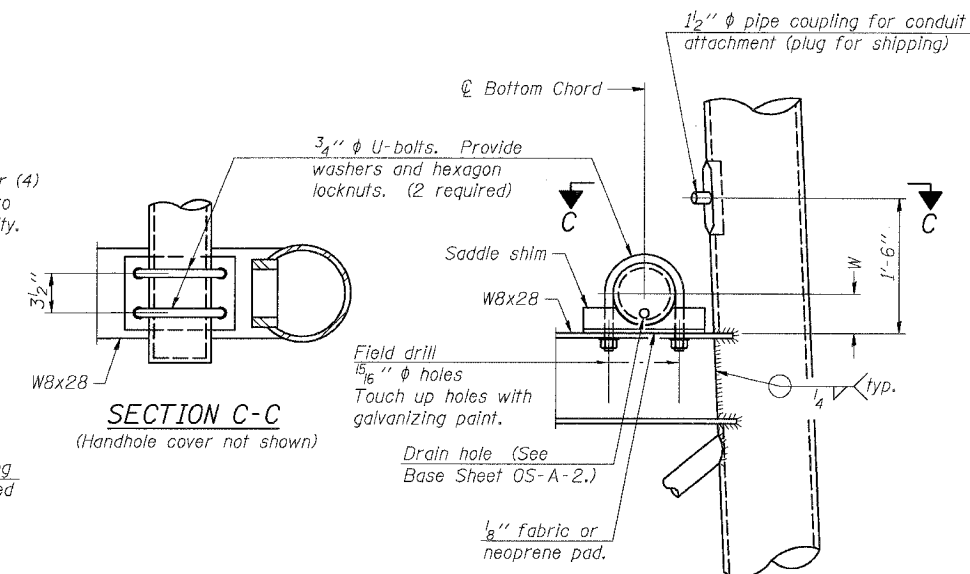
ANCHOR ROD DETAIL

Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12 inch per AASHTO M232. No welding shall be permitted on rods.

**TYPE III-A TRUSS
12 inch diameter PIPE SUPPORT FRAME DETAILS**

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

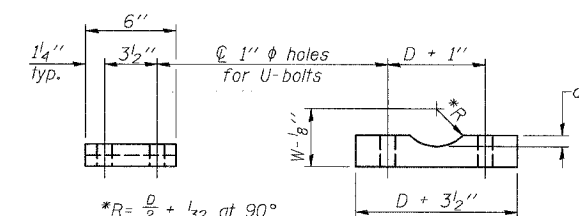
- ① 1 3/4 inch * rod, 2 inch * holes
- ② 2 3/4 inch edge distance
- ③ Base * 1 5/8 inch x 1 1 1/2 inch x 1 1 1/2 inch



SECTION C-C

(Handhole cover not shown)

DETAIL C



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

Truss Chord Nominal Dia.	a
7 inch	1 inch
8 1/2 inch	1 1/4 inch
9 inch	1 3/8 inch

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

DESIGNED	MSA
CHECKED	AS
DRAWN	RV
CHECKED	MSA

EXAMINED	20
PASSED	

NUMBER	REVISION	DATE

OS4-A-8aA

1-7-05

**OVERHEAD SIGN STRUCTURES
SUPPORT FRAME for TYPE III-A ALUMINUM TRUSS**

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31st STREET (SB LOCAL LANES)
OVERHEAD SIGN STRUCTURES
(SPAN)

SGN-24