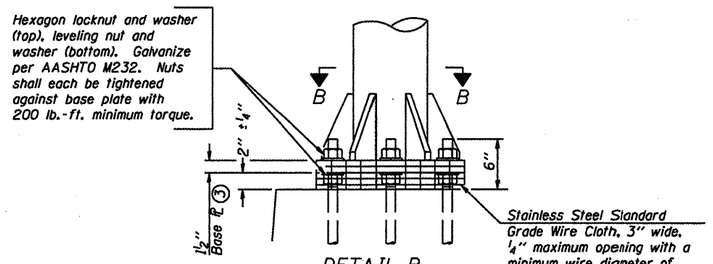
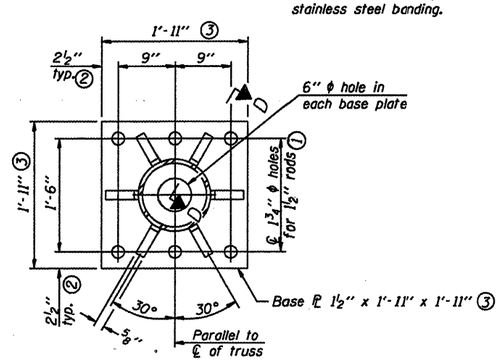
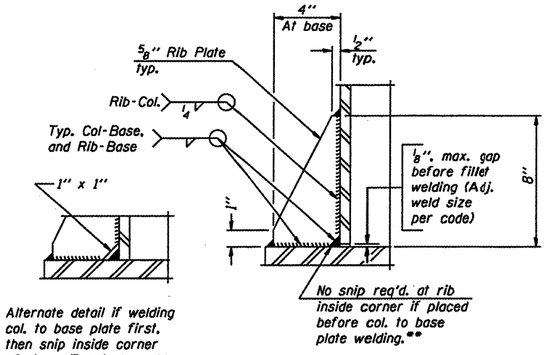


DETAIL B

Ribs shall be cut to fit slope of pipe.

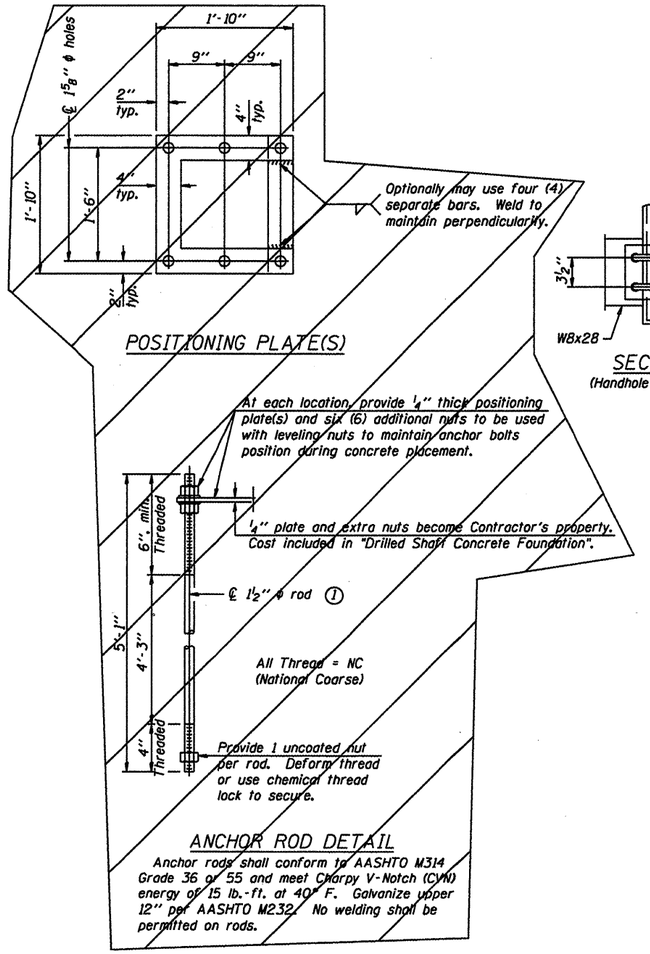


SECTION B-B



** 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

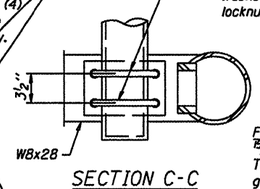


POSITIONING PLATE(S)

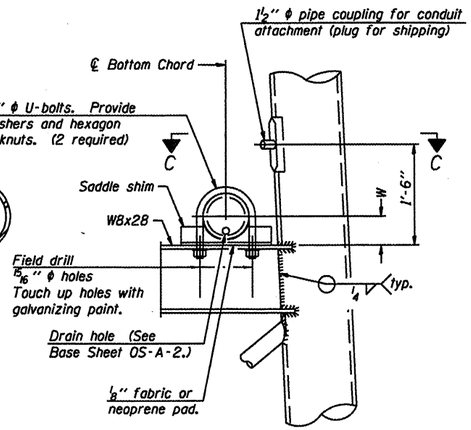
ANCHOR ROD DETAIL

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" per AASHTO M232. No welding shall be permitted on rods.

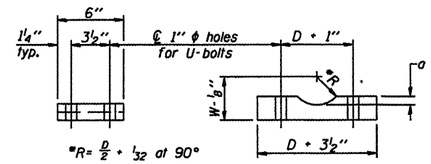
TYPE III-A TRUSS
12" ϕ PIPE SUPPORT FRAME DETAILS



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"
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)

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"

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

District 8
Sign Structure Replacement

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

- 20
EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

OS4-A-8aA 5/16/08