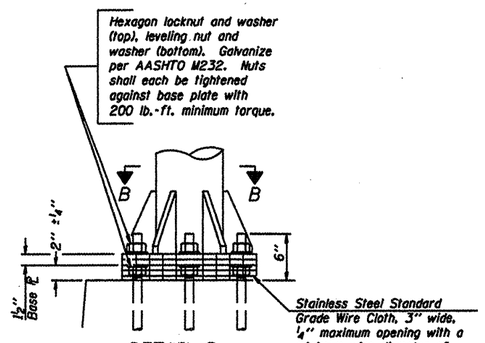
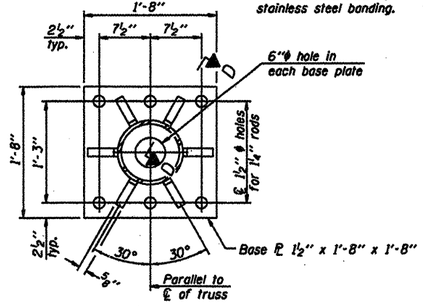
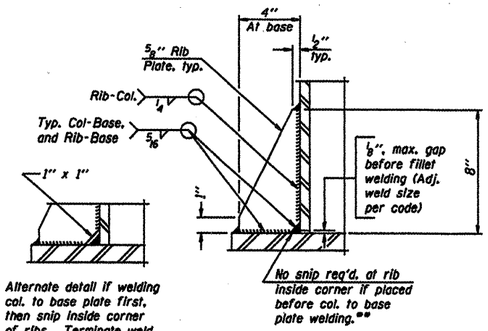



DETAIL B

Ribs shall be cut to fit slope of pipe.

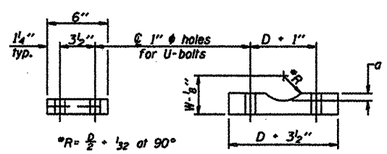



SECTION B-B




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

SECTION D-D



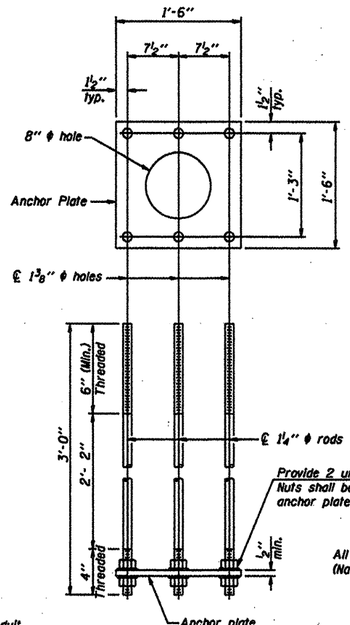

*R = D/2 + 1/32 at 90°

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)

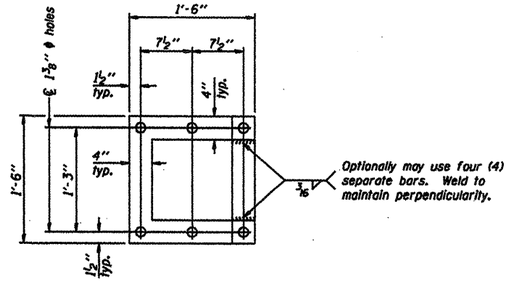
| Truss Chord Nominal Dia. | a |
|---|---|
| 5" | 3/4" |
| 5½" | 13/16" |
| 6" | 7/8" |
| 6½" | 15/16" |
| 7" | 1" |



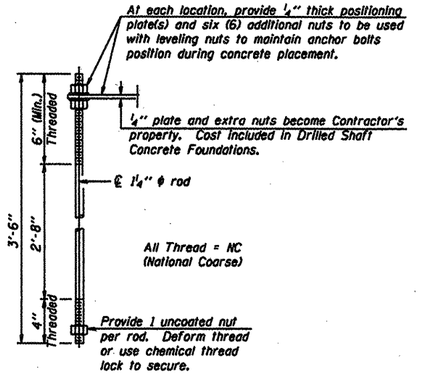

All Thread = NC (National Coarse)

ANCHOR ROD DETAIL

Spread Footing Foundation



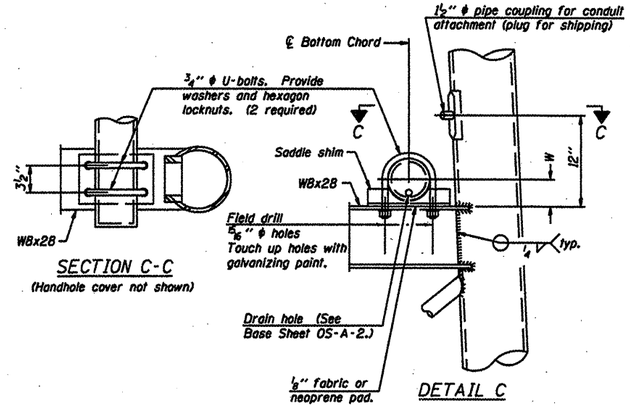

POSITIONING PLATE(S)




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.




SECTION C-C

(Handhole cover not shown)

DETAIL C

10" ϕ PIPE SUPPORT FRAME DETAILS

| NUMBER | REVISION | DATE |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME DETAILS ALUMINUM TRUSS

OS-A-6A 12-1-08

| | | | |
|---|---|---|---|
| FILE NAME = @FILEL@ | USER NAME = @USER@ | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = @SCALE@ | CHECKED - | REVISED - |
| | PLOT DATE = @DATE@ | DATE - | REVISED - |

**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. |
|---|---|---|---|---|
| * | D-2 OVD SIN STR REPL 2010-35 | ** | 31 | 9 |
| ** | Rock Island & Winnebago | CONTRACT NO. 46101 | | |
| * Various | ILLINOIS FED. AID PROJECT | | | |