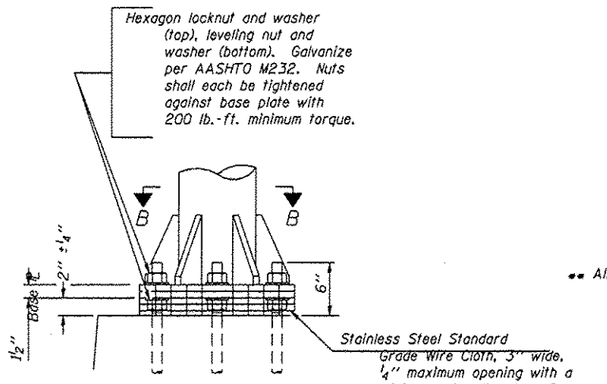
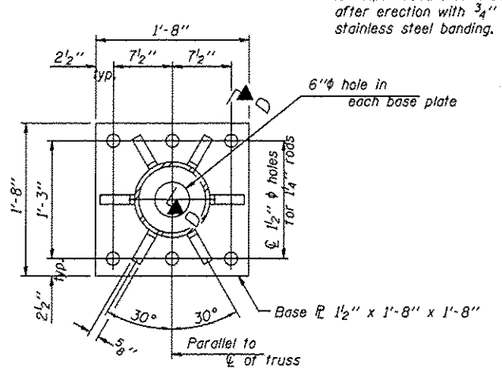
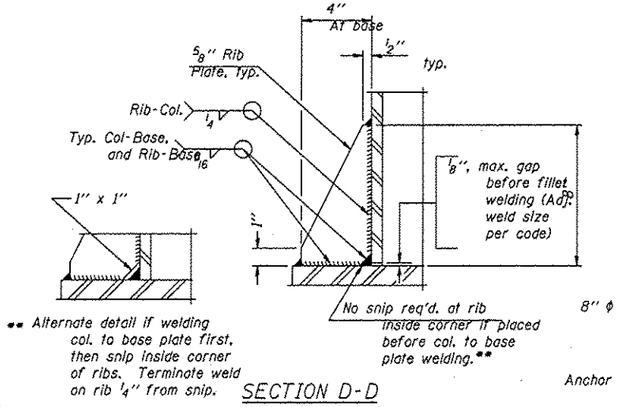



DETAIL B

Ribs shall be cut to fit slope of pipe.

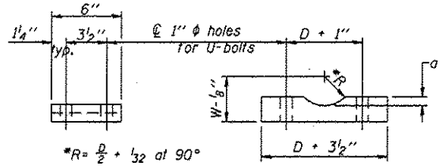



SECTION B-B




** 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



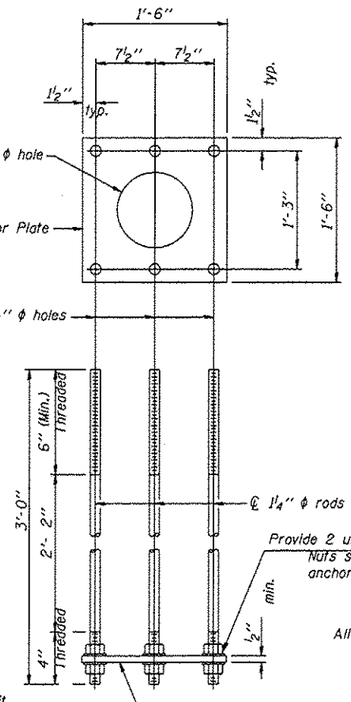

*R = D/2 + 1/32 at 90°

D = Outside Diameter of Chord. For W, see Base Sheet OS-A-6.

SADDLE SHIM DETAIL

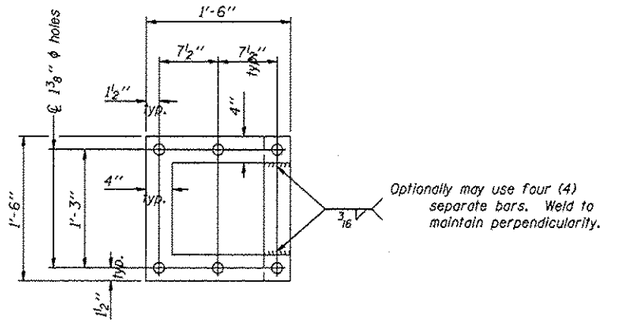
ASTM B26 Alloy 356-F or ASTM B209 Alloy 6061-T651 (4 required per sign truss)

| Truss Chord Nominal Dia. | a |
|---|---|
| 5" | ¾" |
| 5½" | 13/16" |
| 6" | ⅞" |
| 6½" | 15/16" |
| 7" | 1" |

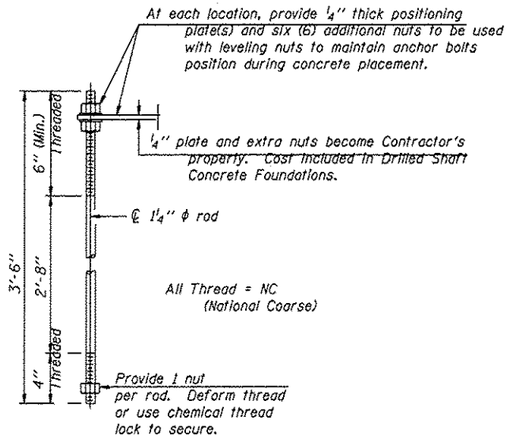



ANCHOR ROD DETAIL

Spread Footing Foundation



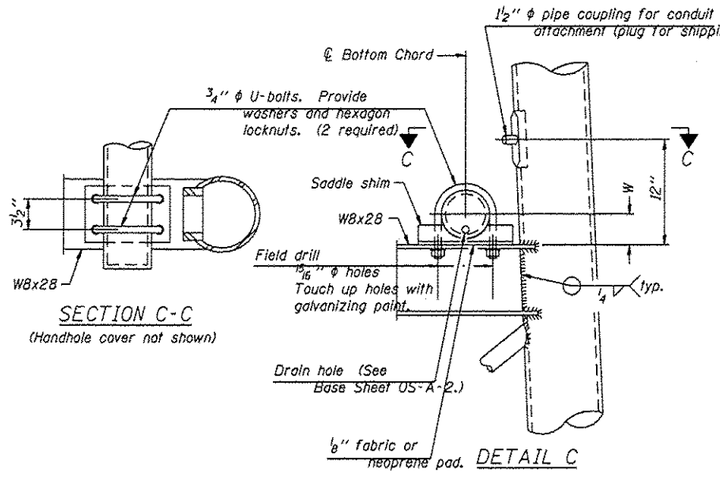

POSITIONING PLATE(S)




ANCHOR ROD DETAIL

Drilled Shaft Foundation

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize upper 12" minimum 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

OS-A-6A 6-1-12

| | | | |
|---|---|---|---|
| FILE NAME = P:\SIGN STRUCTURES\SignRepl.dgn | USER NAME = posadsds | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| Default | PLOT SCALE = 100.0000 ft / in. | CHECKED - | REVISED - |
| | PLOT DATE = Aug-27-2013 11:55:09AM | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

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

SCALE: ____ SHEET ___ OF ___ SHEETS STA. ____ TO STA. ____

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| VAR | DISTRICT 6 | VARIOUS | 30 | 11 |
| | | CONTRACT NO. 66305 | | |
| | | ILLINOIS FED. AID PROJECT | | |