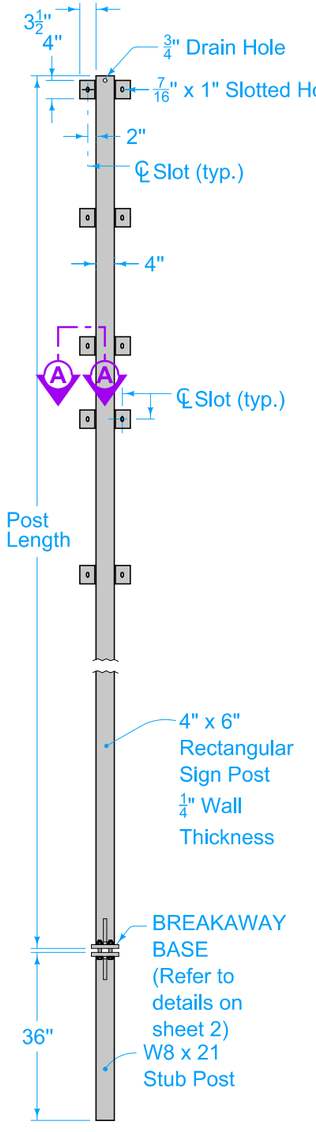
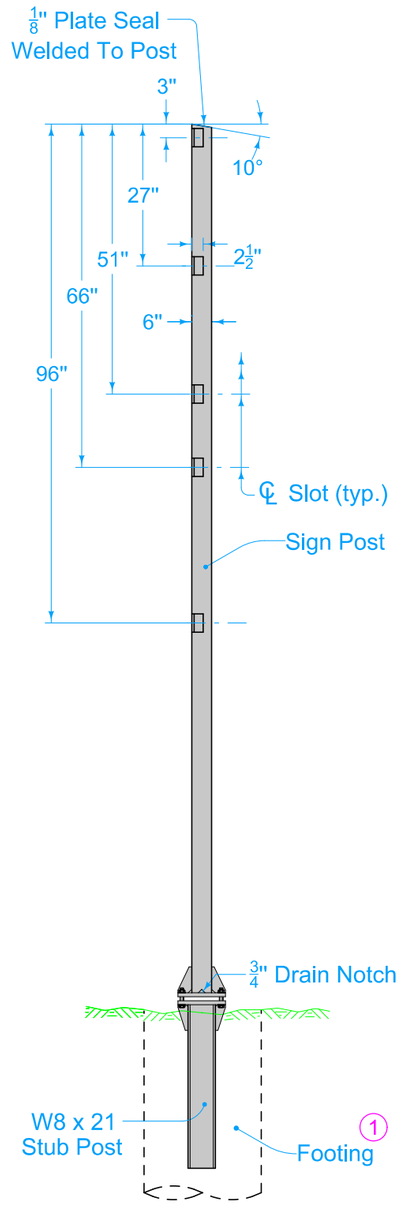
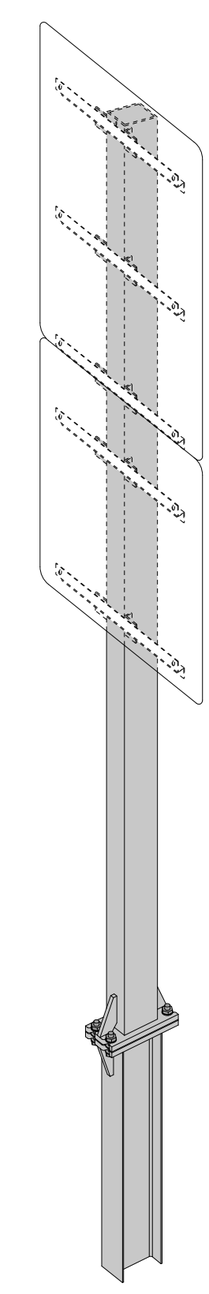


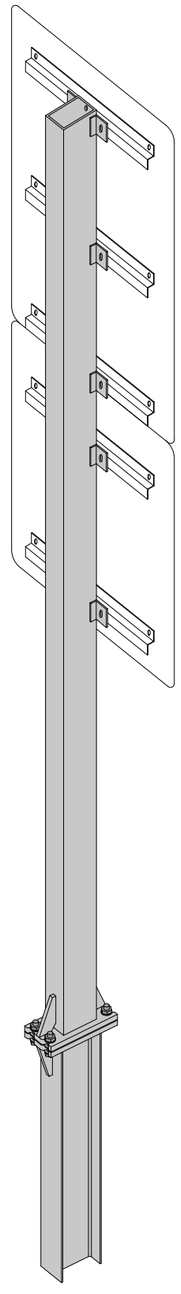

FRONT ELEVATION




SIDE ELEVATION



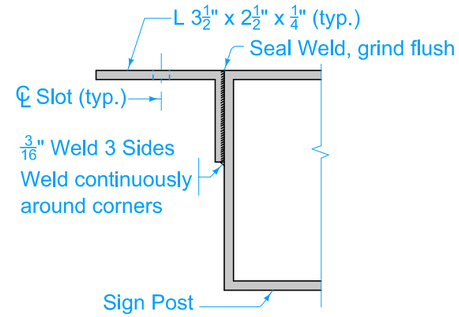
OBLIQUE FRONT VIEW



OBLIQUE BACK VIEW

Plumb signpost by installing brass stock or strip shims complying with ASTM B 36. Furnish two shims each of 0.012" and 0.032" thickness (total of 4 per post).

1 Refer to Standard Road Plan SI-112 for footing information.




SECTION A-A

Possible Contract Item:
Steel Breakaway Sign Post, Rectanguler Tube

IOWA DOT

STANDARD ROAD PLAN

| REVISION | |
|---|---|
| 3 | 04-19-16 |

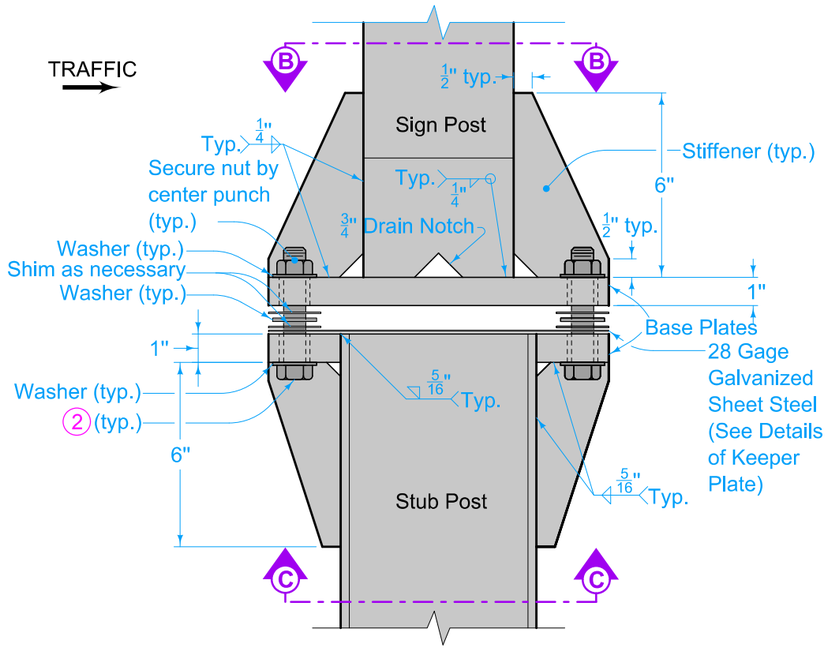
SI-114

SHEET 1 of 2

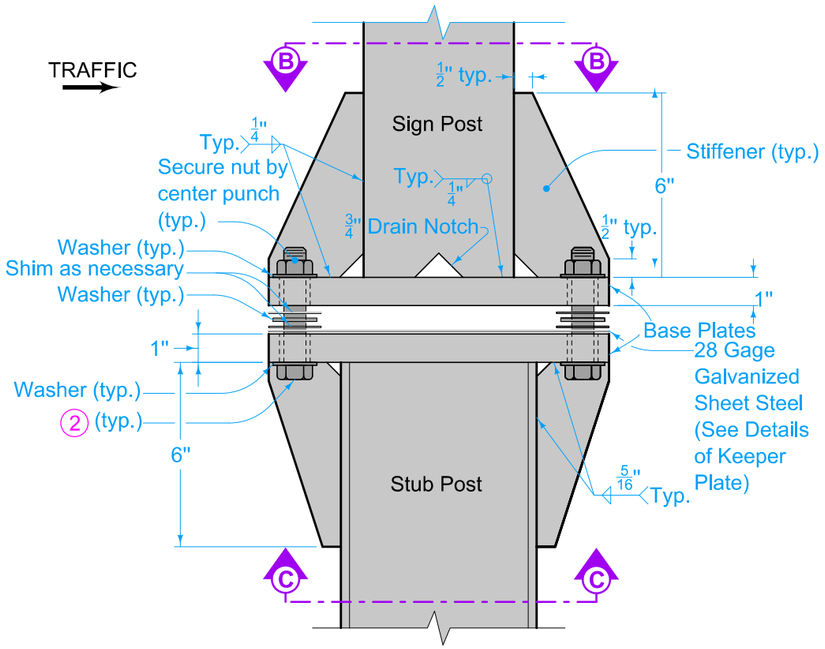
REVISIONS: Moved footing information to SI-112. Changed title and added oblique views.

APPROVED BY DESIGN METHODS ENGINEER

**FREEWAY/EXPRESSWAY SPEED LIMIT SUPPORT POSTS**




BREAKAWAY BASE
Side View
(Alternate 1)




BREAKAWAY BASE
Side View
(Alternate 2)

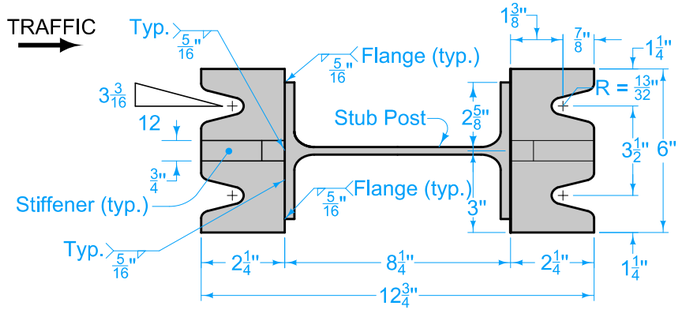
The following Base Plate alternates are considered equivalent:

ALTERNATE 1 - Weld base plates (2 each) to sides of stub post flanges.

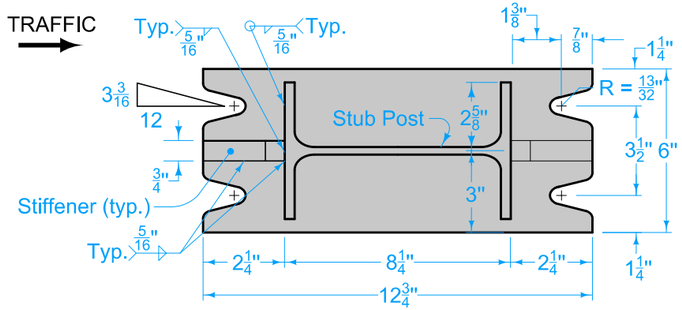
ALTERNATE 2 - Weld base plate (1 each) to end of stub post. During assembly, properly match and align the bolt holes and notches in the stub post plate and the sign post plate as indicated hereon.

Grind smooth all welds and galvanizing between Base Plates.

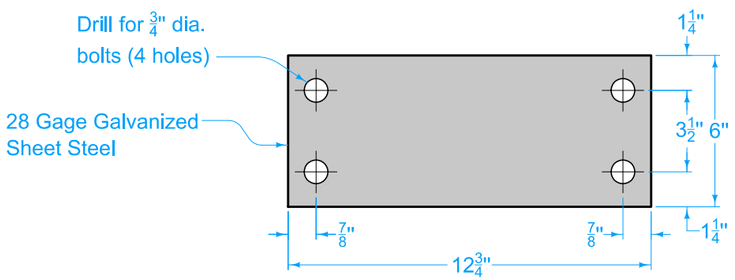
(2) $\frac{3}{4}$" dia. x $3\frac{1}{2}$"
Torque = 62.50 ft. lbs.



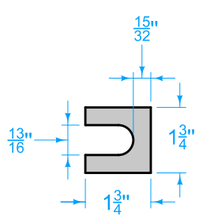

**SECTION C-C**
**PLAN - BASE**
**(ALTERNATE 1)**



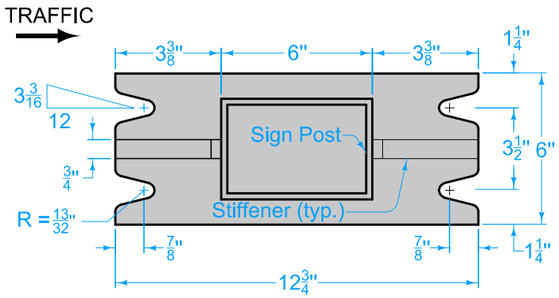

**SECTION C-C**
**PLAN - BASE**
**(ALTERNATE 2)**




KEEPER PLATE




SHIM




**SECTION B-B**
**PLAN - BASE**

IOWA DOT

**STANDARD ROAD PLAN**

| REVISION | |
|---|---|
| 3 | 04-19-16 |

**SI-114**

SHEET 2 of 2

REVISIONS: Moved footing information to SI-112. Changed title and added oblique views.

APPROVED BY DESIGN METHODS ENGINEER

**FREEWAY/EXPRESSWAY**
**SPEED LIMIT**
**SUPPORT POSTS**