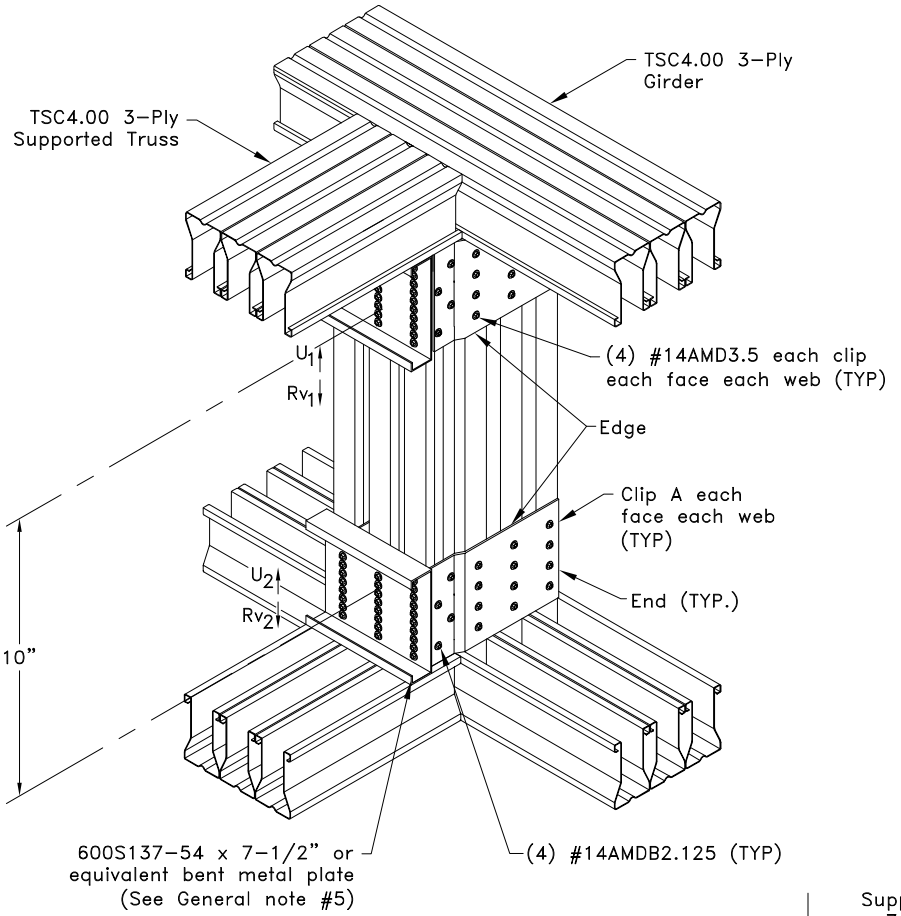
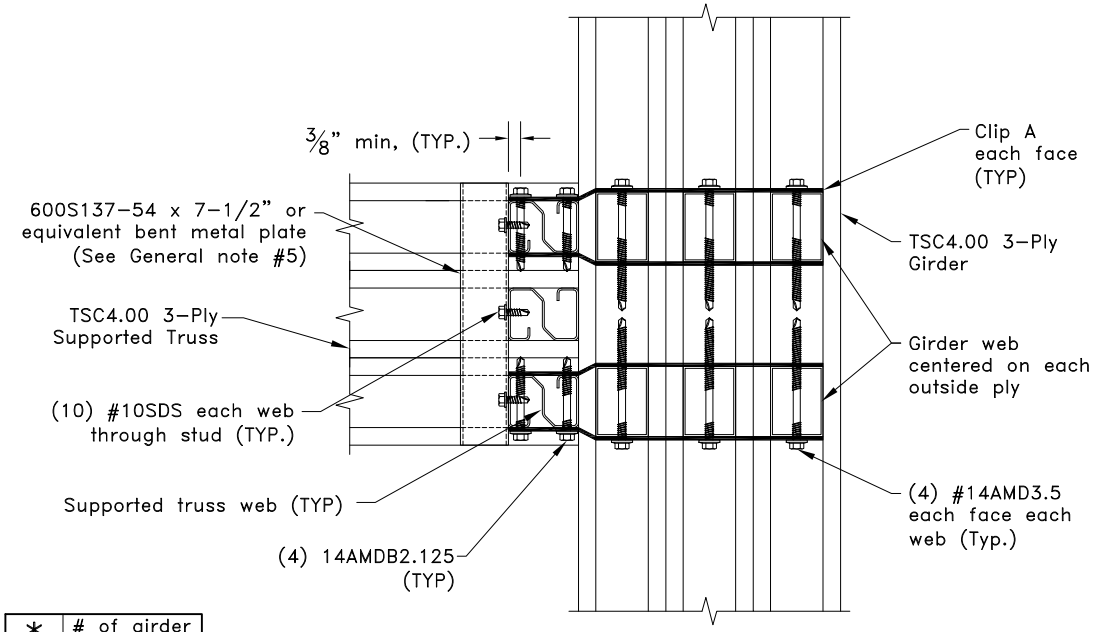
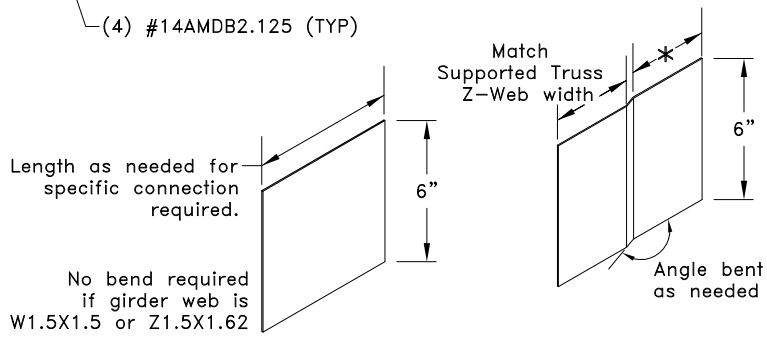




Section View

*	# of girder truss plies
2"	1
4.5"	2
7"	3

$$Rv = Rv_1 + Rv_2$$
$$U = U_1 + U_2$$
$$Rv = U = 9000 \text{ lbs}$$



Clip A

16g ASTM A653 SS Grade 33 G60
Minimum bare metal thickness: t = 0.0538"

General Notes:

1. SDS = Self-Drilling Tapping screw
2. For #10SDS, edge distances, end distances, & spacing are 9/16" minimum.
3. For 14AMDB2.125, end distance is 3/8", edge distance and spacing is 3/4".
4. Supported truss must be analyzed with clip type bearings.
5. In lieu of C-stud, equivalent bent metal plate to have a member depth of 6" and a flange width of 1-3/8" (stiffening lip is not required for bent metal plate) and to be of 16ga. ASTM A653 SS Grade 33, G60 steel with a bare metal thickness of 0.0538". Refer to SSMA "Product Technical Information" Catalog (7/01) for identification of member depth, flange width, and stiffening lip.
6. Cold formed steel calculations are per the 2004 addendum to the "AISI 2001 North American Specification for the Design of Cold-Formed Steel Structural Members."

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3-Ply Supported Truss to 3-Ply Girder Connection

Custom Detail: TS-CD-TT-917-006
Date: 11/13/09
Custom Detail Category: Truss-to-Truss Connection