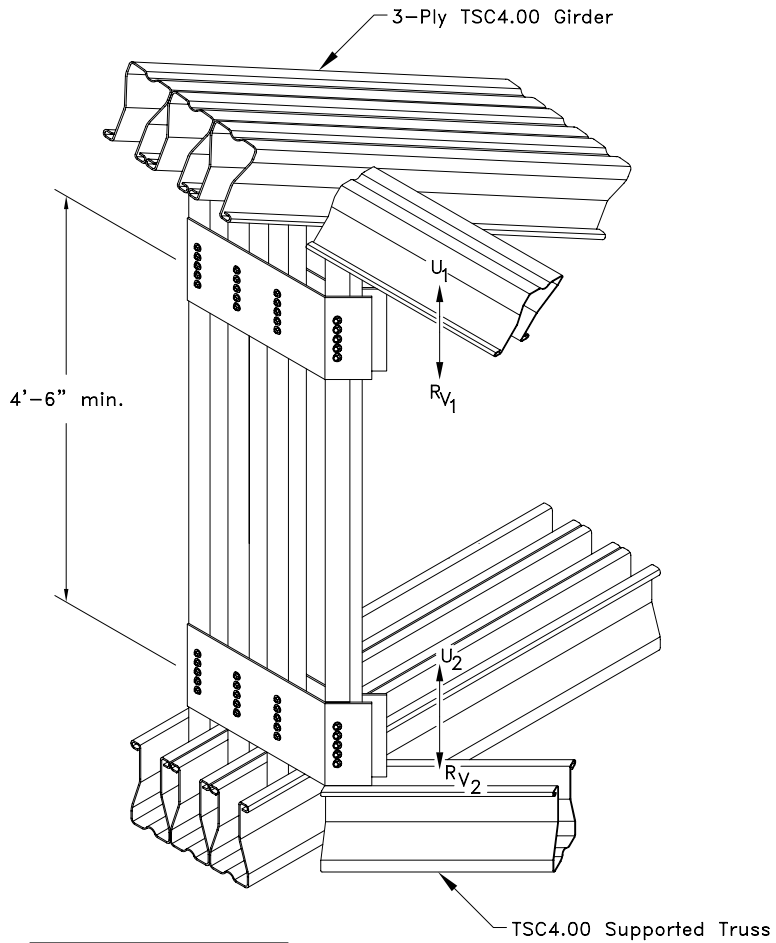
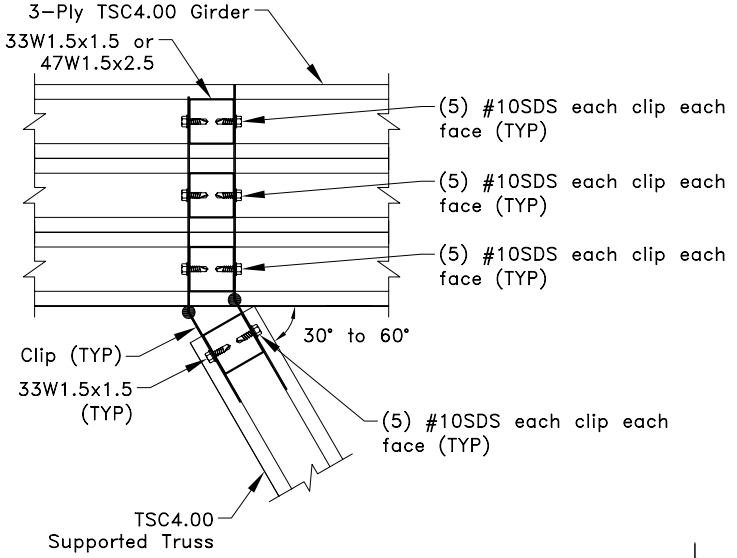


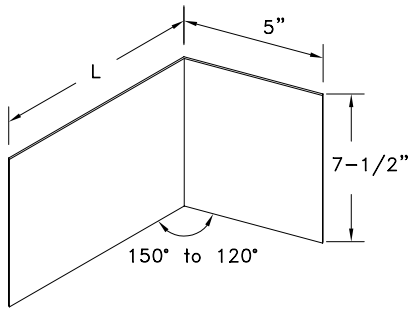
$$R_V = R_{V_1} + R_{V_2}$$
$$U = U_1 + U_2$$

$$R_V = U = 3140 \text{ lbs}$$



Top View of Connection

L = 8" for a 3-Ply Girder
L = 6" for a 2-Ply Girder
L = 4" for a 1-Ply Girder



General Clip Information

14g ASTM A653 SS Grade 33 Class 1 G60
Bare metal thickness = 0.0677" (1.72mm)

General Notes:

1. SDS = Self-Drilling Tapping Screw
2. All edge distances, end distances and spacing are 9/16" (14mm) minimum.
3. 3-Ply girder shown. Girder may be 1 or 2 plies as needed. Each girder ply must have (5) #10SDS fasteners attaching the clip to the girder web..
4. Top and bottom chords of all trusses shall be properly connected to structural sheathing or purlins.
5. Two clips must be used for one clip pair. Two clip pairs are required for connection as shown. Supported truss must be analyzed with clip type bearings.
6. ● = Clip Bend; Bend clip only once.
7. Cold-Formed Steel Calculations are per the 2004 addendum to the 2001 AISI North American Specification for cold-formed steel structural members.

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Truss to Truss Connection for 1-Ply Supported Truss to 3-Ply Girder

Custom Detail:
TS-CD-TT-MA07-001
Date:
02/18/09

Custom Detail Category:
Truss-to-Truss Connection