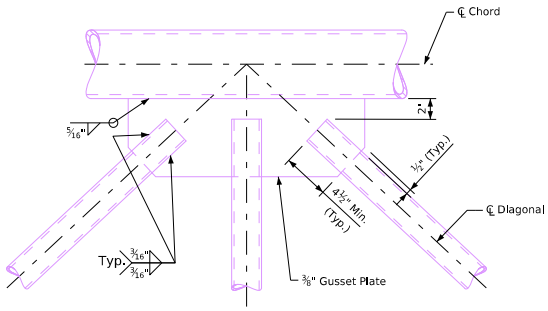
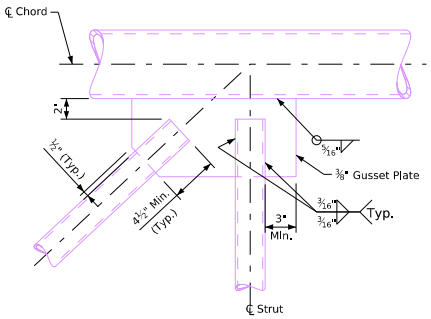
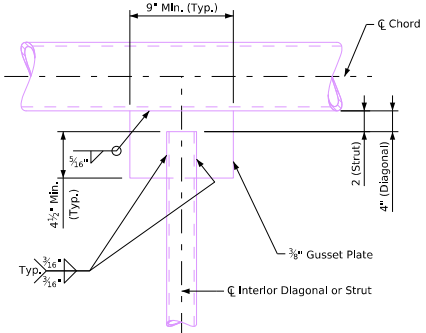


Detail A

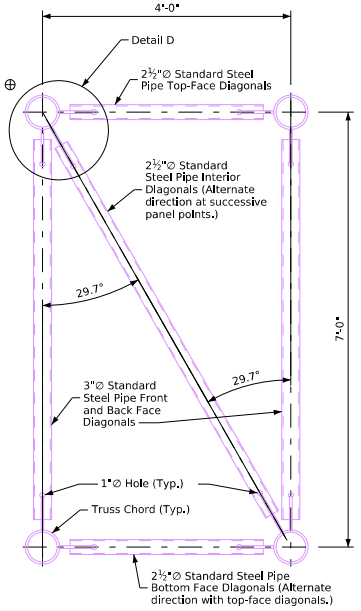


Detail B

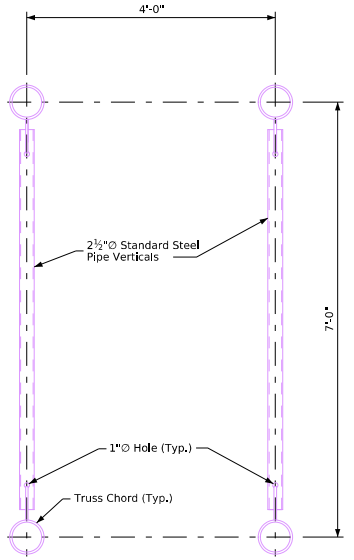


Detail C

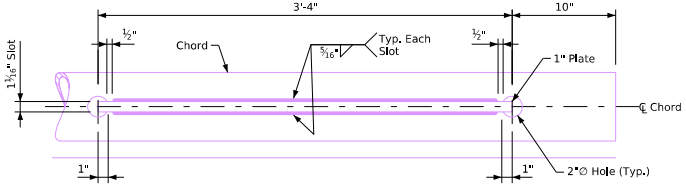
Detail A, Detail B, and Detail C show connections at top chords. Connections at bottom chords are similar.



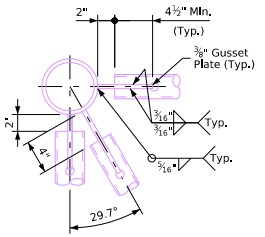
Section F-F



Section G-G

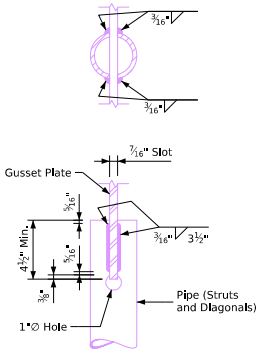


Slotted Chord Detail
Typical at Chord-to-1"- Plate Connections

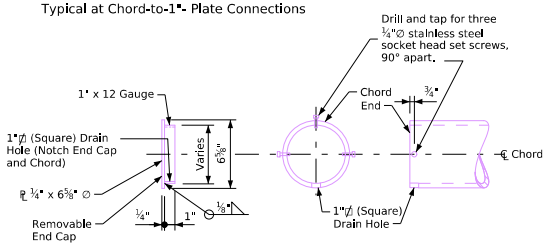


Detail D

⊕ Indicates the connection of interior diagonals in vertical plane to the top chord members. See Section F-F.



Slotted Pipe Ends
Typical for Struts and Diagonals



End Cap Detail
Typical for Ends of Chords

See Standard Sheet SCST-02-17 for Locations of Details A, B and C and Sections F-F and G-G.

11-2025 Latest Revision Date	Approved by Bridge Engineer	IOWA DOT Standard Design **Steel Cantilever Sign Truss** July, 2017	
		Gusset Plate Connection Details	**SCST-05-17**

- Revised 03-2018: Updated bridge Engineer signature.
- Revised 03-2019: Modified formatting of callouts to improve clarity.
- Revised 04-2020: Lengthened dimensional extension line in Details A and B to clarify 2" distance between end of web members and chords. Added ¾" dimension to clarify location of set screws in end cap detail. Lengthened dimensional extension line in slotted-pipe-ends detail to clarify that dimensional extension line is tangent to circular hole.
- Revised 11-2025: This sheet reissued, sheet format update.
- Steelcantileversignstruss.dgn - SCST-05-17 - This sheet issued 07-2017.