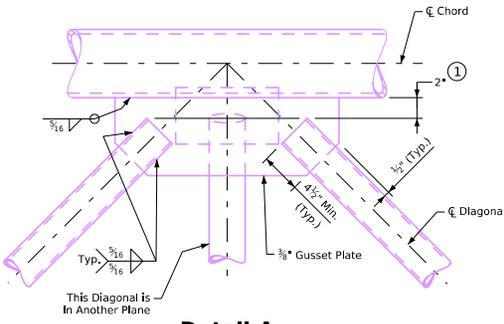
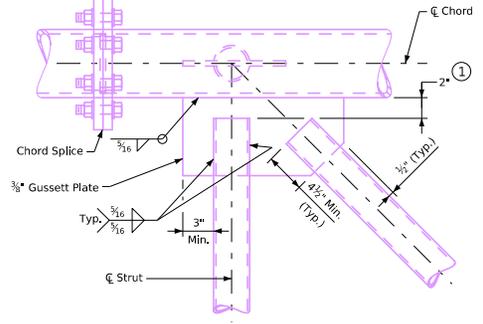


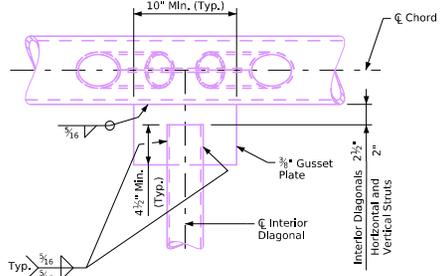
• Revised 04-2020: Replaced Detail D into identifier asterisk with specified number to improve readability. Lengthened dimensional extension line in Details A and B to clarify 2" distance between end of web members and chord.  
 • Revised 06-2025: This sheet released. Detail in slotted pipe ends detail to clarify that dimensional extension line is tangent to circular hole.  
 • steeloverheadsignstruss.dgn - SOST-08-11 - This sheet issued 09-2011.



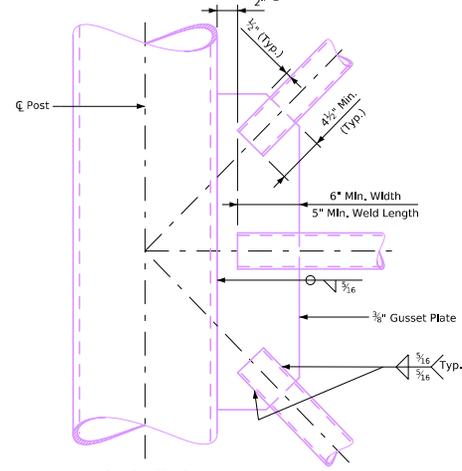
**Detail A**



**Detail B**

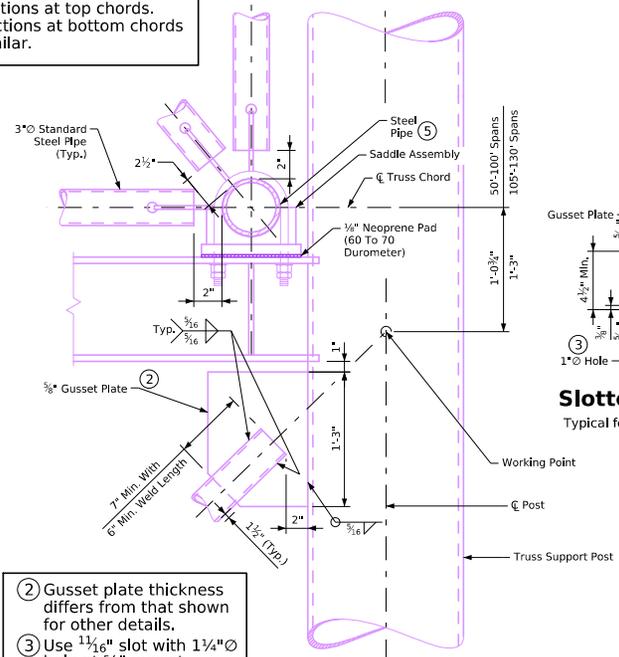


**Detail C**

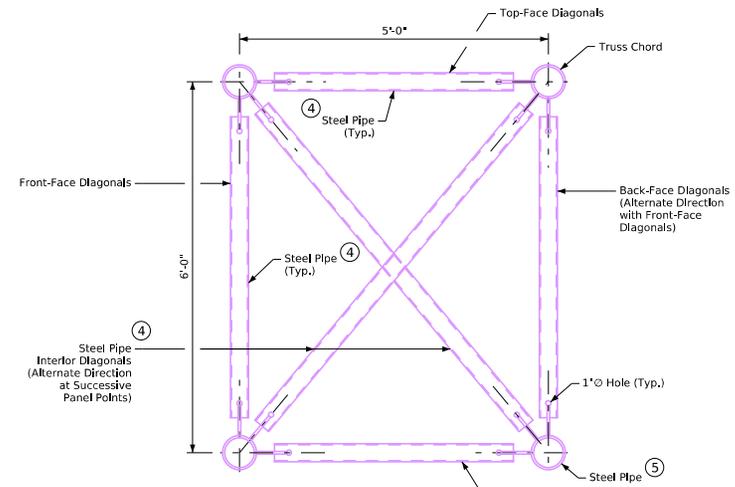


**Detail D**

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



**Detail E**



**Section A-A**

Truss Pipe Details		
Span	④ Truss Diagonals	⑤ Truss Chords
50'-100'	3" Standard Steel Pipe	5" Extra-Strong Steel Pipe
105'-130'	3" Extra-Strong Steel Pipe	6" Extra-Strong Steel Pipe

**Slotted Pipe Ends**  
Typical for struts and diagonals

See Standard Sheets SOST-02-11, SOST-03-11, SOST-04-11 and SOST-05-11 for locations of Section A-A; Details A, B and C; and detail similar to Detail A.  
See Standard Sheets SOST-06-11 and SOST-07-11 for locations of details that are similar to Details B and C and locations of Details D and E.

06-2025 Latest Revision Date	 Approved by Bridge Engineer	 Standard Design <b>Steel Overhead Sign Truss</b> September, 2011	
		Gusset Plate Connections 50'-130' Spans	<b>SOST-08-11</b>