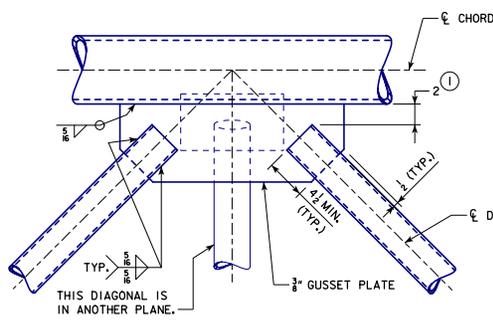
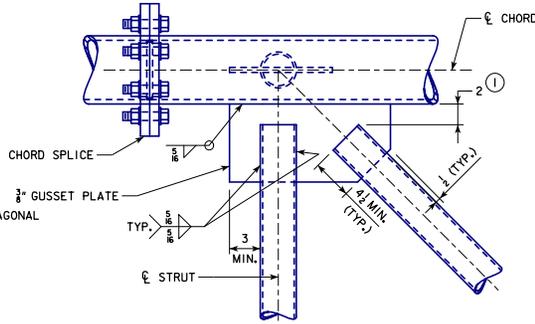


*REVISED 03-2019, MODIFIED DETAIL E NOTES TO CLARIFY THAT 1" HOLE IS AT END OF 1/4" SLOT IN PIPE FOR 3/8" GUSSET PLATE. CLARIFIED ACCEPTABLE HARDNESS OF NEOPRENE PAD. REPLACED NOTE IDENTIFIER ASTRISKS AND TRIANGLES WITH ENCIRCLED NUMBERS TO IMPROVE READABILITY. UPDATED BRIDGE ENGINEER SIGNATURE.
 *STEELOVERHEADSIGNTRUSS.DGN - SOST-08-11 - THIS SHEET ISSUED 09-2011.

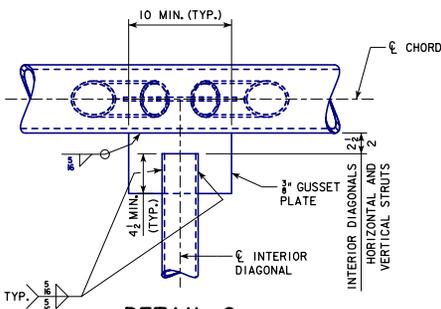


DETAIL A



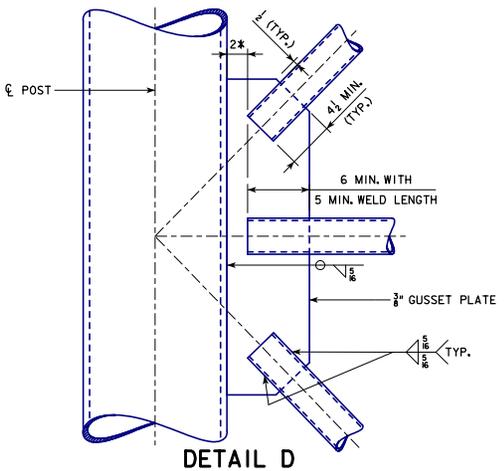
DETAIL B

① THIS DIMENSION MAY BE REDUCED BY 3/8".

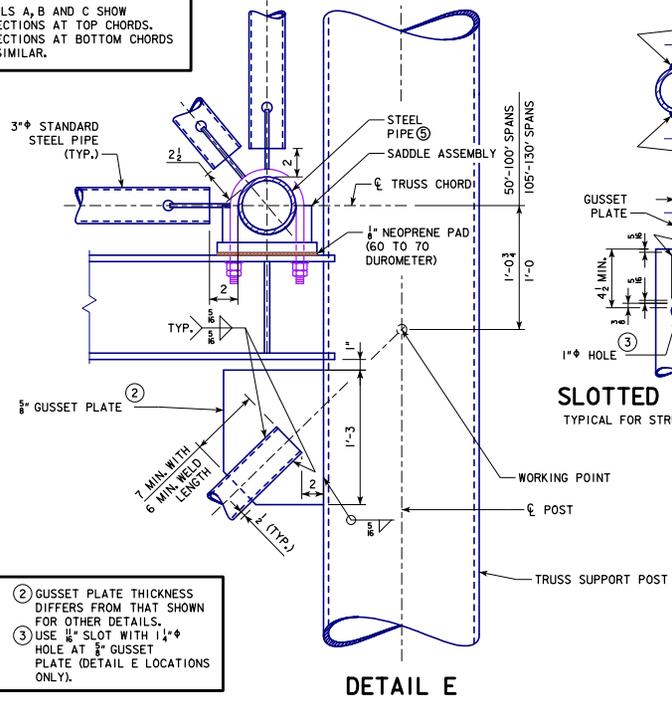


DETAIL C

DETAILS A, B AND C SHOW CONNECTIONS AT TOP CHORDS. CONNECTIONS AT BOTTOM CHORDS ARE SIMILAR.

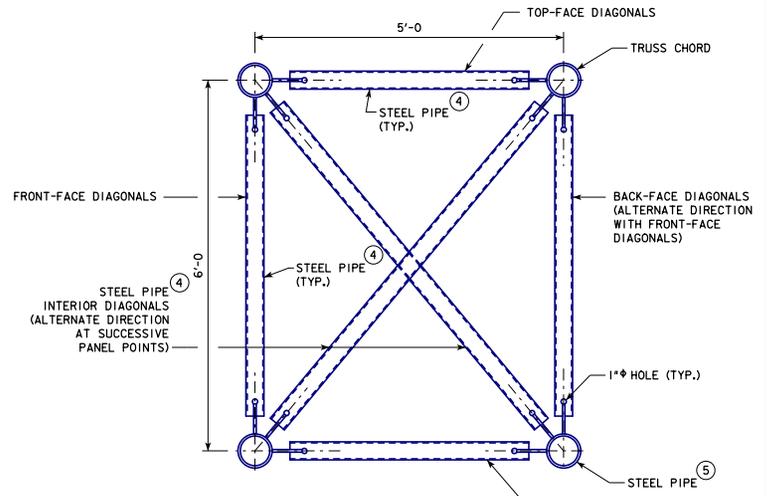


DETAIL D

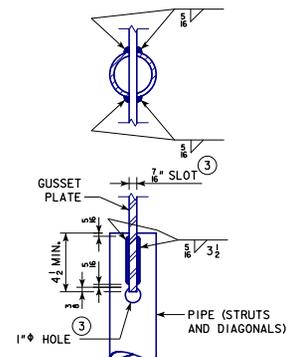


DETAIL E

② GUSSET PLATE THICKNESS DIFFERS FROM THAT SHOWN FOR OTHER DETAILS.
 ③ USE 1/4" SLOT WITH 1 1/4" HOLE AT 3/8" GUSSET PLATE (DETAIL E LOCATIONS ONLY).



SECTION A-A



SLOTTED PIPE ENDS
TYPICAL FOR STRUTS AND DIAGONALS

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

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.

03-2019 LATEST REVISION DATE APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN	
	STEEL OVERHEAD SIGN TRUSS SEPTEMBER, 2011	
	GUSSET PLATE CONNECTIONS 50'-130' SPANS	SOST-08-11