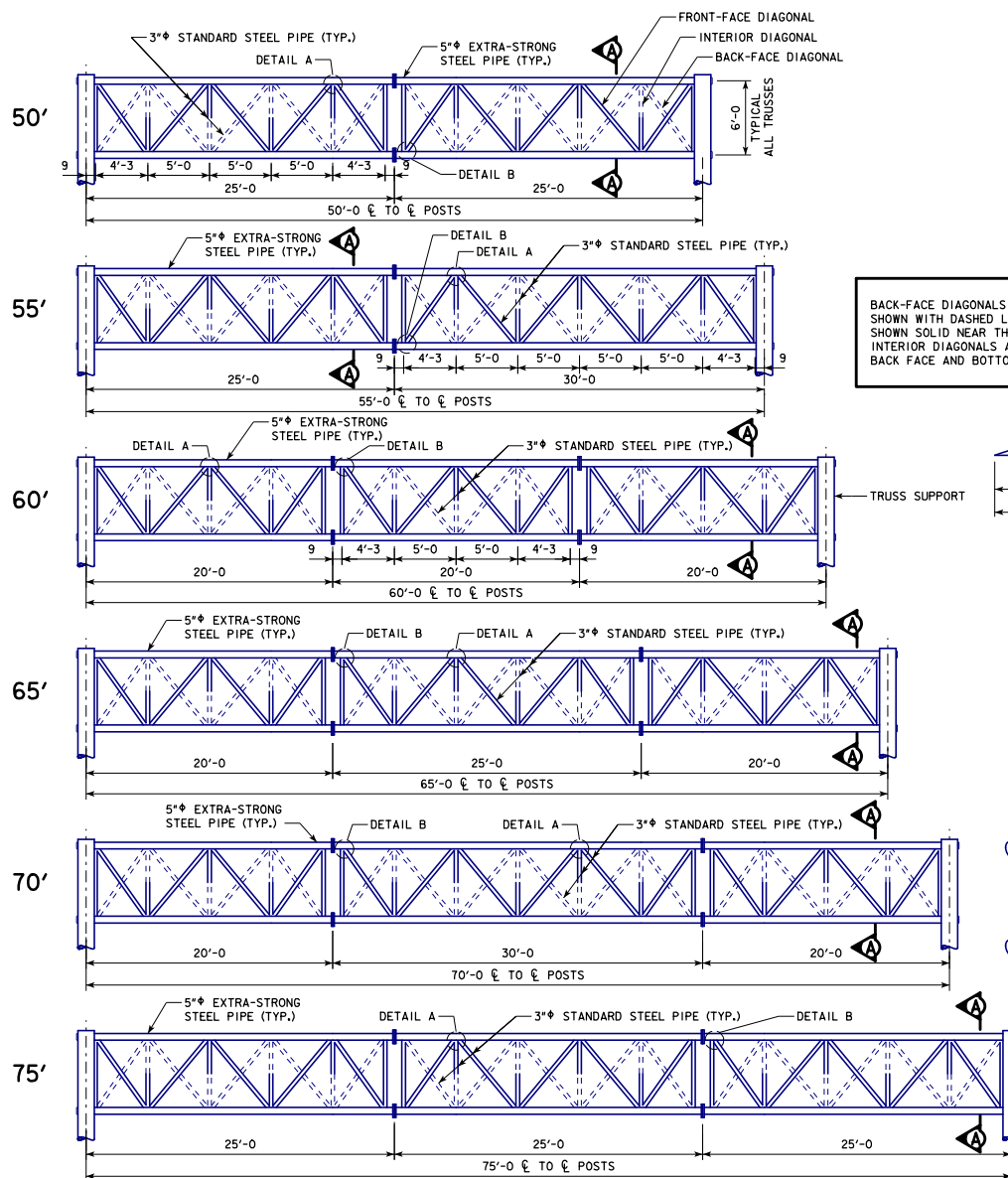
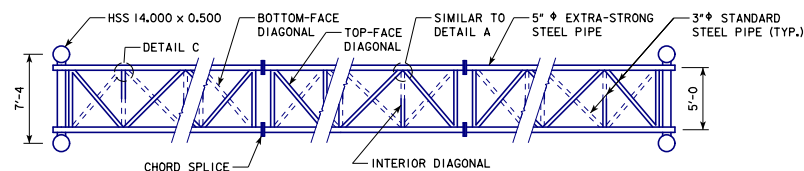


REVISION: 07-17 - MODIFIED NOTES, CHANGED CALLOUT "SIMILAR TO DETAIL A" WAS "DETAIL D" TO CONFORM TO CHANGE OF DETAIL D ON SOST-08-11. REFERENCE TO DETAIL D WAS REMOVED FROM "SEE STANDARD SHEET" NOTE.
STEELOVERHEADSIGNTRUSS.DGN - SOST-02-11 - THIS SHEET ISSUED 09-11.



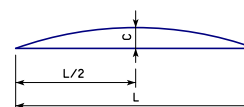
PART ELEVATION VIEWS
GUSSET PLATES NOT SHOWN



PART TOP VIEW

INTERIOR DIAGONALS HAVE SAME ORIENTATION AT CHORD SPLICE LOCATIONS

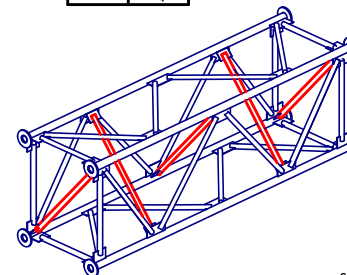
BACK-FACE DIAGONALS AND BOTTOM-FACE DIAGONALS ARE SHOWN WITH DASHED LINES. INTERIOR DIAGONALS ARE SHOWN SOLID NEAR THE FRONT FACE AND TOP FACE. INTERIOR DIAGONALS ARE SHOWN DASHED TOWARDS THE BACK FACE AND BOTTOM FACE.



CAMBER DIAGRAM

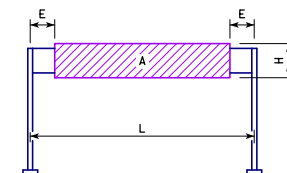
SPAN L	CAMBER C
50'	$\frac{3}{4}$
55'	$\frac{3}{4}$
60'	$\frac{7}{8}$
65'	1"
70'	1 $\frac{1}{4}$
75'	1 $\frac{1}{4}$

* SIGNS THAT ARE HORIZONTALLY OFFSET FROM CENTER OF TRUSS ARE PERMITTED IF SAME MAXIMUM SIGN HEIGHT AND MAXIMUM SIGN AREA PARAMETERS ARE USED AND END DISTANCES ARE GREATER THAN OR EQUAL TO MINIMUM END DISTANCE 'E' SHOWN IN TABLE.



**ISOMETRIC VIEW
TYPICAL TRUSS UNIT**

INTERIOR DIAGONALS SHOWN
IN RED FOR CLARITY



**SIGN AREA FOR
STEEL OVERHEAD
SIGN TRUSS**
CENTERED *

ALLOWABLE SIGN AREA

CENTERED *				
SPAN L	MAX. SIGN HEIGHT H	MIN. END DIST. E		MAX. SIGN AREA A
50'	19'-0"	5'-0"		760 S.F.
55'	19'-0"	5'-0"		855 S.F.
60'	19'-0"	5'-0"		950 S.F.
65'	19'-0"	7'-6"		950 S.F.
70'	19'-0"	10'-0"		950 S.F.
75'	19'-0"	12'-6"		950 S.F.
65'	14'-9"	5'-0"		811 S.F.
70'	14'-9"	5'-0"		885 S.F.
75'	14'-9"	5'-6"		944 S.F.

SEE STANDARD SHEET SOST-08-11 FOR SECTION A-A AND DETAILS A, B AND C.

LATEST REVISION DATE 07-17 APPROVED BY BRIDGE ENGINEER <i>Norman E. McQuinn</i>		
	STANDARD DESIGN	
	STEEL OVERHEAD SIGN TRUSS	
	SEPTEMBER, 2011	
ELEVATION VIEWS FOR TRUSS SPANS 50'-75' SPANS		SOST-02-11