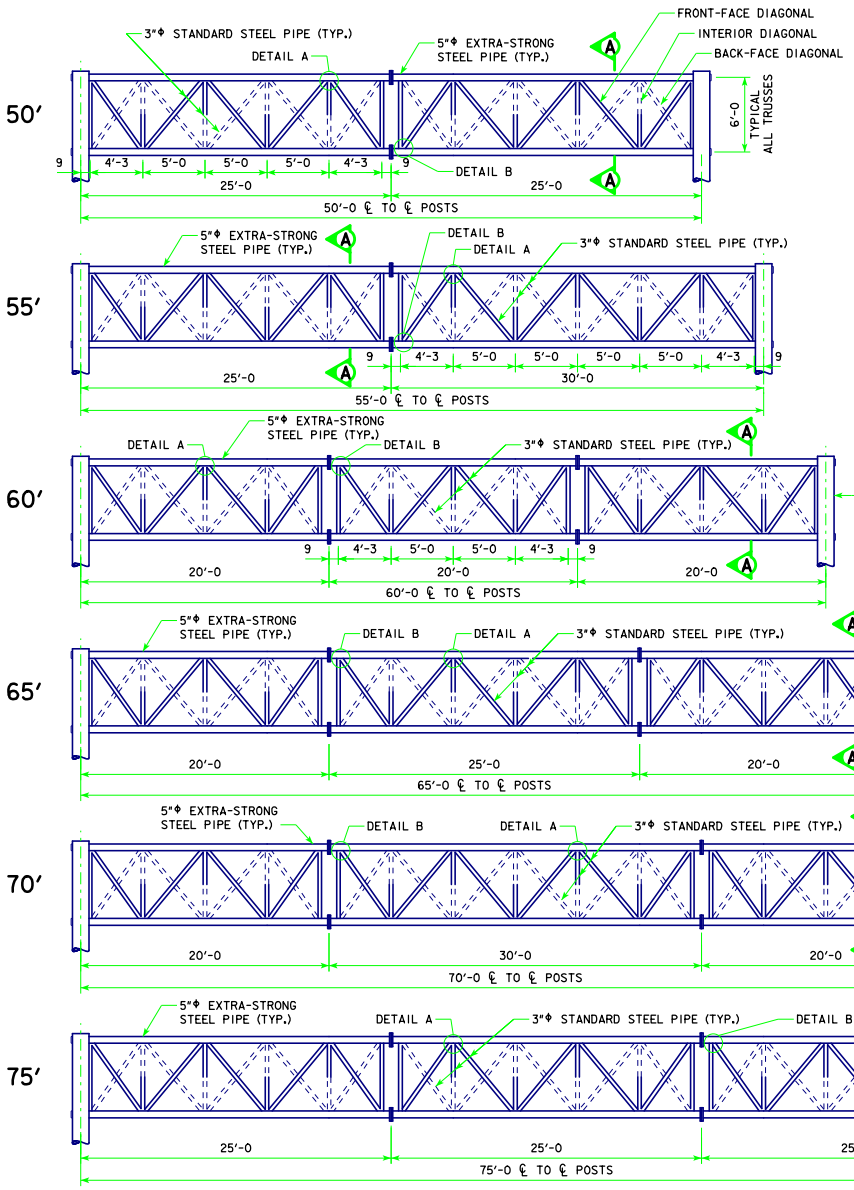
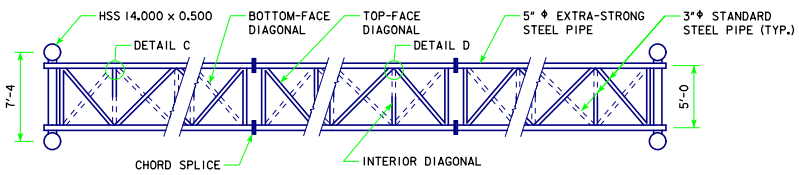


PART ELEVATION VIEWS

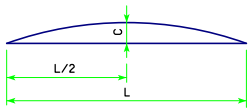
GUSSET PLATES NOT SHOWN



PART TOP VIEW

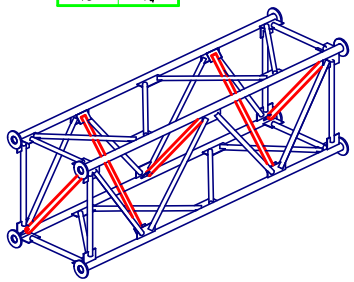
NOTE: INTERIOR DIAGONALS HAVE SAME ORIENTATION AT CHORD SPLICE LOCATIONS

NOTE:
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

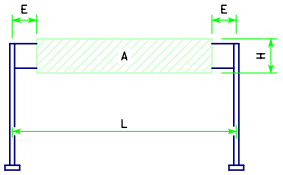
SPAN L	CAMBER C
50′	3/4
55′	3/4
60′	7/8
65′	1
70′	1 1/8
75′	1 1/4



ISOMETRIC VIEW TYPICAL TRUSS UNIT

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

✱ 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.



SIGN AREA FOR STEEL OVERHEAD SIGN TRUSS

CENTERED ✱

ALLOWABLE SIGN AREA

CENTERED ✱

SPAN	MAX. SIGN HEIGHT	MIN. END DIST.		MAX. SIGN AREA
L	H	E		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.

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN

STEEL OVERHEAD SIGN TRUSS

SEPTEMBER, 2011

ELEVATION VIEWS FOR TRUSS SPANS
50′-75′ SPANS

SOST-02-11

STEELOVERHEADSIGNTRUSS.DGN - SOST-02-11 - THIS SHEET ISSUED 9-11.