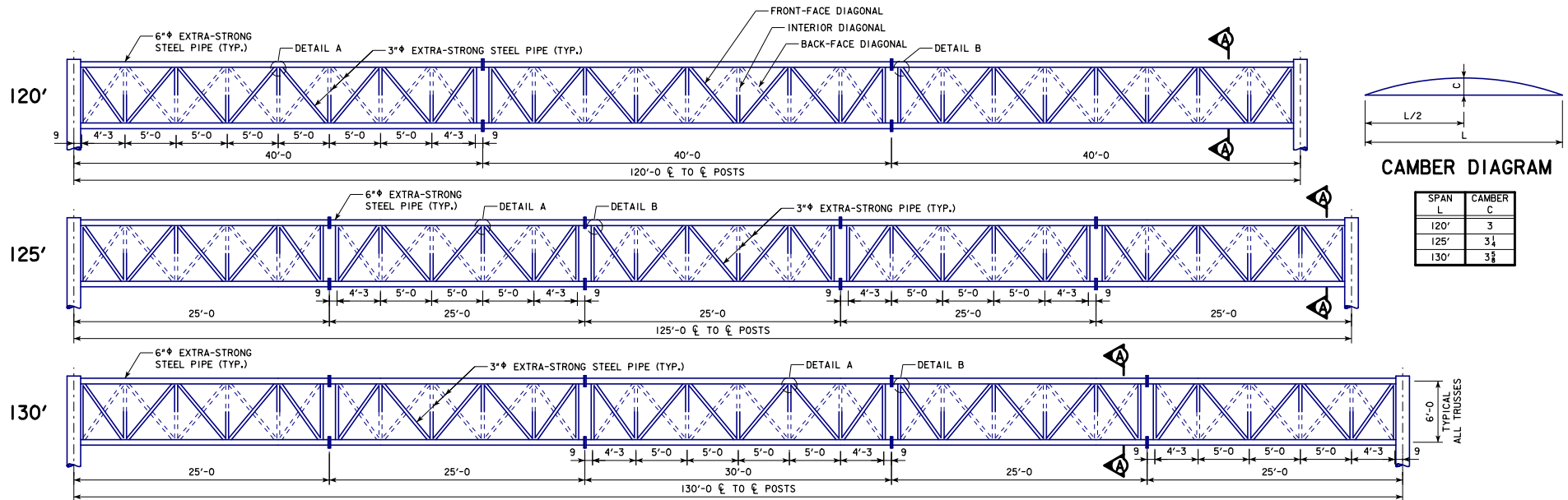
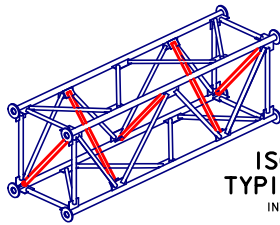


REVISION: 07-17 - MODIFIED NOTES, CHANGED CALLOUT "SIMILAR TO DETAIL A" WAS "DETAIL D" TO CONFORM TO CHANGE OF DETAIL D ON SOST-08-11. REFERENCE TO DETAIL D WAS REMOVED FROM "SEE STANDARD SHEET" NOTE. STEEL OVERHEAD SIGN TRUSS - SOST-05-11 - THIS SHEET ISSUED 09-11.



CAMBER DIAGRAM

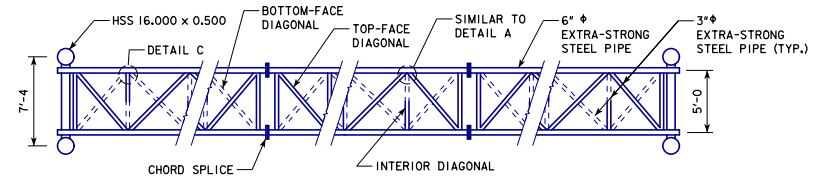
SPAN L	CAMBER C
120'	3
125'	3 1/4
130'	3 1/2



ISOMETRIC VIEW
TYPICAL TRUSS UNIT
INTERIOR DIAGONALS SHOWN
IN RED FOR CLARITY

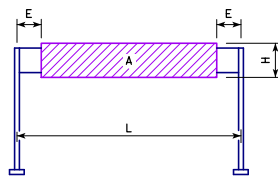
BACK-FACE DIAGONALS AND BOTTOM-FACE DIAGONALS ARE SHOWN WITH DASHED LINES. INTERIOR DIAGONALS ARE SHOWN SOLID NEAR THE FRONT FACE AND TOP FACE. INTERIOR DIAGONALS ARE SHOWN DASHED TOWARDS THE BACK FACE AND BOTTOM FACE.

PART ELEVATION VIEWS
GUSSET PLATES NOT SHOWN



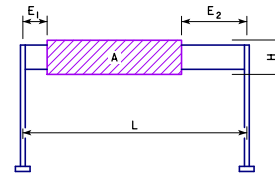
PART TOP VIEW
INTERIOR DIAGONALS HAVE SAME ORIENTATION AT CHORD SPLICE LOCATIONS

ALLOWABLE SIGN AREA				
CENTERED				
SPAN	MAX. SIGN HEIGHT	MIN. END DIST.		MAX. SIGN AREA
L	H	E		A
120'	19'-0"	35'-0"		950 S.F.
125'	19'-0"	37'-6"		950 S.F.
130'	19'-0"	40'-0"		950 S.F.
120'	14'-9"	28'-0"		944 S.F.
125'	14'-9"	30'-6"		944 S.F.
130'	14'-9"	33'-0"		944 S.F.
120'	12'-0"	20'-6"		948 S.F.
125'	12'-0"	23'-0"		948 S.F.
130'	12'-0"	25'-6"		948 S.F.



SIGN AREA FOR
STEEL OVERHEAD
SIGN TRUSS
CENTERED

ALLOWABLE SIGN AREA				
OFFSET				
SPAN	MAX. SIGN HEIGHT	MIN. LEFT END DIST.	MIN. RIGHT END DIST.	MAX. SIGN AREA
L	H	E ₁	E ₂	A
120'	19'-0"	10'-0"	79'-0"	589 S.F.
120'	19'-0"	20'-0"	64'-0"	684 S.F.
125'	19'-0"	10'-0"	84'-0"	589 S.F.
125'	19'-0"	20'-0"	70'-0"	665 S.F.
130'	19'-0"	10'-0"	90'-0"	570 S.F.
130'	19'-0"	20'-0"	75'-0"	665 S.F.
120'	14'-9"	10'-0"	67'-0"	634 S.F.
120'	14'-9"	20'-0"	48'-0"	767 S.F.
125'	14'-9"	10'-0"	72'-0"	634 S.F.
125'	14'-9"	20'-0"	55'-0"	738 S.F.
130'	14'-9"	10'-0"	78'-0"	620 S.F.
130'	14'-9"	20'-0"	62'-0"	708 S.F.
120'	12'-0"	10'-0"	51'-0"	708 S.F.
120'	12'-0"	20'-0"	23'-0"	924 S.F.
125'	12'-0"	10'-0"	58'-0"	684 S.F.
125'	12'-0"	20'-0"	34'-0"	852 S.F.
130'	12'-0"	10'-0"	65'-0"	660 S.F.
130'	12'-0"	20'-0"	43'-0"	804 S.F.



SIGN AREA FOR
STEEL OVERHEAD
SIGN TRUSS

OFFSET
SIGN OFFSET MAY BE MIRRORED
(E₁ AND E₂ VALUES REVERSED).

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 120'-130' SPANS		SOST-05-11