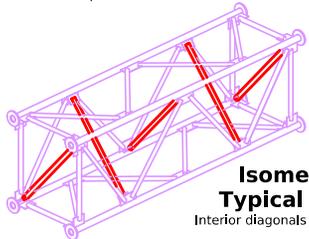


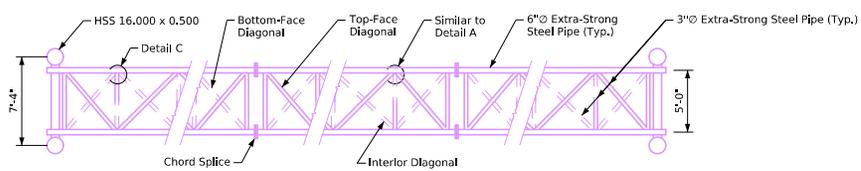
Span L	Camber C
120'	3"
125'	3 1/4"
130'	3 5/8"



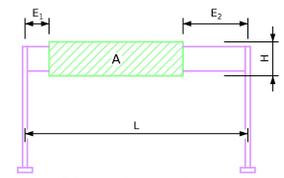
**Isometric View
Typical Truss Unit**
Interior diagonals shown in red for clarity

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



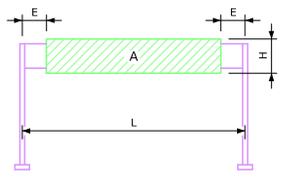
Part Top View
Interior diagonals have same orientation at chord splice locations



Sign Area for Steel Overhead Sign Truss
Offset
Sign offset may be mirrored (E₁ and E₂ values reversed).

Allowable Sign Area				
Offset				
Span	Max. Sign Height	Mn. Left End Dist.	Mn. 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.

Allowable Sign Area				
Centered				
Span	Max. Sign Height	Mn. 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

See Standard Sheet SOST-08-11 for Section A-A and Details A, B and C.

06-2025 Latest Revision Date	 Approved by Bridge Engineer	 Standard Design Steel Overhead Sign Truss September, 2011	
		Elevation Views for Truss Spans 120'-130' Spans	SOST-05-11

* Revised 03-2019; Updated Bridge Engineer signature.
 * Revised 06-2025; This sheet redressed, sheet format update.
 * steeloverheadsigntruss.dgn - SOST-05-11 - This sheet issued 09-2011.