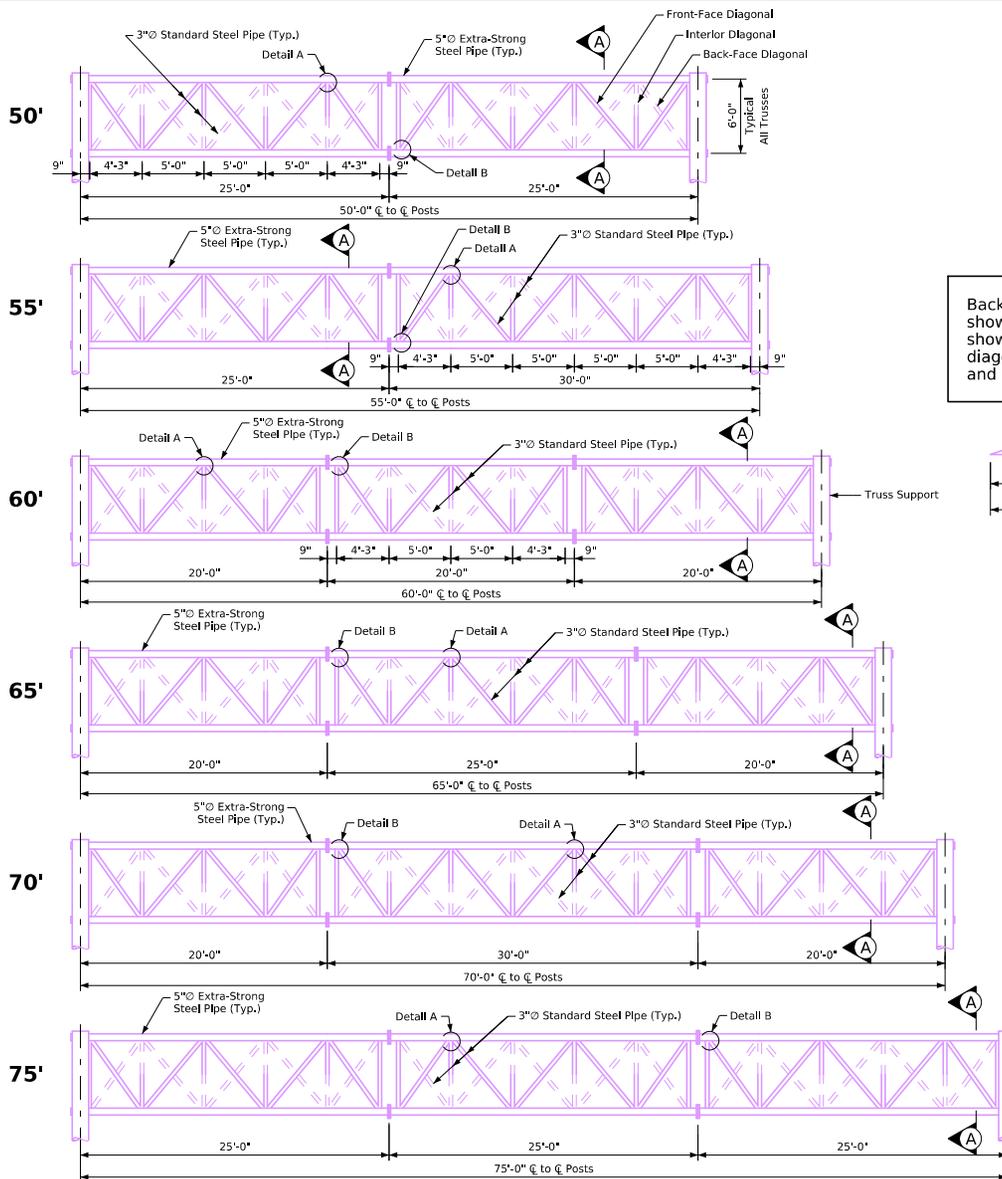
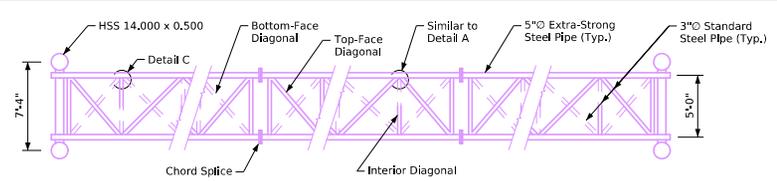


Revised 03-2019; Replaced note identifier asterisk with encircled number to improve readability. Updated Bridge Engineer signature.
 Revised 06-2025; This sheet reissued, sheet format update.
 steeloverheadsigntruss.dgn • SOST-02-11 • This sheet issued 09-2011.



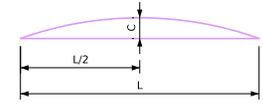
Part Elevation Views
Gusset plates not shown



Part Top View

Interior diagonals have same orientation at chord splice locations

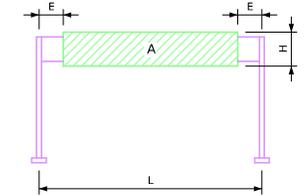
Back-face diagonals and bottom-face diagonals are shown with dashed lines. Interior diagonals are shown solid near the front face and top face. Interior diagonals are shown dashed towards the back face and bottom face.



Camber Diagram

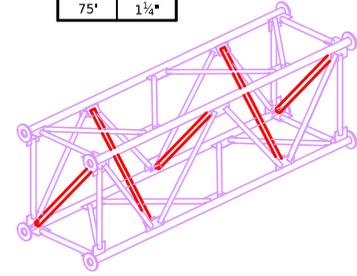
Span L	Camber C
50'	3/4"
55'	3/4"
60'	7/8"
65'	1"
70'	1 1/8"
75'	1 1/4"

① 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 ①

Allowable Sign Area				
Centered ①				
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.



Isometric View Typical Truss Unit

Interior diagonals shown in red for clarity

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 50'-75' Spans	SOST-02-11