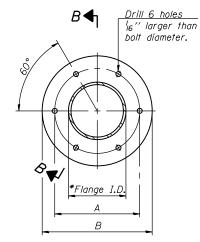
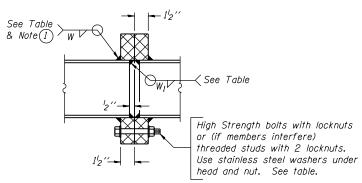
## TRUSS UNIT TABLE

Structure	Station	Design Truss Type	Exterior Units (2)			Interior Unit			Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber	Splicing Flange						
Number			No. Panels	Unit	Panel		No. Panels	Unit	Panel		Thornzonnai, and				Bolts		Weld Sizes			
		1,900	per Unit	Lgth.(Le)	Lgth.(P)	Req'd.	per Unit	Lgth.(L; )	Lgth.(P)	0.D.	Wall	0.D.	Wall	Midspan	No./Splice	Dia.	W	$W_I$	А	В
1S0161290R050.5	1823+65.50	<i>I-</i> A	6	29'-3"	4'-6 <sup>3</sup> 4"	0	-	-	-	5"	4"	212"	/ <sub>4</sub> "	<sup>11</sup> 16 "	6	<sup>7</sup> 8"	<sup>5</sup> 16 "	4"	8 <sup>3</sup> 4"	11 <sup>3</sup> 4"

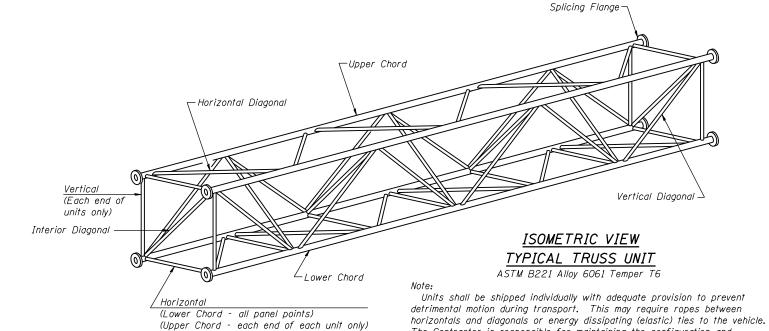


TRUSS TYPES I-A



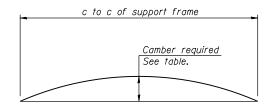
## SECTION B-B

(1) Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



The Contractor is responsible for maintaining the configuration and

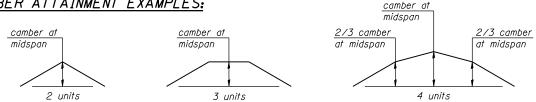
protection of the units.



## CAMBER DIAGRAM

Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

## CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



USER NAME = patelv1	DESIGNED - VP	REVISED
	CHECKED - DD	REVISED
PLOT SCALE = N.T.S.	DRAWN - VP	REVISED
PLOT DATE = 5/9/2014	CHECKED - ATB	REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

OVERHEAD SIGN STRUCTURES – ALUMINUM TRUSS DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FOR TRUSS TYPES I-A	90/94/290	2013-010R	соок	747	284	
TON THOSE THES I-A			CONTRACT	NO.	60W28	
SHEET NO.SOH-030F SOH-10 SHEETS	ILLINOIS FED. AID PROJECT					