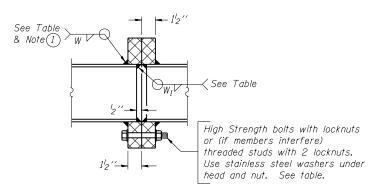
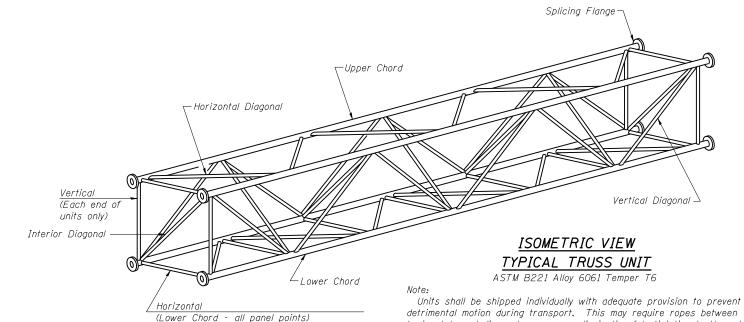
TRUSS UNIT TABLE

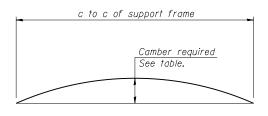
Structure	Station	Design Truss Type			Interior Unit			Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at	Splicing Flange							
Number			Type	_e ∥ No. Paneis		No.	No. Panels		Panel						Bolts		Weld Sizes		A	В
			per Unit	Lgth.(Le)			per Unit	Lgth.(L;)	Lgtn.(P)	0.D.	Wall	0.D.	Wall		No./Splice	Dia.	W	W ₁		
9S091U051R003.7	376+75	II-A	7	38′-5 ³ 4′	5'-2 ³ 4"	1	6	32'-7'2	" 5'-2 ³ 4"	61/2"	⁵ 16 "	3"	⁵ /6 "	3.52"	6	1"	38"	4"	11"	14 ¹ 2"



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.



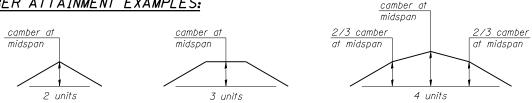


(Upper Chord - each end of each unit only)

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)

0S4-A-2

6-1-12

	FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -
	c:\pw_work\pwidot\colemm\d0339264\78362	-sht-sgnstr.dgn	DRAWN -	REVISED -
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
\$MODELNAME\$		PLOT DATE = 3/29/2013	DATE -	REVISED -

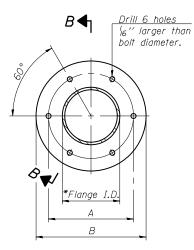
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

		•VARIO	•VARIOUS ROUTES								
OVERHEAD SIGN STRUCTURES – ALUMINUM TRUSS DETAILS									SECTION		
		•	D9	SAFETY	SIGNAGE						
	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				ILLINOI	

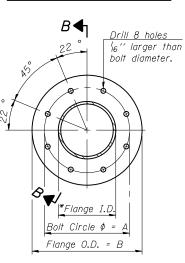
horizontals and diagonals or energy dissipating (elastic) ties to the vehicle.

The Contractor is responsible for maintaining the configuration and

protection of the units.



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A

<u>SPLICING FLANGES</u>

ASTM B221, Alloy 6061-T6 or ASTM B209, Alloy 6061-T651 *To fit O.D. of Chord with maximum gap of ${}^{\prime}\!{}_{16}$ ".

COUNTY

CONTRACT NO. 78362

SIGNAGE 2013-1 VARIOUS 34 25