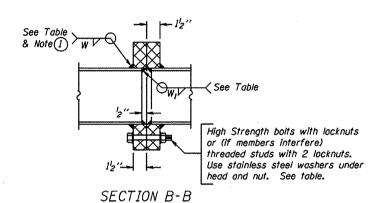
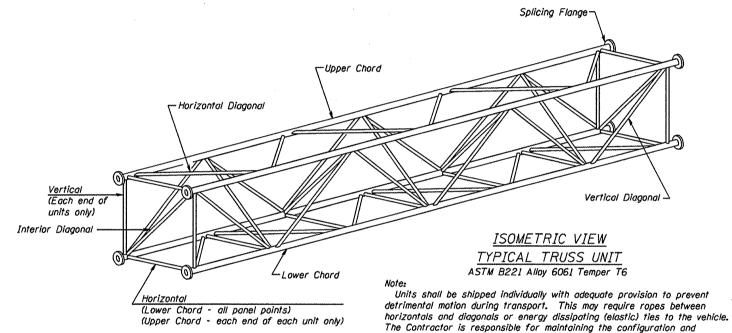
## TRUSS UNIT TABLE

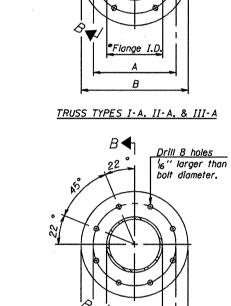
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit			Upper & Lower Chord		Verticals: Horizontals: Vertical, Horizontal, and Interior Diagonals		Camber	Splicing Flange						
			No. Panels per Unit	Unit	Panel	No. Rea'd	No. Panels per Unit	Unit	Panel		Wall	O.D.	Wall	Midspan	Bolt No./Splice		Weld W	Sizes Wı	А	В
6S084I055L082.1	494 + 50	II-A		39'-4 1/2"			8		4'-7 3/4"		5/16"	3"	5/16"	<i>3</i> .95"	6	1"	3/8"		11 1/2"	<i>1</i> 5"
6S084I055L094.7	184 + 00	II-A	7	39'-11 1/4"	5'-5 1/4"	1	6	33'-10 1/2'	5'-5 1/4"	7"	5/16"	3"	5/16"	3.75"	6	I"	3/8"	1/4"	11 1/2"	15"
6S084S029L011.8	27 + 00	I-A	7	36'-10 1/2"	5′-0"	0				5"	5/16"	2 1/2"	5/16"	1.8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
													***************************************							
									<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.



protection of the units.



Drill 6 holes 1<sub>16</sub>" larger than

bolt diameter.

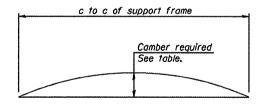
 $B \blacktriangleleft_1$ 

TRUSS TYPES II-A & III-A SPLICING FLANGES ASTM B221, Alloy 6061-T6 or ASTM B209, Alloy 6061-T651 \*To fit O.D. of Chord with maximum gap of 16".

\*Flange I.D.

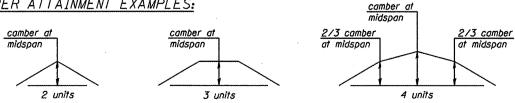
Bolt Circle # = A

Flange O.D. = B



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

7-1-10

FILE NAME :	USER NAME .	DESIGNED	REVISED
		CHECKED	REVISED
	PLOT SCALE *	DRAWN	REVISED
	PLOT DATE *	CHECKED	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

OVERHEAD	SIGN	STRU	CTURES	- ALUMI	NUM	TRUSS	DETAILS
	FOR	TRUSS	TYPES	I-A, II-A	AND	III-A	

ŤÉ.			SEC	TIO	Ŋ		COUNTY	TOTAL SHEETS	SHEET NO.
rious	D-6	OVD	SIN	STR	REPL	11-11	Logan&Sangamon	29	8
							CONTRAC	T NO.	46134
				ILL	INOIS	FED. A	D PROJECT		