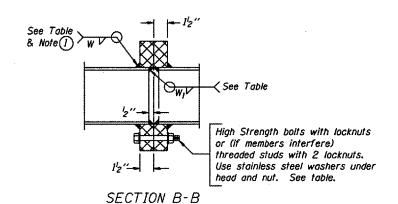
## TRUSS UNIT TABLE

Structure	Design Truss	Exterior Units (2)		Interior Unit				Upper & Lower Chord		Verticals: Horizontals: Vertical, Horizontal, and Interior Diagonals		Camber at	Splicing Flange							
Number	Station Type		No. Panels	Unit	Panel	No.	No. Panels	Unit	Panel	l .				Midenan	Bolts		Weld Sizes		Δ	В
	1		per Unit	Lgth.(Le)	Lgth.(P)	Req'd.	per Unit	Lgth.(Li)	Lgth.(P)	0.D.	Wali	0.D.	Wall		No./Splice	Dia.	W	$W_{I}$		
3S057I074L134.8	683 + 00 WB	I	5	25' · 8 3/4"	4' - 9 3/4"					5*	1/4"	2 1/2"	1/4"	1 1/4"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
												`							,	
									ļ.											



(1) Splicing Flanges shall be attached to each truss unit with the truss shap assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop balted 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.

NUMBER	REVISION	DATE

DESIGNED -	- 20
CHECKED -	EXAMINED
DRAWN "	PASSED ENGINEER OF BRIDGE DESIGN
CHECKED -	ENGINEER OF BAILDOES AND STAUCTURES
054-A-2	1-7-05

Splicing Flange -Upper Chord -Horizontal Diagonal Vertical Vertical Diagonal (Each end of units only) Interior Diagonal -ISOMETRIC VIEW TYPICAL TRUSS UNIT ASTM B221 Alloy 6061 Temper T6 Lower Chord Note: Units shall be shipped individually with adequate provision to prevent / Horizontal detrimental motion during transport. This may require ropes between (Lower Chord - all panel points) horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. (Upper Chord - each end of each unit only)

The Contractor is responsible for maintaining the configuration and

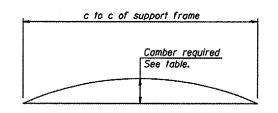
2/3 camber

at midspan

protection of the units.

camber at

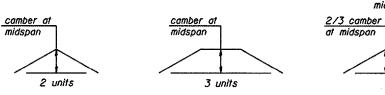
4 units



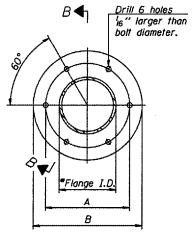
CAMBER DIAGRAM

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

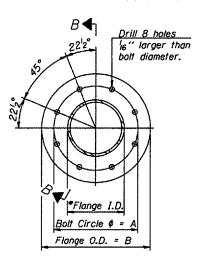
## CAMBER ATTAINMENT EXAMPLES:



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



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



TRUSS TYPES II-A & III-A

SPLICING FLANGES

ASTM 8221 Allow 6061-T6

ASTM B221. Alloy 6061-T6 or ASTM B209. Alloy 6061-T651 \*To fit O.D. of Chord with maximum gap of 16".

OVERHEAD SIGN STRUCTURES

ALUMINUM TRUSS DETAILS

FOR TRUSS TYPES I-A, II-A and III-A

District 3
Truss Repair & Replacement