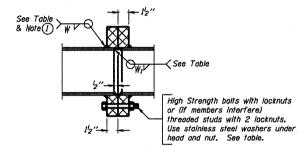
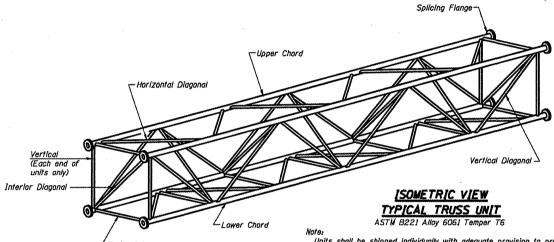
# TRUSS UNIT TABLE

Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals: Horizontals: Vertical.		Camber	Splicing Flange					
			No. Panels	Unit	Panel Lgth.(P)		No. Panels per Unit		Panel Lgth.(P)			Harizontal, and Interior Diagonals		Midspan	Bolts		Weld Sizes		Δ	В
			per Unit	Lgth.(Le)						O.D.	Wall	0.D.	Wall	, , , , , , , , , , , , , , , , , , , ,	No./Splice	Dia.	W	Wı		Ü
45048U034L008.0	640+20	11-A	6	32-12-	5'-02"	1	6	316-	5'-05"	6'-0"	36"	3'	5.	23/	6	<i>'</i> 8°	3,-	4.	104*	1334-
		1							<u> </u>											
		1																		
		1																		



# SECTION B-B

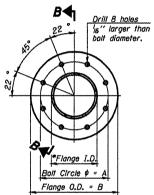
 Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds ar tacks shall be made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



Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require rapes between 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

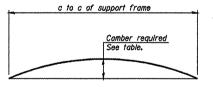
Drill 6 holes '16" larger than bolt diameter.



# 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".

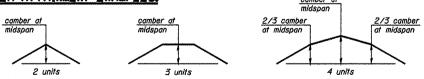


(Lower Chord - all panel points) (Upper Chord - each end of each unit only)

CAMBER DIAGRAM

Camber curve shown is theoretical. Actual camber

## CAMBER ATTAINMENT EXAMPLES:



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

054-A-2

7-1-10 OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS SECTION COUNTY SHEETS NO. STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION CHECKED -REVISED -Vortous D-4 OVD SIN STR REPL 11-25 ENDX-FERRA 30 7
CONTRACT NO. 46152
BLUNDSJFED. AD PROJECT FOR TRUSS TYPES I-A, II-A AND III-A PLOT SCALE = SHEET NO. 7 OF 30 SHEETS