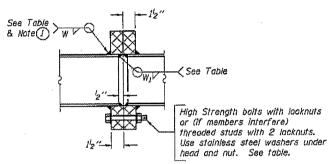
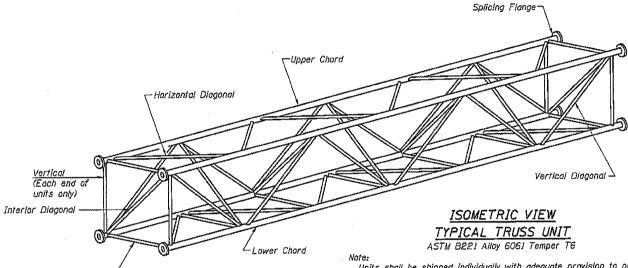
TRUSS UNIT TABLE

Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower		Verticals; Harizontals; Vertical,		Camber	Splicing Flange					
		No. Panels	Unit	Panel	No. Rea'd	No. Panels	Unit Lath(L)	Panel Lath (P)	1		J		Midspan			Weld W	Sizes W1	А	В
624+25	I-A					-	-		5″	5/6"	2'2"	5 ₁₆ ''	1.51''	6	7 ₈ ′′	5 ₁₅ ′′	14"	834"	1134"
65+00	II-A	8	39'-45"	4'-84"	1	8	38'-9''	4'-814"	7"	5/16"	3"	5,''	3.96"	6	1"	38"	1 _g "	11½"	<i>1</i> 5′′
																-			
	624+25	Station Truss Type 624+25 I-A	Station Truss No. Panels per Unit 624+25 I-A 7	Station Truss Type No. Panels Unit per Unit Lgth.(Le.) 624+25 I-A 7 33'-4'z"	Station Truss Type No. Panels Unit Panel per Unit Lgth.(Le) Lgth.(P) 624+25 I-A 7 33'-4'z'' 4'-6''	Station Truss Type No. Panets per Unit Panet Lgth.(L _c) Unit Lgth.(L _c) Panet Lgth.(P) No. Reg'd. 624+25 I-A 7 33'-4'z'' 4'-6'' 0	Station Truss Type No. Panels Unit Panel No. No. Panels per Unit Lgth.(Le) Lgth.(P) Reg'd. per Unit 624+25 I-A 7 33'-4'z" 4'-6" 0 -	Station Truss Type No. Panels Unit Panel No. No. Panels Unit Lgth.(Le) Lgth.(P) Rea/d. per Unit Lgth.(L1) 524+25 I-A 7 33'-4'2" 4'-6" 0	Station Truss Type No. Panels Unit Panel No. No. Panels Unit Panel Reg'd. Per Unit Lgth.(Le) Lgth.(P) Reg'd. Per Unit Lgth.(L1) Lgth.(P) $624+25$ I-A 7 $33'-4'2''$ $4'-6''$ 0	Station Truss Type No. Panels per Unit Lgth.(Le) Lgth.(P) Value Panel Req'd. Per Unit Lgth.(Lt) Lgth.(P) No. Panels Panel Req'd. Per Unit Lgth.(Lt) Lgth.(P) Unit Panel Lgth.(Lt) Lgth.(P) Ch 524+25 I-A 7 33'-4'2" 4'-6" 0 - - - 5"	Station Truss Type No. Panels Unit Panel No. No. Panels Unit Lgth.(I_L) Lgth.(I_L) Lgth.(I_L) Lgth.(I_L) Reg'd. per Unit Lgth.(I_L) Lgth.(I_L) Lgth.(I_L) Unit Lgth.(I_L)	Station Truss Type No. Panels per Unit Lgth.(Le) Unit Lgth.(Le) No. No. Panels Reg'd. Unit Lgth.(L) Panel Lgth.(L) No. Panels Lgth.(L) Unit Lgth.(L) Panel Lgth.(L) O.D. Wall O.D. 524+25 I-A 7 33'-4'2" 4'-6" 0 - - - 5" 5" 5" 2'2"	Station Truss Type No. Panels Unit Panel Lgth.(Le) Lgth.(P) Rea'd. Panel Lgth.(Le) Lgth.(Le) Lgth.(P) Panel Lgth.(P) Panel Lgth.(P) Panel Lgth.(P) Panel Lgth.(P) Panel Lgth.(P) Panel Panel	Station Midspan Midspan Midspan Station Sta	Station Station Station Station Station Station Stat	Station $Truss$ $Type$ $No. Panels$ $Unit$ $Panel$ $Unit$ $Panel$ $No. No. Panels$ $Unit$ $Panel$ $No. Panels$ $Unit$ U	Station Truss Truss Type No. Panels per Unit Light.(Lp) Light.(P) Reg'd. per Unit Light.(Lp) Reg'd. per Unit Reg'd. per Unit Light.(Lp) Reg'd. per Unit Reg'd. per Unit Light.(Lp) Reg'd. per Unit Reg'd.	Station Truss Type No. Panels Unit Panel Lgth.(Le) Lgth.(P) Lgth.(P) Reg'd. per Unit Lgth.(Le) Lgth.(P) Chord Horizontal, and Interior Diagonals at Midspan Midspan Midspan Mo./Splice Dia. W W1	Station Station Station Truss Truss

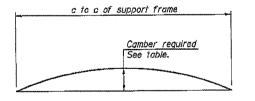


SECTION B-B

(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.



Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and (Upper Chord - each end of each unit only) protection of the units.

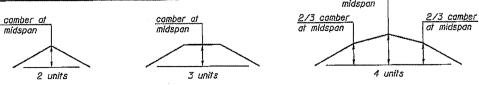


CAMBER DIAGRAM Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

CAMBER ATTAINMENT EXAMPLES:

/ Horizontal

(Lower Chord - all panel points)



Camber shown is for fabrication only, measured with truss fully supported. (Na-load condition)

054-A-2

FILE NAME =

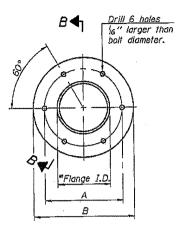
St\Sign Truss Plan D

1-20-11 REVISED -DESIGNED -USER NAME = kallayjb DRAWN REVISED -CHECKED REVISED PLOT SCALE = 0.1800 ft / in. REVISED -PLOT DATE = Sep-30-2011 10:26:31AM

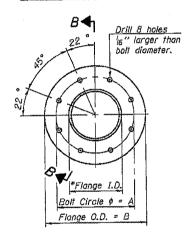
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

OVERHEAD	SIGN	STRU	CTURES	- A	LUMII	MUN	TRUSS	DETAIL	\$
	FOR T	rruss	TYPES	I–A,	II-A	AND	III-A		
SCALE: SHEE	T NO.	OF	SHE	ETS	STA.		T	O STA	

CONTRACT NO. 46196



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



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".