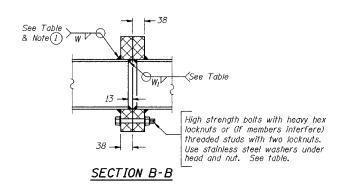
ALL DIMENSIONS IN MILLIMETERS EXCEPT PAY ITEMS AND UNLESS NOTED OTHERWI

T ISE	F.A.I. RTE.	SECTION	COUN	ΤY	TOTAL SHEETS	SHEET NO.			
12E	80/94	2626.2-R-2	COOK/I	AKE	1207	374			
	STA.	-	TO STA.						
	FED. RO	AD DIST. NO.	ILLINOIS	FED.	AID PROJECT				
	CONTRA	CT NO. 62114	INDOT DES. NO. 0100987						

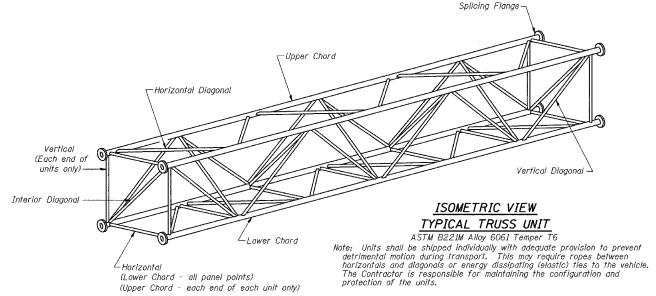
TRUSS UNIT TABLE

Characteris	61.11		Exterior Units (2)		Interior Unit			Upper & Lower		Verticals; Horizontals; Vertical,		Cambas	Splicing Flange							
Structure	Station	Design Truss	No. Panels	Unit	Panel	No.	No. Panels	Unit	Panel	Cho			Interior Diagonals	Camber at			, ,			
Number		Type	per Unit Lgth.(Le) Lgti	Lgth.(P)	Rea'd.	g'd. per Unit	Unit Pana Lgth.(L ₁) Lgth.						Midspan	Bolts		Weld Sizes		. ,	B	
		1,770		(m)	(m)		,	(m)	(m)	0.D.	Wall	0.D.	Wall	,	No./Splice	Dia.	W	W ₁		<i></i>
1S0161080L162.9	6+951.478	II-A	7	10.857	1.470	1	6	9.197	1.470	165	8	76	8	62.7	6	м30	10	6	279	368
1S0161080R163.1	7+239.540	II-A	6	9.168	1.433	1	6	8.978	1.433	140	8	76	8	49.3	6	M24	10	6	235	311
1S0161080L163.1	7+312.695	II-A	8	11.370	1.350	1	8	11.180	1.350	178	8	76	8	81.3	6	M30	8	6	292	368
1S0161080L163.5	7+948.045	III-A	6	9.168	1.433	1	6	8.978	1.433	178	8	83	8	42.6	8	M30	14	11	292	381



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.

NUMBER	REVISION	DATE



c to c of support frame Camber required See table.

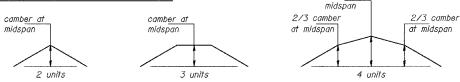
(Upper Chord - each end of each unit only)

CAMBER DIAGRAM

(Lower Chord - all panel points)

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

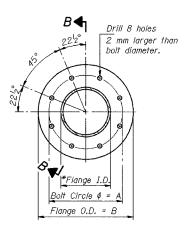
CAMBER ATTAINMENT EXAMPLES:



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

B ◆ 1	Drill 6 holes 2 mm larger tha bolt diameter.
\$	
*Flange	I.D.
В	

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



TRUSS TYPES II-A & III-A

SPLICING FLANGES

ASTM B221M, Alloy 6061-T6 or ASTM B209M, Alloy 6061-T651 *To fit O.D. of Chord with maximum gap of 2 mm.

REVISIONS	5	
NAME	DATE	
		SCA
		DAT

ILLINOIS DEPARTMENT OF TRANSPORTATION I-80/94/US 6 KINGERY-BORMAN EXPRESSWAY BURNHAM ROAD TO US 41 **OVERHEAD SIGN STRUCTURES ALUMINUM TRUSS DETAILS** FOR TRUSS TYPES I-A, II-A and III-A DRAWN BY ACE/CAD ALE NONE CHECKED BY TAE TE 07/05

AMERICAN