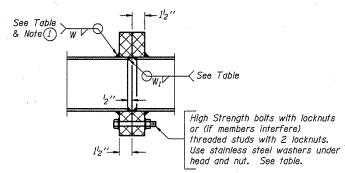
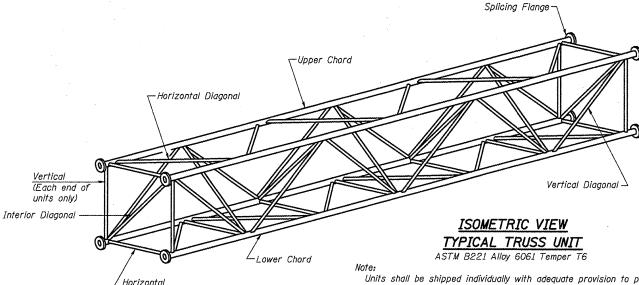
TRUSS UNIT TABLE

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 Unit per Unit Lath.(Le)	Unit Po	Panel	No.	No. No. Panels	Unit Panel	11				Midsnan	Bolt			Sizes			
				Lgth.(P) Req	Req'd.	g'd. per Unit	Lgth.(Li) Lgth.(P)	0.D.	Wall	O.D. Wall	Wall	- Imraepan	No./Splice	Dia.	W	W ₁	А	В		
				75/ 5/ 11	44 40 11	ļ			ļ	5"	ļ	<u> </u>	5							
5 S 092 I074 R213.03	1860+02	I-A	/	35'-812"	4'-10"	ļ				5"	516"	2/2"	³ 16 "	134"	6	8"	5/6"	4."	834"	1134"
		-	<u> </u>	 		<u> </u>		 	ļ		ļ	-				·	 	<u> </u>	 	
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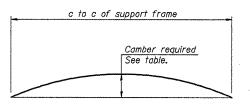


SECTION B-B

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 protection of the units.



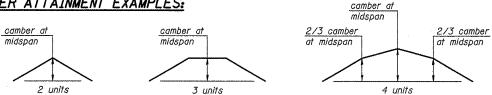
(Lower Chord - all panel points)

(Upper Chord - each end of each unit only)

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)

054-A-2

7-1-10

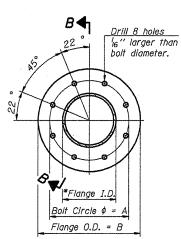
		7 4 10				
1	FILE NAME =	USER NAME = bucklesjj	DESIGNED	-	JAL.	REVISED ~
	c:\pw_work\pwidot\bucklesjj\d0241273\D54	6140-aht-detoila.dgn	DRAWN	~	88P	REVISED -
1	,	PLOT SCALE = 40.0000 '/ IN.	CHECKED	-		REVISED -
1		PLOT DATE = 10/28/2010	DATE	-	09/23/10	REVISED -
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

OVERHE	AD SIGN S			LUMINUM II-A AND		DETAILS	F.A.I. RTE. 74	
	TON IN	799 11F	io mm,	II-W WIED	111-14			
CALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	 	

Drill 6 holes B 16" larger than bolt diameter. *Flange I.D

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".

*O-E OVD SIN STD DEDL 2011-17

	*D-5 OVD SIN SIR			
	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•	VERMILION	39	10
_		CONTRACT	NO. 4	46140