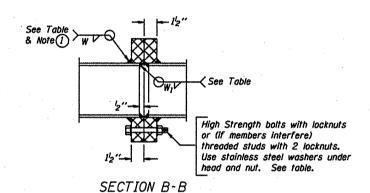
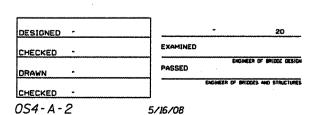
TRUSS UNIT TABLE

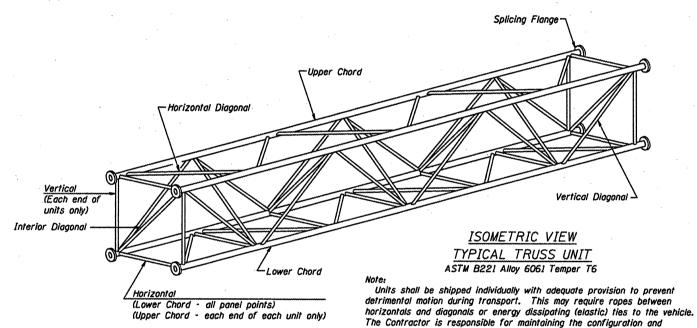
	Design	Exterior Units (2)			Interior Unit				Upper & Lower		Verticals; Horizontals; Vertical.		Camber	Splicing Flange					
Station	Type	No. Panels	Unit	Panel	No.	No. Panels	Unit	Panel				Interior Diagonais				Weld	Sizes	1	
	,, ·	per Unit	Lgth.(Le)	Lgth.(P)	Req'd.	per Unit	Lgth.(Li)	Lgth.(P)	0.D.	Wall	0.D.	Wall	шоорол	No./Splice	Dia.	W	W ₁	_ ^	В
513 + 30	II-A	8	39'-4 1/2"	4'-8 1/4"	1	8	38′-9"	4'-8 1/4"	. 7"	5/16"	3"	5/16"	4"	6		3/8"	1/4"	11 1/2"	<i>1</i> 5"
233 + 00	III-A	7	39'-2 1/2"	5'-4"	1.	6	33′-3"	5'-4"	7"	5/16"	3 1/4"	5/16"	2 3/4"	6	1"	7/16"	5/16"	11 1/2"	15"
597 + 50	III-A	7	38'-9 1/4"	5'-3 1/4"	1	6	32'-10 1/2"	5'-3 1/4"	7"	5/16"	3 1/4"	5/16"	2 3/4"	6	1"	7/16"	5/16"	11 1/2"	15"
203 + 00	II-A	7	38'-2 1/4"	5'-2 1/4"	1	6	32'-4 1/2"	5'-2 1/4"	6 1/2"	5/16"	3"	5/16"	3 1/2"	6	1"	3/8"	1/4"	11"	14 1/2
657 + 00	III-A	8	38'-4 1/2"	4'-6 3/4"	1	8	37′-9"	4'-6 3/4"	7"	5/16"	3 1/4"	5/16"	3"	6	1"	7/16"	5/16"	11 1/2"	15"
	233 ÷ 00 597 ÷ 50 203 ÷ 00	Station Truss Type 513 + 30 II-A 233 + 00 III-A 597 + 50 III-A 203 + 00 II-A	Station Truss Type No. Panels per Unit 513 + 30 II-A 8 233 + 00 III-A 7 597 + 50 III-A 7 203 + 00 II-A 7	Station Truss Type No. Panels per Unit Lgth.(Le) Unit Lgth.(Le) 513 + 30 II-A 8 39'-4 1/2" 233 + 00 III-A 7 39'-2 1/2" 597 + 50 III-A 7 38'-9 1/4" 203 + 00 II-A 7 38'-2 1/4"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(P) 513 + 30 II-A 8 39'-4 1/2" 4'-8 1/4" 233 + 00 III-A 7 39'-2 1/2" 5'-4" 597 + 50 III-A 7 38'-9 1/4" 5'-3 1/4" 203 + 00 II-A 7 38'-2 1/4" 5'-2 1/4"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(F) No. Req'd. 513 * 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 233 * 00 III-A 7 39'-2 1/2" 5'-4" 1 597 * 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 203 * 00 II-A 7 38'-2 1/4" 5'-2 1/4" 1	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Lgth.(P) Panel Req'd. No. Panels per Unit 513 * 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 8 233 * 00 III-A 7 39'-2 1/2" 5'-4" 1 6 597 * 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 203 * 00 III-A 7 38'-2 1/4" 5'-2 1/4" 1 6	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(P) No. Req'd. No. Panels per Unit Unit Lgth.(Lı) 513 + 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 1 8 38'-9" 233 + 00 III-A 7 39'-2 1/2" 5'-4" 1 6 33'-3" 597 + 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 32'-10 1/2" 203 + 00 II-A 7 38'-2 1/4" 5'-2 1/4" 1 6 32'-4 1/2"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(P) No. Req'd. No. Panels per Unit Unit Lgth.(L1) Panel Lgth.(L1) No. Panels per Unit Unit Lgth.(L1) Panel Lgth.(L1) Panel Lgth.(L2) Lgth.(P) 513 * 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 8 38'-9" 4'-8 1/4" 233 * 00 III-A 7 39'-2 1/2" 5'-4" 1 6 33'-3" 5'-4" 597 * 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 32'-10 1/2" 5'-3 1/4" 203 * 00 III-A 7 38'-2 1/4" 5'-2 1/4" 1 6 32'-4 1/2" 5'-2 1/4"	Station Truss Type No. Panels per Unit Unit Lgth.(L _e) Panel Lgth.(P) No. Panels per Unit Unit Lgth.(L _I) Panel Lgth.(L _I) Ch 513 + 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 1 8 38'-9" 4'-8 1/4" 7" 233 + 00 III-A 7 39'-2 1/2" 5'-4" 1 6 33'-3" 5'-4" 7" 597 + 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 32'-10 1/2" 5'-3 1/4" 7" 203 + 00 II-A 7 38'-2 1/4" 5'-2 1/4" 1 6 32'-4 1/2" 5'-2 1/4" 6 1/2"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Lgth.(P) Panel Lgth.(Le) Lgth.(P) No. Panels per Unit Unit Lgth.(Le) Lgth.(P) Panel Lgth.(Le) Lgth.(Le) Lgth.(P) Chord 513 + 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 8 38'-9" 4'-8 1/4" 7" 5'-16" 5'-16" 233 + 00 III-A 7 39'-2 1/2" 5'-4" 1 6 33'-3" 5'-4" 7" 5'-16" 597 + 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 32'-10 1/2" 5'-3 1/4" 7" 5'-16" 203 + 00 III-A 7 38'-2 1/4" 5'-2 1/4" 1 6 32'-4 1/2" 5'-2 1/4" 6 1/2" 5'-2 1/4" 6 1/2" 5'-16"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(P) No. Panels per Unit Unit Lgth.(Lr) Panel Lgth.(Lr) Chord Horizontal, and 513 * 30 II-A 8 39'-4 1/2" 4'-8 1/4" 1 8 38'-9" 4'-8 1/4" 7" 5/16" 3" 5/16" 3" 233 * 00 III-A 7 39'-2 1/2" 5'-4" 1 6 33'-3" 5'-4" 7" 5/16" 3 1/4" 597 * 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 32'-10 1/2" 5'-3 1/4" 7" 5/16" 3 1/4" 203 * 00 II-A 7 38'-2 1/4" 5'-2 1/4" 1 6 32'-4 1/2" 5'-2 1/4" 6 1/2" 5/16" 3"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(Le) No. Panels per Unit Unit Lgth.(Lr) Panel Lgth.(Lr) Unit Lgth.(Lr) Panel Lgth.(Lr) Chord Horizontal, and Interior Diagonals 513 * 30 II-A 8 39'-4 1/2* 4'-8 1/4* 1 1 8 38'-9" 4'-8 1/4* 7" 5'/16" 5/16" 3" 5/16" 233 * 00 III-A 7 39'-2 1/2* 5'-4" 1 6 33'-3" 5'-4* 7" 5/16" 7" 5/16" 3 1/4" 5/16" 597 * 50 III-A 7 38'-9 1/4* 5'-3 1/4* 1 6 32'-10 1/2* 5'-3 1/4* 7" 5/16" 3 1/4" 5'-16" 3 1/4" 5/16" 203 * 00 III-A 7 38'-2 1/4* 5'-2 1/4* 1 6 32'-4 1/2* 5'-2 1/4* 6 1/2" 5/16" 3" 5/16"	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(P) No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(Le) Unit Lgth.(Le) Panel Lgth.(Le) Chord Horizontal, and Interior Diagonals and Midspan All displan 513 * 30 III-A 8 39'-4 1/2" 4'-8 1/4" 1 8 38'-9" 4'-8 1/4" 7" 5/16" 3" 5/16" 3" 5/16" 4" 3" 5/16" 4" 4" 233 * 00 III-A 7 39'-2 1/2" 5'-4" 1 6 33'-3" 5'-4" 7" 5/16" 3 1/4" 7" 5/16" 3 1/4" 5/16" 2 3/4" 597 * 50 III-A 7 38'-9 1/4" 5'-3 1/4" 1 6 32'-10 1/2" 5'-3 1/4" 7" 5/16" 3 1/4" 5/16" 3" 5/16" 3" 5/16" 3 1/2" 203 * 00 III-A 7 38'-2 1/4" 5'-2 1/4" 1 6 32'-4 1/2" 5'-2 1/4" 6 1/2" 5/16" 3" 5/16" 3" 5/16" 3" 5/16" 3" 5/16" 3" 1/2"	Station Truss No. Panels Unit Panel Lgth.(Le) Lgth.(P) Lgth.(P	Station Truss Type No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(Le) No. Panels per Unit Unit Lgth.(Le) Panel Lgth.(Le) Unit Lgth.(Le) Unit Lgth.(Le) Panel Lgth.(Le) Unit Lgth.(Le)	Station Truss Type No. Panels Unit Lgth.(Le) Lgth.(P) Req'd. No. Panels per Unit Lgth.(Le) Lgth.(P) Lgth.(P) Lgth.(P) Lgth.(P) Lgth.(P) Lgth.(P) D.D. Wall D.D. Wall No./Splice Dia. Wall No./Splice D	Station Truss Type No. Panels Unit Panel Lgth.(Le) Lgth.(P) Lgth.(P)	Station Truss Type No. Panels Unit Panel Lgth.(Le) Lgth.(P) Lgth.(P)



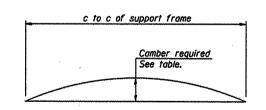
1 Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining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

NUMBER	REVISION	DATE



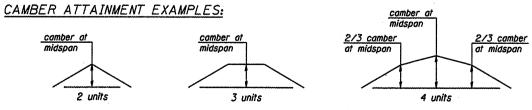


protection of the units.

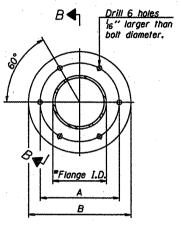


CAMBER DIAGRAM

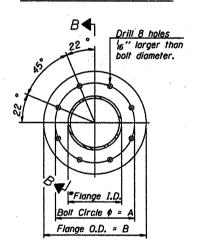
Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.



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 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 6 Overhead Sign Structure Replacement