

TRUSS SCHEDULE (ALUMINUM STRUCTURE)											
SPAN	L1	L2	L3	L4	See code table						CAMBER ^④
50'-0	25'-0	—	—	25'-0	5'-6	EX	AX	CW	CW	BW	3"
55'-0	20'-0	15'-0	—	20'-0	↑	↑	↑	↑	↑	↑	7"
60'-0	20'-0	20'-0	—	20'-0							1"
65'-0	20'-0	25'-0	—	20'-0				↓	↓	↓	1 1/8"
70'-0	25'-0	20'-0	—	25'-0				CW	CW	BW	1 3/8"
75'-0	25'-0	25'-0	—	25'-0				CX	CX	BX	1 1/8"
80'-0	20'-0	20'-0	20'-0	20'-0				↑	↑	↑	1 1/4"
85'-0	20'-0	25'-0	20'-0	20'-0							1 1/2"
90'-0	20'-0	25'-0	25'-0	20'-0							1 5/8"
95'-0	25'-0	20'-0	25'-0	25'-0							1 3/4"
100'-0	25'-0	25'-0	25'-0	25'-0	5'-6	EX	AX	CX	CX	BX	2"

END SUPPORT SCHEDULE					See code table				CODE	DIAMETER	CODE	WALL THICKNESS
Span Lengths	H	f	g	h	A	2"	W	0.188"				
Up to 70' span	17'-6	CW	DX	FY	B	2 3/4"	X	0.250"				
	18'-6	↑	↑	↑	C	3"	Y	0.312"				
	19'-6				D	4 1/2"	Z	0.375"				
	20'-6				E	4 3/4"						
	21'-6				F	10"						
	22'-6											
	23'-6			FY								
	24'-6			FZ								
> 70'-6 to 90'-0 span	17'-6			FY								
	18'-6			↑								
	19'-6											
	20'-6			↓								
	21'-6			FY								
	22'-6			FZ								
	23'-6			↑								
	24'-6											
> 90'-6 to 100'-0 span	17'-6											
	18'-6											
	19'-6											
	20'-6											
	21'-6											
	22'-6											
	23'-6											
	24'-6	CW	DX	FZ								

NOTES:

- Sign area = 500 ft² max.
- Max. projection of sign beyond chord is 8 ft.

③

Use 3 in. Ø x 0.250 in. wall thickness at panels adjacent to columns.

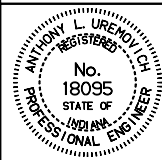
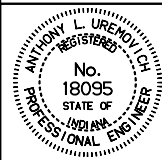
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Ordinate at center of assembled truss prior to dead load deflection. Allowable camber tolerance for truss is ±25%

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INDIANA DEPARTMENT OF TRANSPORTATION	
SIGN STRUCTURE TRUSS SCHEDULES	
SEPTEMBER 2001	
STANDARD DRAWING NO. E 802-SNOH-04	
	/s/ Anthony L. Uremovich 9-04-01 DESIGN STANDARDS ENGINEER DATE
	/s/ Firooz Zandi 9-04-01 CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	