

TRUSS SCHEDULE (ALUMINUM STRUCTURE)					See code table						CAMBER④
SPAN	L1	L2	L3	L4	D	a	b	c	d	e ③	
15 m	7.5 m	—	—	7.5 m	1.675 m	EX	AX	CW	CW	BW	20 mm
16.5 m	6 m	4.5 m	—	6 m							22 mm
18 m	6 m	6 m	—	6 m							25 mm
19.5 m	6 m	7.5 m	—	6 m							28 mm
21 m	7.5 m	6 m	—	7.5 m				CW	CW	BW	35 mm
22.5 m	7.5 m	7.5 m	—	7.5 m				CX	CX	BX	28 mm
24 m	6 m	6 m	6 m	6 m							32 mm
25.5 m	6 m	7.5 m	6 m	6 m							38 mm
27 m	6 m	7.5 m	7.5 m	6 m							42 mm
28.5 m	7.5 m	6 m	7.5 m	7.5 m							45 mm
30 m	7.5 m	7.5 m	7.5 m	7.5 m	1.675 m	EX	AX	CX	CX	BX	50 mm

END SUPPORT SCHEDULE					See code table				CODE	DIAMETER	CODE	WALL THICKNESS
Span Lengths	H	f	g	h								
Up to 21 m span	5.3 m	CW	DX	FY					A	50 mm	W	5 mm
	5.6 m								B	70 mm	X	6.5 mm
	5.9 m								C	75 mm	Y	8 mm
	6.2 m								D	115 mm	Z	10 mm
	6.5 m								E	120 mm		
	6.8 m								F	250 mm		
	7.1 m			FY								
	7.4 m			FZ								
> 21 m to 27 m span	5.3 m			FY								
	5.6 m											
	5.9 m											
	6.2 m											
	6.5 m			FY								
	6.8 m			FZ								
	7.1 m											
	7.4 m											
> 27 m to 30 m span	5.3 m											
	5.6 m											
	5.9 m											
	6.2 m											
	6.5 m											
	6.8 m											
	7.1 m											
	7.4 m	CW	DX	FZ								

NOTES:

1. Sign area = 45 m² max.
2. Max. projection of sign beyond chord is 2.4 m.
- ③ Use 75 mm dia. x 6.5 mm wall thickness at panels adjacent to columns.
- ④ Ordinate at center of assembled truss prior to dead load deflection. Allowable camber tolerance for truss is *25%

All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION	
SIGN STRUCTURE TRUSS SCHEDULES	
SEPTEMBER 2002	
STANDARD DRAWING NO. 802-SNOH-04	
	/s/ Richard L. VanCleave 9-03-02 DESIGN STANDARDS ENGINEER DATE
	/s/ Richard K. Smutzer 9-03-02 CHIEF HIGHWAY ENGINEER DATE