

TRUSS SCHEDULE (ALUMINUM STRUCTURE)											
						See code table					
SPAN	L1	L2	L3	L4	D	a	b	c	d	e ③	CAMBER④
15 m	7.5 m	—	—	7.5 m	1.7 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	1.7 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	A	50 mm	W	5 mm				
Up to 21 m span	5.3 m	CW	DX	FY	B	70 mm	X	6.5 mm				
	5.6 m				C	75 mm	Y	8 mm				
	5.9 m				D	115 mm	Z	10 mm				
	6.2 m				E	120 mm						
	6.5 m				F	250 mm						
	6.8 m											
	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:

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

- NOTES:**
- Sign area = 45 m² max.
 - 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 dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION
SIGN STRUCTURE TRUSS SCHEDULES
 SEPTEMBER 2001
 STANDARD DRAWING NO. **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