TRUSS SCHEDULE (ALUMINUM STRUCTURE)					See code table						
SPAN	L1	L2	L3	L4	D	a	b	c	d	e ③	CAMBER④
50'-0	25'-0	—	—	25'-0	5'-6	EX	AX	CW	CW	BW	¾"
55'-0	20'-0	15'-0	—	20'-0							⅞"
60'-0	20'-0	20'-0	—	20'-0							1"
65'-0	20'-0	25'-0	—	20'-0							1⅛"
70'-0	25'-0	20'-0	—	25'-0				CW	CW	BW	1⅜"
75'-0	25'-0	25'-0	—	25'-0				CX	CX	BX	1⅛"
80'-0	20'-0	20'-0	20'-0	20'-0							1¼"
85'-0	20'-0	25'-0	20'-0	20'-0							1½"
90'-0	20'-0	25'-0	25'-0	20'-0							1⅝"
95'-0	25'-0	20'-0	25'-0	25'-0							1¾"
100'-0	25'-0	25'-0	25'-0	25'-0	5'-6	EX	AX	CX	CX	BX	2"

END SUPPORT SCHEDULE		See code table		
Span Lengths	H	f	g	h
Up to 70' span	17'-6	CW	DX	FY
	18'-6			
	19'-6			
	20'-6			
	21'-6			
	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

CODE	DIAMETER	CODE	WALL THICKNESS
A	2"	W	0.188"
B	2¾"	X	0.250"
C	3"	Y	0.312"
D	4½"	Z	0.375"
E	4¾"		
F	10"		

NOTES:

1. Sign area = 500 ft^2 max.
2. 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.

④ Ordinate at center of assembled truss prior to dead load deflection. Allowable camber tolerance for truss is *25%

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN STRUCTURE TRUSS SCHEDULES

SEPTEMBER 2002

STANDARD DRAWING NO. E 802-SNOH-04

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-03-02
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-03-02
CHIEF HIGHWAY ENGINEER DATE