NOTES:

1. See Standard Drawings E 802-SBTS-07 and 08 for sections and panels dimensions.

SIGN BOX TRUSS SCHEDULE

TRUSS TYPE	MAX. SIGN AREA	MAX. SPAN	MAX. MOUNTING HEIGHT	TRUSS MEMBERS										END SUPPORT MEMBERS						
				CHORD		VERTICAL		HORIZONTAL		VERTICAL DIAGONAL		HORIZONTAL DIAGONAL		HORIZONTAL		DIAGONAL		COLUMN		W-BEAM
			H	a		b		c		d		e		f		g		h		j
				DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	
	SQ. FT.	FT.	FT.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
A	500	130	28'-6"	6.00	0.250	2.50	0.250	2.50	0.188	3.00	0.375	4.00	0.375	2.00	0.220	5.00	0.375	14.00	0.500	W 8 x 58
B	700	100	28'-6"	6.50	0.375	2.50	0.188	2.50	0.188	3.00	0.500	4.00	0.375	2.00	0.220	7.00	0.375	14.00	0.500	
C		130	28'-6"	7.00	0.375	2.50	0.250	2.50	0.188	3.00	0.500	4.00	0.500	2.00	0.220	8.00	0.500	14.00	0.593	
D	900	100	28'-6"	7.00	0.375	2.50	0.250	2.50	0.188	3.00	0.500	4.00	0.500	2.00	0.220	8.00	0.500	18.00	0.500	
E		130	28'-6"	7.00	0.500	2.50	0.250	2.50	0.25	3.00	0.500	4.00	0.500	2.00	0.220	8.00	0.593	18.00	0.562	W 10 x 68

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN BOX TRUSS STRUCTURE
MEMBERS DIMENSIONS

SEPTEMBER 2009

STANDARD DRAWING NO. E 802-SBTS-09

RICHARD L. VanCLEAVE
REGISTERED
No. 9750
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L.VanCleave 09/01/09
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 09/01/09
CHIEF HIGHWAY ENGINEER DATE