DOUBLE ARM CANTILEVER TABLE

Arm Length (FT)	Sign Length (FT)	Sign Width (FT)	STRUCTURE NUMBER	Arm		Pole		Base Plate		Anchor Bolt (IN)	Flange Plate		No Load camber, C (IN)
				Diameter (IN)	Thickness (IN)	Diameter (IN)	Thickness (IN)	B (IN)	T (IN)		Thickness (IN)	Bolt Diameter (IN)	
10	5	5 to 15											
15	5	5 to 10	1	8	0.3125	16	0.4293	23.5	3	3 x 144	2.25	1.5	0.34
15	5	15											
15	10	5 to 14	2	10	0.3125	17	0.4293	25.5	3	3 x 144	2.25	1.5	030
20	5 to 10	5 to 15	3	9.5	0.5	17.5	0.5625	25.5	3	3 x 144	2.25	1.5	058
20	15	5 to 15	4	10.5	0.5	18.5	0.625	26.5	3	3 x 144	2.25	1.5	0.55
25	5	5 to 15	5	10	0.3586	17	0.5	25.5	3	3 x 144	2.75	2	1.13
25	10 to 20	5 to 10	6	10.5	0.5265	19	0.625	27	3	3 x 144	2.75	2	0.99
30	5	5 to 15	7	10.5	0.4293	17.5	0.5625	25.5	3	3 x 144	2.75	2	1.81
30	10	5 to 15	8	13	0.4293	22	0.625	30	3	3 x 144	2.75	2	1.44
30	10	15 to 20	9	13	0.5	22	0.625	30	3	3 x 144	2.75	2	1.49

Structure design is based on octagonal tubular shape with 0.14 inches per foot taper and 33 feet max. pole Height

INDIANA DEPARTMENT OF TRANSPORTATION

DOUBLE ARM CANTILEVER TABLE

SEPTEMBER 2004

STANDARD DRAWING NO. E 802-SNOC-04

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

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-04
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-04
CHIEF HIGHWAY ENGINEER DATE