SINGLE ARM CANTILEVER TABLE													
Max. Sign Area (FT^2)	Arm Length (FT)	STRUCTURE NUMBER	Arm		Pole		Base Plate		Anchor Bolt (IN)	Flange Plate		Foundation Type	No Load camber, C (IN)
			Diameter (IN)	Thickness (IN)	Diameter (IN)	Thickness (IN)	B (IN)	T (IN)		Thickness (IN)	Bolt Diameter (IN)		
72	20	10	14	0.4293	15	0.3586	22	2.5	2.5 x 120	2.25	1.5	II	0.41
72	25	11	15	0.5	15	0.5	22	3	3 x 144	2.75	2	II	0.65
72	30	12	16	0.5625	16	0.5625	23,5	3	3 x 144	2.75	2	II	1.07
15	35	13	13	0.4293	16	0.4293	23.5	3	3 x 144	2.75	2	1	2.42
15	40	14	15	0.5	16	0.4293	23.5	3	3 x 144	2.75	2	1	1.76
15	45	15	17	0.5	18	0.5	25.5	3	3 x 144	2.75	2	1	1.48

Structure design is based on octagonal tubular shape with 0.14 inches per foot taper

INDIANA DEPARTMENT OF TRANSPORTATION

SINGLE ARM CANTILEVER TABLE

MARCH 2004

STANDARD DRAWING NO. E 802-SNOC-03

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

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 3-01-04
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-04
CHIEF HIGHWAY ENGINEER DATE