

SINGLE ARM CANTILEVER TABLE													
Max. Sign Area (FT <sup>2</sup> )	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	I	2.42
15	40	14	15	0.5	16	0.4293	23.5	3	3 x 144	2.75	2	I	1.76
15	45	15	17	0.5	18	0.5	25.5	3	3 x 144	2.75	2	I	1.48

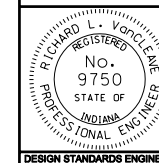
Structure design is based on octagonal tubular shape with 0.14 inches per foot taper

INDIANA DEPARTMENT OF TRANSPORTATION

**SINGLE ARM CANTILEVER  
TABLE**

MARCH 2004

STANDARD DRAWING NO. E 802-SNOC-03



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

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

DESIGN STANDARDS ENGINEER