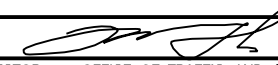



CANTILEVER STRUCTURE BASE PLATE AND ANCHORAGE DATA

POLE SIZE	BASE PLATE TYPE	D	BOLT CIRCLE	T	S	ANCHOR BOLT DIA.	MINIMUM EMBEDMENT LENGTH *	ANCHOR PLATE SIZE	FILLET WELD SIZE (F)
18.00" O.D. x 0.312" THK.	B	33"	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	7/16"
18.00" O.D. x 0.344" THK.	B	33"	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	7/16"
18.00" O.D. x 0.375" THK.	B	33"	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	7/16"
18.00" O.D. x 0.406" THK.	B	33"	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	7/16"
18.00" O.D. x 0.500" THK.	B	33"	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	5/8"
20.00" O.D. x 0.344" THK.	B	36"	27 1/2"	3"	11 1/4"	2 3/4"	6'-0"	3/4" x 36" DIA.	7/16"
20.00" O.D. x 0.375" THK.	B	36"	27 1/2"	3"	11 1/4"	2 3/4"	6'-0"	3/4" x 36" DIA.	7/16"
20.00" O.D. x 0.406" THK.	B	36"	27 1/2"	3"	11 1/4"	2 3/4"	6'-0"	3/4" x 36" DIA.	7/16"
20.00" O.D. x 0.500" THK.	B	36"	27 1/2"	3"	11 1/4"	2 3/4"	6'-0"	3/4" x 36" DIA.	5/8"
24.00" O.D. x 0.312" THK.	C	38"	31"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 38" DIA.	7/16"
24.00" O.D. x 0.344" THK.	C	38"	31"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 38" DIA.	7/16"
24.00" O.D. x 0.375" THK.	C	38"	31"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 38" DIA.	1/2"
24.00" O.D. x 0.406" THK.	C	39 1/2"	32"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 39 1/2" DIA.	1/2"
24.00" O.D. x 0.438" THK.	C	39 1/2"	32"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 39 1/2" DIA.	9/16"
24.00" O.D. x 0.469" THK.	C	39 1/2"	32"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 39 1/2" DIA.	9/16"
24.00" O.D. x 0.500" THK.	C	39 1/2"	32"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 39 1/2" DIA.	5/8"

NOTES:

- * 1. FOR FOUNDATION WITH WING WALLS, REFER TO APPROPRIATE 800 SERIES STANDARD PLATE REGARDING MINIMUM EMBEDMENT LENGTH.
- 2. REFER TO APPROPRIATE 800 SERIES STANDARD PLATE REGARDING ANCHOR BASE DETAILS.

SPECIFICATION 803	CATEGORY CODE ITEMS
APPROVED	 DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
	APPROVAL • SHA REVISIONS
	APPROVAL 8-12-02
	REVISED
	REVISED
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 9-4-02
	REVISED
	REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
CANTILEVER SIGN STRUCTURE
ANCHOR BASE DATA
STANDARD NO. MD 803.05-07