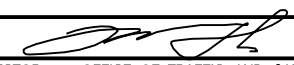



OVERHEAD SIGN BASE PLATE SCHEDULE

TOWER SIZE	BASE TYPE	D	E	BOLT CIRCLE	T	S	ANCHOR BOLT DIA.	MINIMUM EMBEDMENT LENGTH	ANCHOR PLATE SIZE	FILLET WELD SIZE
12.75" O.D. x 0.312" THK.	A	20"	13 1/16"	18 1/2"	2 1/4"	9 1/2"	2 1/4"	5'-0"	3/4" x 20" SO.	7/16"
14.00" O.D. x 0.250" THK.	A	21"	14 1/8"	20"	2 1/4"	9 1/2"	2 1/4"	5'-0"	3/4" x 21" SO.	7/16"
14.00" O.D. x 0.281" THK.	A	21"	14 1/8"	20"	2 1/4"	9 1/2"	2 1/4"	5'-0"	3/4" x 21" SO.	7/16"
14.00" O.D. x 0.312" THK.	A	21"	14 1/8"	20"	2 1/4"	9 1/2"	2 1/4"	5'-0"	3/4" x 21" SO.	7/16"
16.00" O.D. x 0.250" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	3/8"
16.00" O.D. x 0.281" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	3/8"
16.00" O.D. x 0.312" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	7/16"
16.00" O.D. x 0.344" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	1/2"
16.00" O.D. x 0.375" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	1/2"
16.00" O.D. x 0.406" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	1/2"
16.00" O.D. x 0.500" THK.	B	30"	-	23"	2 3/4"	10"	2 1/4"	5'-0"	3/4" x 30" DIA.	5/8"
18.00" O.D. x 0.250" THK.	B	33"	-	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	3/8"
18.00" O.D. x 0.281" THK.	B	33"	-	25 1/2"	3"	10 3/4"	2 1/2"	5'-6"	3/4" x 33" DIA.	3/8"
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.	1/2"
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 0.281" THK.	B	36"	-	27 1/2"	3"	11 1/4"	2 3/4"	6'-0"	3/4" x 36" DIA.	3/8"
20.00" O.D. x 0.312" 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 0.344" 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 0.500" 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.	B	41 1/2"	-	32"	3"	12"	3"	6'-6"	3/4" x 41 1/2" DIA.	7/16"
24.00" O.D. x 0.375" THK.	B	41 1/2"	-	32"	3"	12"	3"	6'-6"	3/4" x 41 1/2" DIA.	7/16"
24.00" O.D. x 0.500" THK.	B	41 1/2"	-	32"	3"	12"	3"	6'-6"	3/4" x 41 1/2" DIA.	5/8"

NOTE:
FOR ANCHOR BASE DETAILS, REFER TO APPROPRIATE 800 SERIES STANDARD PLATE.

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

OVERHEAD SPAN SIGN STRUCTURES
ANCHOR BASE DATA

STANDARD NO. MD 803.08-18