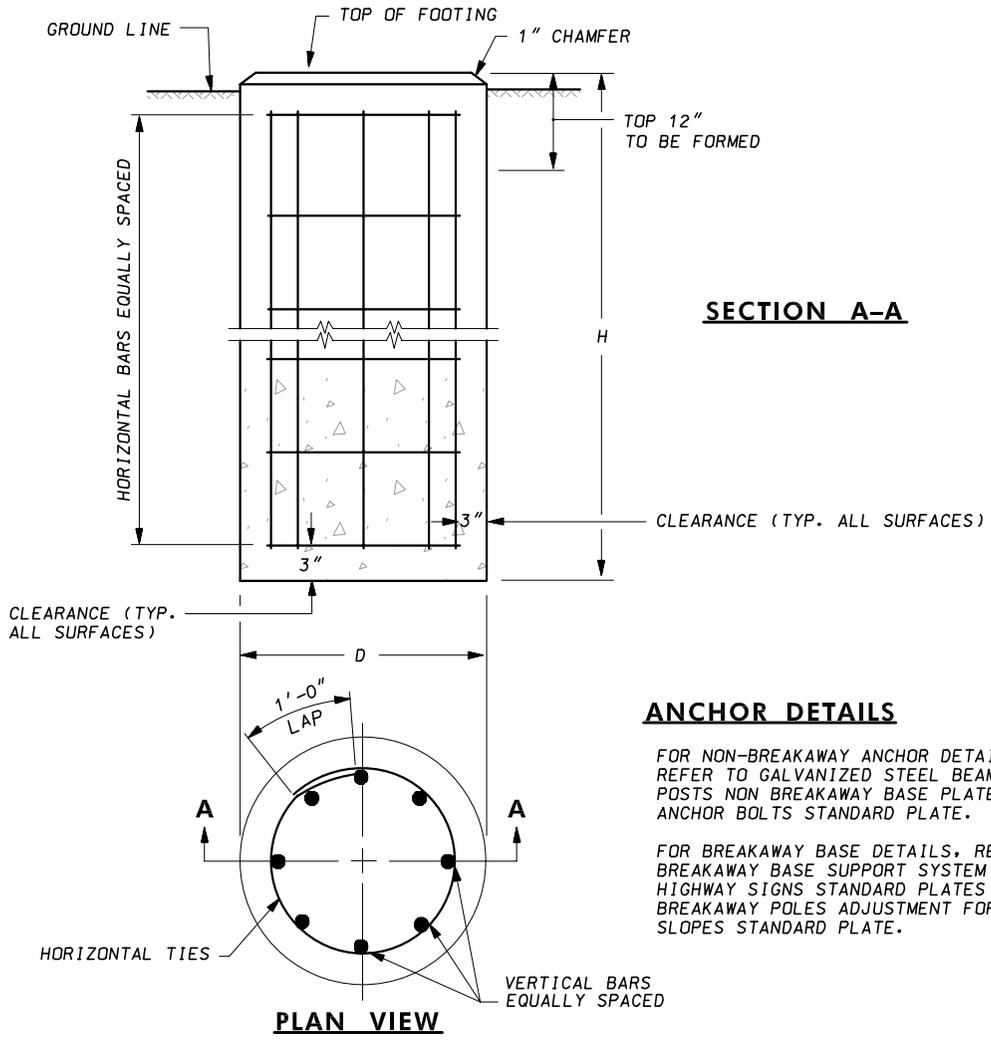


BREAKAWAY AND NON-BREAKAWAY TYPE A SIGN POST FOUNDATIONS



ANCHOR DETAILS

FOR NON-BREAKAWAY ANCHOR DETAILS, REFER TO GALVANIZED STEEL BEAM SIGN POSTS NON BREAKAWAY BASE PLATE AND ANCHOR BOLTS STANDARD PLATE.

FOR BREAKAWAY BASE DETAILS, REFER TO BREAKAWAY BASE SUPPORT SYSTEM FOR HIGHWAY SIGNS STANDARD PLATES AND BREAKAWAY POLES ADJUSTMENT FOR GROUND SLOPES STANDARD PLATE.

FOUNDATION DATA TABLE

POST SIZE	D	H	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	CONCRETE
					REQ'D C.Y.
W6 x 9	30"	6'-0"	EIGHT (8)- NO.7	SEVEN (7)- NO.4	1.1
W6 x 12 OR TS 5"x 5"x 1/4"	30"	6'-0"	EIGHT (8)- NO.7	SEVEN (7)- NO.4	1.1
W6 x 15 OR W6 x 16 OR TS 6"x 6"x 1/4"	30"	6'-6"	EIGHT (8)- NO.7	SEVEN (7)- NO.4	1.2
W8 x 18	30"	7'-6"	EIGHT (8)- NO.9	EIGHT (8)- NO.4	1.4
W8 x 21 OR TS 7"x 7"x 1/4"	30"	8'-0"	EIGHT (8)- NO.9	NINE (9)- NO.4	1.5
W10 x 22 OR TS 8"x 8"x 5/16"	36"	8'-6"	EIGHT (8)- NO.10	NINE (9)- NO.4	2.3
W10 x 26	36"	9'-0"	EIGHT (8)- NO.10	TEN (10)- NO.4	2.4
W12 x 26	36"	10'-0"	EIGHT (8)- NO.10	ELEVEN (11)- NO.4	2.7
W14 x 30	36"	11'-0"	EIGHT (8)- NO.10	TWELVE (12)- NO.4	2.9
W16 x 31	36"	12'-0"	EIGHT (8)- NO.10	THIRTEEN (13)- NO.4	3.2
W18 x 35 OR W18 X 40	36"	13'-0"	EIGHT (8)- NO.10	FOURTEEN (14)- NO.4	3.5
W21 x 44	42"	12'-0"	TWELVE (12)- NO.10	THIRTEEN (13)- NO.4	4.3

SPECIFICATION 801, 802	CATEGORY CODE ITEMS
APPROVED	 DIRECTOR - OFFICE OF TRAFFIC AND SAFETY
	APPROVAL • SHA REVISIONS
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 2-21-95
	REVISD 5-17-07
	REVISD

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
GALVANIZED STEEL BEAM SIGN POSTS
FOUNDATION DETAILS - TYPE A
STANDARD NO. MD 801.04