

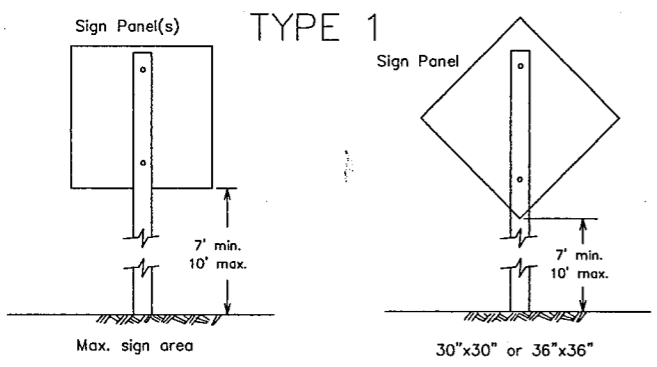
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DN: _____
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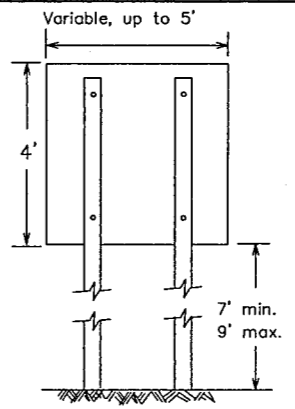
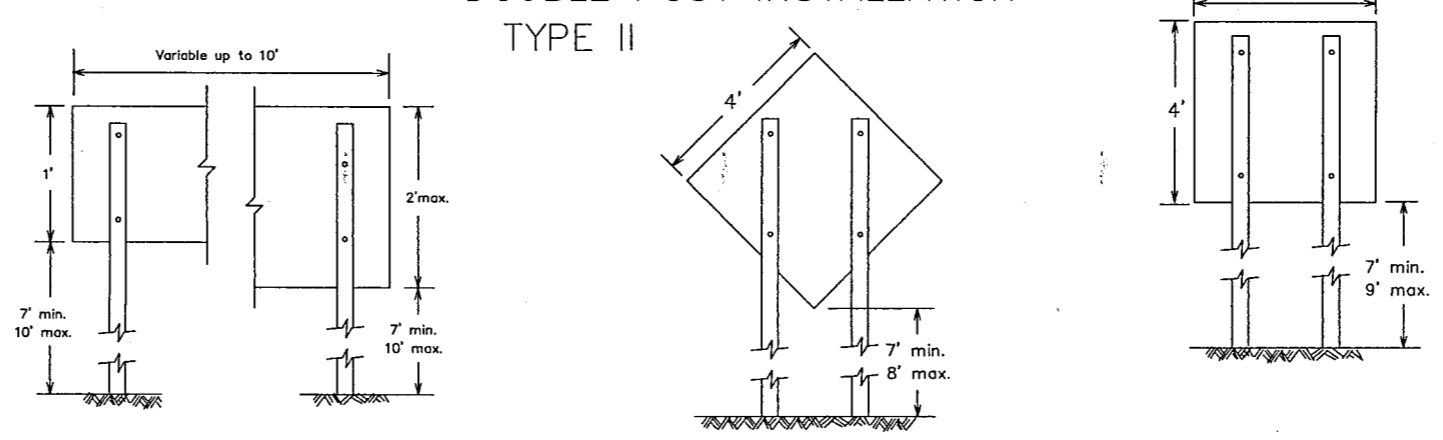
LEVELS DISPLAYED
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 ACC:
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 FILE:
 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

DATE: _____
 ACC: _____
 FILE: _____

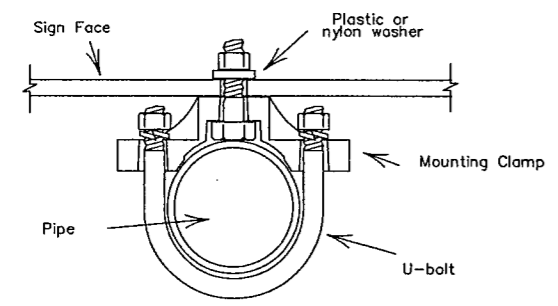
SINGLE POST INSTALLATION



DOUBLE POST INSTALLATION

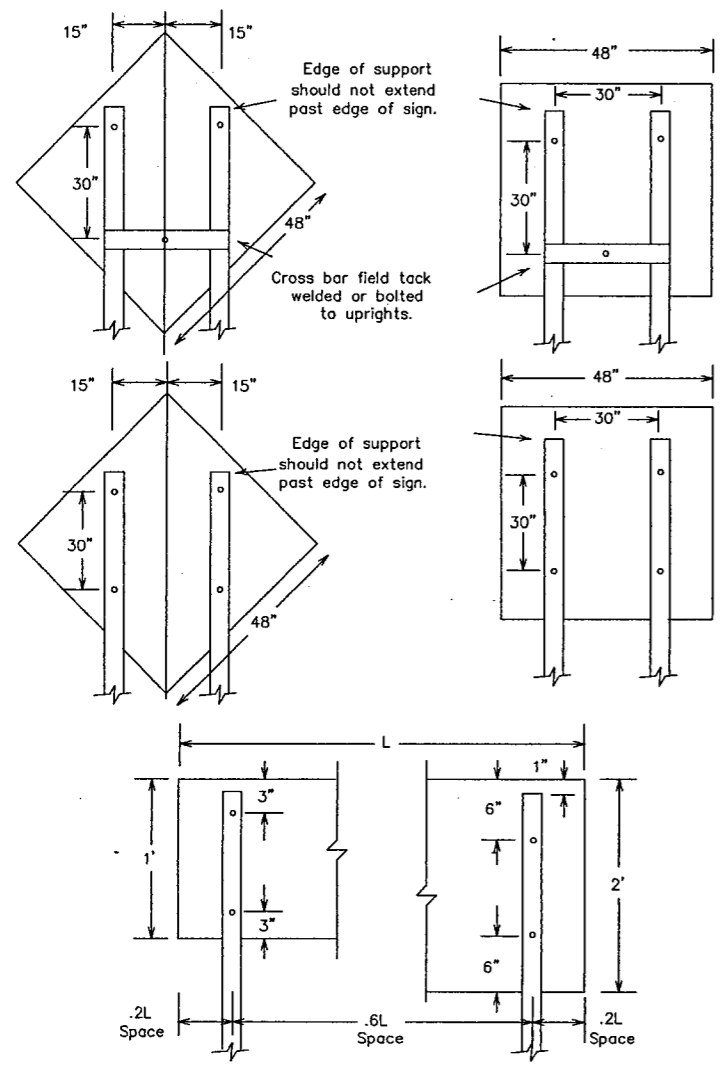


TYPICAL CLAMP DETAIL

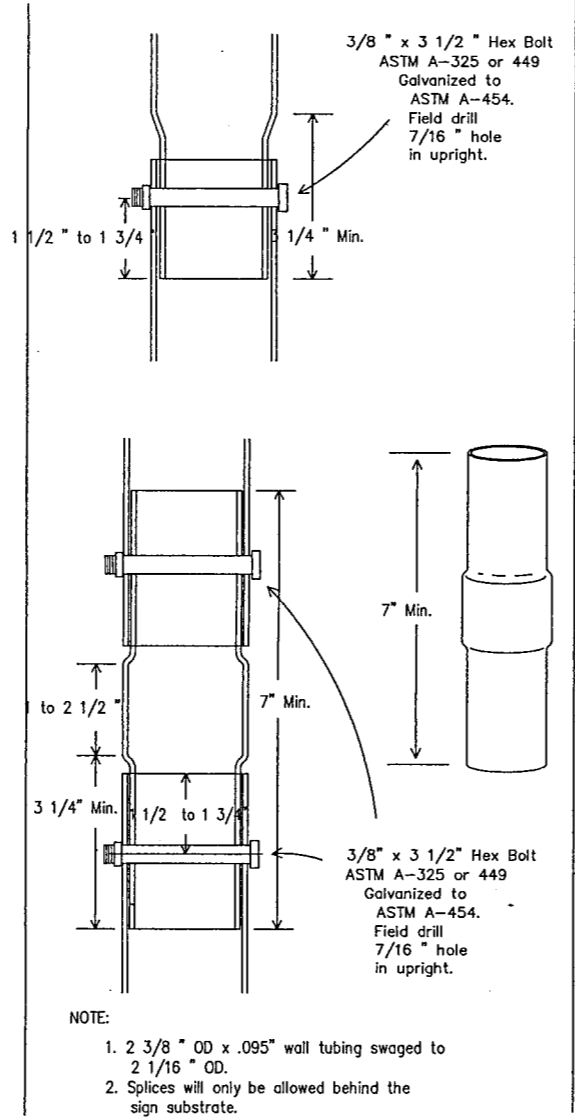


1. This sheet should be used with SMD(1-2) and SMD(1-4).
2. See standard sheet SMD(1-2) and TMUTCD for horizontal and vertical clearances.
3. Type I or Type II supports may be used for various sign combinations and or shapes not to exceed the specified maximum sign area.
4. A cross bar between supports and/or behind sign may be used to prevent supports from leaning in areas of soft soils.
5. Cross bars may be made of winged channel post 1.12#/ft., 2.0#/ft., 2" perforated square metal tubing (12 ga) or other similar material.
6. Educational plaques may be installed below parent signs or single supports for sign areas up to 9 square feet.

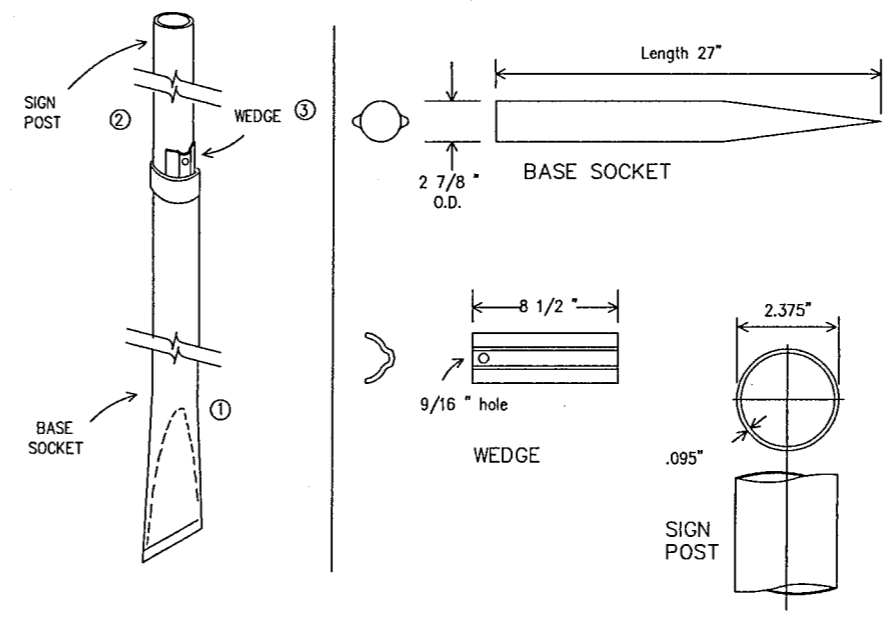
SIGN ATTACHMENT DETAILS



SPLICE TECHNEQUES THIN WALL TUBE



TYPICAL ASSEMBLY

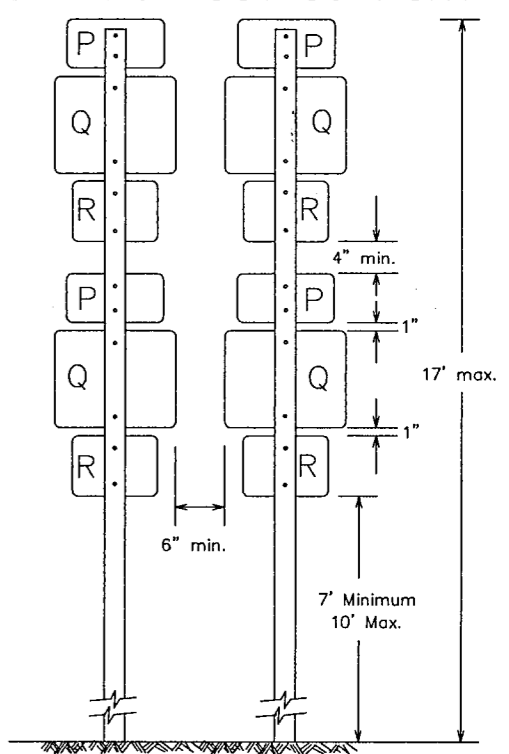


- GENERAL NOTES FOR WEDGE ANCHOR THIN WALL TUBE SIGN SUPPORT:**
1. The BASE SOCKET is formed from 2 7/8" O.D. x 12 gauge galvanized pipe.
 2. The WEDGE is formed from 11 gauge steel galvanized per ASTM A525.
 3. The SIGN POST is 2.375" O.D. x .095" thin wall steel tubing.
 4. Steel Supports shall be made from new material and shall be corrosion resistant. Steel supports shall be galvanized in accordance with ASTM Designations A123 or A525 (G-90 or better).
 5. Supports shall be straight within 1/4 inch per 5 feet of length and shall have a smooth, uniform finish free from defects affecting strength or appearance. Any bolt holes and sheared ends shall be free from burrs. Bases of multisection supports shall not extend more than 5 inches above ground when installed.
 6. Bolts, nuts, screws, washers and other miscellaneous hardware shall be galvanized in accordance to ASTM Designation: A153 Class C or D, or B695 Class 50.

RECOMMENDED ASSEMBLY PROCEDURE

- ① Drive the BASE SOCKET into the ground until the top of BASE SOCKET is approximately flush with ground level. A flanged tool placed on top of the BASE SOCKET may be helpful. BASE SOCKET MUST be driven plumb.
- ② Insert SIGN POST into BASE SOCKET and align the sign face with the roadway.
- ③ Drive the WEDGE between the BASE SOCKET and SIGN POST, thereby locking the SIGN POST inside the BASE SOCKET.

ROUTE MARKER ASSEMBLY FOR TWO POST SUPPORT



- P1 = 24"x12" Cardinal Direction Marker
- Q1 = 24"x24" Interstate, U.S. or State Route Marker
- Q2 = 30"x24" Interstate or U.S. Route Marker
- R = 21"x15" Direction Arrow
- P2 = 30"x15" Cardinal Direction Marker
- Q3 = 36"x36" (2) digit Interstate Route Marker
- Q4 = 45"x36" (3) digit Interstate Route Marker

EQUIV. SIGN AREA SQ.FT.	EQUIV. SIGN AREA SQ.FT.
P1 = 1	P2 = 3
Q1 = 3	Q3 = 6
Q2 = 4	Q4 = 7
R = 1	

TYPICAL MARKER COMBINATIONS FOR EACH SUPPORT	EQUIV. AREA
2P1 + 2Q1 + 2R	10 sq.ft.
P1 + 2Q1 + 2R	9 sq.ft.
2Q1 + 2P1	8 sq.ft.
Q1 + R	4 sq.ft.
P2 + Q3	9 sq.ft.
P1 + Q1 + R	5 sq.ft.
P2 + Q4	10 sq.ft.

STANDARD PLANS
 TEXAS DEPARTMENT OF TRANSPORTATION
 Traffic Operations Division

**SIGN MOUNTING DETAILS
 SMALL ROADSIDE SIGNS**

SMD(1-5)-98

© TxDOT August 1995	DN-LR	CK-JDM	DR-FDN	QC-DTN	REV NO.
REVISIONS	DATE	BY	CHKD	APP'D	SHEET
1-97	DALLAS	6		CM 97 (449)	80
12-98					
1-99					
	COUNTY	CONTROL	SECTION	JOB	HIGHWAY
	DALLAS	8050	18	034	BELT LINE