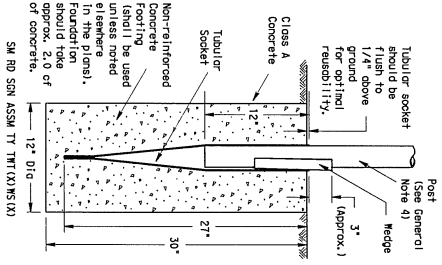
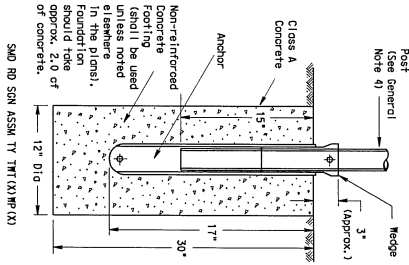


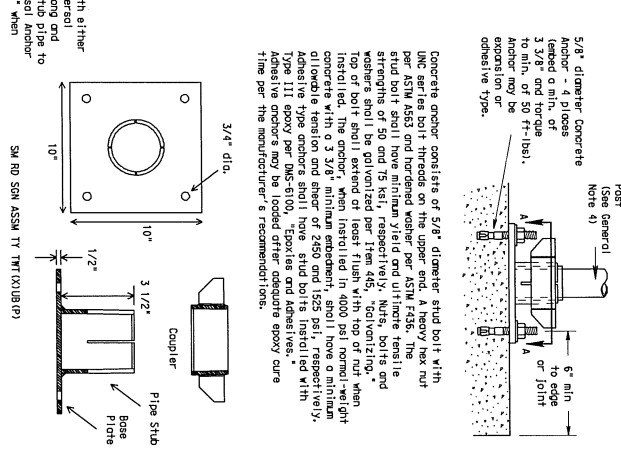
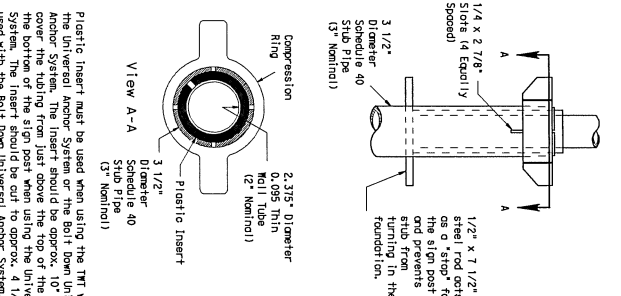
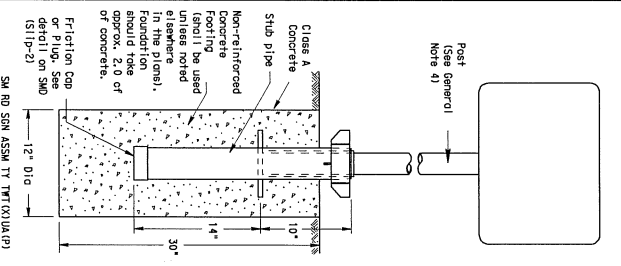
Wedge Anchor Steel System



Wedge Anchor High Density Polyethylene (HDPE) System

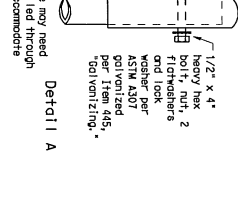
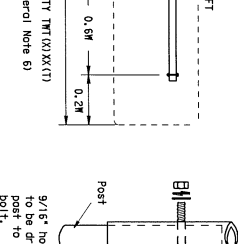
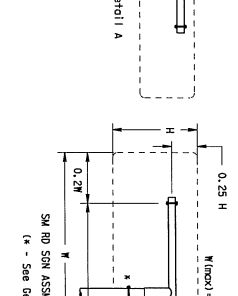
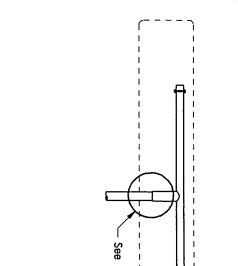


Universal Anchor System with Thin-Walled Tubing Post



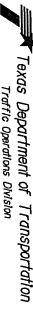
- GENERAL NOTES:
- The Wedge Anchor System and the Universal Anchor System with thin wall tubing post may be used to support up and/or preferential T-Brocket should be permanently marked to indicate manufacturer, method, design, and location of marking are subject to the approval of the TxDOT Traffic Standards Engineer.
 - Except for posts 113 B9G tubing, clamps, nuts and bolts, all components shall be prequalified. A list of prequalified vendors may be obtained from the Motorist Information/Service/Assistance/Procedure (MISAP) website.
 - Material used on post with this system shall conform to the following specifications:
 - 13 B9G Tubing (2.315\"/>
 - Other steels may be used if they meet the following:
 - 55,000 PSI minimum tensile strength
 - 18,000 PSI minimum yield strength
 - Minimum elongation in 2\"/>
 - Sign blanks shall be the size and shape shown on the plans.
 - Sign blank shall be within the range of .083\"/>
 - Sign supports shall not be spliced except where shown. Sign support posts shall not be spliced.
 - See the Traffic Operations Division website for detailed drawings of sign clamps and Wedge Anchor System components, the website address is: www.txdot.gov/traffic/signs/signs.htm
 - See the Traffic Operations Division website for detailed drawings of sign clamps and Wedge Anchor System components.
 - 0.10\"/>
 - Foundation shall be a minimum depth of 18\"/>
 - Foundation shall extend in the solid rock of depth of 18\"/>
 - Any material removed from the socket/stub shall be from the bottom and the clearance requirement given on SMD(GEN) must be followed. The inner surface of the socket/stub must remain free of concrete or other debris.
 - The Engineer may permit concrete (see Note 4) to be placed in the hole to a depth of 0.5 cubic yards, provided in a suitable condition, may be allowed by Engineer. Place concrete into hole until it is approximately flush with the ground. Concrete shall be Class A.
 - Insert tubular socket into concrete until top of socket is approximately 1/4\"/>
 - Cover the concrete footing.
 - Place concrete to a minimum 4\"/>
 - Insert the sign post into socket and align sign face with roadway.
 - Drive the wedge into the socket to secure post. This will leave approximately 1\"/>

Sign Installation Using a Predrilled T-Brocket for Thin-Wall Tubing Post



DATE: _____
FILE: _____

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.


Texas Department of Transportation
Traffic Operations Division

SIGN MOUNTING DETAILS
SMALL ROADSIDE SIGNS
WEDGE & UNIVERSAL ANCHOR
WITH THIN WALL TUBING POST
SMD(TWT) - 08

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9-08	REV. 03/13/02	REV. 03/13/02	REV. 03/13/02
DESIGN	DESIGN	DESIGN	DESIGN
CHECK	CHECK	CHECK	CHECK
DATE	DATE	DATE	DATE
BY	BY	BY	BY
DATE	DATE	DATE	DATE