

QPL 33 MASH OR NCHRP-350 TL-3 APPROVED SIGN POST HARDWARE

SECTION A: SMALL ROADSIDE SIGN SUPPORTS FOR USE IN STANDARD DRAWINGS

PROCEDURES

GENERAL

This evaluation procedure outlines the Department's approval process for Small Breakaway Roadside Sign Supports consisting of fracture or slip base systems.

SPECIFICATIONS

Tennessee Department of Transportation Roadway Standard Drawings Library
AASHTO Roadside Design Guide (See Chapter 4)
AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals

PROCEDURES

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information including the FHWA Eligibility Letter stating that the product meets TL-3 criteria under either NCHRP-350 or MASH guidelines and a sample of the product being tested must be submitted to the Division of Materials and Tests. A field demonstration may also be required at the Department's discretion.

The products for each of the sections have been pre-qualified for use. The products on this list must meet the material requirements set forth in the standard drawings. Upon any change of the product the manufacturer must submit the changes for approval and placement on the Qualified Products List.

SECTION A: SMALL ROADSIDE SIGN SUPPORTS FOR USE IN STANDARD DRAWINGS

(CONT.)

Items Numbers

(T-S-23A) MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
713.11.21 P POST SLIP BASE EACH
(T-S-23B) MULTI-DIRECTIONAL SLIP BASE BREAKAWAY STRUCTURAL PIPE SIGN SUPPORT

713.11.23	ROUND POST SLIP BASE	EACH
(T-S-23C)	BREAKAWAY POST SIGN SUPPORTS	
713.11.22	U POST SLIP BASE	EACH
713.11.04	SURFACE MOUNT BREAKAWAY BASE FOR SIGN POST	EACH
(T-S-12)	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, SQUARE TUBES	
713.30.10	SQUARE TUBE SIGN SUPPORT	LB
(T-S-17)	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE	
713.11.XX		
(T-S-21)	DETAILS FOR SIGNS MOUNTED ON CONCRETE MEDIAN BARRIERS	
713-30.09	BARRIER MOUNTED SIGN SUPPORT (DESCRIPTION)	EACH
713-30.10	BARRIER MOUNTED SIGN SUPPORT (DESCRIPTION)	EACH

(T-S-23A) MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT

**LIST 33. SECTION A: (T-S-23A) MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
ITEM NUMBER 713-11.21**

(T-S-23B) MULTI-DIRECTIONAL SLIP BASE BREAKAWAY STRUCTURAL PIPE SIGN SUPPORT

**LIST 33. SECTION A: (T-S-23B) MULTI-DIRECTIONAL SLIP BASE BREAKAWAY STRUCTURAL PIPE SIGN SUPPORT
ITEM NUMBER 713-11.23**

(T-S-23C) BREAKAWAY U-POST SIGN SUPPORTS

**LIST 33. SECTION A: (T-S-23C) BREAKAWAY U-POST SIGN SUPPORTS
ITEM NUMBER 713-11.22**

(T-S-12) STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, SQUARE TUBES

**LIST 33. SECTION A: (T-S-12) STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, SQUARE TUBES
ITEM NUMBER 713-11.XX**

(T-S-17) STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE

**LIST 33. SECTION A: (T-S-17) STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
ITEM NUMBER 713-11.XX**

(T-S-21) DETAILS FOR SIGNS MOUNTED ON CONCRETE MEDIAN BARRIERS

**LIST 33. SECTION A: (T-S-21) DETAILS FOR SIGNS MOUNTED ON CONCRETE
MEDIAN BARRIERS**

ITEM NUMBERS 713-30.09 AND 713-30.10

**SECTION B: LARGE ROADSIDE SIGN SUPPORTS FOR USE IN
STANDARD DRAWINGS**

PROCEDURES

GENERAL

This evaluation procedure outlines the Department's approval process for Small Breakaway Roadside Sign Supports consisting of fracture or slip base systems.

SPECIFICATIONS

Tennessee Department of Transportation Roadway Standard Drawings Library
AASHTO Roadside Design Guide (See Chapter 4)
AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals

PROCEDURES

A completed Product Evaluation Form, MSDS sheets, if applicable, product data information including the FHWA Eligibility Letter stating that the product meets TL-3 criteria under either NCHRP-350 or MASH guidelines and a sample of the product being tested must be submitted to the Division of Materials and Tests. A field demonstration may also be required at the Department's discretion.

The products for each of the sections have been pre-qualified for use. The products on this list must meet the material requirements set forth in the standard drawings. Upon any change of the product the manufacturer must submit the changes for approval and placement on the Qualified Products List.

**(T-S-13) STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE
POST FOOTING DETAILS, I-BEAMS**

**LIST 33. SECTION B: (T-S-13) STANDARD STEEL GROUND MOUNTED SIGNS,
BREAK-AWAY TYPE POST FOOTING DETAILS, I-BEAMS**

**(T-S-14) STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE
POST FOOTING DETAILS, WF-BEAMS**

**LIST 33. SECTION B: (T-S-13) STANDARD STEEL GROUND MOUNTED SIGNS,
BREAK-AWAY TYPE POST FOOTING DETAILS, WF-BEAMS**

