



Signed by:

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OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS:

(5-20-25)

Description

Furnish and install omni-directional breakaway sign supports that allow for sign panel orientation after the anchor is secured. Omni-directional breakaway sign supports shall provide 100% of the sign post's strength capacity for wind loading in accordance with *AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*, and the Interim Specifications. Install omni-directional breakaway sign supports in accordance with Section 903 of the *Standard Specifications* and this special provision.

Materials

Ensure the omni-directional breakaway sign support meets NCHRP 350 or MASH, based on the federal safety evaluation for the current design, crashworthiness criteria. All components, except the shearing component, must be reusable after impact.

Construction Methods

Ensure sign support bases are compatible with the omni-directional breakaway system. Mount sign support bases using a direct drive soil anchor, embedded flush mounting or surface mounting. Adhesive mounting is not permitted. Install U-channel or square tube supports in accordance with Section 903 and 1094 of the *Standard Specifications*. Square tube sign supports may be perforated. Use compatible hardware and supports to maintain crashworthiness and strength in accordance with NCHRP 350 or MASH, based on the federal safety evaluation for the current design.

Measurement and Payment

Supports, Omni-Directional Breakaway will be measured and paid as the actual number of omni-directional breakaway sign supports installed and accepted.

Supports, 3-lb Steel U-Channel, Supports, 2-lb Steel U-Channel, Supports, Steel Square Tube will be measured and paid in accordance with Article 903-4 of the *Standard Specifications*.

Payment will be made under:

Pay Item

Supports, Omni-Directional Breakaway

Pay Unit

Each