

7000000 HIGHWAY SIGNING
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (7-18-22 Industry)

Consider separating the second paragraph into two:

For flip signs, use continuous hinges constructed of ANSI grade 316 stainless steel.

For In-Street signs, see 700-7.

<p>ANSI grade 316.</p> <p>700-2.1.1 Static Sign Panels: Provide aluminum sheets for sign panels meeting the requirements of Section 965 and Section 994. Meet the minimum thickness requirements of Table 700-1.</p> <p>For flip signs, use continuous hinges constructed of ANSI grade 316 stainless steel. See 700-7 for In-Street sign requirements.</p>
Table 700-1

Response: (8-4-22 Specifications Office)

Agree, language was revised.

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Comments: (8-2-22 Industry)

Sign Support Structure should have its own section (700-3)

Section 700-2-3 also needs to include Steel Single Column on Median Barrier (Index 700-013).

<p>700-2.3 Sign Support Structure:</p> <p>700-2.3.1 Single Column Ground Signs and Single Post Barrier Mounted Signs: Use aluminum tubing meeting the requirements of Section 965. For top-mounted single post barrier mounted signs use galvanized steel pipe meeting the requirements of Section 962. Steel shapes and welding must meet 962-10.</p> <p>700-2.3.2 Multi-Column Ground Signs: Multi-column signs must be galvanized steel W or S beams steel columns meeting Section 962.</p> <p>700-2.3.3. Overhead Signs: Obtain overhead sign structures from a facility that is listed on the Department's Production Facility Listing. Producers seeking inclusion on the list shall meet the requirements of Section 105.</p> <p>Meet the requirements for overhead signs in accordance with Section 962.</p> <p>Repair galvanized surfaces in accordance with Section 562. Galvanizing materials used for repair must meet the requirements of Section 975.</p> <p>700-2.3.4 Enhanced Highway Sign Assemblies: Use aluminum pedestal posts, transformer bases, anchors, caps, and shims meeting the requirements of Section 646.</p> <p>700-1.3 Sign Fabrication Requirements: Obtain overhead sign structures from a facility that is listed on the Department's Production Facility Listing. Producers seeking inclusion on the list shall meet the requirements of Section 105.</p>
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700-3 contains numerous support structure information that should be combined with 700-2-3. 700-3 does not mention Steel Single Column on Median Barrier (Index 700-013).

Response: Materials for Sign Support Structures are covered in Section 700-2.3 and Sections 700-3.1 and 700-3.3 covers fabrication and installation. Standard Plans Index 700-013 is

covered in Section 700-2.3.1 with the reference to “Single Post Barrier Mounted”. Section 700-2.3.1 was revised to be less exclusive to what Indexes are covered.

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Comments: (8-4-22)

I do not recommend installing the reflective strip directly to the round sign post, simply because the 2” reflective surface loses it’s reflective impact when applied to the cylindrical post. The FHWA Techbribe that justified the use of adding a strip of retroreflective material to a sign used 2” flat panel attached to sign post channel, not a round post. See link. I would recommend using U-Clamps to attach the flat aluminum panel with reflective strip to our round sign posts.

<https://www.fhwa.dot.gov/publications/research/safety/22066/22066.pdf>

Response: (8-4-22 Daniel Strickland, State Specifications Engineer)

Agree, language was revised.
