

9930202 Object Markers and Delineators – Flexible Post Delineators
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Barry Smith
850-414-4776

Comment: (6-3-10) Although not listed here, the very first sentence of the spec (972-1) says that all recycled products used shall be included on the QPL. Looking at just this spec it would lead one to believe that any recycled plastic product has to be on the QPL.

Response:

Barry Smith
850-414-4776

Comments: (6-3-10) 993-2.2.4 Heat resistance, conditioning: 140F plus or minus 30 degrees. Should this be 3 degrees?

Response:

Alan Lafferty
mailto:gulf7@embarqmail.com

Comments: (6-16-10) Section 993-2.2.1 The post shall have a minimum width of 3 inches facing traffic and of such length to generally provide a height of 48” above the pavement surface. A high performance Delineator (section 993-2.5.1 has a minimum dimension of 2 inches. There should be correlation between the two, allow a minimum of 2 inches for the “Flexible Post Delineator”. The specification also references a minimum width of 3 inches. There are currently flat and rounded top delineators installed in accordance with this specification. Is it the Departments intent to allow delineators that are flat at the top?

Response:

Alan Lafferty
mailto:gulf7@embarqmail.com

Comments: (6-16-10) Section 993-2.2.6 Post shall be tested and evaluated according to the National Testing Product Evaluation Program (NTPEP) Project Work Plan for Field Evaluation of Flexible Surface Mounted Delineator Posts. A temperature of 65°F or greater may be used in lieu of the NTPEP temperature requirements. Posts shall be capable of returning to a vertical position plus or minus 5 degrees with no delaminating, and one post may list no more than 10 degrees. No post shall split, crack, break, or separate from base.

What happens if the NTPEP work plan is revised does each manufacturer have to re-test? The Department chose to require 50 impacts in accordance with the NTPEP work plan, why not require 25 impacts in lieu of the 10 impacts currently used in the NTPEP work plan for section 993-2.2.6. It is apparent a metal delineator post will take only 1 impact so in light of removing the recycled plastic requirement the post will be less subjective to impacts and the Department can therefore increase the impact requirements.

Response:

Kevin Hardy
512-966-9198
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Comments: (6-16-10)

We would like to address concerns we have with the following subarticles: 993-2.2.4 Heat Resistance 993-2.2.5 Cold Resistance – The Shur-Tite delineator posts flex point is at the bottom of the post where the post is connected to the ground anchor with a flexible joint. This flexible joint absorbs the impact and enables the Shur-Tite delineator to take multiple impacts. This design has proven to be superior to delineator posts that flex in the middle. We are asking FDOT to reconsider this specification as it does not apply to a delineator whose flex point is not in the post itself but is in a flexible joint that is used to connect the delineator post to the ground anchor. Our concern is not that our product will hold up under extreme temperatures but that the design of our delineator’s flex point is not in the post.

Response:

Dale Wheeler
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Comments: (6-28-10) (993-2.2.1 Dimensions) How much of the post facing traffic shall be 3"? (Top 10" to 15" or the entire post)

Response: