



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
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JOSÉ ABREU
SECRETARY

MEMORANDUM

DATE: March 3, 2005

TO: Specification Review Distribution List

FROM: Duane F. Brautigam, P.E., State Specifications Engineer

SUBJECT: **Proposed Specifications Change: 5360030-Guardrail-Setting Posts**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Guardrail-Setting Posts.

This change was proposed by Tim Lattner of the State Construction Office to specify requirements for the installation of wood and steel posts in asphalt concrete.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after March 31, 2005 may not be considered. Your input is encouraged.

DFB/sh

Attachment

COMMENTS:

Submitted by:

Phone #:

**GUARDRAIL-SETTING POSTS.
(REV 2-25-05)**

ARTICLE 536-3 (Page 609) is deleted and the following substituted:

536-3 Setting Posts.

Set standard length posts vertically to the depth shown in the Design Standards. Set special length posts vertically to the depth shown in the plans. Align and realign posts as necessary, until final acceptance. Where the posts are not set in concrete or mounted on structures, backfill the post holes with suitable thoroughly tamped material. As an alternate method, the Contractor may use a post-driving machine, meeting the approval of the Engineer and capable of driving the posts without damaging them.

For guardrail post replacement, backfill and compact the existing hole prior to setting the new post.

If driving wood posts ~~through asphalt pavement~~, the Contractor may either block out holes in the asphalt for the posts during the asphalt paving operation or cut holes through the asphalt mat prior to the post installation. Either block-out or cut holes through through the asphalt an area that is at least 50% larger than the area of the post being driven. After completing installation-driving of the posts ~~and compaction of the backfill material~~, patch the area of asphalt around each post with fresh hot bituminous mixture.

If driving steel posts ~~through asphalt pavement~~, ~~the Contractor may drive the post directly through the asphalt mat.~~ Fill depressions or cracks in a manner meeting the approval of the Engineer, with fresh, hot bituminous mixture.

For either wooden or steel post locations, ~~If existing conditions contain in which rock, concrete or asphalt thicker than two2 inches [50 mm] exist, this material shall be removed such material and backfilled~~ with suitable material, thoroughly tamped material, as detailed in the Design Standards.