

536 GUARDRAIL.

(REV 4-11-05) (FA 4-13-05) (1-06)

SUBARTICLE 536-2.5 (Page 609) is deleted and the following substituted:

536-2.5 Reflector Elements: Mount reflectors onto the guardrail in accordance with the details shown in the plans and the Design Standards. Provide reflectors that meet the requirements of 993-5.

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 timber posts, 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. Blocked out holes or cut holes in the asphalt pavement shall be at least 50% larger than the sectional area of the timber post. After completing driving of the posts patch the area of asphalt around each post with fresh hot bituminous mixture.

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

For either timber or steel post locations, in which rock, concrete or asphalt thicker than 2 inches [50 mm] exist, remove such material and backfill with suitable material, thoroughly tamped as detailed in the Design Standards.