

## Chapter 4

### Roadway Safety

The following are changes, additions or deletions to the January 2003, Topic #625-000-007, Plans Preparation Manual (PPM) - English, for use on Turnpike projects only:

#### 4.4.4 Median Barrier Grading Requirements

*Add this Section*

The most desirable median slope is one that is relatively flat with slopes at 1:10 or less in lieu of the standard 1:6 median typical section slopes. The slopes ahead and in front of guardrail installation are particularly critical on the older/narrow medians of 40 feet or less in width (see AASHTO Roadside Design Guide). In most cases, regrading will require the median ditch profile to be realigned horizontally and vertically. Therefore, drainage and earthwork in these areas need special attention in developing the typical sections and drainage profiles.

#### 4.5.4 Shop Drawings

*Add this Section*

Normally shop drawings are not required unless called for in the plans. When shop drawings are submitted, the Contractor shall indicate the plan sheet number, station and offset, and design speed for each location and barrier type.