

Chapter 1

Design Controls

The following are changes, additions or deletions to the January 2014, Topic #625-000-007, Plans Preparation Manual (PPM), for use on Turnpike projects only.

1.5 RRR Design

Add the following section

1.5.1 Turnpike Resurfacing, Restoration and Rehabilitation (RRR) Design

Florida's Turnpike Enterprise resurfacing design criteria shall follow the modifications shown in Chapter 25 of the TPPPH. All facilities shall be designed to new design criteria.

1.9.1 Design Speed Coordination and Approvals

Add the following paragraph

All Turnpike Interstate Facilities will follow Table 1.9.2 (70 MPH minimum design speed) with the following exceptions.

1. HEFT from Milepost 0 to Milepost 27.5 is classified as an Urbanized Freeway and will have a design speed of 65 MPH in accordance to AASHTO design criteria, for horizontal and vertical curve length and stopping sight distance, with the exception of K-Values for crest vertical curves that shall meet or exceed the more stringent FDOT 60 MPH criteria. All other design elements shall conform to FDOT criteria.
2. Veteran's Expressway from Milepost 1.54 to Milepost 13.57 will have a design speed of 60 MPH.
3. Polk Parkway from Milepost 0 to Milepost 12.7 will have a design speed of 65 MPH.

Add the following section

1.13 Turnpike Design Controls

1.13.1 Use of "Interstate" vs. "Freeway Other" vs. "Non Interstate" Criteria

Unless approved by the Turnpike Design Engineer, the Turnpike System should be designed to "Interstate" Standards with the following exceptions.

1. Veteran's Expressway from Milepost 1.54 to Milepost 13.57 is classified as an Urbanized Principal Arterial – Other Freeways and Expressways.