Summary of Updates for the 2027 Flexible Pavement Design Manual

Chapter 2: Definitions

- **Section 2.3**
  - Added definition for Toll Loop Pavement Area. The Turnpike's General Tolling Requirements (**GTR**) is being incorporated into other existing documents, including the Pavement Design Manuals. As part of that effort, this definition is added to Chapter 2.

Chapter 4: Friction Course Policy

- **Section 4.2, Table 4.1, Section 4.4, & Section 4.5**
  - Added details about using FC-12.5 (PG 76-22) within the limits of Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.
- **Section 4.6 & Section 4.6.1**
  - Updated to include design-related information for HFST from the Developmental Specification, which is now becoming a Standard Specification.

Chapter 5: Pavement Thickness Design Process for New Construction or Reconstruction

- **Section 5.2.3**
  - Updated reference from "FDOT Soils and Foundations Handbook" to "FDOT Geotechnical Design Manual." New manual will replace the handbook.
- **Section 5.4**
  - Minor clean-up of text that was labeled as "Example" but should have been presented as regular text.
  - Added statement about using PG 76-22 in the top lift of SP in Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.
- **Table 5.5**
  - Added minimum structural course & base group requirements for Toll Loop Pavement Areas for mainline & ramps. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals. Also added a clarification note regarding the thicknesses identified in these unique areas.

- **Sections 5.5.1 & 5.5.2**
    - Example problems updated to correct an error.
- **Section 5.6.2**
    - Added statement about the top of pavement base being at the same elevation as the top of the base on the approach and departure of Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.
- **Section 5.6.4**
    - Added statement about the structural asphalt thickness being at least as thick as the approach/departure roadway structural thicknesses in the Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.

Chapter 7: Pavement Thickness Design Process for Rehabilitation Projects

- **Section 7.8.8**
    - New section added to address specific milling and resurfacing requirements for Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.

Chapter 8: Shoulder Design

- **Section 8.1**
    - Added language for shoulders in Toll Loop Pavement Areas to match the full depth pavement design of the Toll Loop Lane. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.