Summary of Updates for the 2027 Rigid 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 3: Pavement Thickness Design Process for New Construction

- **Section 3.6**
    - Added details regarding pavements within the limits of Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.

Chapter 5: Joint Details

- **Section 5.1**
    - Added details regarding pavements within the limits of Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.

Chapter 6: Shoulder Design

- **Section 6.1.1**
    - New section added to address specific shoulder requirements for Toll Loop Pavement Areas. This is part of the effort to incorporate the **GTR** into the Pavement Design Manuals.

Chapter 10: Concrete Pavement Rehabilitation (CPR)

- **Section 10.1**
    - Relocated the paragraph that was in 10.2 regarding the Standard Plans and specifying locations of pavement repair in the plan set. Since this statement applies to all types of concrete pavement rehabilitation (not just slab replacement), it should be under the "General" section. Also added "quantified" to the last sentence for additional clarification that any rehabilitation treatment, whether it's simply cleaning and resealing joints or

slab replacement, must be clearly identified and quantified in the contract plans.

- **Section 10.2**
    - Added clarifying language from the Joint Details chapter (Chof the Rigid Pavement Design Manual that also applies to this section on slab replacement. In the event that a design engineer only looks to Chapter 10 for their slab rehabilitation project, they will see the same guidance on
- **Section 10.7 & 10.7.1**
    - Added this section to address High Friction Surface Treatment, which is transitioning from being a Developmental Specification to a Standard Specification. Some design-related information from the Dev Spec needed to be added to the Rigid Manual.