Index 353-001 Concrete Slab Replacement

Design Criteria

Rigid Pavement Design Manual (***RPDM***), ***FDOT Standard Specifications***

Design Assumptions and Limitations

The figures shown in this Index include standard details of different concrete slab replacement scenarios; however, there are several project-specific details that must be included in the contract plans. Slab repair or replacement type (e.g., clean & seal joints, clean & seal cracks, full replacement, partial replacement) and locations must be detailed in the plans. Additionally, crack and joint cleaning and sealing associated with repair or replacement must also be identified and quantified separately in the plans.

Refer to ***RPDM***, ***Section 10.2*** for additional details and considerations for the design of slab replacement projects.

FDOT Standard Specifications, ***Section 353*** provides construction requirements for concrete slab replacement. Note that ***FDOT Standard Specifications***, ***Section 353-9*** refers to ***Section 350*** for cleaning and sealing of joints. To clarify, this reference to ***Section 350*** also applies to existing cracks that are identified in the contract plans to be cleaned and sealed as part of a rehabilitation project.

Plan Content Requirements

Detail the location, type, and dimensions of concrete pavement slab repair and/or replacement in the Plan View of the contract plans. Ensure that all cracks and joints to be cleaned and sealed are identified and quantified in the contract plans.

Payment

Item number	Item Description	Unit Measure
353-70	Concrete Pavement Slab Replacement	CY
350-5	Cleaning and Sealing Joints (New and Existing Pavement)	LF
350-6	Cleaning and Sealing Random Cracks	LF

See the ***BOE*** and ***Specification 353*** for additional information on payment, pay item use and compensation.