Index 353-001 Concrete Slab Replacement

Design Criteria

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

Design Assumptions and Limitations

Slab replacement includes partial slab, full slab, and multiple slab replacement. The purpose of slab replacement is to replace shattered or severely broken slabs.

Types of slab replacement include:

- Full slab replacement, which includes the slab from joint to joint.
- Multiple slab replacement, which includes several connecting, slabs.
- Partial slab replacement, which includes slabs where a part of the slab has disintegrated, joints have spalled significantly or the corners have cracked.

Per ***RPDM***, ***Section 10.2***, the minimum recommended dimensions for full depth repair are 12-ft wide (or full lane width) by 6-ft long. Temporary Traffic Control Plans must address any removed slabs that are to remain open overnight. Coordinate with the District Construction and District Materials offices when slabs are to remain open overnight.

FDOT Standard Specifications, ***Section 353*** provides construction requirements for concrete slab replacement.

Plan Content Requirements

Specific locations and type of pavement repair should be shown on the 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

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