

Flexible Pavement Design Manual Updates for 2024

Chapters 4 & 5

- Various locations in these two chapters have been updated to allow 9.5 mm mixtures (SP-9.5 and FC-9.5) to be used in Traffic Level E (TL-E) operations, as long as the mix is placed at a 1.5-inch thickness. This change is based on recently-completed research that showed equivalent or better rutting and cracking performance for Superpave 9.5 mm mixtures compared to 12.5 mm mixtures. This change has already been implemented in the FDOT Standard Specifications, and the updates to the Flexible Pavement Design Manual will provide consistency between the documents. Specific locations in the Flexible Pavement Design Manual that have been updated for this change are as follows:
 - Section 4.1, Section 5.4, Section 5.6.6, Table 5.10, Table 5.11

Chapter 7

- New Section: *7.5.7 Construction Considerations*
- New language is proposed to address construction considerations in milling and resurfacing projects. The language was developed in coordination with the FDOT State Construction Office staff and is based on industry feedback. This new section is not introducing new criteria or requirements. It is meant to be helpful guidance to produce better pavement designs that result in construction efficiency.