

## ***2023 FDOT Drainage Manual***

For review by the Chief Engineer

### **Summary of the Revisions:**

The **2023 FDOT Drainage Manual** was updated to keep information and policies up to date, and general cleanup.

The intent of the proposed changes is to address the following items:

- Provide consistency within ***Drainage Manual***
- Update outdated tables, references, and web links
- Clarifications as requested by District Drainage Engineers
- Incorporated information from the Turnpike Supplement to the Drainage Manual

### **1. Are changes in line with promoting and making meaningful progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**

These changes are in line with the Department's mission and values. The Manual was updated to provide clarity and consistency throughout the Drainage Manual and Drainage Design Guide. With the sunset of the Turnpike's Design Supplements, information was relocated to the Drainage Manual in coordination with Turnpike's Drainage Section.

### **2. What financial impact does the change have; project costs, pay item structure, or consultant fees?**

We do not anticipate any financial impacts because of these updates.

### **3. What impacts does the change have on production or construction schedules?**

We do not anticipate any schedule impacts because of these updates.

### **4. How does this change improve efficiency or quality?**

The proposed changes improve efficiency by collecting Drainage criteria in a single manual. Quality is improved through clarification of design requirements for Drainage.

### **5. Which FDOT offices does the change impact?**

This change affects the Office of Design.

### **6. What is the impact to districts with this change?**

There are no design changes or special training required as a result of these updates. Several of the updates incorporated information from the sunset Turnpike supplement to the Drainage Manual and were coordinated with Turnpike and Districts to address their needs and concerns.

**7. Does the change shift risk and to who?**

This change does not shift any risk.

**8. Provide summary and resolution of any outstanding comments from the districts or industry.**

All District comments have been reviewed and addressed with responses and revisions as needed. No comments were left outstanding.

**9. What is the communication plan?**

These updates to the Drainage Manual have already completed our FDOT Internal Review process and the FHWA review and approval process. A bulletin will be issued for Roadway Design Manual updates.

**10. What is the schedule for implementation?**

The manual will be published by October 31, 2022 (Effective January 1, 2023).