



Florida Department of Transportation

RON DESANTIS
GOVERNOR

Florida's Turnpike Enterprise
P.O. Box 613069, Ocoee, FL 34761
407-532-3999

JARED W. PERDUE, P.E.
SECRETARY

MEMORANDUM

DATE: January 26, 2023

FROM: Ashraf Elmaghraby, P.E., MSCE
Interim Turnpike Design Engineer

SUBJECT: 2023 General Tolling Requirements (GTR) Publication

This memorandum announces the 2023 release of one (1) design criteria document:

General Tolling Requirements (GTR)

IMPLEMENTATION

The GTR and associated criteria are effective on projects beginning design on or after January 26, 2023, and on projects currently in the design phase where implementation will not adversely impact production schedules (as determined by the Turnpike Project Manager and Turnpike Design Engineer).

Please be aware that certain portions of information contained in the GTR may be protected from disclosure to persons or entities outside of the Department. Generally, an unredacted version of the GTR may be made available to:

- Current Department employees
- Consultants under contract with the Department for toll-related projects
- Licensed architects, engineers, and contractors in accordance with the Department's Distribution of Exempt Documents Procedure (050-020-026)

However, this is not an exclusive list and there are other considerations regarding the distribution of the unredacted GTR. Questions relating to the distribution of the unredacted GTR should be directed to your supervisor and/or the Turnpike's Chief Counsel.

For projects that are currently being advertised for letting, requests for the unredacted GTR should continue to be coordinated through the Procurement Office.

REQUIREMENTS

The General Tolling Requirements went through minor criteria updates. The document is published in three (3) parts:

- Part 1 – Development and Processes
- Part 2 – Design Criteria
- Part 3 – Plans Production

The following significant updates and/or clarifications have been implemented:

PART 1

- Removed all references to the Turnpike Design Handbook (TDH).
- Clarified Turnpike Tolls Design review and approval processes.

PART 2

- Clarified PD&E TSTM requirements.
- Revised TSP sections.
- Revised MSPs.
- Clarified toll site Roadway requirements.
- Added Exhibit 220.2-1.
- Added 221.6 Shoulder Grading and Drainage.
- Updated Section 222.
- Clarified Section 223 MOT requirements.
- Updated toll loop pavement approach and departure requirements for TECs.
- Added Barrier Access Exhibit 231.2-1.
- Added Toll Site Electrical Conduit Layout Exhibits 232.1-1, 232.1-2, and 232.1-3.
- Updated The TEC Equipment Layouts and Loads for Exhibits 250.2-1, 250.2-2, and 250.2-3.
- Removed Sample Structural Calculations from Tolls Design website.
- Updated Cantilever Gantry structural criteria to account for removal of Sample Calculations.
- Revised material requirements to align with Standard Plans and Specifications.
- Updated Exhibit 255.6-5.
- Updated Exhibit 255.6-6.
- Updated 260.5 requirements.
- Updated 270 Building Permits to electronic only delivery.

Appendix 1 - TECHNICAL SPECIAL PROVISION SECTIONS

The following TSP sections have been updated:

- Section 01 11 00 – Summary of Work
- Section 01 41 26 – Building Permits
- Section 03 30 00 – Removed
- Section 05 06 50 – Removed

- Section 05 50 00 – Metal Fabrications
- Section 09 91 00 – Painting
- Section 23 05 00 – General Mechanical Requirements
- Section 26 05 01 – Shop Drawings and Submittals
- Section 26 05 33 – Raceway and Boxes for Electrical Systems
- Section 26 09 13 – Supervisory Control and Data Acquisition System
- Section 26 32 13 – Engine Generator
- Section 26 36 00 – Automatic Transfer Switch
- Section 27 11 16 – Tolling Communications Cabinet
- Section 28 05 14 – Access Control System
- Section 32 13 14 – Removed

Appendix 2 – SIGNING AND PAVEMENT MARKING AT TOLL SITES (NEW)

PART 3

- Clarified toll site grading requirements.
- Added requirements for submission of toll sites with fenced gates and access control.
- Pay Items Section 306 has been updated to reflect the transition from the lump sum pay item for each toll site to specific elements within each toll site.

CONTACT

James E. Beverly Jr., C.P.M.

Tolls Design Administrator

Phone (407) 264-3646

JamesE.Beverly@dot.state.fl.us