



Florida Department of Transportation

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GOVERNOR

Florida's Turnpike Enterprise
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KEVIN J. THIBAUT, P.E.
SECRETARY

MEMORANDUM

DATE: May 28, 2021

FROM: Patrick Muench, P.E., Turnpike District Design Engineer

A handwritten signature in blue ink that reads "Patrick M. Muench". The signature is written in a cursive style.

SUBJECT: 2021 General Tolling Requirements (GTR) Publication

This memorandum announces the 2021 release of one (1) design criteria document:

- **General Tolling Requirements (GTR)** unredacted internal website:
<https://fdot.sharepoint.com/sites/TP-TD/Design/Tolls/SitePages/Published-GTR.aspx>
- **General Tolling Requirements (GTR)** redacted external website:
<https://floridasturnpike.com/business-opportunities/design/general-tolling-requirements/>

IMPLEMENTATION

The GTR and associated criteria are effective on projects beginning design on or after May 28, 2021, 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

- Clarified specific departments and staff who are responsible for reviews, acceptances, and/or approvals.
- Included abbreviations, definitions, and processes for the Roadside Tolling Cabinet (RTC) toll site alternatives.
- Clarified the GTR Deviation request and submittal process.
- Updated the engineering design processes for tolling projects.

PART 2

- Added the Roadside Tolling Cabinet (RTC) toll site design criteria.
- Reorganized the toll equipment building (TEB) design criteria to include the RTC alternatives.
- Clarified PD&E toll siting requirements.
- Added MSE walls with non-metallic straps as an alternative within the toll site.
- Moved some GTR criteria to the FDOT Standard Plans:
 - Concrete barrier
 - Concrete median barrier at toll sites
 - Conduit
 - Pull boxes
 - Toll header curb
- Removed the screen wall from all toll site layouts.
- Revised non-accessible gantry raceway routing and layouts.
- Updated Building Permit Coordinator contact information.
- Combined TEB, RTC, site, and gantry geotechnical criteria into one section.

Appendix 1 - TECHNICAL SPECIAL PROVISION

The following TSP sections have been updated:

- Section 01 11 00 – Summary of Work
- Section 01 29 73 – Schedule of Values
- Section 01 41 26 – Building Permits
- Section 01 51 00 – Temporary Utilities
- Section 01 74 23 – Final Cleaning
- Section 01 77 00 – Project Closeout
- Section 03 30 00 – Cast-in-Place Concrete
- Section 05 06 50 – Gantry Hardware
- Section 10 14 00 – Signage
- Section 10 44 16 – Fire Extinguisher and Accessories

- Section 23 05 93 – Test and Balance
- Section 26 05 03 – Reference Standards and Regulatory Requirements
- Section 26 05 04 – Electrical Symbols and Abbreviations
- Section 26 05 05 – Operational Tests and Performance Verification
- Section 26 05 20 – Equipment Wiring Systems
- Section 26 05 29 – Hangers and Supports for Electrical Systems
- Section 26 05 33 – Raceway and Boxes for Electrical Systems
- Section 27 11 16 – Tolling Communications Cabinet

PART 3

- Clarified toll submittal requirements for CADD compliance with the FDOT CADD Manual.
- Clarified “drawing number” and “sheet number” for toll facility plans.
- Clarified site elements to be provided in the enlarged site plans.
- Included site elements for the Roadside Tolling Cabinet (RTC) toll site alternatives.

CONTACT

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