



Florida Department of Transportation

RICK SCOTT
GOVERNOR

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

MIKE DEW
SECRETARY

MEMORANDUM

DATE: January 1, 2018
FROM: Patrick Muench, P.E., Turnpike District Design Engineer
SUBJECT: 2018 Turnpike Criteria Documents

This memorandum announces the 2018 release of three (3) Turnpike design criteria documents:

- **Turnpike Design Handbook (TDH)**
Available on the Turnpike Design website:
<http://floridasturnpike.com/design/tdh.html>
- **Turnpike Supplement to the FDOT Drainage Manual**
Available on the Turnpike Design website:
<http://floridasturnpike.com/design/docsandpubs.html>
- **Turnpike Supplement to the FDOT Structures Manual**
Available on the Turnpike Design website:
<http://floridasturnpike.com/design/docsandpubs.html>

Turnpike Design Handbook (TDH)

BACKGROUND

This document, formerly known as the **Turnpike Plans Preparation and Practices Handbook (TPPPH)**, served as a supplement to the **FDOT Plans Preparation Manual (PPM)**. The **PPM** has been replaced by the **FDOT Design Manual (FDM)**. The **FDM** includes significant organizational, formatting and language changes. The **Turnpike Design Handbook (TDH)** incorporates the changes associated with the implementation of the **FDM**.

REQUIREMENTS

The major changes in Turnpike design requirements are listed below. Other changes in the **2018 TDH** consist of formatting, minor editing, and updated references.

120.2.3 Typical Section Package

Typical Section Package Signature Sheet criteria is removed.

121 Bridge Project Development

Several sections are relocated to the new *Turnpike Supplement to the FDOT Structures Manual*.

210.10.3 Vertical Clearances

Walk-in DMS clearance criteria added.

231.1.5 Underdeck Bridge Lighting

Language referencing pendant hung fixtures is removed.

231.2 Design Criteria

Language referencing high mast lighting is removed.

261 Structural Supports for Signs, Signals, Lighting and ITS

Several sections are relocated to the new *Turnpike Supplement to the FDOT Structures Manual*.

Lighting Guide Drawings

- Sheet 201: Note 2 is updated. Notes 7, 28, and 32 are removed.

Traffic Guide Drawings

- Sheet 103-3: Note added to sign AET-03L.
- Sheets 105-3 thru 105-5: Sign dimension updates.
- Sheets 108-1 & 108-6: Detail "B" is removed.
- Sheet 113-4: Detail showing sign placement near a ditch bottom is removed.

IMPLEMENTATION

This document and associated criteria is effective on projects beginning design on or after January 1, 2018 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.

CONTACT

Patrick Muench, P.E.
Turnpike District Design Engineer
Phone (407) 264-3988
patrick.muench@dot.state.fl.us

Turnpike Supplement to the FDOT Drainage Manual

BACKGROUND

This document serves as a supplement to the ***FDOT Drainage Manual***. The ***Turnpike Supplement to the FDOT Drainage Manual*** has been updated based on revisions to the ***2018 FDOT Drainage Manual***. Other changes in the ***2018 Turnpike Supplement to the FDOT Drainage Manual*** consist of formatting, minor editing, and updated references.

IMPLEMENTATION

This document and associated criteria is effective on projects beginning design on or after January 1, 2018 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.

CONTACT

Erin Yao, P.E.
Turnpike Drainage Design Engineer
Phone (407) 264-3479
erin.yao@dot.state.fl.us

Turnpike Supplement to the FDOT Structures Manual

BACKGROUND

This document serves as a supplement to the ***FDOT Structures Manual***. This new document includes most of the supplemental criteria language previously found in the ***2017 TPPPH*** Section 26.

IMPLEMENTATION

This document and associated criteria is effective on projects beginning design on or after January 1, 2018 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.

CONTACT

Russell D. Snyder, P.E.
Turnpike Structures Design Engineer
Phone (407) 264-3442
russ.snyder@dot.state.fl.us