



Florida Department of Transportation

RICK SCOTT
GOVERNOR



605 Suwannee Street
Tallahassee, FL 32399-0450

RACHEL D. CONE
INTERIM SECRETARY

ROADWAY DESIGN MEMORANDUM 17-01
STRUCTURES DESIGN MEMORANDUM 17-01

DATE: March 1, 2017

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Construction Engineers, District Geotechnical Engineers, District Structures Design Engineers, District Maintenance Engineers, District Roadway Design Engineers, District Traffic Operations Engineers, District Program Management Engineers, District Materials Engineers

FROM: Michael Shepard, P.E., State Roadway Design Engineer 
Robert V. Robertson, P.E., State Structures Design Engineer 

COPIES: Brian Blanchard, Courtney Drummond, Tim Lattner, David Sadler, Rudy Powell, Amy Tootle, Dan Scheer, John Krause, Gregory Schiess, Erik Fenniman, Stefanie Maxwell, Trey Tillander, Jeffrey Ger (FHWA), Nick Finch (FHWA), Rafiq Darji (FHWA), Chad Thompson (FHWA)

SUBJECT: FDOT Standard Plans for Road and Bridge Construction

This Design Memorandum provides information on upcoming changes to the Department's *Design Standards* (Topic No. 625-010-003).

Beginning with the Fiscal Year (FY) 2018-19 publication to be released on November 1, 2017, the *Design Standards* will be retitled to the *Standard Plans for Road and Bridge Construction (Standard Plans)* and renumbered to align with the associated primary *Standard Specifications for Road and Bridge Construction (Standard Specifications)* and Pay Items.

This is part of a much larger effort to provide clear and concise requirements for all of the Department's customers. The information in the *Standard Plans* is to be used in conjunction with the Plans, *Standard Specifications* and Specifications Package to successfully complete the specified work. All other types of information (e.g., design, guidance, examples, specifications, and payment) will be placed in the appropriate location to ensure the proper flow of information and consistency among the various Department publications. Over the next few years, the *Standard Plans* will be further optimized to ensure the information is organized in the most effective and efficient manner.

The timing of this initiative was expedited to accommodate changes to the usage process for specific bridge related *Standard Plans*. Starting with the *FY 2018-19 Standards Plans for Road and Bridge Construction*, the webpage will be organized to separate the Indexes for the *Standard Plans for Bridge Construction* from the Indexes for the *Standard Plans for Road Construction*. This is due to a revised usage policy requiring the pertinent Indexes from the *Standard Plans for Bridge Construction* to be included in the bridge component of the plan set. Box culverts with lengths qualifying as a bridge will also be subject to this revised usage policy.

A crosswalk between the old *Design Standards* and new *Standard Plans* Index numbers will be provided in the Standard Plans Table of Contents and will be available for a length of time as required to ensure a smooth transition. Projects in the design phase at the time of implementation will be given a grace period in converting to the new *Standard Plans* numbering as to not adversely affect the production schedules. Therefore, projects that are substantially complete will not be required to update references to the old *Design Standards* Index numbers.

A Design Bulletin will be issued mid-year 2017 providing the Index numbering crosswalk, new terminology/abbreviations for a consistent implementation, and any additional details about potential restructuring/retitling of specific Indexes.

CONTACT

Gevin McDaniel, P.E.
Roadway Design Standards Administrator
Phone 850-414-4324
gevin.mcdaniel@dot.state.fl.us

Derwood Sheppard, P.E.
Roadway Design Engineer
Phone 850-414-4334
derwood.sheppard@dot.state.fl.us

MS/RVR/gjm