

**STANDARD PLANS INSTRUCTIONS
FY 2020-21 REVISION LOG**

Standard Plans Index	Description
102-200	<i>Deleted Note 8 under Plan Content Requirements.</i>
102-414	<i>Added information to SPI on design of deck.</i>
400-010	<i>Corrected Design Index to Standard Plan Index number; updated copy of cell/data table.</i>
400-090	<i>Added stabilization to the optional base and embankment. Added pay item number for Grooving.</i>
400-289	<i>Corrected reference from SDG 3.7 to SDM 3.7 in Commentary; Added information on phase construction including reference to SDM 4.3.10 to list rebar by phase.</i>
430-001	<i>New Standard Plans Instructions.</i>
430-010	<i>New Standard Plans Instructions covering Index 430-010 - 430-012.</i>
430-020	<i>Updated References for Design Manuals and Guides; Added Information on sod around end treatment.</i>
430-021	<i>New SPI Covering Indexes 430-021 and 430-022.</i>
430-030	<i>New SPI Covering Indexes 430-030 - 430-034.</i>
430-040	<i>New Standard Plans Instructions.</i>
430-090	<i>New Standard Plans Instructions.</i>
436-001	<i>New Standard Plans Instructions.</i>
440 Series	<i>New Standard Plans Instructions.</i>
443 Series	<i>New Standard Plans Instructions.</i>
446-001	<i>New Standard Plans Instructions.</i>
450-120	<i>Corrected pay item number and description under Payment.</i>
455-001	<i>Updated Pile Data Table cell to incorporate change to installation note.</i>
455-054	<i>Changed copy of cell.</i>
455-060	<i>Changed copy of cell.</i>
455-101	<i>Changed Pile Data Table cell to incorporate change to installation note.</i>
455-154	<i>Changed copy of cell-installation note.</i>
455-160	<i>Changed copy of cell.</i>
455-400	<i>Changed copy of cells.</i>
455-440	<i>Corrected pay item number for FRP bars. Changed copy of cells.</i>
458-100	<i>Changed neoprene seal to joint or strip seal.</i>
458-110	<i>Changed note 2.a. under Plan Content Requirements.</i>
521-001	<i>Added single and double-face barrier definitions to shoulder and median barrier rows, respectively, in taper rate table. This is for compatibility with equivalent traffic railings (FDM now references this table for taper rates of all rigid barriers). Added note and detail for trailing end (downstream) barrier placement for shielding, 30 degree departure angle</i>

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521-404	<i>Changed Pay Item numbers and Descriptions to match BOE; Added commentary on specification changes regarding payment for Barrier Delineators.</i>
521-405	<i>Changed Pay Item Numbers and Descriptions to match BOE; Added commentary on specification changes regarding payment for Barrier Delineators.</i>
521-427	<i>Added drainage slot information.</i>
521-428	<i>Added language about transition to 36"/38" Traffic railing at end of bridge; Added drainage slot instructions and reference to Index 521-427. Updated to TL-5 Criteria for 42" height.</i>
521-510	<i>Added information on two phase walls.</i>
521-512	<i>Added that a special design is required for two phase walls and additional clarification on asphalt overlay on Junction Slab.</i>
521-600	<i>Added section for Roadway Plans with information on asphalt overlay on Junction Slabs.</i>
534-200	<i>Design Assumptions and Limitations: Clarified distance behind concrete barrier required if wall is inside clear zone; General Design Limitations: Added information about tolerances for side-installed panels, flush face, in particular.</i>
536-001	<p><i>Removed information about Flared Terminals and Modified Thrie Beam throughout.</i></p> <p><i>B. Shielding Hazards: Referenced FDM215 for Clear Zone concept for LON. Clarified that back of guardrail is a hazard.</i></p> <p><i>C: End Treatments</i></p> <p><i>C.2.a. Removed Flared Terminals</i></p> <p><i>Added information for maximum radius of guardrail in an approach terminal segment</i></p> <p><i>C.2.d. Removed Non-Gating Terminals concept</i></p> <p><i>C.2.d. Added Clear Area concept</i></p> <p><i>C.3 Crash cushions may be used for single-faced guardrail too</i></p> <p><i>D. Approach Transition Connections: Clarified usage explanation, removed taper location information (to be included in Standard Index). Crash Cushion option for constrained conditions. Referenced Index for taper locations. Clarified when to use trailing end transition.</i></p> <p><i>E: Pipe Rail: Clarified explanation of placement outside of end treatments, Clarified that timber post guardrail and end treatments must be used where pipe rail cannot be used.</i></p> <p><i>F: Rub Rail: Clarified explanation of placement outside of end treatments.</i></p> <p><i>H: Modified Mounts: Clarified Frangible Leave-outs require steel posts, Encased posts have a limit of 3 consecutive.</i></p> <p><i>J. Median Crossover Guardrail: Improved section title to explain usage. Moved usage explanation paragraph to the front.</i></p> <p><i>K. Reduced Post Spacing: Limited usage to outside of End Treatments. Clarified that Nested W-Beam is only permitted with reduced post spacing segments.</i></p> <p><i>M. Renamed from "CRT Segments" to "Radial Guardrail": Added Radial Guardrail options (CRT and General Guardrail Radius)</i></p>

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536-001 (Cont.)	<p>0. Added a note on minimum guardrail lengths, referred to new example drawings Plan Content Requirements.</p> <p>C1. Begin/End GR Added double face callout. C4. Added General Guardrail Radius callout. C5-10. Pipe Rail, Rub Rail, Features, etc. callouts don't require offset. C10. Removed flared callouts. C11. Added Trailing Trans. callout. D. Included Payment info for Trailing End Transition Connection to Rigid Barrier.</p> <p>Payment Table: Included Trailing End Transition Connection.</p> <p>Drawing Examples:</p> <p>Removed flared approach terminals. Corrected double-faced guardrail callout for crossover guardrail Added New Drawing Examples for minimum length configurations when connected to Rigid Barrier.</p> <p>'LON' EXCEL DESIGN TOOL: Removed all flares in drawings, update flared notes Updated gating notes due to limited applicability.</p>
536-002	<p>Design Criteria: Added AASHTO RDG.</p> <p>Design Assumptions and Limitations: Added Length-of-Need explanation: Not compatible with 536-001 Design Tool, use Index tables and AASHTO RDG.</p> <p>Pay Item Table: Updated to include "Trailing End Transition Connection to Rigid Barrier".</p>
544-001	<p>Short Guardrail Extensions - added note to explain usage Grading - added note to explain assumed approaching vehicle departure angle.</p>
548-020	<p>Changed copy of cell.</p>
634-001	<p>New Standard Plans Instructions.</p>
641-010	<p>Changed note in the Plan Content Requirements, to read: "Complete the "Strain Pole Schedule" provided with the FDOT CAD Bar Menu, Linked Data Manager, and include in the Roadway Plans."</p>
649-010	<p>Changed note in Plan Content Requirements, to read: "Complete the "Strain Pole Schedule" provided with the FDOT CAD Bar Menu, Linked Data Manager, and include in the Roadway Plans."</p>
700-020	<p>Added clarification to show column size under Plan content Requirements.</p>
700-030	<p>Deleted version for LRFDLTS; clarified Design Wind Speed in per FDOT.</p>
700-040	<p>Deleted LRFDLTS version; added Overhead to descriptions.</p>
700-041	<p>Deleted LRFDLTS version; added Overhead to descriptions.</p>
715-010	<p>Deleted Version # of LRFDLTS and Mathcad program.</p>