

STANDARD PLANS  
FY 2019-20 REVISIONS LOG

Standard Plans Index	Description
000-506	Changed to Index 160-001.
000-510	<b>All Sheets:</b> Changed Title. <b>Sheet 1:</b> Deleted "DESIGN SPEED" table and "RADIUS OF CURVE" table; Deleted subtitle. <b>Sheet 2:</b> Added Concrete Pavement note to clarify shoulder slope transitions.
000-511	<b>All Sheets:</b> Changed Title, Subtitles, and Renumbered. <b>Sheet 1:</b> Deleted Superelevations Rates Tabulated and Charted Values (information can be found in FDM); combined General Notes with Old Sheet 2; Deleted all callouts for "CHARTED VALUES" on Old Sheet 2. <b>Sheet 2:</b> Updated Subtitle.
000-515	Deleted Index, Criteria information moved to New FDM Chapter 214. Construction details moved to New Indexes 522-003 or 330-001.
000-516	Deleted Index and moved information to Index 330-001.
102-200	<b>Sheet 1:</b> "STORAGE FACILITY" Note; Changed phone number to 407-278-2727.
102-600	<b>Sheet 3:</b> Updated "LENGTH OF LANE CLOSURES" Note.
102-655	<b>Sheet 1:</b> Changed Notes to remove limitations to Limited Access Facilities and Overhead work. Clarified "TRAFFIC PACING GUIDE" notes for the requirements of site specific traffic control plans. Added Note 6 to the "TRAFFIC PACING GENERAL NOTES" for short duration operations.
110-100	Changed Notes 1 and 8; Added Note 9; Changed the "Crown Dripline..." in the "TREE PROTECTION BARRIER-PLAN and ELEVATION" dimension; Changed the "No Open Trenching..." dimension; Added root pruning trenches; Changed the "Maintain Existing Grade..." call out in the "TREE PROTECTION BARRIER-ELEVATION" detail; Changed the "Crown Dripline" call out; Added Access to the "PROTECTION BARRIER FOR TREE GROUPINGS" detail; Changed Note 1 in the "TRUNK PROTECTION" detail; Added minimum requirements for barrier posts.
120-001	<b>Sheet 1:</b> Added "REMOVAL OF EXCESS BASE MATERIAL" details from FY 2018-19 Standard Plans, Index 000-506; Updated General Notes for plain language. Deleted DESIGN NOTES. <b>Old Sheet 2:</b> Deleted Sheet (TREATED PERMEABLE BASE OPTIONS no longer supported). <b>Old Sheet 3:</b> New Sheet 2; Deleted DESIGN NOTE. <b>Old Sheet 4:</b> New Sheet 3; Deleted DESIGN NOTE; Added Special Stabilized Subbase callout.
120-002	<b>Sheet 1:</b> Updated Reference to Index 160-001 in Note 5.
160-001	<b>New Index.</b> Previously Index 000-506; Updated Note 6 for plain language; Moved "REMOVAL OF EXCESS BASE MATERIAL" detail to Index 120-001.
330-001	<b>New Index.</b> Content relating to Paved or Graded Driveways moved from Sheets 5 & 6 of Old Index 000-515 and 000-516. <b>All:</b> Updated terminology from "Turnouts" to "Driveways"; Updated notes for plain language. <b>Sheet 2:</b> Added Material Types And Thicknesses Table from Old Index 000-515. Updated Asphalt Thickness values for Connections; Changed O.B.G. from type 1 to type 2.
350-001	<b>Sheet 1:</b> Updated Note 5 for expansion joints. <b>Sheet 3:</b> Deleted "KEYED JOINT" Detail; Updated the "JOINT ARRANGEMENT" Detail. <b>Sheet 4:</b> Updated Notes, and changed outside lane standard width to 13 ft. on all illustrations.
425-040	<b>Editorial:</b> Added back deleted note on "heavy wheel loads" in GENERAL NOTES.
450-010	<b>Sheet 1:</b> Added Note 13; Editorial - Note 11
450-036	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".
450-045	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".
450-054	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".
450-063	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".

STANDARD PLANS  
FY 2019-20 REVISIONS LOG

Standard Plans Index	Description
450-072	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".
450-078	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".
450-084	<b>Sheet 1:</b> Editorial, moved top insert to distance shown; Corrected Note # references in "END VIEW".
450-096	<b>Sheet 1:</b> Corrected Note # references in "END VIEW".
450-120	<b>Sheet 1:</b> Changed Note 7 and 9.C; Added Note 13.
455-400	<b>Sheet 1:</b> Editorial, deleted extra line in "SECTION THRU BULKHEAD". <b>Sheet 2:</b> Deleted Section Modulus and Prestress after Losses columns from Table (added same to SPI); Added Jacking Forces to Table.
455-440	<b>Sheet 1:</b> Editorial, deleted extra line in "SECTION THRU BULKHEAD". <b>Sheet 2:</b> Added Initial Jacking Stress to Table; Deleted Section Modulus and Prestress after Losses columns from Table (added same to SPI); Corrected Dimension A for Bars S4 thru S7.
460-250	Editorial, VIEW A-A.
460-252	Editorial, Deleted extra spaces in Notes.
462-002	Added 100% acrylic aliphatic polyurethane top coating to Types 1, 4, 9, and 10 and Notes 1 & 2
462-003	<b>Sheet 1:</b> Added pocket to "FILLER OUTLET DETAIL AT HORIZONTAL SURFACES".
509-070	<b>Sheet 3:</b> Updated Notes and Details previously shown on Index 711-001, Sheet 12 of 14.
515-022	<b>Sheet 1:</b> Editorial, Post C1.
515-052	<b>Sheet 1:</b> Corrected Note 3.H Specification reference; Changed Note 3.F.a.
515-062	<b>Sheet 1:</b> Corrected Note 3.H Specification reference.
515-070	<b>Sheet 1:</b> Changed end hoop Note 3 to Alloy 6063-T5 to match Index 515-062.
521-001	<p>Added New Sheets:  <b>New Sheet 8:</b> Median Barrier - 56" Height Section for Barrier-Mounted Dual Sign Support Shielding.  <b>New Sheet 23:</b> Wall Shielding Barrier- 38" Height Section - Approach and Trailing Transition.  <b>New Sheet 24:</b> Wall Shielding Barrier - 38" Height Section - Guardrail Connection.  <b>New Sheet 25:</b> Wall Shielding Barrier - 56" Height Section for Barrier-Mounted Sign Support Shielding.</p> <p>Revisions (By New Sheet Number):  <b>All Sheets:</b> Updated sheet numbers and sheet references for the above additions.  <b>Sheet 1:</b> Updated Table of Contents.  <b>Sheet 4:</b> Added Begin/End Barrier Sta. callout point.  <b>Sheet 6,7,9,10:</b> Added Begin/End Variable Section Width callout points.  <b>Sheet 9:</b> Added Flowable Fill option in PLAN view; Added Note to define Flowable Fill material and NS Concrete Fill material; Replaced the stirrup with a new standardized Bar 4V3 in "SECTION B-B".  <b>Sheet 26:</b> Updated Bar 5V2 to use one larger pin diameter for constructability; Added Bar 4V3 for use with Split and Half Section barrier.</p> <p><b>Interim,</b> See Roadway Design Bulletin, RDB 18-06  <b>Sheet 1:</b> Added "GFRP - Glass Fiber Reinforced Polymer" note.</p>
521-002	<b>Sheet 1:</b> Changed Note 3. <b>Sheets 4 &amp; 5:</b> Changed "Shoulder Pavement" callout to "Shoulder Pavement & Fill"

STANDARD PLANS  
FY 2019-20 REVISIONS LOG

<i>Standard Plans Index</i>	<i>Description</i>
521-010	<p><i>Redeveloped Standard</i></p> <p><b>New Sheet 1:</b> Updated designs for all variations of single-slope and existing F-Shape barriers; Updated spacing of vertical and horizontal reinforcing steel, Added a minimum transverse joint spacing; Added leave-out concept for measurement; Added accommodation for welded wire reinforcing and variable barrier heights.</p> <p><b>New Sheet 2:</b> Added detail for terminating at 56" height barrier sections; Added detail for continuing over 44" height barrier sections.</p>
521-422	<p><b>Sheet 1:</b> Changed Barrier Delineator Note.</p> <p><b>Sheet 2:</b> Editorial, sidewalk hook bars.</p>
521-423	<p><b>Sheet 1:</b> Changed Barrier Delineator Note.</p> <p><b>Sheet 2:</b> Editorial, "RAILING END DETAIL" and "VIEW A-A AND B-B".</p>
521-426	<p><b>Sheet 1:</b> Changed Barrier Delineator Note.</p>
521-427	<p><b>Sheet 1:</b> Changed Barrier Delineator Note.</p>
521-428	<p><b>Sheet 1:</b> Changed Barrier Delineator Note.</p> <p><b>Sheet 2:</b> Editorial</p>
521-509	<p><b>All:</b> Reorganized sheets and renumbered; Updated sheet # references.</p> <p><b>Sheet 1:</b> Added notes moved from other sheets; Added Note 6.</p> <p><b>Sheet 2:</b> Changed reinforcing.</p> <p><b>Sheet 3:</b> Changed reinforcing.</p> <p><b>Sheet 4:</b> Changed reinforcing.</p> <p><b>Sheet 5:</b> Changed Note references to new reinforcing bars.</p>
521-510	<p><b>All:</b> Reorganized sheets and renumbered; Updated sheet # references.</p> <p><b>Sheet 1:</b> Added notes moved from other sheets; Added Note 6.</p> <p><b>Sheet 2:</b> Changed reinforcing.</p> <p><b>Sheet 3:</b> Changed reinforcing.</p> <p><b>Sheet 4:</b> Changed reinforcing.</p> <p><b>Sheet 5:</b> Changed Note references to new reinforcing bars.</p>
521-511	<p><b>Sheet 1:</b> Updated Notes.</p> <p><b>Sheet 2:</b> Added Bar 5R3; Changed reinforcing.</p> <p><b>Sheet 3:</b> Added Bar 5R3; Changed reinforcing.</p>
521-512	<p><b>Sheet 1:</b> Updated Notes.</p> <p><b>Sheet 2:</b> Added Note 6; changed asphalt description in SECTION B-B.</p>
521-513	<p><b>Sheet 1:</b> Updated Notes.</p>
521-514	<p><b>Sheet 1:</b> Clarified Notes 1, 2, and 7; Renumbered Notes 5 and 6.</p> <p><b>Sheet 2:</b> Editorial</p> <p><b>Sheet 4:</b> Editorial</p>
521-515	<p>Clarified Notes 1 and 2; Changed Notes 4 and 5.</p>
521-610	<p><b>Sheet 2:</b> Added Note 4; Renumbered remaining notes; Changed pavement reference in Typical Section.</p>
521-620	<p><b>Sheet 1:</b> Corrected Cross Reference; Deleted Note 12.</p> <p><b>Sheet 2:</b> Corrected Note # references; Added Notes 7 and 8.</p> <p><b>Sheet 3:</b> Changed Note 1 and 3.</p> <p><b>Sheet 4:</b> Changed Title for End Transition; Corrected Note # references; Editorial, Note 4</p>
521-630	<p><b>Sheet 2:</b> Corrected dimension for Bar 5U1.</p>
521-640	<p>Editorial: "Traffic Railing" to "Concrete Barrier".</p>
521-660	<p><b>Sheet 1:</b> Changed Typical Section without sidewalk to Option 1.</p> <p><b>Sheet 2:</b> New Sheet; Added Option 2.</p> <p><b>Sheet 3:</b> Renumbered; Changed Typical Section Title.</p> <p><b>Sheet 4:</b> Renumbered; Added Elevation of 4H2 Bars; Changed Note 4.</p>

STANDARD PLANS  
FY 2019-20 REVISIONS LOG

Standard Plans Index	Description
521-820	<b>Sheet 1:</b> Added Bar 4P2 as a contractor option; Changed Bar 4S placement; Moved Bar Bending Details, "REINFORCING STEEL NOTES", Estimated Quantities, and DETAIL "A" to new Sheet 2. <b>Sheet 2:</b> New Sheet
522-001	<b>Sheet 1:</b> Deleted the 6" Min. for turnouts or curb ramps call out and 8" dimension behind the Return Curbs in the "LONGITUDINAL SECTION"; Deleted 4'-0" dimension from driveways; Changed curb ramp type in the "SIDEWALK WITH UTILITY STRIP" detail; Added example inlets to plan views. <b>Sheet 2:</b> Deleted 8" dimension behind the Return Curbs in the "LONGITUDINAL SECTION".
522-002	<b>Sheet 1:</b> Updated General Note 1. <b>Sheet 2:</b> Updated CR-A dimensions to match FDOT standard sidewalk widths. <b>Sheet 3:</b> Moved Pavement Relief Details to Sheet 6. <b>Sheet 4:</b> Added Sidewalk and Clarified details for CR-E. <b>Sheet 5:</b> Updated Notes; Clarified dimensions. <b>Sheet 8:</b> Added dimensions for Curb Transitions.
522-003	New Index - Information for Concrete Flared Driveways moved from old Index 000-515.
536-001	<b>Sheet 1:</b> Deleted optional conditions for washer under nuts (Notes 4 & 5); Deleted "Type II" from Table of Contents. <b>Sheet 9:</b> Updated Trailing Anchorage design and removed "Type II" designation; Deleted Soil Plate; Added Breakaway Post and Steel Tube Foundation at Second Post Location; Deleted Offset Block at Second Post Location; Added Two Ground Strut Supports; Changed Cable Anchor Plate to Opposite Side on Double Face Trailing Anchorage. <b>Sheet 10:</b> Changed the Steel Tube Foundation depth; Added new detail for ground strut (C Channel Shape). <b>Sheet 18:</b> Updated Trailing Anchorage drawing; Removed "Type II" designation <b>Sheet 22:</b> In Washer detail title, Removed "Type II" designation, Replaced with "Trailing Anchorage".
536-002	<b>Sheet 3:</b> Removed Departure Line <b>Sheet 4:</b> Removed Crash Cushion sizing information.
544-001	<b>Sheet 1:</b> Deleted Concrete Barrier and Guardrail Applications Tables; Changed the GENERAL NOTES; Updated Departure Lines, Length Restrictions, and other call outs. <b>Sheet 2:</b> Updated Design Length, Location Station, and other call outs.
546-001	<b>Interim,</b> See Roadway Design Bulletin, RDB 18-07 <b>Sheet 1:</b> Updated all details. <b>Sheet 2:</b> New Sheet; Added details for SHORT-TERM RAISED RUMBLE STRIPS.
546-010	<b>Interim,</b> All Sheets; See Roadway Design Bulletin, RDB 18-03
548-020	Added durability requirements for FRP reinforcing to the FDOT MSE RETAINING WALL CLASSIFICATION TABLE.
570-010	Changed General Notes to remove Specification 162 reference.
580-001	<b>Sheet 1:</b> Changed General Notes; Changed the Under 4" and 4" and Larger Caliper Tree sizes; Changed the Stake Spacing, Anchors and Mulch callouts. <b>Sheet 2:</b> Changed the Under 4" and 4" and Larger Caliper Tree sizes; Changed the Stake Spacing, Anchors and Mulch callouts; Changed the Palm Planting Note; Changed the Min. Wood Braces callout for the Palm Planting on Slope.
630-001	<b>All Sheets:</b> Reorganized; Updated Notes. <b>Sheet 2:</b> Deleted FIGURE A "Pullbox Entry Of Conduit Under Sidewalks".
630-010	<b>Sheet 1:</b> Clarified that EJB "A" is for double or triple conduit. <b>Sheet 2:</b> Corrected callout detailing so arrows pointed to EJB's correctly. <b>Sheet 4:</b> Changed Traffic Railing to Concrete Barrier.
634-002	Cleaned up, Reorganized, and Changed Notes.
635-001	Updated Notes; Added 6" Min. Depth to Ground Rod from top of Pull and Fiber Optic Boxes.

STANDARD PLANS  
FY 2019-20 REVISIONS LOG

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649-010	<b>Sheet 1:</b> Note 5B Added "including plate washers". <b>Sheet 2:</b> ELEVATION, Deleted minimum threaded length for 'BC'; PLAN view, Deleted "Size And" from #11 bar description; Deleted "MAXIMUM ALLOWABLE MOMENT" column from table; Changed table "STEEL STRAIN POLE DATA TABLE".
649-020	<b>Sheet 1:</b> Changed Note 2; Note 3.E Deleted "ASTM F2329 galvanizing and added "ASTM A36" plate washers; Note 3.J added "including plate washers"; Changed Note 4. <b>Sheet 3:</b> ELEVATION corrected longitudinal bar callout, added reference to Table; Added cross reference to Tables on Sheet 2.
649-030	Added DS/25/5.0 to DRILLED SHAFT Table; Updated values of bolts, BA and BC values in POLE, BASE PLATE and ARM CONNECTION Table.
649-031	<b>Sheet 1:</b> Changed Notes 4.D.a, 5, and 6.B. <b>Sheet 3:</b> Clarified ARM SPLICE length; Clarified SECTION D-D Inside Bend Radius.
654-001	New Index; Moved details for Mid-Block Crossing RRFB signs from Index 700-120.
659-010	Updated Notes, "SIGN MOUNTING DETAIL", and "DETAIL OF OPPOSING SIGNS SPAN WIRE MOUNTED"; Deleted "ADJUSTABLE HANGER FOR SIGN MOUNTING" detail.
660-001	<b>All Sheets:</b> Reorganized; Clarified Notes.
665-001	<b>Sheet 1:</b> Added (See DETAIL "A") to the Concrete Pedestal and Strain Poles; Changed the Pushbutton distance to the edge of concrete; Changed Note 2; Deleted back-to-back pushbutton mounts in DETAIL "A".
676-010	Updated Notes; Reorganized Sheet; Added optional conduit to "POLE MOUNTED CONTROLLER CABINET- CONCRETE POLE" detail.
700-010	<b>Sheet 1:</b> Clarified Example Notes. <b>Sheet 2:</b> Changed title (lower right); <b>Sheet 3:</b> Clarified "OFFSET SIGN" Notes and * INSTALLING FRANGIBLE COLUMN SUPPORTS Notes; Changed Wall Thk for 8" OD column. <b>Sheet 4:</b> Clarified NOTES 1, 2.B, 3.A. Added galvanized steel to 3.A.2.c; Changed 8" post thickness and weld dimensions. <b>Sheet 5:</b> Added U-bolt to PLAN view and Max. column O.D. to ELEVATION view. <b>Sheet 6:</b> Deleted "WIND BEAM PLACEMENT DETAILS"; Changed Wind Beam Placement Notes; Changed "SECTION A-A" to "VIEW A-A"; Changed top cantilever dimension.
700-011	<b>Sheet 1:</b> Changed Note 2; Added Note 6; Changed "SECTION C-C" callouts; Corrected Bolt Spa. dimension lines and Min. sign panel length in Sign Detail; Added break lines in column and foundation in TYPICAL SECTION; Added NPS designation for column pipes to Table. <b>Sheet 2:</b> Added Class I Concrete for "BASE AND FOUNDATION DETAIL"; Added break lines to "STUB DETAIL".
700-012	<b>Sheet 1:</b> Corrected Note 3.D.b; Changed Note 3.C.
700-013	<b>Sheet 1:</b> Corrected Note 3.C.b; Table 1 changed NPS callout style.
700-020	<b>Sheet 1:</b> Changed spacing of three columns; Clarified Note 2.A and B; Changed Note 3.B.c. <b>Sheet 2:</b> Corrected weld symbols; Clarified column sections are steel. <b>Sheet 3:</b> Clarified Wind Beam Tables; Added nylon washer note; Changed % sign depth Wind Beam spacing.
700-030	Changed Title; Deleted the 12'-0' Max - Depth of Truss in the SIDE ELEVATION; Changed Washers (changed lock to std); Changed spacing of Hangers and Wind Beams to match 700-020 changes; Changed the WIND BEAMS AND VERTICAL HANGERS Table; Deleted Max. chord spacing from SIDE ELEVATION.
700-040	<b>Sheet 2:</b> Corrected callout for longitudinal bars (FC to FL) in PLAN and ELEVATION of DRILLED SHAFT.
700-041	<b>Sheet 1:</b> Changed Note 4.C.a
700-102	<b>Sheet 8:</b> Corrected text positioning. <b>Sheet 10:</b> Deleted MOT-2-06 and MOT-3-06. <b>Sheet 11:</b> Updated due to deleted signs on Sheet 10.

STANDARD PLANS  
FY 2019-20 REVISIONS LOG

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700-103	<i>Deleted Index. Criteria located to FDM 230.</i>
700-109	<i>Changed "OBJECT MARKER DETAIL" to show two Wind Beams. Changed Notes; Deleted redundant material information; Changed "DEAD END" sign requirements.</i>
700-110	<i>Changed Index Title; Changed Notes; Changed bolt callouts on "SECTION A-A (Side Elevation)";</i>
700-120	<i>All: Redeveloped and Renamed Index; Added Alpha-Numeric Designation system; Clarified use of Conventional and Solar power option for all assembly types.</i>
706-001	<i>Sheet 4: Changed and Deleted RPMs in the "RPM PLACEMENT AT ISLANDS", Details "G" and "H". Sheet 5: Added new sheet showing the placement of raised pavement markers at limited access crossovers. Sheet 6: Added new sheet showing the placement of blue raised pavement markers.</i>
711-001	<i>All: Renumbered sheets. Sheet 1: Added Route Shield details; Added "PAVEMENT MESSAGE SPACING TABLE"; Added GENERAL NOTES; Updated Pavement Message Notes. Sheet 7: Added Note 3. Sheet 8: Deleted "100' max." for Right Turn Lane Drop Details. Sheet 9: Updated Pavement Message spacing distance to S. Sheet 10: Changed Intersection Details to Standard Crosswalk Details. Moved Note 3 to Sheet 7. Sheet 11: Updated Pavement Message spacing distance to S. Sheet 12: Deleted Sheet. Information included on Index 509-070.</i>
715-002	<i>Sheet 1: Changed GENERAL NOTE 4.B and Note 5.C. Sheet 2: Updated all details - deleted or revised pole dimensions. Sheet 3: Added dual dimensions to "ARM CONNECTION DETAIL" and "SECTION A-A". Deleted "ARM TABLE" and its Notes; Changed "ARM TUBE EXTRUSIONS NOTES". Sheet 4: Changed FOUNDATION Depth Requirement; Added dual dimensions to "POLE BASE ELEVATION"; Deleted All Table and Added new tables; Updated NOTES. Sheet 5: Added dual dimensions to the "BASE PLATE PLAN"; Deleted the "POLE TABLE"; Updated NOTES.</i>
715-010	<i>Sheet 1: Changed Notes 2 and 4. Sheet 2: ELEVATION - Editorial; Changed "POLE DESIGN TABLE" - Deleted Column, Editorial; "BASE PLATE AND BOLTS DESIGN TABLE" - Changed some Base Plate Thicknesses. Sheet 3: "SECTION E-E" Changed Inside Bend Radius details.</i>