

**STANDARD PLANS  
FY 2024-25 REVISIONS LOG**

Standard Plan Index	Description
102-110	<p><b>Sheet 2:</b> Updated the ADHESIVE-BONDING MATERIAL SYSTEM Note to "When using adhesive bonding material systems for anchor bolts, use a Type HSHV adhesive meeting the requirements of Section 937 and listed on the APL. Install anchor bolts in accordance with Specification 416. Field testing requirements of Specification 416 do not apply."</p> <p><b>Sheet 4:</b> Updated the GEOTEXTILE FABRIC Note: "Provide and install Type D-5 geotextile fabric in accordance with Specifications 514 to contain backfill materials behind the barrier units."</p>
102-200	<p><b>Sheet 2:</b> Changed reference of "Filter Fabric" to "Geotextile".</p> <p><b>Sheet 3:</b> Changed reference of "Filter Fabric" to "Geotextile".</p>
102-600	<p><b>Sheet 1:</b> Added symbols legend.</p> <p><b>Sheet 9:</b> Added left-turn lane closure detail.</p> <p><b>Quick Reference Sheet:</b> Updated coefficient in Table 8.</p>
102-660	Increase the maximum work zone speed allowed for Option 2 to 45mph.
120-001	Update Note 4 to reference proper testing.
400-010	<b>Sheet 2:</b> Updated the TYPICAL BACK-FILL DETAIL Callout: " Install a continuous 1.5' x 1.5' drain using clean, broken stone or grave, graded and placed to allow free drainage. Provide and install Type D-3 geotextile in accordance with Specifications 514 around the perimeter to prevent fill from washing out."
400-011	Updated GENERAL NOTES: Note 1 - 3 Updated to active voice. Note 5 - Updated "Joint Seal: Provide and install organic bond breaker or Type D-5 geotextile in accordance with Specifications 400 and 514, respectively." Note 6 - Updated reference from Specification 985 to Specification 514. Changed all references of "Geotextile Fabric" to "Geotextile". Changed all references of "Section" to "Specification".
400-289	<p><b>Sheet 5:</b> Changed the location of the main reinforcing in Detail J and K to be at the correct point of the radius to maximize the effectiveness of the reinforcing; Changed callout "Filter Fabric" to "Geotextile" in DETAIL "B".</p> <p><b>Sheet 6:</b> Changed callout "Filter Fabric" to "Geotextile" in DETAIL "L".</p> <p><b>Sheet 7:</b> Changed callout "Filter Fabric" to "Geotextile" in DETAIL "L" and DETAIL "N".</p> <p><b>Sheet 8:</b> Changed all references "Filter Fabric" to "Geotextile" and changed Specification reference of 985 to 514 in the ASPHALTIC CONCRETE BASE detail.</p>

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400-291	<b>All Sheets:</b> Changed all references of "Filter Fabric" to "Geotextile".
400-292	<b>Sheet 1:</b> Changed all references of "Filter Fabric" to "Geotextile". <b>Sheet 7:</b> Changed all references of "Filter Fabric" to "Geotextile".
415-010	<b>Sheet 1:</b> Added hook styles to the reinforcing list.
425-001	<p><b>Sheet 1:</b> Updated the Table of Contents to reflect title change on Sheet 3.</p> <p><b>Sheet 3:</b> Added Note "Wrap with geotextile in accordance with Specification 514."to the PIPE TO STRUCTURE FILTER FABRIC WRAP detail; Changed all references of "Filter Fabric" to "Geotextile".</p> <p><b>Sheet 4:</b> Added Note 4 "Install Type D-3 geotextile in accordance with Specifications 514." to the SUMP BOTTOM detail.; Changed all references of "Filter Fabric" to "Geotextile".</p>
425-031	<b>Sheet 1:</b> General Note 5 altered to specify "If Alternate G grate is specified in the Plans, field installation of a roller bar is not permitted."
425-052	Moved the note about slot placement from the non-traversable inlet details to General Notes. The note and requirement should apply to all the inlets that have slots.
430-001	<p><b>Sheet 1:</b> Updated Table of Contents to reflect title change on Sheet 3.</p> <p><b>Sheet 2:</b> In the ROUND CONCRETE PIPE DETAIL, Deleted Notes 1 and 2; Added New Note 1 "Locate the last full wrap of reinforcement within 3 inches of the spigot shoulder and meet ASTM C76 for round pipe."; Updated all Note references; Updated detail to show 3" "Max" dimension. In the ELLIPTICAL CONCRETE PIPE JOINT DETAIL, Added New Note 1 "Locate the last full wrap of reinforcement within 3 inches of the spigot shoulder and meet ASTM C507 for elliptical pipe."; Updated new Note 2 to "Type D-3 Geotextile Jacket is required on both type of joints."; Updated Note 3 to "Details shown before joint is homed."; Added "3" Max (See Note 1)" callout and dimension to both details.</p> <p><b>Sheet 3:</b> Updated Note 2 "Install Type D-3 geotextile in accordance with Specification 514. Install securing device to hold the geotextile jacket on to the pipe."; Changed all references of "Filter Fabric" to "Geotextile".</p>

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430-012	<p><b>Sheet 1:</b> Added GENERAL Note 5 "Install Type D-2 geotextile fabric in accordance with Specifications 514."</p> <p><b>Sheet 2:</b> Changed all references of "Filter Fabric" to "Geotextile".</p>
430-022	<p>General Note 1: Added "or use manufacturer approved coupler" on the end.</p> <p>General Note 2: Added "metal" between corrugated and mitered. Delete "either."</p>
440-001	<p><b>Sheet 1:</b> Updated Note 5 "Install Type D-3 geotextile fabric in accordance with Specification 514."; Changed all references of "Filter Fabric" to "Geotextile".</p> <p><b>Sheet 2:</b> Changed all references of "Filter Fabric" to "Geotextile".</p> <p><b>Sheet 3:</b> Changed all references of "Filter Fabric" to "Geotextile".</p>
443-001	<p><b>Sheet 1:</b> Updated Note 3 "Install Type D-3 geotextile fabric in accordance with Specification 514."; Changed all references of "Filter Fabric" to "Geotextile".</p> <p><b>Sheet 2:</b> Changed all references of "Filter Fabric" to Geotextile.</p>
446-001	<p><b>Sheet 1:</b> Updated Note 4 "Provide and install Type D-3 geotextile fabric in accordance with Specifications 514."; Changed all references of "Filter Fabric" to Geotextile.</p> <p><b>Sheet 3:</b> Moved Note 3 to General Note 4 on Sheet 1; Renumbered Notes; Updated Note references in callout; Changed all references of "Filter Fabric" to "Geotextile".</p> <p><b>Sheet 4:</b> Moved Note 3 to General Note 4 on Sheet 1; Renumbered Notes; Updated Note references in callout; Changed all references of "Filter Fabric" to "Geotextile".</p>
450-511	<p><b>Sheet 1:</b> Changed Dimension L to account for the skew angle; Added Dimension "L" on plan; Added note clarifying negative dimension for AASHTO Beam anchor studs.</p>
455-001	<p><b>Sheet 1:</b> Corrected typo in Note 6.</p>
455-031	<p><b>Sheet 1:</b> Changed the location of the dowels; Deleted part of note 2 not allowing for corrugated galvanized metal pipe forms.</p>

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455-154	<p><b>Sheet 1:</b> Corrected Note 3 language for clarity.</p>
455-400	<p><b>Sheet 1:</b> Changed the "PLASTIC FILTER FABRIC" Note in the SHEET PILE DESIGN CRITERIA AND NOTES to "GEOTEXTILE: Provide and install Type D-2 or D-3 geotextile in accordance with Specifications 514. Extend the geotextile to the bottom of the "X" dimension."; Changed all references of "Filter Fabric" or "Plastic Filter Fabric" to "Geotextile".</p>
455-440	<p><b>Sheet 1:</b> Changed the "PLASTIC FILTER FABRIC" Note in the SHEET PILE DESIGN CRITERIA AND NOTES to "GEOTEXTILE: Provide and install Type D-2 or D-3 geotextile in accordance with Specifications 514. Extend the geotextile to the bottom of the "X" dimension."; Changed all references of "Filter Fabric" or "Plastic Filter Fabric" to "Geotextile".</p>
458-110	<p><b>Sheet 1:</b> Changed annotation about form material to indicate it should be removed completely.</p>
509-070	<p><b>Sheet 1:</b> Change General Note 5, Class VI to 3-4; Delete Type V and Type VI from Traffic Control Devices for Flush Shoulder Roadway Details.</p> <p><b>Sheet 3:</b> Change 12'-5" min in PLAN; Change 51" Max to 57" Min in Median Section at Signal Gates Detail.</p>
521-001	<p><b>Sheet 2:</b> Revised note 5 to accommodate "shoulder rocking".</p>
521-510	<p><b>Sheet 4:</b> Corrected reinforcing steel estimated quantities.</p>
521-511	<p><b>Sheet 1:</b> Updated references to notes.</p> <p><b>Sheet 3:</b> Corrected reinforcing steel estimated quantities.</p>
521-513	<p><b>Sheet 2:</b> Corrected reinforcing steel estimated quantities.</p>
521-650	<p><b>Sheet 1:</b> Table 1 - Changed the column headings to "Top of Pedestal Height (Ft.)" and "Luminaire Mounting Height"; Note 10 - Added Index 521-611 reference.</p> <p><b>Sheet 3:</b> Detail "A" - Added minimum depth for base plate; Added new Anchor Plate Detail.</p>

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524-001	<p><b>Sheet 1:</b> Updated GENERAL NOTE 5 "Select appropriate geotextile based on the application type referenced in Specification 985 and install in accordance with Specification 514 under all ditch pavement except for miscellaneous asphalt."  <b>Sheet 2:</b> Changed "Filter Fabric" to "Geotextile" in Table 1.  <b>Sheet 3:</b> Changed all references of "Filter Fabric" to "Geotextile".</p>
536-001	<p><b>ALL Sheets:</b> Renumbered all notes and sheet borders to account for new Sheet 21.  <b>Sheet 1:</b> Updated Table of Contents to add new Sheet 21; Modified General Note 4 to remove the need for washers at panel splices and steel post flanges.  <b>Sheet 5:</b> Removed Modified Thrie-Beam reference in Note 6  <b>Sheet 18:</b> Revised to increment Sections F-F to H-H and G-G to I-I  <b>Sheet 19:</b> Revised to increment Section H-H to J-J  <b>Sheet 20:</b> Added new reference for trailing end curb options in Note 1  <b>Sheet 21: New Sheet</b> Added new Index Sheet for "Trailing End Transition Connection to Rigid Barrier - Curb Connections" (Curb Options).</p>
546-001	Removed the option for stacking multiple applications of preformed thermoplastic to achieve a height of 1/2" for Raised Rumble Strips. Included a 6" offset from the end of the rumble strips to lane lines.
550-011	<b>All Sheets:</b> Change Index title.
550-012	<b>Sheet 1:</b> Replaced the 7'-5" dimension because the calculated dimension is off by 3/8" and the dimension varies depending on clear width; Removed the 5'-5" dimension because it varies; Revised the Clear Width note from 5ft min to add 12 ft max.
550-013	<b>All Sheets:</b> Change Index title.
630-010	<b>Sheet 1:</b> Revised conduit call out to remove material specification.
639-001	<b>Sheet 1:</b> Added pole dimensions for the new Type P-IID concrete pole option in Detail B; Removed height dimensions for the meter and service disconnect in Details A and B; Added reference to Note 6 in the meter and service disconnect callouts in Details A and B; Added Note 5 to reference Index 641-010 for prestressed concrete pole details and explain optional pole usage; Added Note 6 to provide height information for the meter and service disconnect.

Standard Plan Index	Description
641-020	<p><b>Sheet 2:</b> Added note allowing additional strand pattern and updated associated tables.  <b>Sheet 3:</b> Added a new strand pattern.</p>
646-001	Added Note 6, "In lieu of footing design shown, a Spread Footing may be used in accordance with index 700-120."
649-010	<p><b>Sheet 1:</b> Changed phrase from "full-penetration groove" to "complete joint penetration; Changed note 1 and revised Section A-A to add clarity to anchor bolt nuts.  <b>Sheet 3:</b> Changed weld detail to say "CJP."</p>
649-020	<p><b>Sheet 1:</b> Changed phrase from "full-penetration groove" to "complete joint penetration."  <b>Sheet 3:</b> Changed note 2 and revised Section A-A to add clarity to anchor bolt nuts.  <b>Sheet 4:</b> Changed weld detail to say "CJP."</p>
649-031	<p><b>Sheet 1:</b> Changed phrase from "full-penetration groove" to "complete joint penetration."  <b>Sheet 2:</b> Changed note 3 and revised Section A-A to add clarity to anchor bolt nuts.  <b>Sheet 3:</b> Added a note about the diameter of the female splice.  <b>Sheet 4:</b> Changed weld detail to say "CJP."  <b>Sheet 6:</b> Changed weld detail to say "CJP."</p>
654-001	Update Note 4; Added Note 12, "In lieu of footing design shown, a Spread Footing may be used in accordance with index 700-120."
676-010	<p><b>All Sheets:</b> Renumbered  <b>Sheet 1:</b> Deleted Existing Controller Cabinet detail and Notes  <b>Sheet 3:</b> Updated Metal Pole to have an ITS Cabinet  <b>Sheet 4:</b> New sheet for Ground Mounted Controller Cabinet Riser.</p>

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695-001	<p><b>Sheet 1:</b> Added modem antenna to cabinet; Removed "furnished separately" from Backplane callout; Moved J1 Mounting Bracket Details to Sheet 18; Added Table of Content; Updated Note 1D from "J1" to "P1"; Updated Note 4 to read "Provide and install Speed/Classification Unit, Modem, and Antenna."; Updated Note 5 to be consistent with other sheets; Updated Note 6 to read "Provide and install a 12-fiber single mode cable, a 12-port patch panel, and a managed field Ethernet switch." Titled sheet Continuous Count Station Traffic Monitoring Site - TTMS/CCS."</p> <p><b>Sheet 2:</b> Added modem antenna to cabinet; Removed "furnished separately" from Backplane callout; Updated Note 1D from "J1" to "P1"; Updated Note 4 to read "Provide and install Speed/Classification Unit, Modem, and Antenna."; Update Note 5 to be consistent with other sheets; Updated Note 6 to read "Provide and install a 12-fiber single mode cable, a 12-port patch panel, and a managed field Ethernet switch." Titled Sheet "Continuous Count Station Traffic Monitoring Site - TTMS/CCS"; Changed Veh. Sensor Term. Strip to Piezo Sensor Terminal Strip.</p> <p><b>Sheet 3:</b> Titled sheet for Continuous Count Station Traffic Monitoring Site - TTMS/CCS - Cabinet Backplane Details; Updated "Cnte" callout to "Cntr".</p> <p><b>Sheet 4:</b> Titled sheet for Continuous Count Station Traffic Monitoring Site - TTMS/CCS; Titled details "Pinout Chart, Receptacles, and Plug Details"; Corrected Equipment Cable Plug table to P1.</p> <p><b>Sheet 5:</b> Added "Traffic Flow" in each lane; Updated Note #3 to read "Twist loop leads at the rate of 8 to 16 twists per foot. Extend the twisted pair loop wire directly to the cabinet. No splicing of the loop leads will be permitted." Deleted Note #6; Moved DETAILS 'A' THRU 'C' to Sheet 18; Titled sheet "Continuous Count Station Traffic Monitoring Site - TTMS/CCS - Lane Layout for TTMS/CCS Inductive Loop and Axle Sensors"; Updated callouts to specify "non weight" axle sensors; Renumbered notes.</p> <p><b>Sheet 6:</b> New Sheet 11 - Weigh-In-Motion Monitoring Site -Redeveloped to show Lane Layout for TTMS/CCS Inductive Loop and Weigh-In-Motion Sensors.</p> <p><b>NEW Sheet 6:</b> - Short Term Traffic Monitoring Site - PTMS - Cabinet Layout Details (Four Lanes or Less).</p> <p><b>Sheet 7:</b> Deleted Sheet.</p>

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695-001 Cont.	<p><b>Sheet 8:</b> New Sheet 19 - Non-Intrusive Vehicle Sensor; Added Note 4 - "Cabinet, ground rod pull box, and maintenance service slab installed per Index 676-001, except cabinet center will be 4 feet above grade."; Added Maintenance Service Slab and Pull Box for ground rod to the ELEVATION detail.</p> <p><b>NEW Sheet 8:</b> Short Term Traffic Monitoring Site - PTMS - Lane Layout for TMS Inductive Loop and Axle Sensors.</p> <p><b>Sheet 9:</b> New Sheet 20 - Added Title "Solar Power Pole with Pole Mounted Cabinet and Pedestal Mounted Cabinet Details"; Updated Note 1 to read "Cabinet, ground rod pull box, and maintenance service slab installed per Index 676-001, expect cabinet center will be 4 feet above grade."; Added Maintenance Service Slab and Pull Box for ground rod to the two ELEVATION details; Deleted ground rod clamps and added exothermic weld call out; Updated the DETAILS lettering sequence.</p> <p><b>NEW Sheet 9:</b> Weigh-In-Motion Monitoring Site - Cabinet Layout Details (Four Lanes or Less).</p> <p><b>Sheet 10:</b> New Sheet - Weigh-In-Motion Monitoring Site - Cabinet Backplane Details.</p> <p><b>Sheet 11:</b> New Sheet - Previous Sheet 6.</p> <p><b>Sheet 12:</b> New Sheet - Non-Motorized Monitoring Site - Cabinet Layout Details.</p> <p><b>Sheet 13:</b> New Sheet - Non-Motorized Monitoring Site - Cabinet Sideplane and Cabinet Backplane Details.</p> <p><b>Sheet 14:</b> New Sheet - Non-Motorized Monitoring Site - Narrow Side Path Configurations.</p> <p><b>Sheet 15:</b> New Sheet - Non-Motorized Monitoring Site - Large Shared Use Path Configurations.</p> <p><b>Sheet 16:</b> New Sheet - Non-Motorized Monitoring Site - Extra Large Shared Use Path Configurations.</p> <p><b>Sheet 17:</b> New Sheet - Non-Motorized Monitoring Site - Paved Sidewalk Configuration.</p> <p><b>Sheet 18:</b> New Sheet - Details 'A' thru 'F'.</p> <p><b>Sheet 19:</b> New Sheet - Previous Sheet 8.</p> <p><b>Sheet 20:</b> New Sheet - Previous Sheet 9.</p>
700-010	<p><b>Sheet 5:</b> Change minimum Driven Post Hole Diameter to 12" and added Note 2 about an alternate post hole shape.</p> <p><b>Sheet 9:</b> Changed second sign from top on 3rd column (right column from 2 digit US Shield to 3 digit US Shield. Changed sign image.</p>

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700-011	Changed the first column to have sign size of Width x Height rather than Height x Length. The four dimensions under the heading will need to be reversed to make this change complete.
700-020	<p><b>Sheet 1:</b> Revised bolts in the Hanger Beams to show correctly; Changed all reference of length to width and depth to height.</p> <p><b>Sheet 2:</b> Added Foundation Notes to allow for precast concrete foundation with an octagon shape as a substitute for the circular shaped foundation shown.</p> <p><b>Sheet 3:</b> Revised bolts in the Hanger Beams to show correctly; Changed all reference of length to width and depth to height.</p>
700-030	<b>Sheet 1:</b> Corrected CADD error not showing the bolts in the Hanger Beams correctly; Added language to Detail B bolt call out to clarify number of bolts required; Changed all reference of length to width and depth to height.
700-090	<b>Sheet 4:</b> Changed weld detail to say "CJP."
700-101	Add reflective strip to post on WWD sign Case X.
700-102	For signs G20-1 and G20-2 changed the dimension from height x width to width x height (4'x2').
700-110	Added missing callout; Added additional callouts for clarity; Changed all reference lengths to width to keep consistent with MUTCD.
700-120	<p><b>Sheet 3:</b> New Sheet - Spread Footing Foundation</p> <p><b>Sheet 12:</b> New Sheet - Roadside Sign Assembly - 9</p> <p><b>Sheet 13:</b> New Sheet - Roadside Sign Assembly - 10</p> <p><b>Sheet 14:</b> New Sheet - Roadside Sign Assembly - 11</p>
711-003	<b>Sheet 1:</b> Deleted 18" white hash marks.
715-001	<b>Sheet 1:</b> Deleted the "Access Panel" drawing and added a "Pole Base" callout on the 'Metal Pole Wiring Detail'. Added the "Access Door" drawing and a "Pole Base" callout on the 'Metal Pole Detail'.

Standard Plan Index	Description
715-002	<p><b>Sheet 4:</b> Added Shaft Foundation Note 3 to allow for concrete foundation with an octagon shape as a substitute for the circular shaped shaft that's shown.</p> <p><b>Sheet 5:</b> Added new structural grout pad details to the plan and section view. Added new note 9 to explain structural grout pad construction and reference specification.</p> <p><b>Sheet 6:</b> Changed weld detail to say "CJP."</p>
715-003	<b>Sheet 3:</b> Added Foundation Note 3 to allow for precast foundation with an octagon shape as a substitute for the circular shaped shaft foundation shown.
715-010	<p><b>Sheet 1:</b> Changed phrase from "full-penetration groove" to "complete joint B70penetration.</p> <p><b>Sheet 2:</b> Added Table numbers.</p> <p><b>Sheet 3:</b> Corrected the welding arrows on Section A-A and C-C to be consistent with AWS; Added note to Section CC that silicone caulk should be done after galvanizing; Changed weld detail to say "CJP."</p>