

DIGEST OF REVISIONS

2023 STANDARD PLANS ERRATUM NO. 1

01-22-24

GENERAL

For the 2023 edition Standards, Revised Standard Plans are new or revised standard plans.

The listed Revised Standard Plans (RSPs) supersede the comparable standard plans in the 2023 edition Standard Plans book or supplement the 2023 edition Standard Plans book.

PLAN SPECIFIC

PLAN NO.	CHANGES
RSP A20B	Detail 25: Replaced "Type RY Red-Yellow Retroreflective Markers" with "Type H One-way Yellow Retroreflective Markers". Detail 25B: Replaced "Type H One-way Yellow Retroreflective Markers" with "Type RY Red-Yellow Retroreflective Markers".
RSP A24J	New Revised Standard Plan for Pavement Markings - Speed Measurement.
RSP A24K	New Revised Standard Plan for Pavement Markings - Bicycle Obstruction Markings.
RSP A76A	Note 9: Added note for minimum length of Type 60 barrier. Concrete Barrier Type 60MD: Revisions to #4 and #5 reinforcement.
RSP A76AB	Note 8: Revised note 8. Note 9: New note for minimum length of Concrete Barrier Type 60M series. Note 10: New note regarding #5 reinforcement for Concrete Barrier Type 60 transition
RSP A76BM	Sheet Title: Replaced "Luminaire" with "Small Pole". Elevation: For the callout within the 25' transition, added ";Type 1-A or 1-D, Signal Pole; or CC TV 25" after "Luminaire". Deleted the reference to RSP ES-6B. Plan: Added reinforcement to match "Elevation" detail.
RSP A76BN	Sheet Title: Replaced "Luminaire" with "Small Pole". Elevation: For the callout within the 35' transition, added ";Type 1-A or 1-D, Signal Pole; or CC TV 25" after "Luminaire". Deleted the reference to RSP ES-6B. Plan: Added reinforcement to match "Elevation" detail.
RSP A76BO	Sheet Title: Replaced "Luminaire" with "Small Pole".
RSP A76BP	Sheet Title: Replaced "Luminaire" with "Small Pole". Elevation: For the callout within the 25' transition, added ";Type 1-A or 1-D, Signal Pole; or CC TV 25" after "Luminaire". Deleted the reference to RSP ES-6B. Plan: Added reinforcement to match "Elevation" detail.
RSP A76BQ	Sheet Title: Replaced "Luminaire" with "Small Pole". Elevation: For the callout within the 35' transition, added ";Type 1-A or 1-D, Signal Pole; or CC TV 25" after "Luminaire". Deleted the reference to RSP ES-6B. Plan: Added reinforcement to match "Elevation" detail.
RSP A76BR	Sheet Title: Replaced "Luminaire" with "Small Pole".
RSP A76C	Revisions to reinforcement in Sections A-A, B-B, and C-C.
RSP A76D	Note 7: New note for minimum length of Concrete Barrier Type 60M series.
RSP A76E	Notes 7 & 8: New notes for dropping #5 reinforcement for Concrete Barrier Type 60MG through transition. Added references for notes 7 and 8 in the Elevation views for concrete barrier transitions.
RSP A76F	Revised the reinforcement for Sections A-A, C-C, and D-D.
RSP A76HA	New Revised Standard Plan for Concrete Barrier Type 60MS - Connection to

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	Crash Cushion.
RSP A76HB	New Revised Standard Plan for Concrete Barrier Type 60 MS to AGT.
RSP A76I	Revised the reinforcement for Sections A-A, B-B, and C-C.
RSP A76K	Revised the following details: Plan, Elevation, Section A-A, Detail A. Revised notes 3, 4, and 5, revised and moved the contents of note 7 into note 6. Deleted note 7.
RSP A76L	Note 2: Revised note by inserting "and reinforcement" between "Barrier end anchorage" and "shall be".
RSP A77L1	Section Thru Rail Element: Revised the callout from "0.108" nominal" to "12 Ga Nominal". Corrected notes for RSP references.
RSP A77L2	Section Thru Rail Element: Revised the callout from "0.108" nominal" to "12 Ga Nominal". Corrected notes for RSP references.
RSP A77L4	New Revised Standard Plan RSP A77L4 created by moving the contents of 2023 Standard Plan A77U5. 2023 Standard Plan A77U5 is canceled.
RSP A77M1	Elevation - End Cap Type A: Revised the callout from "0.108" nominal" to "12 Ga Nominal". Added Nominal Gage thickness for 10 and 12 gage.
RSP A77N1	Deleted the Side and Front Details for 10" x 10" wood post. Deleted the text for existing note 5 and replaced with text from note 7. Deleted note 7.
RSP A77N2	Deleted the details for W6x15 Steel post, 8" x 8" Notched Wood or Plastic Block, 8" x 12" Notched Wood or Plastic Block. Deleted note 8 and revised note 7 by deleting "and 8" x 12" notched wood block".
RSP A77N4	Measure Height Detail at Grade Break: Revised H for thrie beam to 34" ± 1" Note 4: Corrected RSP reference.
RSP A77Q1	Type 12A, Type 12B Layouts: Replaced wood posts with steel posts for AGT transition and replaced Type WB-31 with AGT. Notes 1, 4, 5, 8, 10,11, 12: Corrected RSP references.
RSP A77Q2	Type 12C, Type 12D Layouts: Replaced wood posts with steel posts for AGT transition and replaced Type WB-31 with AGT. Notes 1, 4, 7, 8, 10-12, 14: Corrected RSP references.
RSP A77Q3	Type 12E Layout: Replaced wood posts with steel posts for AGT transition and replaced Type WB-31 with AGT. Notes 1, 4, 5, 10, 12: Corrected RSP references.
RSP A77Q4	Type 12AA and Type 12BB Layouts: Replaced wood posts with steel posts for AGT transition and replaced Type WB-31 with AGT. Notes 1, 4, 7, 9: Corrected RSP references.
RSP A77Q5	Type 12CC Layout: Replaced wood posts with steel posts for AGT transition and replaced Type WB-31 with AGT. Type 12DD Layout: Corrected the references for notes 11 and 12. Notes 1, 4 to 6, 8, 11: Corrected RSP references. Moved the text from note 14 to note 12 and deleted note 14.
RSP A77R3	Notes 1, 5, 9, 12: Corrected RSP references. Note 14: Deleted note.
RSP A77S1	Plan View and Section A-A: Revised the size of wood posts from 5 1/2" x 7 1/2" to 5 1/4" to 7 1/4".
RSP A77T2	Buried Post End Anchor (Type B-F) - Elevation & Plan Views: Removed "Assembly" from the title of Buried Post End Anchor. Revised detail to show limits of payment for Buried Post End Anchor and MGS. Notes 1 and 4: Corrected RSP references. Revised note 2. Revised note 8 by moving the text from note 9 to note 8. Deleted note 9.
RSP A77T3	Buried Post End Anchor (Type B-S) - Elevation & Plan Views: Removed "Assembly" from the title of Buried Post End Anchor. Revised detail to show limits

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	of payment for Buried Post End Anchor and MGS. Showed limits of rub rail. Revised notes 2 and 5 and corrected RSP reference in note 1.
A77U1 (Canceled)	Canceled this Standard Plan.
A77U2 (Canceled)	Canceled this Standard Plan.
A77U3A (Canceled)	Canceled this Standard Plan.
A77U3B (Canceled)	Canceled this Standard Plan.
A77U4 (Canceled)	Canceled this Standard Plan.
A77U5 (Canceled))	Canceled this Standard Plan.
A77V1 (Canceled)	Canceled this Standard Plan.
A77V2 (Canceled)	Canceled this Standard Plan.
A78A (Canceled)	Canceled this Standard Plan.
A78B (Canceled)	Canceled this Standard Plan.
A78C1 (Canceled)	Canceled this Standard Plan.
A78C2 ((Canceled)	Canceled this Standard Plan.
A78D1 (Canceled)	Canceled this Standard Plan.
A78D2 (Canceled)	Canceled this Standard Plan.
A78E1 (Canceled)	Canceled this Standard Plan.
A78E2 (Canceled)	Canceled this Standard Plan.
A78E3 (Canceled)	Canceled this Standard Plan.
A78F1 (Canceled)	Canceled this Standard Plan.
A78F2 (Canceled)	Canceled this Standard Plan.
A78GA (Canceled)	Canceled this Standard Plan.
A78GB (Canceled)	Canceled this Standard Plan.
A78H (Canceled)	Canceled this Standard Plan.
A78J (Canceled)	Canceled this Standard Plan.
A78K (Canceled)	Canceled this Standard Plan.
RSP A78M1	New Revised standard Plan for Thrie Beam Barrier (Type M) Standard Barrier Railing Section.
RSP A78M2	New Revised standard Plan for Thrie Beam Barrier (Type M) Standard Hardware Details.
RSP A78M3	New Revised standard Plan for Thrie Beam Barrier (Type M) Post and Block Details.

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RSP A78P1	New Revised standard Plan for Single and Double Thrie Beam Barrier (Type M) Transition to Midwest Guardrail System.
RSP A78P2	New Revised Standard Plan for Thrie Beam Barrier (Type M) Transition to Thrie Beam Rail.
RSP A78Q1	New Revised Standard Plan for Thrie Beam Barrier (Type M) End Anchors.
RSP A78Q2	New Revised Standard Plan for Double Thrie Beam Barrier (Type M) Emergency Passageway Details.
RSP A78Q3	New Revised Standard Plan for Thrie Beam Barrier (Type M) at Fixed Objects in Median.
RSP A78R	New Revised Standard Plan for Thrie Beam Barrier (Type M) Typical Layout for Connection to Bridge Railing.
RSP A79A1	New Revised Standard Plan for Transition Railing (Type AGT).
RSP A79A2	New Revised Standard Plan for Transition Railing (Type AGT) to Thrie Beam Barrier (Type M).
RSP A79A3	New Revised Standard Plan for Transition Railing (Type AGT) Details.
RSP A79B1	New Revised Standard Plan for Transition Railing (Type AGT) to Bridge Railings without Sidewalks.
RSP A79B2	New Revised Standard Plan for Transition Railing (Type AGT) to Bridge Railing with Sidewalks.
RSP A79C1	New Revised Standard Plan for Transition Railing (Type AGT) Connections to Abutments and Walls.
RSP A79C2	New Revised Standard Plan for Departing Transitions Connections to Abutments and Walls.
RSP A81A	Replaced the title of detail "Array U12M" with "Array U14M" and added two (2) barrels weighing 2,100 lbs. each.
RSP P74	Driveway and Intersection: Corrected the spelling of "Intersection" in the detail title.
RSP D85	Section B-B: In the callout for Longitudinal Bars, added "and footing" at the end.
RSP D86B	Section C-C: Deleted the 3" dimension at the base.
RSP D86C	Section C-C: Deleted the 3" dimension at the base.
RSP D90	Elevation: Revised the callout for "No. 8 additional bars, tot 2" to "No. 6 additional bars". Straight Wing Wall - Typical footing plan: Revised the detail.
RSP H5	Section- Sprinkler Protector Type II: Deleted the extra arrow next to the 1" dimension. Sprinkler Protector Type I: In the Section and Plan detail, replaced the callout for "Sprinkler or Quick Coupling Valve" with "Sprinkler".
RSP T1A	Array TU12M: Revised detail by adding two (2) barrels weighing 2,100 lbs and revised the detail title to "Array TU14M".
RSP B11-58	Various revisions to the sheet to accommodate Approach Guardrail Transition (Type AGT) and to provide for construction tolerances. Revised RSP references and various other revisions. Plan: Added new section F-F; section F-F details shown on new sheet RSP B11-59A. Replaced section D-D at Departure End Block with section H-H. Section B-B: Added a reference to note 6. Revised the callout for "Top of Roadway Surface" with "Bridge Deck or FG". Removed "Typical Curb Detail" and "Utility Duct Expansion Joint" details. Notes: Added language to note 6 regarding utility duct expansion. Revised note 10. Added note 11 for location of departure end block within clear recovery zone. Minor revisions to notes 2 and 4.
RSP B11-59	Various revision to accommodate Approach Guardrail transition and revised RSP references. Section C- C - Type E-1 & Type E-2: Added sidewalk reinforcement. Dashed the construction joint line. Sections D-D & H-H: Revised section D-D for Approach Transition End Block and added section H-H for Departure End Block.

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	Section E-E: Minor revisions to callouts and reinforcement. Pedestal Details: Revised the callout for #5 bars on the left, and for extending #5 bars beyond pullbox on the right side of pedestal.
RSP B11-59A	New Revised Standard Plan for Concrete Barrier Type 732SW Details No. 3.
RSP B11-79	Multiple revisions to the sheet to accommodate Approach Guardrail Transition (Type AGT) and to provide for construction tolerances, revised RSP references, and various other revisions. Plan: Moved section G-G from Approach Transition End Block to Departure End Block and created new section J-J for Approach Transition End Block; section J-J detail shown in RSP B11-80A.
RSP B11-80	Multiple revisions to the sheet. Section G-G - Revised section detail to match with departure end instead of approach end. Revised notes 3, 5, 7, and 9.
RSP B11-80A	New Revised Standard Plan for Concrete Barrier Type 836 Details No. 3.
RSP B11-81	Multiple revisions to the sheet to accommodate Approach Guardrail Transition (Type AGT) and to provide for construction tolerances, revised RSP references, and various other revisions. Plan: Moved section G-G from Approach Transition End Block to Departure End Block and created new section J-J for Approach End Block; section J-J detail shown in RSP B11-82A
RSP B11-82	Multiple revisions to the sheet. Section G-G: Revised section detail to match with Departure End Block instead of Approach End Block.
RSP B11-82A	New Revised Standard Plan for Concrete Barrier Type 842 Details No. 3.
RSP B11-83	Multiple revisions to this sheet for Concrete Barrier Type 85 (Details no. 1). Upgraded details for Transition Railing (Type AGT). Moved details A-A, B-B, and 85A to new RSP B11-83A.
RSP B11-83A	New Revised Standard Plan for Concrete Barrier Type 85 Details No. 2.
RSP B11-84	Typical Section: Moved detail and corresponding notes to sheet RSP B11-83. Type 85B: Moved detail to new sheet RSP B11-83A. Section C-C: Added new section at scupper. Plan at Upper Beam: Revised the post details. Plan at Lower Beam (curb) & Elevation detail: Added the scupper and rearranged rebar. Replaced callout for "Top Beam" with "Upper beam". Upgraded all details for the added scupper.
RSP B11-85	Various revisions to this sheet and added references for new notes 4 and 5. Section B-B: Minor revisions to this detail and added a reference for note 1 for mortar pad thickness. Deleted the existing note regarding mortar pad thickness. Note 1: Revised note 1 for mortar pad thickness.
RSP B11-86	New Revised Standard Plan for Concrete Barrier Type 85 Details No. 5, with details for installing Luminaire.
RSP B 11-87	New Revised Standard Plan for Concrete Barrier Type 85 Details No. 6, with details for Approach Transition End Block.
RSP B11-200	New Revised Standard Plan for California ST-75 Bridge Rail Details No. 1.
RSP B11-201	New Revised Standard Plan for California ST-75 Bridge Rail Details No. 2.
RSP B11-202	New Revised Standard Plan for California ST-75 Bridge Rail Details No. 3.
RSP B11-205	New Revised Standard Plan for California ST-75SW Bridge Rail Details No. 1.
RSP B11-206	New Revised Standard Plan for California ST-75SW Bridge Rail Details No. 2.
RSP B11-207	New Revised Standard Plan for California ST-75SW Bridge Rail Details No. 3.
RSP B11-210	New Revised Standard Plan for California ST-76 Bridge Rail Details No. 1.
RSP B11-211	New Revised Standard Plan for California ST-76 Bridge Rail Details No. 2.
RSP B11-212	New Revised Standard Plan for California ST-76 Bridge Rail Details No. 3.
RSP B11-215	New Revised Standard Plan for California ST-76SW Bridge Rail Details No. 1.
RSP B11-216	New Revised Standard Plan for California ST-76SW Bridge Rail Details No. 2.

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RSP B11-217	New Revised Standard Plan for California ST-76SW Bridge Rail Details No. 3.
RSP B11-220	New Revised Standard Plan for California Bridge Rail ST-75, ST-75SW, ST-76, and ST-76SW Post and Rail Details.
RSP B11-221	New Revised Standard Plan for California Bridge Rail ST-75, ST-75SW, ST-76, and ST-76SW Rail Splice Details.
RSP B11-222	New Revised Standard Plan for California Bridge Rail ST-75, ST-75SW, ST-76, and ST-76SW Parapet Shoe Details.
RSP B15-7	Elevation - Midwest Guardrail System Anchorage: Revised the approach end for Approach Guardrail Transition (AGT). Overlap the reinforcement a distance of 2'-6" between Masonry Block Wall and Concrete End Block. Added reference to note 3. In the title, included a reference for RSP A80A. Section E-E: Revised the footing detail. Note 1: Corrected RSP reference to RSP A79C1. Note 3: Added new note for departure end block within Clear Recovery Zone of opposing traffic.
RSP RS5	Anchor Sleeve in Paved Surface: Added dimensions for the gravel layer. Anchor Sleeve in Unpaved Surface: Added dimensions for the gravel layer. Post Size, Sign Area and Sleeve Size table: Revised the sleeve sizes in the table.
RSP S19	Chord Angle Clamp: Added a note to provide an option to use machined single piece instead of two welded pieces.
RSP S111	Detail 9: Revised the dimension line for >Lw.
RSP ES-1C	Handholes, Pullboxes, and Vaults: For Designation 3, replaced the "no. 3" pull box with "no. 3 1/2" pull box. Used a lower case "v" for existing Vault designation. Conduit and Conductors: Revised the text for new conduit run. Added symbol for existing conduit run. Detectors: Added symbol for piezoelectric axle sensor. Pole, Post, or Standard Designation: Moved from "details" and added a symbol for existing.
RSP ES-4E	Revised the sheet title to "Electrical Systems (Signal Heads)".
RSP ES-5E	New Revised Standard Plan for Electrical Systems (Trench In Pavement).
RSP ES-7B	Note 2: Replaced 4" OD with 4-1/2" OD.
RSP ES-7C	Signal Mast Arm Connection - Elevation: Shorten the pipe so it ends in Pole plate instead of at SMA Plate.
RSP ES-7D	Signal Mast Arm Connection - Elevation: Shorten the pipe so it ends in Pole plate instead of at SMA Plate.
RSP ES-7E	Signal Mast Arm Connection - Elevation: Shorten the pipe so it ends at pole plate instead of at SMA plate.
RSP ES-7F	Signal Mast Arm Connection - Elevation: Shorten the pipe so it ends at pole plate instead of at SMA plate.
RSP ES-7G	Signal Mast Arm Connection - Elevation: Shorten the pipe so it ends at pole plate instead of at SMA plate.
RSP ES-7J	Type 1 - Flashing Beacon Installation - Detail D: Revised the detail and created "Front" and "Side View" details. Signal Mast Arm Mount - Detail A: Deleted the Signal Head from the sign.
RSP ES-7M	Handhole and Anchorage - Detail A: Replaced "Drain Hole" with "Drain Holes" and added a reference to ES-6B for detail N. In the callout for handhole, add "4.5" x 7" oval" between "rectangle" and "handhole". Note 12: New note regarding swaging at the end of Luminaire arm.
RSP ES-7R	Detail A, B, C, D: Added maximum weight for miscellaneous attachments. Note 6: Deleted "with 10 lb max" at the end of the note.