

DIGEST OF REVISIONS

2024 STANDARD PLANS ERRATUM NO. 2

04-21-25

GENERAL

For the 2024 edition Standards, Revised Standard Plans are new or revised standard plans.

The listed Revised Standard Plans (RSPs) supplement the 2024 edition Standard Plans book.

PLAN SPECIFIC

PLAN NO.	CHANGES
RSP A3A	Added an abbreviation for CSC - Conductor Signal Cable.
RSP A76BA	Elevation --- Revised to clearly show the two sets of #4 bars in Concrete Barrier Type 60MP, to match as shown in Section A-A.
RSP A76BB	Elevation --- Revised to clearly show the two sets of #4 bars in Concrete Barrier Type 60PR, to match as shown in Section A-A.
RSP A76BC	Elevation --- Revised to clearly show the two sets of #4 bars in Concrete Barrier Type 60AP, to match as shown in Section A-A. Revised the length of existing rebar to be preserved to 2'-6" from 2'-0". Elevation, Plan --- Show the lines pertaining to existing concrete barrier Type 60A, as dashed instead of solid. Detail A: Revised the dimension for the bend in #4 bar to 6 1/2" from 6".
RSP A76BM	Updated the references to Revised Standard Plans, as applicable. Elevation --- Revised detail to show nuts and washers for the base plate and to show nuts on both sides of the anchor plate.
RSP A76BN	Updated the references to Revised Standard Plans, as applicable. Elevation --- Revised detail to show nuts and washers for the base plate and to show nuts on both sides of the anchor plate.
RSP A76BP	Updated the references to Revised Standard Plans, as applicable. Elevation --- Revised detail to show nuts and washers for the base plate and to show nuts on both sides of the anchor plate.
RSP A76BQ	Updated the references to Revised Standard Plans, as applicable. Elevation --- Revised detail to show nuts and washers for the base plate and to show nuts on both sides of the anchor plate.
RSP A77N16	Revised to replace wood posts with steel posts and add "min" to all dimensions. Revised note 4 by adding language for fixed objects within 3' of guardrail post.
RSP D93A	Ladder Details --- Removed these details. Deleted notes 3, 4, and 6, revised existing note 5 (now note 3), added new notes 4 to 7, renumbered the notes and corrected note references, added Design Notes based on LRFD analysis. Reinforced Concrete Pipe Drain --- Revised the diameter callout from "36" or greater" to "36" Min 60" Max". Reinforced Concrete Pipe Drain - With 36" RCP Riser --- Revised the callout for Anchorage device, replaced bolts with anchors, and added a callout for cutting and bending pipe reinforcement for the collar. Reinforced Concrete Pipe Drain - With 36" Precast Riser --- Added a callout for "Precast or Cast-In-Place Risers". Detail A --- Added 3" dimension for the notch for angle bar.

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H8	Quick Coupling Valve - Elevation --- Reversed the direction of the check valve directional arrow. Cam Coupler Assembly - Elevation --- Deleted the directional arrow for the check valve and added the rebar support and hose clamps to the Cam coupler Assembly consistent with what's shown for the quick coupling valve detail. Added a callout for "Galv Steel Ell (T x T)". Revised the overall placement of the details, callouts, and notes for clarity.
RSP T3F2	Connecting Pin --- Revised the diameter of pin head from 1 3/4" to 1 1/4".
RSP B14-4	Added note 8 specifying the details on this sheet are not designed for seismic and wind loads. Revised note 7 to reference RSP B14-5.
RSP B14-5	Added note 1 specifying the details on this sheet are not designed for seismic and wind loads.
RSP RS5	Anchor Sleeve in Paved Surface, Anchor Sleeve in Unpaved Surface --- Revised the footing dimension from "4'-0" For 2" x 2" x 10 Ga" to "4'-0" For 2" x 2" x 12 Ga".
S1 (CANCELED)	Canceled 2024 Std Plan S1.
S2 (CANCELED)	Canceled 2024 Std Plan S2.
S3 (CANCELED)	Canceled 2024 Std Plan S3.
S4 (CANCELED)	Canceled 2024 Std Plan S4.
S5 (CANCELED)	Canceled 2024 Std Plan S5.
S6 (CANCELED)	Canceled 2024 Std Plan S6 and moved the details into a new Revised Standard Plan RSP S35A, with a new sheet title.
S8 (CANCELED)	Canceled 2024 Std Plan S8.
S9 (CANCELED)	Canceled 2024 Std Plan S9.
S10 (CANCELED)	Canceled 2024 Std Plan S10.
S11 (CANCELED)	Canceled 2024 Std Plan S11.
S12 (CANCELED)	Canceled 2024 Std Plan S12.
S13 (CANCELED)	Canceled 2024 Std Plan S13.
S15 (CANCELED)	Canceled 2024 Std Plan S15.
S17A (CANCELED)	Canceled 2024 Std plan S17A and moved all details into the new Revised Standard Plan RSP S38, with a new sheet title.
RSP S16	Updated the references to Revised Standard Plans, as applicable. Note 4 --- Added new note to specify the details apply to truss, tubular and bridge mounted, but not to versatile truss.
RSP S17	Updated the references to Revised Standard Plans, as applicable. Note 5 --- Added new note to specify the details apply to truss, tubular and bridge mounted, but not to versatile truss.
RSP S18	Section C-C --- Updated the reference to Revised Standard Plans RSP S17. Moved the 3/4" dimension to show the distance from top of base plate to the bottom of 3/8" bar. Note 1 --- Added note to specify the details apply to truss, tubular and bridge mounted, and not to versatile truss.
RSP S19	Note 8 --- Added new note to specify that the details apply to truss, tubular and bridge mounted, but not to versatile truss.
RSP S20	Updated the references to Revised Standard Plans, as applicable. Note 8 --- Added new note to specify the details apply to truss, tubular and bridge mounted, and not to versatile truss. Typical Frame Joint Details - Detail 9 --- Added "CJP" to the callout for the welds at the top left.
RSP S21	Note 2 --- Added new note to specify the details apply to truss, tubular and bridge mounted, and not to versatile truss. Combined existing notes 1 and 2 into note 1 and updated the reference to RSP S20.
RSP S22	Note 5 --- Added new note to specify the details apply to truss, tubular and bridge mounted, and not to versatile truss. Note 1 --- Revised note to reference Revised Standard Plan RSP S20.

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RSP S31	Vertical Post Cantilever --- In the callout for Optional Welded Splice location, revised the reference to Std Plan S2 with Revised Standard Plan RSP S109.
RSP S33	Updated the references to Revised Standard Plans, as applicable.
RSP S34	Details of Lower Handhole and Cover - Elevation --- Deleted the callout for "Tack Weld Hex Nut." Replaced the callout for "1/4" Dia hex head bolt with nut" with "1/2" dia hex head cap screw." Details of Lower Handhole and Cover - Plan --- Revised the callout for "1/4" HHCS-3/4" LS tack weld." Added a callout for "3/4" x 3/4" x 1/2" Plate and added callout for 3/16" welds. Post Base - Elevation --- Updated references to Revised Standard Plan RSP S35.
RSP S35	Anchor Bolt Template Assembly - Plate Washer Type --- Various revisions to this detail. Anchor Bolt Template - Ring Plate Type --- Various revisions to this detail. Post to Base Plate Connection Detail --- Revised detail to show the weld on bottom left side and revised the reference for gusset plate from Std Plan S6 to RSP S35A. Table --- Revised the table heading to "Ring Dimensions" from "Template Dimensions." Deleted the abbreviation for Bolt Circle Diameter.
RSP S35A	New Revised Standard Plan for Overhead Signs - Tubular, Gusset Plate, created by moving the details from 2024 Std Plan S6, which is concurrently canceled.
RSP S36	Updated references to Revised Standard Plans, as applicable. Foundation detail --- Moved the anchor bolt template ring plate farther down to the end of the anchor bolts, added nuts at the top of the plate, and removed all washers between the plate and the nuts.
RSP S37	Updated references to Revised Standard Plans as applicable. Foundation detail --- Moved the anchor bolt template ring plate farther down to the end of the anchor bolts, added nuts at the top of the plate, and removed all washers between the plate and the nuts.
RSP S38	New Revised Standard Plan RSP S38 for Overhead Signs - Tubular Compression Strut at Walkway, created by moving the details from 2024 Std Plan S17A, which is concurrently canceled.
RSP S48	Alternative Anchor Bolt Bar Connections --- Deleted 2 of the 3 connections, added bolts above the bar for the remaining connection, and revised the detail title to "Anchor Bolt Bar Connection". Typical Details of Handhole and Cover - Plan, Elevation --- Revisions to Handhole Cover Plate. Anchorage Side Bolt --- Deleted the weld and added nut and bolt for the anchor plate. Anchorage Bolt --- Added nuts at the bottom of the anchor bolt at anchor bolt bar. Note 4 - Revised note to reference RSP ES-6B.
RSP S49	Pile Foundation - Elevation --- Added nuts to both sides of anchor bolts bar, updated reference to RSP S48, and in the callout, replaced "ground surfacing" with "ground surface." Spread Footing - Elevation --- Added nuts to both sides of anchor plate.
RSP S50	Detail G --- Revise welds. Elevation A, Section A-A, Sign Mounting - Detail H --- Revised the details by lining up the top of EMS sign panel with the topmost bolt and other related changes. Revised callouts to reference Revised Standard Plans as applicable. Replaced "TS" designation with "HSS". Note 2 --- Revised to reference Std Plan S113 instead of Std Plan S13.
RSP S83	Table: Revised the 1st column heading to say "Panel Depth" instead of "Depth."

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RSP S100	CMS Loading Table --- Revised the table by switching the Case 1 requirements with Case 2 requirements and vice versa. Notes to Fabricators --- Updated the references to the Revised Standard Plans, as applicable.
RSP S103	Anchor Bolt Template Assembly, Alternate Anchor Bolt Template Assembly, Post and Anchorage Details --- Revised the details for nuts and washers at anchor plate. Alternate Anchor Bolt Template Assembly --- Revised the dimension for Galv length to 1'-6" Min.
RSP S104	Elevation --- Revised to show nuts on both sides of the anchor bolt template ring plate. Notes 1, 5, 7 --- Revised notes to update references to Revised Standard Plans.
RSP S105	Elevation --- Revised to show nuts on both sides of the anchor bolt template ring plate. Notes 1, 5, 6, 7 --- Revised notes to updated references to Revised Standard Plans.
RSP S108	Post and Anchorage Details --- Moved the anchor bolt template plate to the bottom of the bolt, added nuts on top of the plate and removed the washers. Base Plate without split --- Replaced the callout for "base plate" with "anchor bolt template ring plate." Anchor Bolt Template Assembly --- Multiple revisions to this detail. Anchor Bolt Template --- Revised the callout for "base plate" with "anchor bolt template."
RSP S109	Updated references to Revised Standard Plans, as applicable. Elevation --- Revised to show nuts on both sides of the Anchor Bolt Template ring plate. Revised handhole to show a side view of it. Typical Details of Handhole and Cover -- Multiple revisions to "Elevation" and "Plan" details. Notes 1, 5, 7: Revised notes to update references to Revised Standard Plans.
RSP S110	Elevation --- Revised to show nuts on both sides of the Anchor Bolt Template ring plate. Revised handhole to show a side view of it. Notes 1, 5, 6, 7: Revised to updated references to Revised Standard Plans.
RSP S120	Frame to Frame Connection Details - Detail 11 --- Revised the callout to say "see Slot Table" instead of "see table above." Typical Frame Joint Details - Detail 10 --- Revised to add "PJP" designation for the weld. General Notes --- Revised the note to say "See Section Length table" instead of "See table above."
RSP S123B	New Revised Standard Plan for Overhead Signs - Versatile Truss - Upper Handhole Details for CMS.
RSP ES-6A	Updated the references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised to add nuts for the anchor plate.
RSP ES-6B	Electrolier Anchorages - Detail B --- Revised to add nuts on top of the anchor plate. For the nut below the plate, show a threaded section. Removed the callout for the 1/8" weld at the anchor plate, in Detail B-1.
RSP ES-6C	Updated the references to Revised Standard Plans, as applicable. Note 4 --- Revised note to say "See Standard Plan S113 for Versatile Truss (Similar for Overhead Truss.)"
RSP ES-6D	Updated the references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised the nuts and washers for anchor plate. Elevation B --- Added a callout for "See Details for Concrete Barrier Type 60 MF and 60 MSF". Base Plate - Detail B --- Replaced the dimension "D1" with "BC." Note 3 --- Revised note.
RSP ES-6E	Updated the references to Revised Standard Plans, as applicable. Elevation A --- Revised detail by removing plate washers at the Anchor Plate and adding nuts on top of the plate.

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RSP ES-6G	Updated all references to Revised Standard Plans, as applicable. Elevation A --- Revised detail by removing plate washers at the anchor plate and adding nuts on top of the anchor plate.
RSP ES-7A	Updated all references to Revised Standard Plans, as applicable. Types 15T and 21 TS Standard - Elevation A, Type 2 Post - Detail B - Elevation --- Revised details by removing plate washers at the anchor plates and adding nuts on top of the anchor plates.
RSP ES-7B	Updated references to Revised Standard Plans, as applicable. Detail A-1, Detail A-3, Detail A-6 --- Revised details to show nuts on top and bottom of anchor plates. Revised the callouts for the anchor bolts. Detail A-5 --- Revised detail to show nuts on top and bottom of anchor plate.
RSP ES-7C	Updated all references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised detail to add nuts on top of the anchor plate.
RSP ES-7D	Updated all references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised detail to add nuts on top of the anchor plate.
RSP ES-7E	Updated all references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised detail to add nuts on top of the anchor plate.
RSP ES-7F	Updated all references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised detail to add nuts on top of the anchor plate.
RSP ES-7G	Updated all references to Revised Standard Plans, as applicable. Elevation A, Elevation B --- Revised detail to add nuts on top of the anchor plate.
RSP ES-7H	Updated all references to Revised Standard Plans, as applicable. Elevation A, Elevation B: Revised detail to add nuts on top of the anchor plate.
RSP ES-7M	Handhole and Anchorage - Detail A --- Revised the callout for Anchor Bolt thread and galvanized length at base plate by adding "min" at the end. Revised callouts to update references to Revised Standard Plans, as applicable.
RSP ES-7R	Signal Pole Mount - Detail D --- Revised the callout for "1/2 NPS Coupling" to "1 NPS Coupling".
RSP ES-16A	Note 3 --- Revised note to reference Std Plan S113 instead of S13. Note 4 --- Updated note to reference Revised Standard Plan RSP ES-7M. Section A-A --- Multiple revisions to detail.
RSP ES-16B	Updated all references to Revised Standard Plans, as applicable. Section A-A --- Multiple revisions to detail. Box Enclosure - Detail D --- Revised the callout for "Tack Weld" to "1/2" Dia Hex Head Cap Screw".
RSP ES-16C	Updated all references to Revised Standard Plans, as applicable. Elevation B, Elevation C, Anchor Bolt - Detail B --- Revised to add nuts at the top of the anchor plate, removed washers between the plate and the nuts, and added thread detailing at the end of anchor bolt. Anchor Bolt - Detail B --- Deleted "Bolt Head or" from the callout for "Bolt Head or Nut on Threaded Rod", deleted the 3'-6" dimension, and deleted the welds at the anchor plate.