

## **2014 Standard Plan Revision Summary**

**Standard Plan A-60.10-02 Cement Concrete Pavement Rehabilitation** – *Additional guidance provided based on experience gained through construction process.*

**Standard Plan C-20.10-02 Beam Guardrail Type 31** – *Add Note 5. Revise all plan guardrail post callouts to describe steel and wood versions.*

**Standard Plan C-20.14-03 Beam Guardrail Type 31 Placement (Cases 1-31, 2-31 & 3-31)** – *Add Note 6 and callouts referring to the note in each plan view.*

**Standard Plan C-20.15-02 Beam Guardrail Type 31 Placement (Cases 4-31 & 5-31)** – *Add Note 4 and callouts referring to the note in each plan view.*

**Standard Plan C-20.18-02 Beam Guardrail Type 31 Placement (Cases 10A-31, 10B-31 & 10C-31)** – *Add Note 4 & callouts referring to the note in each plan view.*

**Standard Plan C-20.19-02 Beam Guardrail Type 31 Placement (Cases 11A-31, 11B-31 & 11C-31)** – *Add Note 6 & callouts referring to the note in each plan view.*

**Standard Plan C-20.40-04 Beam Guardrail Type 31 Placement 12' – 6", 18" – 9", or 25' – 0" Span** – *Add Note 3 and add callouts for wood guardrail post option.*

**Standard Plan C-20.41-00 Box Culvert Guardrail Steel Post Type 31 (New Plan)** – *Beam Guardrail Type 31 system for box culvert applications.*

**Standard Plan C-20.42-04 Guardrail Placement Strong Post ~ Type 31 Intersection Design** – *Add callouts for wood guardrail post option.*

**Standard Plan C-22.14-03 Beam Guardrail Type 1 Buried Terminal Type 2** – *Add Note 4 and add callouts for wood guardrail post option.*

**Standard Plan C-22.16-04 Beam Guardrail Type 31 Buried Terminal Type 2** – *Add Note 4 and add callouts for wood guardrail post option.*

**Standard Plan C-22.40-03 Beam Guardrail Type 31 Non-Flared Terminal Steel Posts (All Posted Speeds)** – *Modified pay limits of terminal.*

**Standard Plan C-22.41-00 Beam Guardrail Type 31 Non-Flared Terminal Wood Posts (All Posted Speeds) (New Plan)** – *Terminal with wood guardrail posts.*

**Standard Plan C-23.60-03 Beam Guardrail (Type 31) Anchor Type 10** – *Add Note 7.*

**Standard Plan C-24.10-01 Guardrail Connection to Bridge Rail or Concrete Barrier** – *Add Note 7.*

**Standard Plan C-25.18-04 Beam Guardrail (Type 31) Transition Section Type 20** – *Revise Note 6.*

**Standard Plan C-25.80-03 Beam Guardrail Type 31 to Beam Guardrail Type 1 Adaptor** – *Add Note 5.*

**Standard Plan C-70.10-01 Single-Slope Concrete Barrier (Precast)** – *Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note. Sizing of Premolded Joint Filler is revised from 1/4" to 3/8".*

**Standard Plan C-75.10-01 Single-Slope Concrete Barrier (Precast) Transition Section** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note. Sizing of Premolded Joint Filler is revised from 1/4" to 3/8".

**Standard Plan C-75.20-01 Single-Slope Concrete Barrier (Precast) Vertical Back** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note. Sizing of Premolded Joint Filler is revised from 1/4" to 3/8".

**Standard Plan C-75.30-01 Single-Slope Concrete Barrier (Precast) Terminal** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note. Sizing of Premolded Joint Filler is revised from 1/4" to 3/8".

**Standard Plan C-80.10-01 Single-Slope Concrete Barrier (Cast-In-Place) Dual-Faced** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note.

**Standard Plan C-80.20-01 Single-Slope Concrete Barrier (Cast-In-Place) Terminal** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note.

**Standard Plan C-80.30-01 Single-Slope Concrete Barrier (Cast-In-Place) Transition Section** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note.

**Standard Plan C-80.40-01 Single-Slope Concrete Barrier (Cast-In-Place) Vertical Back** – Replacement of all WWR Deformed for Concrete Alternate option guidance (Note and Table) with a new note.

**Standard Plan C-85.14-01 Single-Slope Concrete Barrier Light Standard Foundation** – General Note 1., plan referenced has been updated (Was =C-13, Is=C-70.10). General Note 7 has been added as directed by the Bridge and Structures office.

**Standard Plan C-85.15-01 Single-Slope Concrete Barrier (42") Light Standard Foundation** – General Note 1., plan referenced has been updated (Was =C-13, Is=C-70.10). General Note 8 has been added as directed by the Bridge and Structures office.

**Standard Plan C-85.16-01 Single-Slope Concrete Barrier Sign Bridge Foundation** – General Note 1., plan referenced has been updated (Was =C-13, Is=C-70.10). Notation has been added below the table as directed by the Bridge and Structures office.

**Standard Plan C-85.18-01 Single-Slope Concrete Barrier Transition For Monotube Sign Support** – General Note 3 has been added as directed by the Bridge and Structures office.

**Standard Plan C-85.20-01 Single-Slope Concrete Barrier Cantilever Sign Structure Foundation** – General Note 1., plan referenced has been updated (Was =C-13, Is=C-70.10). Column has been added to the Shaft Depth Table for "Friction Angle (Degree)" per Bridge and Structures office.

**Standard Plan D-2.36-03 Noise Barrier Wall Type 11** – Plan contents updated to meet current LRFD criteria.

**Standard Plan D-2.46-01 Noise Barrier Wall Type 14** – Plan contents updated to meet current LRFD criteria.

**Standard Plan D-3.11-03 Precast Permanent Geosynthetic Wall Fascia** – additional guidance required regarding the anchor plate and coupler.

**Standard Plan F-10.12-03 Cement Concrete Curbs** – Added content to Note 1.

**Standard Plan F-10.62-02 Precast Sloped Mountable Curb** – Revised Plan Title to be consistent with the Standard Specifications and Standard Item Table.

**Standard Plan F-10.64-03 Precast Dual Faced Sloped Mountable Curb** – *Revised Plan Title to be consistent with the Standard Specifications and Standard Item Table; Revised Note.*

**Standard Plan F-30.10-03 Cement Concrete Sidewalk** – Revised sidewalk width guidance.

**Standard Plan F-80.10-03 Cement Concrete Driveway Entrance Types 1, 2, 3, & 4** – *Revised sidewalk width guidance.*

**Standard Plan G-20.10-01 Ground-Mounted Sign Placement** – *Added dimension from shoulder to sign. Added “D” dimension to backslope.*

**Standard Plan G-22.10-02 Timber Sign Support** – *Clarification was added to better define the roadside sign height (7'-0") from the base of the sign to the bottom of the sign.*

**Standard Plan G-24.40-04 Steel Sign Support Types SB-1, SB-2 & SB-3 Installation Details** – *Clarification was added to better define the roadside sign height (7'-0") from the base of the sign to the bottom of the sign.*

**Standard Plan G-24.50-03 Steel Sign Support Types ST-1 - ST-4 Installation Details** – Burial depth for Type ST-4 revised.

**Standard Plan G-24.60-03 Steel Sign Support Types TP-A and TP-B Installation Details** – *Clarification was added to better define the roadside sign height (7'-0") from the base of the sign post to the bottom of the sign.*

**Standard Plan G-30.10-03 Sign Installation on Signal and Light Standards** – *Minimum added to bottom of sign dimension.*

**Standard Plan J-10.10-02 Cabinet Orientation Conduit Layout and Foundation Detail** – *Revised Notes 2 & 4.*

**Standard Plan J-10.15-01 Cabinet Enclosure on Slope** – *Revised guidance for anchor bolt. Add guidance for enclosure placement.*

**Standard Plan J-15.10-01 Timber Light Standard** – *Revised specification reference.*

**Standard Plan J-15.15-01 Span Wire Installation** – *Revised Table entry. Added reference callout fro signal. Corrected plan reference in notes.*

**Standard Plan J-20.10-03 Accessible Pedestrian Pushbutton Post (PPB) and Foundation** – *Base Plate Assembly callout has been revised. Anchor Bolt Template Assembly revised. Revised Note 3 and added Note 6.*

**Standard Plan J-20.11-02 Accessible Pedestrian Pushbutton Post with Curb Base** – *Revised the shape of the curb base. Anchor Bolt Template Assembly accordingly. Revised Note 3 and added Note 6. Dual PPB revised to depict single PPB mounting on signal standard.*

**Standard Plan J-20.15-03 Accessible Breakaway Pedestrian Pushbutton (PPB) Post** – *Revised Note 4. Added additional Notes.*

**Standard Plan J-20.16-02 Pedestrian Signal Standard (Type PS) Details** – *Revised premolded joint filler size. Added Notes.9 & 10.*

**Standard Plan J-21.10-04 Type PS, Type 1, RM & FB Signal Standard Foundation Details** – *Base Plate Assembly callout has been revised. Anchor Bolt Assembly revised. Revised Notes.*

**Standard Plan J-26.20-00 Temporary Signal Standard Adaptor (New Plan)** – Standard Plan for temporary replacement of knocked down signal standard.

**Standard Plan J-28.30-03 Steel Light Standard Foundation Types A & B** – Clarified grout well criteria. Revised guidance for anchor bolt finished height.

**Standard Plan J-28.40-02 Steel Light Standard Base Mounting** – Clarified grout well criteria. Revised guidance for anchor bolt finished height.

**Standard Plan J-28.42-01 Steel Light Standard Anchor/Slip Plate for Slip Base** – added guidance for clamping bolts (to General Note 6).

**Standard Plan J-28.43-00 Slip Base Adaptor for 4-Bolt Light Standard Base** – Former Plan Sheet Library detail (IS-14) has been issued as a standard plan as requested by the Bridge office to offer users a stamped approved plan when the need arises.

**Standard Plan J-28.45-02 Steel Light Standard Elbow Mounting on Bridge & Retaining Wall** – Added General Note 3. Minor clerical corrections.

**Standard Plan J-40.20-02 Heavy-Duty Junction Box Types 4, 5, & 6** – Plan is being revised to offer the option to specify a Ductile Iron Lid with a Cast Iron Frame in lieu of the Cast Iron Lid and Frame (See Note 13).

**Standard Plan J-75.40-01 Overhead Sign Electrical Details (Monotube Structure)** – Added conduit depth. Clarified callout for wire size. Corrected conductor minimum size. Added guidance to screen guard. callout clarifications.

**Standard Plan J-75.41-00 Signal Bridge Standard Electrical Details (New Plan)** – Standard Plan depicting the electrical requirements for a Signal Bridge Standard assembly.

**Standard Plan J-75.45-01 Overhead Sign Electrical Details (Truss Structure)** – Corrected conduit depth. Clarified callout for wire size. Corrected conductor minimum size. Added guidance to screen guard. callout clarifications.

**Standard Plan J-90.21-00 Small Cable Vault (New Plan)** – Standard Plan depicting the narrow version of a Cable Vault for use when limited space is available.

**Standard Plan L-30.10-02 Chain Link Gate** – Revised Detail C.

**Standard Plan M-1.20-03 Ramp Channelization Single Lane** – Added “Wide” to “Dotted Lane Line” callout, Single-Lane Off-Connection Plan View. Added spacing clarification for the Arrow/Only symbols, Single-Lane Off-Connection for One Lane Reduction Plan View.

**Standard Plan M-9.50-02 Bicycle Lane Symbol Layout** – Removed “Wide” from the “Wide Lane Line” callout, Bicycle Lane Symbol Layout

**Standard Plan M-20.40-03 Longitudinal Marking Supplement with RPMs ~ Turn Lanes** – Revised spacing of RPMs (20’ to 40’) for the Two-Way Left-Turn Lane plan view to be consistent with Detail B.

**Standard Plan M-24.60-04 Symbol Markings Miscellaneous** – Added “Drainage Marking” title to the existing title for clarity. Added additional detailing for stormwater BMP.

**Standard Plan M-40.10-03 Guide Posts and Barrier Delineators** – *Revised note references in details. Revised specification reference in note 3. Note in the Barrier Delineator Requirements, “Color shall be white on the right of Traffic, and yellow on the left of traffic.” Changed to a separate bullet point.*