

2022 Standard Plans – Revision Summary

A-40.00-01 Dowel Bar Baskets – Wire size of top and bottom spacers is revised to use more common wire size for availability and cost purposes.

B-70.20-01 Mitered End Sections – Subject Matter Expert (SME) requested revision to replace the term “beveled” with the term “mitered” throughout the plan content.

B-75.50-02 Type 1 Safety Bars for Stepped Culvert Pipe or Pipe Arch – Subject Matter Expert (SME) requested revision to replace the term “beveled” with the term “mitered” throughout the plan content.

C-1 Raising Beam Guardrail Detail – Plan revised to remove overlay in view and subtitle revised to clarify plan’s intended use (Raising Guardrail).

C-1b Beam Guardrail Posts and Blocks – Plan revised to remove components other than those aligning with current WSDOT Policy (Type 31). A version of the old C-1b plan content will be offered on the Plan Sheet Library.

C-6a Beam Guardrail Anchor Type 2 – Plan revised to replace the term “Backing” with “Anchor” in Detail title for consistency.

C-7 Beam Guardrail End Sections – Plan revised to remove components other than those aligning with current WSDOT Policy (Type 31). A version of the old C-7 plan content will be offered on the Plan Sheet Library.

C-7a Thrie Beam End Sections - Plan revised to remove components other than those aligning with current WSDOT Policy (Type 31). A version of the old C-7a plan content will be offered on the Plan Sheet Library.

C-20.10-08 Beam Guardrail Type 31 – Subject Matter Expert (SME) requested revising the plan content to remove reference to C-20.11 (retired – 2020). StdPlan GSP item

C-20.14-05 Beam Guardrail Type 31 Placement (Cases 1-31, 2-31 & 31-3) – Plan revised to add clarification to deflection requirements for Case 3-31.

C-20.18-04 Beam Guardrail Type 31 Placement (Cases 10A-31, 10B-31 & 10C-31) – Plan revised to add clarification to deflection requirements for Cases 10B-31 & 10C-31.

C-20.40-09 Beam Guardrail Type 31 Placement 12' - 6", 18' - 9", or 25' - 0" Span – Plan revised to shift CRT labels on right side of Plan View to align with proper posts.

C-20.41-04 Box Culvert Embedded Anchor Guardrail Steel Post ~ Type 31 – Plan revised to update the title and add content to align with new anchor plan (C-20.43).

C-20.43-00 Box Culvert Guardrail Steel Post – Type 31 (New Plan) – Plan created to provide a MASH compliant Bolt-Thru version of the Box Culvert Anchor.

C-20.45-03 Beam Guardrail Type 31 - DS (Double-Sided) (W-Beam) – Plan revised to add Standard Plan reference, C-1b to Note 4. Remove all references to use of a cut washer from guardrail system.

C-22.40-09 Beam Guardrail Type 31 Non-Flared Terminal (All Posted Speeds) - Plan revised to clarify extent of “edge of paved shoulder” depicted in Plan View (removal of dimension extension line causing some confusion).

C-22.45-06 Beam Guardrail Type 31 Non-Flared Terminal (Posted Speed 45 MPH and Below) – Plan revised to clarify extent of “edge of paved shoulder” depicted in Plan View (removal of dimension extension line causing some confusion).

C-23.70-00 Beam Guardrail (Type 31) Anchor Type 11 (New Plan) – Plan created to provide a MASH compliant guardrail anchor.

C-24.10-03 Guardrail Connection to Bridge Rail or Concrete Barrier – F Connection revised to depict Type 31 beam guardrail system connection to barrier.

C-24.15-00 Guardrail Connection to Structure - Plate Adapter (New Plan) – Bridge and Structures Office (BSO) requested a plan be developed as a Standard Plan to ensure ease of access and to address needs in the future for an adapter plate that addresses needs for all Beam Guardrail transitions to Structure connections for W-beam and Thrie Beam systems.

C-60.10-02 Concrete Barrier Type F (Precast) – Plan revised to add Steel Welded Wire Reinforcement note option to plan. Added Note 5 (sheet 2). Added Forged Head Pin detailing to Connecting Pin Assembly Detail.

C-60.20-01 Precast Type F Barrier to Dissimilar Shaped Barrier Transition – Revised plan reference - Transition Shroud Note 4 – A), sheet 2 of 2, callout – “Concrete Barrier Type 2 ~ See **Std. Plan K-80.32** for details”.

C-60.70-01 Precast Type F Anchoring Transition Plan - Revised plan reference – “Dissimilar Shaped Barrier”, callout – “Type 2 (Anchored) ~ See **Std. Plan K-80.32** for details”.

C-60.80-01 Type F Terminal End Section – Subject Matter Expert (SME) requested revising the plan to address discrepancy to add short End Loop Bar (2x upper bars) and add detailing to the Reinforcing Steel Bending Diagram. Terminal body revised for constructability.

C-85.18-03 Single-Slope Concrete Barrier Transition for Monotube Sign Support - Plan revised to add Steel Welded Wire Reinforcement note option to plan.

D-2.92-01 Noise Barrier Wall Access Door & Frame – Subject Matter Expert (SME) requested revision to align with BSO design policy.

F-10.18-03 Roundabout Cement Concrete Curbs – SME requested revision to the plan to improve constructability and performance based on experience gleaned from past projects.

I-50.20-02 Check Dams on Channels – SME requested revision to update Standard Specification references. Revised to align with WSDOT policy.

J-05.50-00 Controlled Density Fill Encased Conduit (*New Plan*) – Plan created to address security measure for electrical systems.

J-10.26-00 Type BX Transformer Cabinet (*New Plan*) - SME requested plan creation to provide detailing for Type BX Transformer cabinet.

J-20.01-00 Light and Signal Standard Index and Identification (*New Plan*) - SME requested plan creation to provide an index plan for traffic related standards.

J-28.01-00 Pole Labeling (*New Plan*) – SME requested plan creation to provide a plan illustrating pole identification markings.

J-28.70-04 Steel Light Standard Wiring Details – SME requested the revision to the plan to address grounding requirements.

J-29.10-02 Type CCTV Traffic Signal Standard (Camera Pole) Foundation Details – SME requested the revision to the plan to add detailing for welded galvanized cloth screen. Detailing previously available on Std. Plan J-75.41, which was retired in 2020.

J-30.10-01 High Mast Luminaire Maintenance Pad – SME requested the revision to reference Standard Plan J-29.10 for detailing for welded galvanized cloth screen.

J-40.01-00 Junction Box Security Collar (*New Plan*) - Plan created to address security measure for junction boxes.

J-50.13-01 Metering and Data Induction Loops - SME requested the revision to the plan to add clarification to the system. Added general notes.

J-75.50-00 Overhead Sign Structure Flashing Beacon System Installation Details (*New Plan*) - SME requested the creation of this plan to detailing for Overhead Sign Structure Flashing Beacon system.

J-75.55-00 Overhead Sign Structure Variable Message Sign (VMS) Installation Details (*New Plan*) - SME requested the creation of this plan to detailing for Overhead Sign Structure Flashing Beacon system.

J-80.05-00 Type 33 Cabinet Basic Layout (*New Plan*) – SME requested plan creation to provide detailing for Type 33 cabinet.

J-84.05-00 ITS Power Distribution Assembly (PDA-ITS) (*New Plan*) – SME requested plan creation to provide detailing for ITS Power Distribution Assembly.

L-5.10-00 Bridge Railing Type Chain Link Pipe Rail (*New Plan*) – The BSO requested creation of a fall protection plan for Chain Link Pipe Rail plan for use on structures.

L-5.15-00 Cable Fence (*New Plan*) - The BSO requested creation of a fall protection plan for Cable Fence plan for use on structures.

M-3.20-04 Left-Turn Channelization Reduced Tapers – SME requested revision to correct “Approach Taper” dimension callouts.

M-11.10-04 Railroad Crossing Layout – SME requested plan be revised to match MUTCD and to clarify WSDOT preference of layouts use.

M-12.10-03 Roundabout Pavement Markings – SME requested the plan be revised to add a second sheet of a generic roundabout pavement marking to provide clarity.

M-20.10-04 Longitudinal Marking Patterns - SME requested the plan be revised to show Contrast Striping options.

Standard Plan Retirements

C-23.60-04 Beam Guardrail (Type 31) Anchor Type 10

D-2.04-00 Noise Barrier Wall Type 2 (CIP Wall on Spread Footing)

D-2.06-01 Noise Barrier Wall Type 3 (...on Offset Spread Footing)

D-2.08-00 Noise Barrier Wall Type 4 (...on Shaft Foundation)

D-2.32-00 Noise Barrier Wall Type 9 (Precast Wall on Spread Footing)

D-2.34-01 Noise Barrier Wall Type 10 (...on Offset Spread Footing)

D-2.60-00 Noise Barrier Wall Type 16 (Masonry on Trench Footing)

D-2.62-00 Noise Barrier Wall Type 17 (Masonry on Spread Footing)

D-2.64-01 Noise Barrier Wall Type 18 (Masonry on Offset Spread Footing)

D-2.66-00 Noise Barrier Wall Type 19 (...on Shaft w/Grade Beam Foundation) (Masonry on Shaft with Grade Beam Foundation)

D-2.68-00 Noise Barrier Wall Type 20 (Masonry on Shaft Foundation)

D-2.80-00 Noise Barrier Wall Access Door Type 1 (for CIP Wall on Offset Spread Footing)

D-2.88-00 Noise Barrier Wall Access Door Type 5 (for Masonry Wall)

D-3.15-02 Permanent Geosynthetic Wall Single Slope Barrier

D-3.16-02 Permanent Geosynthetic Wall F-Shape Barrier

D-3.17-02 Permanent Geosynthetic Wall Expansion Joint Details

J-75.41-01 Signal Bridge Standard Electrical Details

K-80.20-00 Type 3 Barricade