

2015 Standard Plan Revision Summary

A-40.10-03 Cement Concrete Pavement Joints – *“Existing Approach Slab Transition Detail”, callout revised for clarity, Approach Slab (Existing before Contract).*

A-40.20-03 Bridge Paving Joint Seals – *Plan title and detail titles revised. Note 4 added to better define payment requirements.*

A-40.50-02 Bridge Approach Slab – *Note 1 is revised. HMA Roadway Joint and Longitudinal Crack Control Joint Details have been revised. Note added to the Bending Diagram. Dimension added to L-Type Abutment Pinned Anchor Detail. Headings added to Compression Seal Table.*

A-60.10-03 Cement Concrete Pavement Rehabilitation – *Revised to remove “Epoxy Coated Reinforcing Rod” from callout in Section B.*

A-60.20-03 Dowel Bar Retrofit for Cement Concrete Pavement – *Revised to remove “Epoxy Coated Reinforcing Rod” from callout in Section B.*

C-1 Beam Guardrail Types 1 ~ 4 (W-Beam) – *W6 x 8.5 size option is added to the steel post sizing requirement.*

C-1a Beam Guardrail (Thrie Beam) - *General Note 1 is revised to add W6 x 8.5 size option to the steel post sizing requirement.*

C-1b Beam Guardrail Posts and Blocks -- *General Note 3 is revised to add W6 x 8.5 size option to the steel post sizing requirement. W6 x 8.5 size option is added to the steel post sizing callout.*

C-4e Beam Guardrail Non-Flared Terminal – *All references to ET-PLUS are removed from plan content.*

C-10 Box Culvert Guardrail Steel Post - *General Note 1 is revised to add W6 x 8.5 size option to the steel post sizing requirement. W6 x 8.5 size option is added to the steel post sizing callouts.*

C-20.10-03 Beam Guardrail Type 31 - *W6 x 8.5 size option is added to the steel post sizing callouts.*

C-20.40-05 Beam Guardrail Type 31 Placement 12' - 6", 18' - 9", or 25' - 0" Span - *W6 x 8.5 size option is added to the steel post sizing callouts.*

C-20.41-01 Box Culvert Guardrail Steel Post Type 31 - *W6 x 8.5 size option is added to the steel post sizing callout.*

C-20.42-05 Guardrail Placement Strong Post ~ Type 31 Intersection Design - *W6 x 8.5 size option is added to the steel post sizing callout.*

C-22.14-04 Beam Guardrail Type 1 Buried Terminal Type 2 - *W6 x 8.5 size option is added to the steel post sizing callouts.*

C-22.16-05 Beam Guardrail Type 31 Buried Terminal Type 2 - *W6 x 8.5 size option is added to the steel post sizing callouts.*

C-22.40-04 Beam Guardrail Type 31 Non-Flared Terminal Steel Posts (All posted speeds) – *All references to ET-PLUS are removed from plan content.*

C-22.41-01 Beam Guardrail Type 31 Non-Flared Terminal Wood Posts (All posted speeds) – *All references to ET-PLUS are removed from plan content.*

C-22.45-01 Beam Guardrail Type 31 Non-Flared Terminal Steel Posts (Posted speed-40 mph and below) – *All references to ET-PLUS are removed from plan content.*

C-25.18-05 Beam Guardrail (Type 31) Transition Section Type 20 - *General Note 6 is revised to add W6 x 8.5 size option to the steel post sizing requirement.*

C-25.20-06 Beam Guardrail (Type 31) Transition Section Type 21 - *W6 x 8.5 size option is added to the steel post sizing dimension.*

C-25.22-05 Beam Guardrail (Type 31) Transition Section Type 22 - *W6 x 8.5 size option is added to the steel post sizing dimension.*

C-25.26-03 Beam Guardrail (Type 31) Transition Section Type 23 - *W6 x 8.5 size option is added to the steel post sizing dimension.*

G-20.10-02 Ground-Mounted Sign Placement – *dimensional guidance added to Multiple Sign Post Installation in Ditch Section.*

G-22.10-03 Timber Sign Support– *General note references in callouts revised accordingly.*

G-24.40-05 Steel Sign Support Types SB-1, SB-2 & SB-3 Installation Details – *General Note 6 added. General Note 5 revised. Plan references added for clarity. Clarification guidance added to table. Orientation of locknut wedge revised in Type SB-1 Slip Base Assembly view.*

G-24.60-04 Steel Sign Support Types TP-A and TP-B Installation Details – *Callouts defining “ Finished Ground Line” added to elevations. Breakaway Hinge Plate Connection Detail corrected (and all views depicting the hinge). Post Clip guidance added.*

G-30.10-04 Sign Installation on Signal and Light Standards – *Mast Arm-Mounted Street Name Signs views revised to depict proper standard orientation.*

G-50.10-02 Sign Bracing – *General Note 5 added. Obsolete views deleted.*

G-60.10-03 Cantilever Sign Structures (Truss type) – *Screen detail is revised as part of an effort to achieve consistency in detailing between the Standard Plan and the Bridge Standard Drawing. Quantity of washers and nuts added to ground bolt in Section B.*

G-60.20-02 Cantilever Sign Structure Foundation Type 1 – Screen detail reference is added as part of an effort to achieve consistency in detailing between the Standard Plan and the Bridge Standard Drawing. Quantity of heavy hex nuts is revised. Revised the grounding conductor location.

G-60.30-02 Cantilever Sign Structure Foundation Types 2 and 3 – Screen detail reference is added as part of an effort to achieve consistency in detailing between the Standard Plan and the Bridge Standard Drawing. Quantity of heavy hex nuts is revised. Revised the grounding conductor location.

G-70.10-03 Sign Bridge (Truss type) – Screen detail reference is added as part of an effort to achieve consistency in detailing between the Standard Plan and the Bridge Standard Drawing. Revised the grounding conductor location.

G-90.20-03 Overhead Sign Mounting (Monotube Structure) – Clarification added to View C. fillet size added to weld symbol.

J-10.10-03 Cabinet Orientation, Conduit Layout and Foundation Detail – Plan revised to add clear space to interior of cabinets. Plan references updated to support new service cabinet plans. Concrete foundation thickness revised. Added reinforcing steel to concrete foundations, WWF or reinforcing steel.

J-10.16-00 Service Cabinet Type A (0-60 Amp Type 120 Volt Single Phase) (formerly J-3) – Guidance and details for installing a Type A Service Cabinet.

J-10.17-00 Service Cabinet Type B (0-60 Amp Type 120/240 Volt Single Phase) (formerly J-3) – Guidance and details for installing a Type B Service Cabinet.

J-10.18-00 Service Cabinet Type C (0-60 Amp Type 240/480 Volt Single Phase) (formerly J-3) – Guidance and details for installing a Type C Service Cabinet.

J-10.20-00 Service Cabinet Type B Modified (0-200 Amp Type, 120/240 Single Phase) (formerly J-3b) – Guidance and details for installing a Type B Modified Service Cabinet.

J-10.21-00 Service Cabinet Type D (0-200 Amp Type, 120/240 Single Phase) (formerly J-3c) Guidance and details for installing a Type D Service Cabinet.

J-15.15-02 Span Wire Installation – Revised to provide current guidance for span wire installation.

J-22.15-02 Ramp Meter Signal Standard Details – Revised to provide the current guidance for Ramp Meter Installation.

J-22.16-03 Ramp Meter Signal Standard Electrical Details – Revised to provide the current electrical guidance for Ramp Meter Installation.

J-28.24-01 Steel Light Standard Placement (Fixed Base) – Plan revised to add guidance for providing level work area at light standard base on slopes. Added dimensional guidance for foundation to finished grade at back slope.

J-30.10-00 High Mast Luminaire Maintenance Pad (New Plan) –*This standard plan was created to capture the flat ground and sloped ground high mast luminaire maintenance pad details, along with the ground ring that is to be installed for each high mast pole.*

J-75.10-03 Signal Head Mounting Details ~ Pole and Post Top Mounting – *Revised to use industry standard term for hardware. Side Mount Details – added standard (pole) mounting hardware for terminal compartment.*

J-75.20-01 Signal Head Mounting Details, Mast Arm & Span Wire Mountings – *Revisions required based on changes made to J-15.15.*

J-75.30-02 Miscellaneous Signal Details – *Revisions required based on changes made to J-15.15 and J-75.20.*

L-20.10-03 Chain Link Fence types 3 and 4 – *Plan revised to replace the eye bolt assembly with a brace band assembly for attachment to tension wires. Hardware terms (callouts) revised to match industry standards. **Note:** Plan depicting eyebolt assembly will be made available in the Plan Sheet Library for maintaining or installing fencing utilizing eye bolt assembly.*

M-2.20-03 Off Ramp Gore Area Marking Layouts –*New Plan Title for Off-Ramp Gore Area Marking Layouts. Removed Gore Area Supplement with Types 1 & 2 Raised Pavement Markers detail (moved to the Plan Sheet Library – **PM-3 Gore Area Marking Layout Substitution with Types 1 & 2 RPMs**)*

M-2.21-00 On Ramp Gore Area Marking Layouts (New Plan)- *On-Ramp Gore area Marking layouts.*

M-20.20-02 Profiled and Embossed Plastic Lines – *Deleted “Drop Lane Line” from Profiled Plastic Line details. Relocated “Wide Dotted Lane Line” to replace it.*

M-20.30-03 Longitudinal Marking Supplement with Raised Pavement Markers – *Revised note 1 and added note 5. Added “wide Dotted Lane Line Detail” and “One-Way Roadway Recessed Pavement Marker Details”*

M-24.20-02 Symbol Markings Traffic Arrows for High Speed Roadways – *added Type 5 Traffic arrow detail.*

M-24.40-02 Symbol Markings Traffic Arrows for Low Speed Roadways - *Removed Type 5 Traffic arrow detail.*

