B5.1 Metal Reinforcement

Oct 2017 Revised note 6 to include GFRP designation.

Changed column name in Table to "Coat".

Added GFRP Bar Length Table.

Nov 2019 Revised format of notes to active voice, imperative mood.

Sep 2020 Changed "GFRP" to "G" in note 6B.

May 2021 Changed format of dimensions in the hook dimensions table to "feet & inches".

Changed definition of 90 degree bend detail length "B".

Jan 2022 Converted to ORD format.

Oct 2023 Revised GFRP Bar Length summary table.

Added Type S to rebar reference in note 5. Deleted note 8 that is included in Section 503

B5.2A AASHTO Type 2 Prestressed Girder

July 2009	Modified the end block reinforcement to comply with AASHTO Article 5.10.10.
June 2013	Revised end block reinforcement details to indicate reinforcement must be designed.
May 2021	Changed CG of strand from centerline bearing to end of girder.
Jan 2022	Converted to ORD format.

June 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks.

Revised length of G9A from 2'-11" to 2'-0".

B5.2B AASHTO Type 3 Prestressed Girder

June 2006	Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.
July 2009	Modified the end block reinforcement to comply with AASHTO Article 5.10.10.
June 2013	Revised end block reinforcement details to indicate reinforcement must be designed.
May 2021	Changed CG of strand from centerline bearing to end of girder.
Jan 2022	Converted to ORD format.
June 2022	Revised format of leader lines.
Oct 2023	Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks.

Revised length of G9A from 2'-11" to 2'-0".

B5.2C AASHTO Type 4 Prestressed Girder

DS.2C AASIII C	J Type 4 Trestressed Girder
June 2006	Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.
July 2009	Modified the end block reinforcement to comply with AASHTO Article 5.10.10.
July 2010	Corrected dimension of G1 & G2 bars from 12.5" to 15".
June 2013	Revised end block reinforcement details to indicate reinforcement must be designed.
May 2021	Changed CG of strand from centerline bearing to end of girder.
Jan 2022	Converted to ORD format.
June 2022	Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks.

Revised length of G9A from 2'-11" to 2'-0".

B5.2D Prestressed AASHTO Girder Details

June 2006 Extended strand for the positive moment connection in the Type C Diaphragm to comply with Article

5.14.1.4 of the LRFD Manual.

Changed "Abutment Diaphragm Dowel Details" to "Girder End Details" and labeled Type C "Positive

Moment Connection".

July 2009 Added Note 9 for size of strand used in the design.

Revised Note 5 for lateral restraint until deck is cured.

Sept 2012 Changed "cut strand" to "extend strand" in Positive Moment Connection Detail.

March 2015 Added new note 5 for electronic shop drawings.

Oct 2017 Specified 0.6" diameter strand.

Added note for Girder Shipping.

Nov 2019 Revised format of notes to active voice, imperative mood.

Sep 2020 Revised wording of note 7.

Revised note 11 to "Fabricate in accordance with Section 506".

Added note 12: "Design based upon 0.6" dia. AASHTO M203 low relaxation strand".

Renumbered note 12 to note 13 and deleted the 7 day requirement.

Added note 14: Basis of Payment.

Jan 2022 Deleted sheet; see B5.3O sheets.

B5.2E Pier Diaphragm for AASHTO Girders

June 2006 Extended strand for the positive moment connection and widened the gap between girder ends to 10".

Jan 2022 Deleted sheet: see B5.3O sheets.

B5.3A 30" Bulb Tee Prestressed Girder

March 2015 Added new sheet

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3B 36" Bulb Tee Prestressed Girder

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3C 42" Bulb Tee Prestressed Girder

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3D 48" Bulb Tee Prestressed Girder

June 2006 Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3E 54" Bulb Tee Prestressed Girder

June 2006 Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3F 60" Bulb Tee Prestressed Girder

June 2006 Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3G 66" Bulb Tee Prestressed Girder

June 2006 Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3H 72" Bulb Tee Prestressed Girder

June 2006 Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.

July 2009 Modified the end block reinforcement to comply with AASHTO Article 5.10.10.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.31 WF42G Prestressed Girder

July 2009 Added new standard drawing.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

Revised bearing plate to 36" square to accommodate difference in bottom flange chamfers.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3J WF50G Prestressed Girder

July 2009 Added new standard drawing.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

Revised bearing plate to 36" square to accommodate difference in bottom flange chamfers.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Corrected web depth in Section at Centerline Span.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3K WF58G Prestressed Girder

July 2009 Added new standard drawing.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

Corrected top flange cantilever dimension.

Revised bearing plate to 36" square to accommodate difference in bottom flange chamfers.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Corrected web depth in Section at Centerline Span.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3L WF66G Prestressed Girder

July 2009 Added new standard drawing.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

Corrected top flange cantilever dimension.

Revised bearing plate to 36" square to accommodate difference in bottom flange chamfers.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3M WF74G Prestressed Girder

July 2009 Added new standard drawing.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

Corrected top flange cantilever dimension.

Revised bearing plate to 36" square to accommodate difference in bottom flange chamfers.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.3N WF83G Prestressed Girder

July 2009 Added new standard drawing.

June 2013 Revised end block reinforcement details to indicate reinforcement must be designed.

Corrected top flange cantilever dimension.

Revised bearing plate to 36" square to accommodate difference in bottom flange chamfers.

March 2015 Changed page number

May 2021 Changed CG of strand from centerline bearing to end of girder.

Jan 2022 Converted to ORD format.

June 2022 Revised format of leader lines.
Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Girder General Details sheet to Prestressed Girder

Schedule.

Dimensions of bars G4 & G4A to be specified by the designer.

Deleted length of all standard hooks. Revised length of G9 from 3'-5" to 4'-0". Revised length of G9A from 1'-8.5" to 2'-0".

B5.30-1 Prestressed Bulb Tee Girder Details

June 2006 Renumbered the sheet and extended strand for the positive moment connection in the Type C Diaphragm to

comply with Article 5.14.1.4 of the LRFD Manual.

Changed "Abutment Diaphragm Dowel Details" to "Girder End Details" and labeled Type C "Positive

Moment Connection".

July 2008 Added Note 12 for size of strand used in the design.

July 2009 Renumbered the sheet from B5.3O to B5.3U.

Added Note 9 for size of strand used in the design. Revised Note 5 for lateral restraint until deck is cured.

Sept 2012 Changed "cut strand" to "extend strand" in Positive Moment Connection Detail.

Changed "BT37 & BT48" to "Bulb Tee Series" and "WF" to "WF Series" in Positive Moment Connection

Detail.

March 2015 Changed page number to B5.3O.

Added lift loop location.

Added new note 5 for electronic shop drawings.

Revised note 6 for adding temporary strands in the top flange for handling.

Aug 2016 Deleted reference to note 11 in ** note.

Oct 2017 Specified 0.6" diameter strand.

Added note for Girder Shipping.

Nov 2019 Deleted "&" from Lift Loop Location Table.

Revised format of notes to active voice, imperative mood.

Deleted reference to contour sheet in Screed Adjustment diagram.

Sep 2020 Deleted "All" from the last sentence in note 7.

Revised wording of note 8.

Added note 14 "fabricate in accordance with Section 506".

Renumbered notes 14 & 15 to 15 & 16. Deleted 7 day requirement from note 16. Added note 17 "Basis of Payment".

Replaced AASHTO girder with Bulb Tee girder in Camber Strip Detail.

May 2021 Clarified spacing of bars in Girder End Details.

Changed page number to B5.3O-1.

Jan 2022 Changed sheet title to "Prestressed Girder General details".

Moved "Girder End Details" and "Intermediate Diaphragm Dowel Details" to another sheet.

Added Hat Bar Details.

Converted sheet to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Deleted note 1 and moved immediate and final losses to prestressed girder schedule on girder detail sheets.

Deleted cast-in-place dowel bar option from note 1.

Renumbered notes.

Revised format of notes to active voice, imperative mood and Writer's Style Guide.

Added arrows showing direction of deflection in Deflection Table.

B5.30-2 Prestressed AASHTO Girder Details

May 2021 Added new sheet for WF girder details.

Jan 2022 Changed title of sheet to "AASHTO Girder Details" and added Girder End details, Intermediate Diaphragm

Dowel Details for AASHTO Girders. Converted sheet to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Revised Girder End Details Type B for "FIXED" and deleted "Pinned". Extended strand to provide better

anchorage into the abutment cap.

Added "Type B & Type C" to End Details Table.

B5.30-3 Prestressed Bulb Tee Girder Details

Sept 2021 Added new sheet for Girder End details, Intermediate Diaphragm Dowel Details for Bulb Tee Girders.

Converted sheet to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Revised Girder End Details Type B for "FIXED" and deleted "Pinned". Extended strand to provide better

anchorage into the abutment cap.

B5.30-4 Prestressed WF Girder Details

Sept 2021 Added new sheet for Girder End details, Intermediate Diaphragm Dowel Details for WF Girders.

Converted sheet to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Revised Girder End Details Type B for "FIXED" and deleted "Pinned". Extended strand to provide better

anchorage into the abutment cap.

B5.3P Temporary Diaphragm Details

June 2006 Renumbered the sheet.

July 2009 Renumbered the sheet from B5.3P to B5.3V.

May 2014 Lowered the hole for the top brace from 9" to 12" to get the assembly below the fillet for the WF Series

girders.

Added the WF data to the Lower Connection Plate Detail.

Added a G13-#4 bar for the WF girder.

March 2015 Changed page number

Nov 2019 Revised format of notes to active voice, imperative mood.

May 2021 Revised sheet to make temporary diaphragms a contractor design.

Jan 2022 Deleted details and only show Concept Detail. Temporary

diaphragm details submitted on shop drawings for approval.

Converted sheet to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Revised format of notes to active voice, imperative mood and Writer's Style Guide.

B5.3Q-1 Pier Diaphragm for AASHTO Girders

June 2006 Renumbered the sheet, extended the strand for the positive moment connection, and widened the gap

between girder ends to 10".

July 2009 Renumbered the sheet from B5.3Q to B5.3W.

March 2015 Changed page number

Jan 2022 Changed sheet to AASHTO girder details.

Converted sheet to ORD format.

June 2022 Revised format of leader lines.

B5.3O-2 Pier Diaphragm for Bulb Tee & WF Girders

Jan 2022 Added new sheet for Bulb Tee and WF girder details.

Converted sheet to ORD format.

June 2022 Revised format of leader lines.

B5.3R Optional Prestressed Girder WWR Details

Oct 2023 Added new sheet.

B5.4A Typical Deck Bulb Tee Section & Details (Off-System and Local Roads)

June 2006 Added new standard drawing.

July 2009 Corrected spelling of Bulb Tee in title block

Corrected wording in Note 6("one" to "when")

Added Note 14 placing girders perpendicular to the cross-slope.

Changed intermediate diaphragm reinforcement G9, G9A, D1, &D2 to #4

Specified G9 & G9A bars @ maximum 12" spacing

June 2013 Revised reference in Note 8 to subsection 705.02 for 2012 Standard Specifications.

March 2015 Revised note 10 for spray-applied concrete waterproof membrane.

Aug 2016 Designated drawing for Off System and Local Roads bridges using weld tabs.

Nov 2019 Revised format of notes to active voice, imperative mood.

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Revised format of notes to active voice, imperative mood and Writer's Style Guide.

Revised railing from 2-tube curb mount rail to 3-tube curb mount rail in the Typical Section.

B5.4B Prestressed Deck Bulb Tee Girder (Off-System and Local Roads)

June 2006 Added new standard drawing.

April 2008 Defined "W"

Changed G14 to #4

Computed max. spacing for G11 & G12 flange reinforcement

Modified Reinforcement Diagram Sketch for G1, G5, G5A, G11, G13, & G14.

July 2009 Modified Reinforcement Diagram Sketch for G6 & G8

Added G9 & G9A bars to Reinforcement Diagram

Added spacing of intermediate diaphragm bars in the Elevation view

Added confinement length "Y" and Bursting Reinforcement length "Z" to End Reinforcement Detail

July 2010 Standardized G12 bar to #6@6½" and added G12A for exterior girder.

Added note for bundling #4 bar with G12 within 8' of joint/discontinuity of parapet.

Aug 2016 Designated drawing for Off System and Local Roads bridges.

Changed all reinforcement to epoxy coated bars. Revised concrete parapet to 2-tube curb mounted rail.

Changed G12A to 180° hook. Updated names of fabricators.

Sep 2020 Changed name of Oldcastle Precast to Knife River Prestress.

May 2021 Changed CG of strand from centerline bearing to end of girder

Jan 2022 Converted sheet to ORD format.

June 2022 Revised format of leader lines.

Oct 2023 Bundled stirrups in h/4 end region.

Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.4C Prestressed Deck Bulb Tee Girder Details (Off-System and Local Roads)

June 2006 Added new standard drawing.

July 2009 Added Note 11 for size of strand used in the design.

Added Notes 12 & 13 for deflection data Modified Deflection Data Table for ΔD

July 2010 Deleted the 5' dimension for length of splayed bar area and made it a variable.

March 2015 Added new note 5 for electronic shop drawings.

Aug 2016 Designated drawing for Off System and Local Roads bridges using weld tabs.

Oct 2017	Specified 0.6" diameter strand.
	Added note for Girder Shipping.
Nov 2019	Corrected size and spacing of G11 & G12 bars in the Girder Plan.
	Revised format of notes to active voice, imperative mood.
Sep 2020	Revised wording of notes 2, 4, 5 & 7.
	Added note 11 "Fabricate in accordance with Section 506".
	Renumbered notes 11, 12, 13, 14, & 15.
	Deleted 7 day requirement from note16.
	Added note 17 "Basis of Payment".
May 2021	Clarified spacing of bars in Girder End Details.
Jan 2022	Converted sheet to ORD format.
June 2022	Removed inch symbol from weld symbol and angle designation.
	Revised format of leader lines.
Oct 2023	Deleted note 1 and moved immediate and final losses to prestressed girder schedule on girder detail sheets.
	Deleted cast-in-place dowel bar option from note 1.
	Renumbered notes.
	Added arrows showing direction of deflection in Deflection Table.

B5.4D Typical Deck Bulb Tee Section & Details (State System)

B5.4D Typical Deck Bulb Tee Section & Details (State System)		
Aug 2016	Added new standard drawing for State System Bridges using UHPC longitudinal shear key.	
Oct 2017 Revised note 5 temporary bracing removal to agree with construction sequence.		
	Revised note 7 to agree with the Special Provision.	
	Revised note 9 to agree with the Special Provision.	
Nov 2019	Revised format of notes to active voice, imperative mood.	
	Added note 9A for HESC.	
	Added note 13 for PPC overlay.	
Jan 2022	Changed railing to 3-Tube Curb Mounted rail.	
	Converted sheet to ORD format.	
June 2022	Revised format of leader lines.	
Oct 2023	Revised format of notes to active voice, imperative mood and Writer's Style Guide	
	Revised railing from 2-tube curb mount rail to 3-tube curb mount rail in the Typical Section.	

Revised format of notes to active voice, imperative mood and Writer's Style Guide

B5.4E Prestressed Deck Bulb Tee Girder (State System)

D3.7E IICSUCS	sed beek build the diract (state system)
Aug 2016	Added new standard drawing for State System Bridges using UHPC longitudinal shear key.
Oct 2017	Changed stirrup spacing at the end of the girder in the Elevation view from 3" to 4" to agree with the End
	Reinforcement Detail.
Nov 2019	Defined extension length of G11 & G12 bars into UHPC and HESC closure pour.
May 2021	Changed CG of strand from centerline bearing to end of girder
Jan 2022	Converted sheet to ORD format.
June 2022	Revised format of leader lines.
Oct 2023	Bundled stirrups in h/4 end region.
	Changed Concrete Strength from PSI to KSI.
	Changed strand symbol from solid circle to open circle.
	Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder
	Schedule.

B5 4F Prestressed Deck Bulb Tee Girder Details (State System)

B5.4F Prestre	ssed Deck Build Tee Girder Details (State System)
Oct 2016	Added new standard drawing for State System Bridges using UHPC longitudinal shear key.
Oct 2017	Specified 0.6" diameter strand.
	Added note for Girder Shipping.
Nov 2019	Added HESC closure pour and forming details.
	Labeled closure pour and forming details for UHPC.
	Revised format of notes to active voice, imperative mood.
Sep 2020	Revised wording of notes 2, 7, & 13.

Added note 14 "Fabricate in accordance with Section 506".

Renumbered notes 14 to 19.

Deleted 7 day requirement from note 20. Added note 21 "Basis of Payment".

Added "min" to plywood strip thickness in UHPC Closure Pour Forming Details and deleted reference to

Ductal Jointing Procedure.

May 2021 Clarified spacing of bars in Girder End Details.

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Deleted note 1 and moved immediate and final losses to prestressed girder schedule on girder detail sheets.

Deleted cast-in-place dowel bar option from note 1.

Added arrows showing direction of deflection in Deflection Table.

Renumbered notes.

Revised format of notes to active voice, imperative mood and Writer's Style Guide.

B5.5A 1'-0" Prestressed Solid Slab (Off-System and Local Roads)

June 2013 Changed top mat reinforcement cover to 2½".

Added 4-G2#4 bars at top of section.

Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement.

Aug 2016 Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.

Corrected the float finish note reference in the Elevation.

Oct 2017 Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5.

Nov 2019 Corrected reference in PLAN from "note 5" to "note 4".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.5B 1'-3" Prestressed Voided Slab (Off-System and Local Roads)

June 2013 Changed top mat reinforcement cover to 2½".

Added 4-G2#4 bars at top of section.

Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement.

Aug 2016 Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.

Corrected the float finish note reference in the Elevation.

Oct 2017 Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5.

Nov 2019 Corrected reference in PLAN from "note 5" to "note 4".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.5C 1'-3" Prestressed Solid Slab (Off-System and Local Roads)

Feb 2012 Deleted void and vent hole details shown on the drawings.

June 2013 Changed top mat reinforcement cover to 2½".

Added 4-G2#4 bars at top of section.

Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement.

Aug 2016 Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.

Corrected the float finish note reference in the Elevation.

Oct 2017	Moved note from Typical Progressed Slab Details short P5 5G to greate note 5
Nov 2019	Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4".
Jan 2022	Converted sheet to ORD format.
	Revised format of leader lines.
June 2022	
Oct 2023	Changed Concrete Strength from PSI to KSI.
	Changed strand symbol from solid circle to open circle.
	Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder
	Schedule.
D5 5D 41 69 D	
	restressed Solid Slab (Off-System and Local Roads)
Feb 2012	Deleted void and vent hole details shown on the drawings.
June 2013	Changed top mat reinforcement cover to $2\frac{1}{2}$ ".
	Added 4-G2#4 bars at top of section.
	Added Note 5 for design of end block reinforcement
A 2016	Revised location of top row of prestress reinforcement.
Aug 2016	Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.
0 + 2017	Corrected the float finish note reference in the Elevation.
Oct 2017	Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5.
Nov 2019	Changed center of 8" voids from 8½" to 9" to meet the requirements of AASTO Article 5.12.3.2.2.
1 2022	Corrected reference in PLAN from "note 5" to "note 4".
Jan 2022	Converted sheet to ORD format.
June 2022	Revised format of leader lines.
Oct 2023	Changed Concrete Strength from PSI to KSI.
	Changed strand symbol from solid circle to open circle.
	Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder
	Schedule.
DE SE 12 02 D	restructed Solid Slab (Off System and Legal Deads)
	restressed Solid Slab (Off-System and Local Roads)
Feb 2012	Deleted void and vent hole details shown on the drawings.
	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½".
Feb 2012	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to $2\frac{1}{2}$ ". Added 4-G2#4 bars at top of section.
Feb 2012	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement
Feb 2012 June 2013	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to $2\frac{1}{2}$. Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement.
Feb 2012	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.
Feb 2012 June 2013 Aug 2016	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation.
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Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4".
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Pr	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. restressed Voided Slab (Off-System and Local Roads)
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Pr June 2006	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. restressed Voided Slab (Off-System and Local Roads) Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Pr	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. restressed Voided Slab (Off-System and Local Roads) Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2. Changed top mat reinforcement cover to 2½".
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Pr June 2006	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. restressed Voided Slab (Off-System and Local Roads) Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Pr June 2006	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. **restressed Voided Slab (Off-System and Local Roads)* Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Produce 2006 June 2013	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. **restressed Voided Slab (Off-System and Local Roads)* Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Pr June 2006	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. restressed Voided Slab (Off-System and Local Roads) Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.
Feb 2012 June 2013 Aug 2016 Oct 2017 Nov 2019 Jan 2022 June 2022 Oct 2023 B5.5F 2'-2" Produce 2006 June 2013	Deleted void and vent hole details shown on the drawings. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement Revised location of top row of prestress reinforcement. Designated drawing for Off System and Local Roads bridges using weld ties and tie rods. Corrected the float finish note reference in the Elevation. Moved note from Typical Prestressed Slab Details sheet B5.5G to create note 5. Corrected reference in PLAN from "note 5" to "note 4". Converted sheet to ORD format. Revised format of leader lines. Changed Concrete Strength from PSI to KSI. Changed strand symbol from solid circle to open circle. Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder Schedule. **restressed Voided Slab (Off-System and Local Roads)* Extended the 6" stirrup spacing in the end block to comply with AASHTO Article 5.10.10.2. Changed top mat reinforcement cover to 2½". Added 4-G2#4 bars at top of section. Added Note 5 for design of end block reinforcement.

Corrected reference in PLAN from "note 5" to "note 4".

Converted sheet to ORD format.

Nov 2019

Jan 2022

June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.5G Typical Prestressed Slab Details (Off-System and Local Roads)

June 2006 Corrected the reference in Note 10 to paragraph H to conform to the 2004 Standard Specifications.

July 2009 Added Note 19 for size of strand used in the design.

June 2013 Corrected Detail A.

Added Self Consolidating Concrete note to Note 9.

March 2015 Added new note 14 for electronic shop drawings.

Aug 2016 Designated drawing for Off System and Local Roads bridges using weld ties and tie rods.

Deleted composite dead load from deflection data table.

Oct 2017 Specified 0.6" diameter strand.

Added note for Girder Shipping.

Nov 2019 Revised Note 9 to replace reference to Contractor's Note for Self-Consolidating Concrete with "Section 502"

to comply with the 2018 Standard Specifications.

Revised format of notes to active voice, imperative mood.

Sep 2020 Changed "Girders" to "Slab" in notes 1, 15, 16, 19, & Construction Sequence note 1.

Deleted "All" in note 16.

Changed "Subsection 506.03" to "Section 506" in note 16. Deleted "7 days after placement" requirement in note 21.

Added note 22 "Basis of Payment".

Added Δ before "P" in Δ P + Δ G equation in Deflection Table.

Changed title from "Tie Rods" to "Tie Rods and Bearing Plates" in Notes.

Jan 2022 Converted sheet to ORD format.

June 2022 Removed inch symbol from weld symbol.

Used diameter symbol in Steel Plate Washer Detail.

Revised format of leader lines.

Oct 2023 Deleted note 1 and moved immediate and final losses to prestressed girder schedule on girder detail sheets.

Renumbered notes.

Added arrows showing direction of deflection in Deflection Table.

Revised format of notes to active voice, imperative mood and Writer's Style Guide.

B5.6A 12" Prestressed Slab (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 In note 2, replaced sheet number with "Typical Prestressed Slab Details sheet".

In note 5, changed note reference to 21 to agree with new numbering on Typical Prestressed Slab Details

sheet.

Moved note from Typical Prestressed Slab Details sheet B5.6G to create note 7.

In the Elevation, changed note reference to 18 to agree with new numbering on Typical Prestressed Slab

Details sheet and replaced sheet number with "Typical Prestressed Slab Details sheet".

Nov 2019 Increased depth of shear key from 6" to 7".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.6B 1'-3" Prestressed Voided Slab (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 In note 2, replaced sheet number with "Typical Prestressed Slab Details sheet".

In note 5, changed note reference to 21 to agree with new numbering on Typical Prestressed Slab Details sheet.

Moved note from Typical Prestressed Slab Details sheet B5.6G to create note 7.

In the Elevation, changed note reference to 18 to agree with new numbering on Typical Prestressed Slab

Details sheet and replaced sheet number with "Typical Prestressed Slab Details sheet".

Nov 2019 Deleted 4" dia. PVC for future utilities note from Section at Mid-Span. 4" PVC will not fit inside 5" void.

Increased depth of shear key from 6" to 7".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.6C 1'-3" Prestressed Slab (State System) (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 In note 2, replaced sheet number with "Typical Prestressed Slab Details sheet".

In note 5, changed note reference to 21 to agree with new numbering on Typical Prestressed Slab Details

sheet

Moved note from Typical Prestressed Slab Details sheet B5.6G to create note 7.

In the Elevation, changed note reference to 18 to agree with new numbering on Typical Prestressed Slab

Details sheet and replaced sheet number with "Typical Prestressed Slab Details sheet".

Nov 2019 Increased depth of shear key from 6" to 7".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.6D 1'-6" Prestressed Voided Slab (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 In note 2, replaced sheet number with "Typical Prestressed Slab Details sheet".

In note 5, changed note reference to 18 to agree with new numbering on Typical Prestressed Slab Details

sheet.

Moved note from Typical Prestressed Slab Details sheet B5.6G to create note 7.

In the Elevation, changed note reference to 21to agree with new numbering on Typical Prestressed Slab

Details sheet and replaced sheet number with "Typical Prestressed Slab Details sheet".

Nov 2019 Changed center of 8" voids from 8½" to 9" to meet the requirements of AASTO Article 5.12.3.2.2.

Corrected note 5 reference from "note 21" to "note 20".

Increased depth of shear key from 6" to 7".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.6E 1'-9" Prestressed Voided Slab (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 In note 2, replaced sheet number with "Typical Prestressed Slab Details sheet".

In note 5, changed note reference to 21 to agree with new numbering on Typical Prestressed Slab Details

sheet.

Moved note from Typical Prestressed Slab Details sheet B5.6G to create note 7.

In the Elevation, changed note reference to 18 to agree with new numbering on Typical Prestressed Slab

Details sheet and replaced sheet number with "Typical Prestressed Slab Details sheet".

Nov 2019 Increased depth of shear key from 6" to 7".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.6F 2'-2" Prestressed Voided Slab (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 In note 2, replaced sheet number with "Typical Prestressed Slab Details sheet".

In note 5, changed note reference to 21 to agree with new numbering on Typical Prestressed Slab Details

sheet.

Moved note from Typical Prestressed Slab Details sheet B5.6G to create note 7.

In the Elevation, changed note reference to 18 to agree with new numbering on Typical Prestressed Slab

Details sheet and replaced sheet number with "Typical Prestressed Slab Details sheet".

Nov 2019 Increased depth of shear key from 6" to 7".

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Changed Concrete Strength from PSI to KSI.

Changed strand symbol from solid circle to open circle.

Moved Immediate and final losses from Prestressed Deck Girder Details sheet to Prestressed Girder

Schedule.

B5.6G Typical Prestressed Slab Details (State System)

Aug 2016 Added new standard drawing for State System Bridges using UHPC longitudinal shear key.

Oct 2017 Reformatted Notes.

Specified 0.6" diameter strand. Added note for Girder Shipping.

Changed "mill" to "diamond grind" in new note 21.

March 2018 Changed "mill" to "diamond grind" in Construction Sequence note 5.

Nov 2019 Revised Note 3 to replace reference to Contractor's Note for Self-Consolidating Concrete with "Section 502"

to comply with the 2018 Standard Specifications.

Corrected reference to "note 21" to "note 20" in Camber Detail. Revised format of notes to active voice, imperative mood.

Deleted note 20 for future utility conduits.

Renumbered note 21 to note 20.

Changed thickness of strip form from $\frac{1}{4}$ to $\frac{3}{8}$ " and plywood cover form thickness from $\frac{3}{8}$ " to agree

with deck bulb tee girder details.

Increased depth of shear key from 6" to 7".

Corrected location of G6 bar in Shear Key Detail to show 21/2" clear and increased length of G6 & G7 bars.

Sep 2020 Deleted "All" from notes 6 & 16.

Revised wording of notes 8 &.11.

Changed "Subsection 506.03" to "Section 506" in note 17. Deleted "7 days after placement" requirement in note 22.

Added note 23 "Basis of Payment".

Added Δ before "P" in Δ P + Δ G equation in Deflection Table.

Added "min" to plywood strip thickness in Shear Key Forming Details and deleted reference to Ductal

Jointing Procedure.

Added "Hot dip galvanize after fabrication" to Slab Bearing Plate detail.

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Deleted note 1 and moved immediate and final losses to prestressed girder schedule on girder detail sheets.

Renumbered notes.

Revised format of notes to active voice, imperative mood and Writer's Style Guide.

Added arrows showing direction of deflection in Deflection Table.

B5.7A Box Girder Details

June 2006	Renumbered the sheet.
Nov 2019	Revised format of notes to active voice, imperative mood.
Jan 2022	Converted sheet to ORD format.
June 2022	Revised format of leader lines.
Oct 2023	Revised format of notes to active voice, imperative mood and Writer's Style Guide.

B5.7B Post-tensioning Standard Details

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June 2006	Renumbered the sheet.
Nov 2019	Revised format of notes to active voice, imperative mood.
Jan 2022	Converted sheet to ORD format.
June 2022	Revised format of leader lines.
Oct 2023	Revised format of notes to active voice, imperative mood and Writer's Style Guide.

B5.8 Electrical Connection to Top Reinforcing Steel

June 2006	Added new	standard o	drawing.

Nov 2019 Deleted sheet.

B5.8 Concrete Repair Details

Nov 2019	Added new sneet.
May 2021	Added "Section" to "582" references.

Added preformed joint filler around bearing pad in Section B-B.

Increased depth of spall removal in Section D-D to be 3/4" below reinforcement to engage rebar to hold

patch in place.

Jan 2022 Converted sheet to ORD format. June 2022 Revised format of leader lines.

Oct 2023 Revised format of notes to active voice, imperative mood and Writer's Style Guide.