County and City Bridge Improvement Program (CCBIP)

KYTC Standard Drawing Checklist

Box Beam or Composite Box Beam Superstructure

General Notes and Details (Required)

☐ BDP-001 Box Beam General Notes and References

☐ BDP-002 Box Beam Bearing Details

☐ BDP-003 Box Beam Miscellaneous Details

☐ BDP-004 Box Beam Tension Rod Details

☐ BBP-003 Elastomeric Bearing Pads for Box Beams

Beam Design Details (Choose One)

☐ BDP-006 Box Beam B12 and CB12 Details

☐ BDP-007 Box Beam B17 and CB17 Details

☐ BDP-008 Box Beam B21 and CB21 Details

☐ BDP-009 Box Beam B27 and CB27 Details

☐ BDP-010 Box Beam B33 and CB33 Details

☐ BDP-011 Box Beam B42 Details

☐ BDP-012 Box Beam CB42 Details

Miscellaneous (Required)

☐ BDP-005 Railing System Type II Details

☐ Sepia 001 Railing System Type II Guardrail Treatment

☐ BJE-001 Neoprene Expansion Dams and Armored Edges

Slab Bridge

General Notes and Details (Required)

☐ BDP013 Slab Bridge Details

Miscellaneous (Required)

☐ BDP-005 Railing System Type II Details

☐ Sepia 001 Railing System Type II Guardrail Treatment

☐ BJE-001 Neoprene Expansion Dams and Armored Edges

Composite Steel Beam

General Notes and Details (Required)

☐ BSB-101 Composite Steel Beam General Notes

☐ BSB-102 Composite Steel Beam Tables

☐ BSB-103 Composite Steel Beam Slab Details

☐ BSB-104 Composite Steel Beam Framing Plan

☐ BSB-105 Rolled Steel Diaphragm Details

Miscellaneous (Required)

☐ BHS-012 Railing System Type T631 Details

☐ BJE-001 Neoprene Expansion Dams and Armored Edges

Non-Composite Steel Beam

General Notes and Details (Required)

☐ BSB-002 KYHL-93 Beam Standards

☐ BSB-003 Slab and End Diaphragm Details

☐ BSB-004 Rolled Steel Diaphragm Details

☐ BSB-005 Rolled Steel Diaphragm Details

☐ BSB-006 Rolled Steel Diaphragm Details

Miscellaneous (Required)

☐ BHS-012 Railing System Type T631 Details

☐ BJE-001 Neoprene Expansion Dams and Armored Edges

ABUTMENTS

BSA -001 – BSA-060 (Select Standard Drawing based on Bridge Skew and Wing Wall Skew). *Note: Abutments standard details require 2 sheets, Plan Sheets and Reinforcement Tables and General Notes for each Skew/Wing Combination.*

☐ BSA – 0_ _ ____ Skew Variable Width Abutment with _ _ % Skewed Wings (1/2)

☐ BSA – 0_ _ ____ Skew Variable Width Abutment with _ _ % Skewed Wings (2/2)

END BENTS and PILES

Choose One based on Bridge Skew

☐ BSE-001 Pile End Bent 0° Skew

☐ BSE-002 Pile end Bent 15° Skew

☐ BSE-003 Pile End Bent 30° Skew

☐ BSE-004 Pile End Bent 45° Skew

Choose One based on Pile Type

☒ BPS-003 HP12x53 Steel Pile

☐ BPS-012 Pipe Pile 16 Inch

PIERS

☐ BSP-001 Standard Pier 0° Skew 16'-0"-17'-6" Bridge Width

☐ BSP-002 Standard Pier 0° Skew 24'-0"-25-6" Bridge Width

☐ BSP-003 Standard Pier 0° Slew 32'-0"-33'-6" Bridge Width

☐ BSP-004 Standard Pier 15° Skew 16'-0"-17'-6" Bridge Width

☐ BSP-005 Standard Pier 15° Skew 24'-0"-25'-6" Bridge Width

☐ BSP-006 Standard Pier 15° Skew 32'-0"-33'-6" Bridge Width

☐ BSP-007 Standard Pier 30° Skew 16'-0"-17'-6" Bridge Width

☐ BSP-008 Standard Pier 30° Skew 24'-0"-25'-6" Bridge Width

☐ BSP-009 Standard Pier 30° Skew 32'-0"-33'6" Bridge Width

☐ BSP-010 Standard Pier 45° Skew 16'-0"-17'6" Bridge Width

☐ BSP-011 Standard Pier 45° Skew 24'-0"-25'-6" Bridge Width

☐ BSP-012 Standard Pier 45° Skew 32'-0"-33'-6" Bridge Width