GENERAL NOTES (CONT.)

ERECTION: Bring each line of beams to the correct line, grade (or relative grade) and camber, and secure in place prior to connection of the beam field splices. Provide falsework bents as necessary to maintain the correct line and elevation. Leave the falsework bents in place until all beam splice connections are completed. Submit information which clearly shows the proposed layout and use of falsework bents. The Engineer shall approve such information prior to erection of structural steel.

ERECTION PLANS: This is a Category A Structure. Submit detailed Erection Plans to the Field Engineer per KDOT Specifications. A Licensed Professional Engineer is not required.

PAINTING: The shop and field coats applied to Structural Steel shall conform to an inorganic zinc primer with a waterborne acrylic finish coat. The finish coat will be Black, and this color will match Federal Standard #27038.

Touch–up is required at all field welds, or on any areas of damaged coating where Structural Steel will be exposed to the elements at project completion. Touch–ups shall be accomplished using the same methods and materials specified herein.

CONTACT SURFACES: Blast clean the contact surfaces of the field splices to SSPC–SP10 and apply a 3 mil prime coat of inorganic zinc primer.

PAINTING TOP FLANGES: (Studs applied in the shop) Apply a 3 mil primer coat of an approved inorganic zinc primer to the tops of the top flanges and to the studs.

(Studs applied in the field) Shop Work – Blast clean the tops of the top flanges to SSPC–SP10 Specifications (latest Revision). Apply a minimum 1.5 mil prime coat of inorganic zinc primer to the tops of the top flanges.

Field Work – Blast clean the tops of the top flanges to SSPC–SP6 Specifications (latest Revision) before the studs are applied. After the studs are applied, blast clean the tops of the top flanges and the studs to SSPC–SP6 Specifications and paint with an approved organic zinc primer to a minimum dry film thickness of 3 mils.

PAINTING BEARINGS: Blast clean the bearings, in the shop, except for the ANSI 125 finished surfaces. Paint the bridge bearings with an Inorganic Zinc Primer except for the ANSI 125 finished surfaces. Paint the ANSI 125 finished surfaces with an approved dry film lubricant. After erection, apply the water–borne acrylic finish coat to all exposed surfaces.

CONCRETE: Superstructure concrete is bid as Concrete (Grade 4.0) (AE)(SA)(MPC). Substructure concrete is bid as Concrete (Grade 4.0)(AE). If desired, the Contractor may use Concrete (Grade 4.0) in the footings and in the abutments below the construction joint. Bevel all exposed edges of all concrete with a ¾ inch triangular molding, except where noted on the plans. Construction joints are optional, but if used, place only at locations shown, or at locations approved by the Engineer.

REINFORCING STEEL: All reinforcing steel dimensions are to the centerline of bars unless otherwise noted. All reinforcing steel, except the spiral bars, shall conform to the requirements of ASTM A615, Grade 60. Spiral bars may meet the requirements of either ASTM A615 (Gr. 40 or 60) or AASHTO M 32, and are included in the bid item "Reinforcing Steel (Gr. 60)". Where non–coated bars come in contact with epoxy coated bars, they need not be coated.

CONCRETE PLACING SEQUENCE: The Superstructure Deck Concrete shall be placed continuously from E.W.S. to E.W.S. If, due to an unforseen emergency situation, the concrete placement is stopped, a transverse construction joint shall be installed 1/4 of the span length short of a pier as directed by the Engineer. In that case, the following information shall be provided to the Engineer: The proposed rate of concrete placement in C.Y./hr., the plant capacity, placement direction, construction joint location, a description of the equipment used in placing the concrete, proposed admixtures, and the quantity of concrete in each placing segment. Any additional cost for the Contractor's alternate plan of placing concrete, including admixtures, shall be at the Contractor's expense and shall be considered subsidiary to the bid item, "Concrete (Grade 4.0) (AE)(SA)(MPC)". Approval of the Contractor's alternate sequence is required prior to placement of concrete in the deck.

Place and hand vibrate all concrete for the abutments above the construction joint to the bottom of deck elevation just prior to the normal paving train operations. Do this work in a manner to avoid cold joints in either the slab or in the abutment.

CONSTRUCTION JOINTS: The construction joints shown are optional with the Contractor. If used, place the construction joints only at locations shown or at locations approved by the Engineer.

CONSTRUCTION LOADS: Only foot traffic is permitted on the new sub–deck, one–course deck or any concrete overlay during the curing period, **keep any exposed deck wet during the curing period**. See KDOT Specifications Section 710 Tables 710–1 & 710–2 for additional information.

BRIDGE DECK GROOVING: After the bridge deck has cured, and prior to installation of railing or light towers, longitudinally groove the deck from end–to–end in accordance with KDOT Specifications. Bridge Deck Grooving width shall be 11 feet (11') centered on the bridge deck. Terminate grooving one foot (1') from each E.W.S.

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IMPROVEMENT PLANS FOR

15TH STREET BRIDGE OVER THE WICHITA DRAINAGE CANAL

WICHITA, KS

GENERAL NOTES (CONTINUED)

PROJECT NO. 472-2023-085864

SCALE NONE

DRAWN	DESIGNED	CHECKED
RAM	DMU	JTH

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	8-1-2025

SHEET NO. 33 OF 114