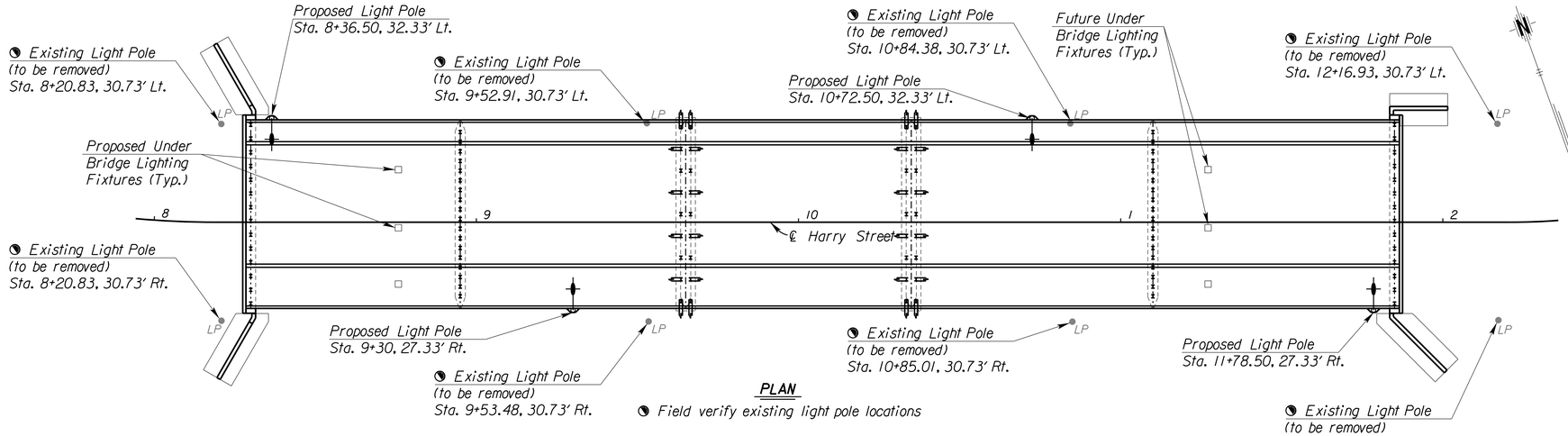
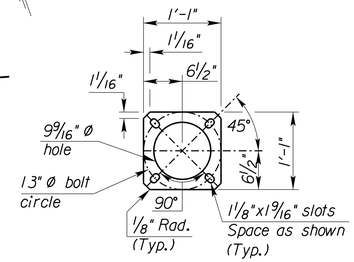
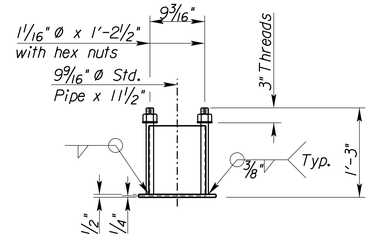


PLAN

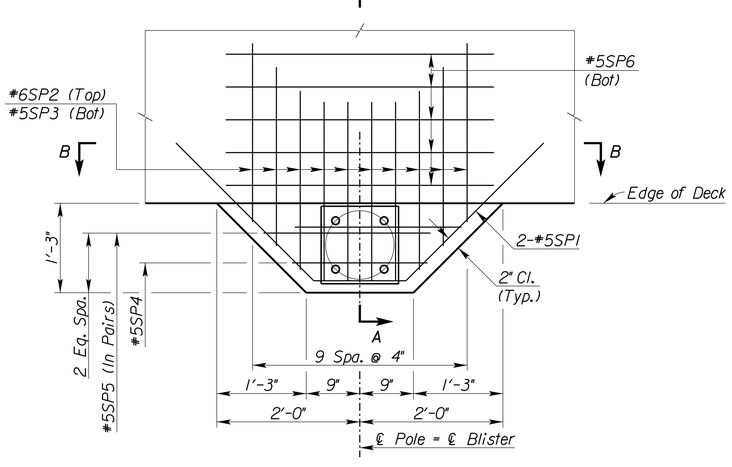
Field verify existing light pole locations





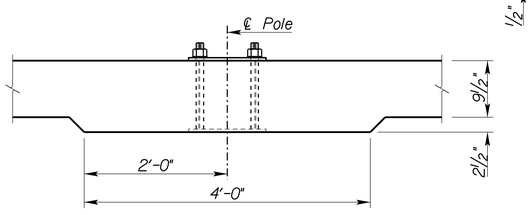
ANCHOR BAR ASSEMBLY

4 Required
(Subsidiary to bid item "Concrete Grade 4.0 (AE)(SA)")



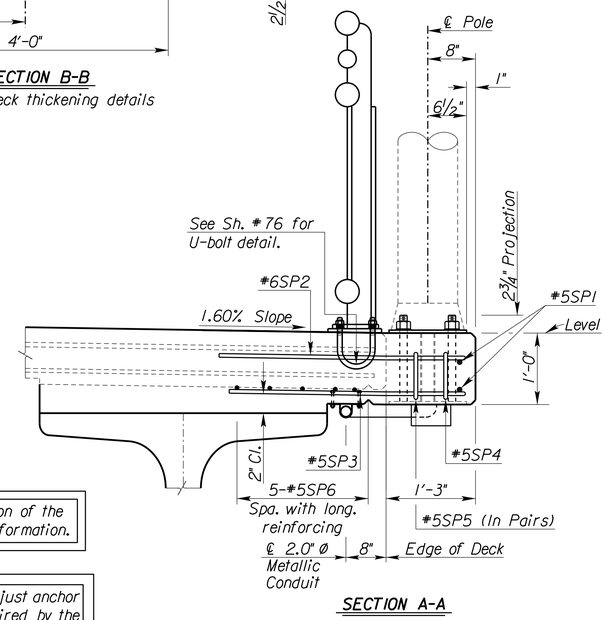
PLAN

Light Pole Support (Typ.)
(4 Required)



SECTION B-B

Showing deck thickening details



SECTION A-A

GENERAL NOTES:

CONCRETE: Use the same concrete as used in the deck slab. Form exposed edges with a ¾" triangular molding unless otherwise noted. The quantities shown are included in the Summary of Quantities.

REINFORCING: All reinforcing steel shall be Grade 60 (Epoxy coated). Dimensions shall be to ℄ bar, unless otherwise noted.

UTILITY ACCOMMODATION: The Contractor shall coordinate with the utility company for scheduling the installation of the electrical cable and light standards.

ANCHOR BOLTS: Anchor bolt assemblies shall be hot dipped galvanized after fabrication. All bolts and nuts shall be zinc or cadmium plated, conforming to KDOT Standard Specifications. Anchor bolt plate shall meet the requirements of ASTM A36. 2" Ø voids may be formed with plastic pipe. Anchor bolt assemblies, bolts, nuts and voids shall be furnished and installed by the Contractor. The cost of these items are subsidiary to the bid item "Electrical Lighting System".

ELECTRICAL CONDUIT: The Contractor shall furnish and install conduits as shown on the plans. The conduit shall be supported by hangers which are supported by bolts anchored into the exterior beams. The spacing of the hangers shall be no more than ten feet center to center. The conduit, fittings and misc. hardware shall conform to the Standard Specifications 1703. All materials and labor shall be included in the bid item "Electrical Lighting System".

ELECTRICAL LIGHTING SYSTEM: Accessories (Conduits, Light poles, anchor bolts, hangers and incidentals) needed to support and carry the Electric System (Westar Lighting, traffic signal conduits) through the bridge are subsidiary to the bid item "Electrical Lighting System". The existing lighting system on the bridge is connected to the City of Wichita Circuitry. The Contractor shall coordinate with Westar prior to installing the new conduits to allow for scheduling the installation of the items and for rerouting the connection to the City of Wichita Circuitry located west of the project. All connections of the new lights poles shown on the plans shall be connected to the existing City of Wichita Circuitry. All equipment, material and labor to install the electrical lighting system shall be provided by the contractor. Submit Shop drawings to the engineer for approval. The under bridge lighting systems are included in the bid item "Electrical Lighting System".

NOTE: See Sh. #73 for location of the lighting conduits and other information.

NOTE: The Contractor shall ad just anchor bolt pattern and plate as required by the pole manufacturer.

CITY OF WICHITA

wsp

HARRY STREET BRIDGE OVER ARKANSAS RIVER
BRIDGE LIGHTING LAYOUT & DETAILS
STRUCTURE NO. 430400876 30AR40

REVISIONS			
NO.	DATE	DESCRIPTION	

PROJ NO:	35838B
SCALE:	AS NOTED
DATE:	.
DESIGNED BY:	--
DRAWN BY:	--
CHECKED BY:	--
YEAR:	2019

SHEET NO
72
SHEET 72 OF 135

Plotted : 10/3/2019 2:15:11 PM File : T:\35838A-COW_HarryStBridge\Cadd\Sheets\Structures\838ELE01.dgn