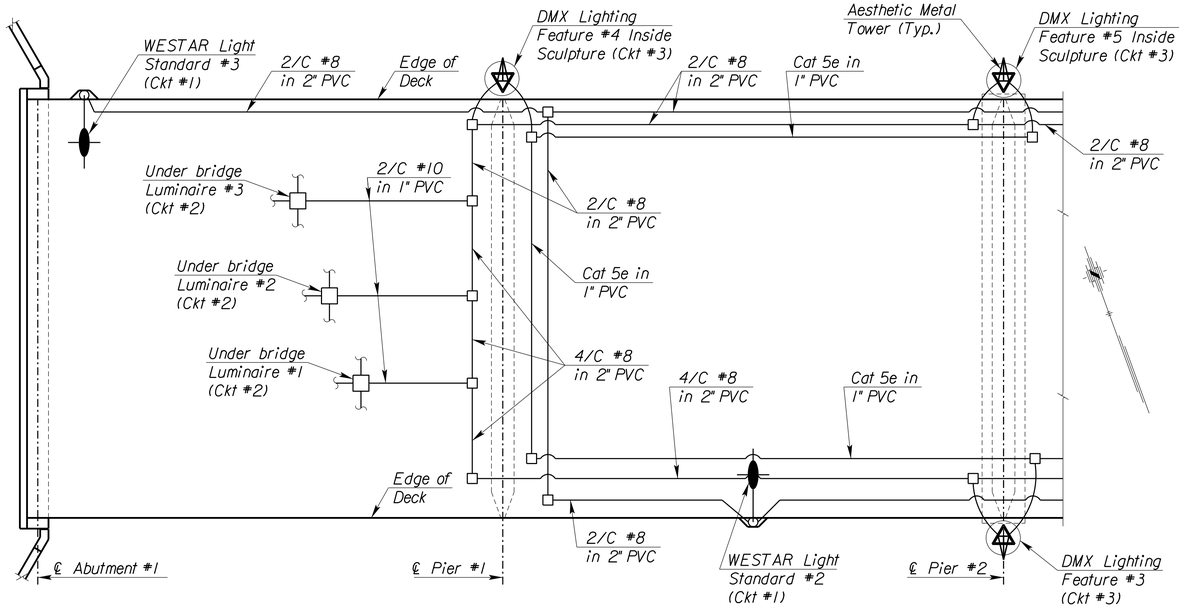
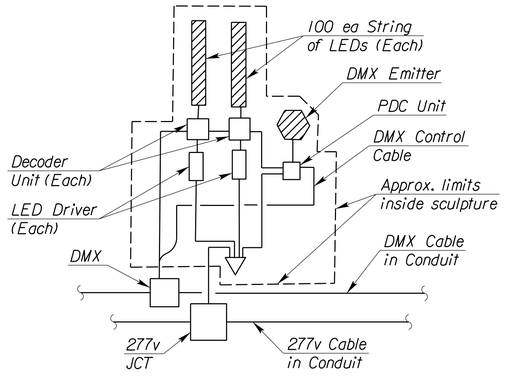


PARTIAL PLAN SHOWING UTILITY CONDUIT LOCATIONS

(Showing Spans #1 & #2)



WIRING INSIDE AESTHETIC METAL TOWER

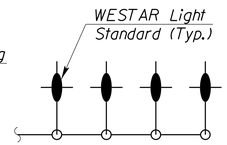
(By the Artist)

GENERAL NOTES

UTILITY ACCOMODATION: The Contractor shall coordinate with the lighting subcontractor prior to installing the conduits to allow for scheduling the installation of the electrical cable and light standards. The Contractor shall provide access to the pull boxes, including any work platform necessary for their access. All other equipment, materials and labor to install the electrical cable and light standards shall be provided by the lighting subcontractor.

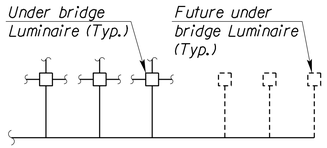
ELECTRICAL CONDUIT: The Contractor shall furnish and install all conduit, couplings (threaded), bolts, nuts, washers, Redwood dimension lumber, brackets, additional structural angles and holes in proper diaphragms as shown on the plans. The conduit, fittings and miscellaneous hardware shall conform to the Standard Specifications, Section 1703. All materials and labor shall be included in the bid item "Electrical Lighting System".

ELECTRIC SYSTEMS: Accessories (conduits, hangers, and incidentals) needed to support and carry electric systems (WESTAR, bridge lighting & aesthetic lighting) through the bridge are subsidiary to their respective bid item.



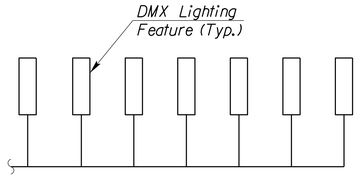
Ckt #1 Layout

(480v Un-metered)



Ckt #2 Layout

(277v Metered, Dusk/Dawn circuit.)

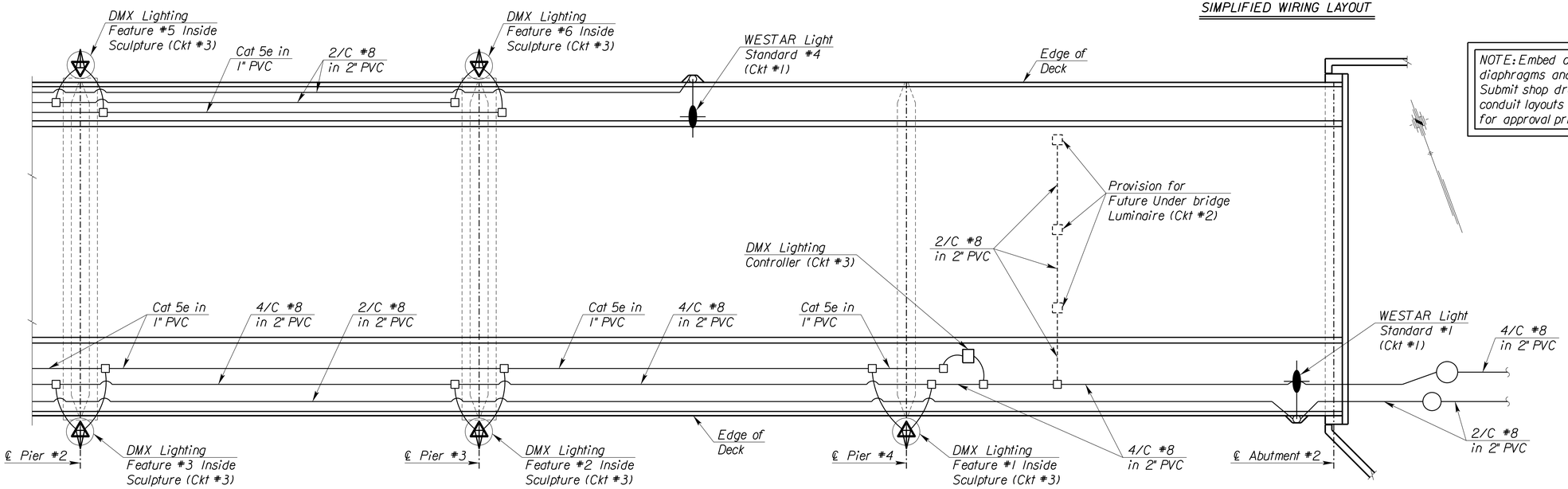


Ckt #3 Layout

(277v Metered, Dusk/Dawn circuit.)

SIMPLIFIED WIRING LAYOUT

NOTE: Embed conduits in pier diaphragms and the pier beam. Submit shop drawings for all conduit layouts to the Engineer for approval prior to installation.



PARTIAL PLAN SHOWING UTILITY CONDUIT LOCATIONS

(Showing Spans #3 thru #5)

CITY OF WICHITA

wsp

BRIDGE LIGHTING WIRING DIAGRAM & DETAILS

HARRY STREET BRIDGE
OVER ARKANSAS RIVER
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

73

SHEET 73 OF 135

Plotted : 10/3/2019 2:15:14 PM File : T:\35838A-COW_HarryStBridge\Cadd\Sheets\Structures\838ELE02.dgn