



- DEMO NOTES:**
- DEMO ALL COLD CATHODE LIGHTING OVER SIDEWALKS. REMOVE CONDUIT, WIRING, ASSOCIATED BOXES, ETC. REFER TO DEMO PLANS.
- GENERAL NOTES:**
- THE LIGHTING INSTALLATION WORK & MATERIALS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES.
 - CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & PROPORTIONS ASSOCIATED WITH LIGHTING LAYOUTS. AESTHETICS AND ILLUMINATION PERFORMANCE SHALL BE CONSIDERED PRIOR TO SHIFTING OR REVISING LUMINAIRE MOUNTING LOCATION DUE TO FIELD CONDITIONS. REFER TO ARCHITECT FOR APPROVAL PRIOR TO MODIFYING LAYOUTS.
 - COORDINATE EXACT LOCATION AND COLOR OF CONDUIT WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. ALL PAINTING OF THE CONDUITS IS SUBSIDIARY TO THE INSTALLATION COST.
 - COORDINATE ALL LUMINAIRE MOUNTING HEIGHTS WITH ARCHITECTURE DETAILS AND ELEVATIONS. ARCHITECTURAL ELEVATIONS SHALL TAKE PRECEDENCE FOR ALL PENDANT MOUNTING ARRANGEMENTS.
 - CONTRACTOR TO VERIFY THAT ALL REQUIRED ELECTRICAL AND PHYSICAL CONNECTOR COMPONENTS ARE INCLUDED WITH EACH LUMINAIRE TYPE AS MAY BE REQUIRED TO MAKE A COMPLETE AND FUNCTIONAL LUMINAIRE ASSEMBLY AS DESCRIBED IN LUMINAIRE SCHEDULE DESCRIPTION AND ACCORDING TO MANUFACTURER'S RECOMMENDATION. REFER TO ARCHITECT'S DETAILS FOR ADDITIONAL INFORMATION.
 - CONTRACTOR TO FIELD VERIFY CEILING DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF LUMINAIRES TO IDENTIFY POTENTIAL MOUNTING CONFLICTS. IF QUESTIONS, CONTACT ARCHITECT TO CONFIRM MOUNTING LOCATION.
 - ALL WIRE IS #10 IN 1/2" C. UNLESS NOTED OTHERWISE ON PLAN. MINIMUM WIRE SIZE SHALL BE #10 AND MINIMUM CONDUIT SIZE SHALL BE 1" C.
 - ALL JUNCTION BOXES SHALL BE WEATHERPROOF.

- PLAN LIGHTING KEY NOTES:**
- (8) LO1 POLES MOUNTED TO LANE DIVIDER.
 - LO2 TO WASH LIGHT ON "X" STRUCTURE. REFER TO DETAILS ON SHEET 27 AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
 - LO3 TO WASH LIGHT ON WALL. REFER TO DETAILS ON SHEET 27 AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
 - LO4 LINEAR LIGHTING INTEGRAL TO GUARDRAIL. REFER TO DETAILS ON SHEET 27 AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION. LENGTHS ARE FOR INITIAL REFERENCE. VERIFY FINAL LENGTHS WITH FINAL GUARDRAIL SHOP DRAWINGS.
 - REMOTE OUTDOOR RATED DRIVER REQUIRED. RE: DETAILS FOR ADDITIONAL INFORMATION.
 - LO3 NOT CENTERED BETWEEN GIRDERS IN THIS LOCATION ONLY. USE DIMENSION INFORMATION FOR PLACEMENT.
 - LO2 AND LO3 SHOULD BE TYPICALLY CENTERED BETWEEN GIRDERS AS SHOWN.
 - EXISTING RAILROAD ACCENT LUMINAIRES. RE-INSTALL ON FENCING PER EXISTING MOUNTING AND CONNECT TO NEW ELECTRICAL SYSTEM.

- PLAN CONTROL GENERAL NOTES:**
- SITE LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL ON, TIMELOCK OFF.
 - TYPE LO1 CUSTOM POLE AND LO4 GUARDRAIL SHALL BE ON OFF.
 - TYPE LO2 WASH FOR RED "X" STRUCTURE AND LO3 WASH FOR WALLS WILL BE ON DIMMER FOR ONE TIME ADJUSTMENT THAT FINE TUNES LIGHT LEVELS TO BE COMPATIBLE WITH SURROUNDS. SET LIGHT LEVELS WITH OWNER'S REPRESENTATIVE AT NIGHT.

EXISTING METER (ETR)
#40 377 327
681 E. DOUGLAS
120V, 1PH, 3W

EXISTING 120/240V, 125A MCB, 1P, LIGHTING CONTROLLER "D" WITH ADJACENT METER. DISCONNECT, (5) 30A CIRCUIT BREAKERS AND (5) 30A CONTACTORS, (1) PER CIRCUIT.

PROVIDE (1) 0-10V DIMMER SWITCH, DIMMABLE TO 10% IN SINGLE WEATHERPROOF ENCLOSURE ON SECONDARY SIDE OF EACH CONTACTOR FOR CIRCUITS D-2 AND D-5. (TOTAL OF (2) DIMMERS)

PRINTS ISSUED		
DATE	PURPOSE	NO.
09.13.17	FOR CONSTRUCTION	

DOUGLAS AVE.-BNSF
RAILROAD UNDERPASS
IMPROVEMENTS
WICHITA, KS

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SHEET TITLE:
ELECTRICAL SITE PLAN

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26

