



1 BRIDGE LIGHTING DETAIL
NO SCALE

ELECTRICAL LEGEND

- ☼ 40FL. GROUND MOUNTED LIGHTING STANDARD WITH (1) 250W HPS COBRA HEAD LUMINAIRE (PROVIDED BY OTHERS).
- ⊘ SERVICE POLE
- ≡≡≡ 3" RMC CONDUIT UNDER ROADWAYS (GALVANIZED).
- 2" DUCT WITH CABLE
- ☐ UNDERPASS LUMINAIRE, 100W HPS 120V LUMINAIRE. LITHONIA #KPSSS100S-R3-120-WL-DBL BLACK FINISH AND PROVIDE WITH ACCESSORIES NECESSARY FOR MOUNTING TO BOTTOM SIDE OF BRIDGE.

GENERAL NOTES

1. ALL METAL PARTS OF SWITCHES, CASES, POLES, CONDUIT, ETC. WHERE USED ABOVE GROUND SHALL BE GROUNDED WITH #6 AWG COPPER WIRE. RESISTANCE TO GROUND SHALL BE LESS THAN 25 OHMS AND SHALL BE CHECKED WITH AN OHM METER FURNISHED BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF LIGHTING AND TRAFFIC SIGNAL EQUIPMENT WITH ALL EXISTING AND PROPOSED UTILITIES. WHERE CONFLICTS ARISE, THE EQUIPMENT SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
3. ALL WIRING SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND THE SPECIFICATIONS.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL LIGHTING EQUIPMENT INCLUDING CONDUIT FITTINGS, SUPPORTS, SCREW-IN BASES FOR POLES, INTERCONNECTIONS, GROUND RODS AND ALL INCIDENTALS NECESSARY FOR THE COMPLETE INSTALLATIONS WITHIN THE LIMITS SHOWN ON THE PLANS.
5. THE UNDERGROUND CONDUCTOR IN DUCT SHALL BE INSTALLED APPROX. 24" BELOW GROUND LINE. THE CONDUCTOR IN DUCT CAN BE PLOWED OR TRENCHED AND BACKFILLED. CONDUIT SHALL BE LOCATED WHERE IT WILL NOT CONFLICT WITH PROPOSED RETAINING WALL, BARRIER FOUNDATIONS, AND OTHER OBJECTS.
6. ALL TRENCHING AND CIRCUITING SHALL BE DONE WITHIN CITY OF WICHITA AND/OR KDOT R/W.
7. BACKFILL IN ALL AREAS SHALL BE FREE OF RUBBLE AND ROCK AND SHALL BE COMPACTED WHERE UNDER PAVEMENT.
8. WHERE UNDER EXISTING PAVEMENT TO REMAIN, DUCT SHALL BE BORED.

DSNR: WAN OPER: WAN SCALE: 1" = 40'
 E:/2006/06655/59-Notes.dgn LAST REV: 10-20-2007 BY: WAN

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| | Revision | By | Date |
| CENTRAL AVENUE | | | |
| ELECTRICAL DETAILS | | | |
| JAMES L. ARMOUR, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84639 | | | |
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| Designed by | SMS | Job No. | 06655 |
| Drawn by | WAN | Date | Jan. 2008 |
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