

ROADWAY LIGHTING SHEET INDEX

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ABBREVIATIONS

- A AMPS
- DIA DIAMETER
- C CONDUIT
- GND GROUND
- FT FEET
- HPS HIGH PRESSURE SODIUM
- IDOT ILLINOIS DEPARTMENT OF TRANSPORTATION
- LT LEFT
- MC MEDIUM CUTOFF
- P PUSHED
- PC PHOTOCELL CONTROL
- PH PHASE
- PVC POLYVINYL CHLORIDE
- RGS RIGID GALVANIZED STEEL
- RT RIGHT
- STA STATION
- UNO UNLESS NOTED OTHERWISE
- V VOLTS
- W WATTS

GENERAL NOTES - ROADWAY LIGHTING

1. SPlicing OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK BEGINS AT THE INTERSECTION OF IL 56 AND IL 59. THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION AT (847) 221-3079.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.).
5. ALL WORK SHALL CONFORM TO THE LATEST IDOT AND IDOT DISTRICT 1 STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
6. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
7. ALL CONDUITS SHALL BE SEALED.
8. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
9. ALL LAMPS SHALL BE FURNISHED AS PART OF THE CONTRACT.
10. CIRCUITS SHALL BE TESTED PER SPECIFICATION.
11. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
12. ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.
13. THE EXISTING LIGHTING SYSTEM VOLTAGE AT IL 56 AND IL 59 IS 240/480V, 1-PHASE, 3-WIRE. LUMINAIRE VOLTAGES ARE 240V.
14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTING INSTALLATIONS AND DATA PRIOR TO BIDDING.
15. TEMPORARY LIGHTING SHALL REMAIN IN SERVICE UNTIL THE PERMANENT LIGHTING SYSTEM IS IN OPERATION.
16. THE CONTRACTOR MUST MAINTAIN SAFE EQUIPMENT AND WORKING CLEARANCES FROM THE EXISTING COMED OVERHEAD ELECTRIC LINES. THE CONTRACTOR SHALL PLAN HIS WORK CONSIDERING COMED'S LINES TO BE IN SERVICE AND ENERGIZED THROUGHOUT THE CONSTRUCTION PERIOD.
17. THE CONTRACTOR SHALL REMOVE CABLES FROM ALL EXISTING UNIT DUCTS. EXISTING UNIT DUCTS SHALL BE ABANDONED IN PLACE.
18. THE COST OF SPlicing TEMPORARY CONDUCTORS TO EXISTING CONDUCTORS IN EXISTING POLES SHALL BE INCIDENTAL TO THE PAY ITEM FOR AERIAL CABLE.
19. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
20. ALL NEW UNIT DUCTS AND UNDERGROUND CONDUITS SHALL BE PLACED A MINIMUM OF 30" BENEATH THE GROUND SURFACE (FINAL GRADE).

ROADWAY LIGHTING LEGEND

DESCRIPTION	PROPOSED	EXISTING	REMOVAL	TEMPORARY
LIGHT UNIT SINGLE 15 FT DAVIT ARM 400W HPS, MCIII, 240V 47.5 FT MOUNTING HEIGHT, U.N.O. E - EXISTING UNIT TO REMAIN R - EXISTING UNIT TO BE REMOVED T - TEMPORARY UNIT				
LIGHT UNIT COMBINATION TRAFFIC SIGNAL, SINGLE 15 FT MAST ARM, 400W HPS, MCIII, 240V, 47.5 FT MOUNTING HEIGHT				
LIGHT UNIT COMBINATION TRAFFIC SIGNAL, DOUBLE 15 FT MAST ARMS, 400W HPS, MCIII, 240V, 45 FT MOUNTING HEIGHT				
LIGHTING CONTROLLER				
UNIT DUCT				
UNIT DUCT TO BE ABANDONED CONDUCTORS TO BE REMOVED				
RIGID GALVANIZED STEEL CONDUIT, PUSHED CONTAINING PULLED-IN UNIT DUCT				
AERIAL CABLE				
UTILITY SERVICE CONNECTION				
GROUND ROD, 5/8" X 10'				
ELECTRIC UTILITY POLE				

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