

LIGHTING SCHEDULE

| PAY ITEM | DESCRIPTION | UNIT | TOTAL QUANTITY |
|----------|---|-------|----------------|
| | ELECTRIC SERVICE INSTALLATION | EACH | 2 |
| | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 385 |
| | CONDUIT, PUSHED 2" DIA., PVC | FOOT | 585 |
| | CONDUIT, PUSHED 3" DIA., PVC | FOOT | 220 |
| | CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL | FOOT | 30 |
| | CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC | FOOT | 13260 |
| | JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6" | EACH | 4 |
| | JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 24" X 10" | EACH | 11 |
| | UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE | FOOT | 376 |
| | UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE | FOOT | 5605 |
| | UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE | FOOT | 5770 |
| | UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE | FOOT | 600 |
| | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8 | FOOT | 8200 |
| | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6 | FOOT | 16364 |
| | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 | FOOT | 31208 |
| | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 9230 |
| | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT | EACH | 126 |
| | LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT | EACH | 21 |
| | UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR | EACH | 10 |
| | SIGN LIGHTING (HIGH PRESSURE SODIUM) | EACH | 18 |
| | LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP | EACH | 1 |
| | LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP | EACH | 1 |
| | LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM | EACH | 8 |
| | LIGHT POLE, ALUMINUM, 45 FT. M.H., 8 FT. DAVIT ARM - TWIN | EACH | 59 |
| | LIGHT POLE, WEATHERING STEEL, 45 FT. M.H., TENON MOUNT | EACH | 21 |
| | LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8' | EACH | 29 |
| | BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN | EACH | 116 |
| | REMOVAL OF LIGHTING UNIT, NO SALVAGE | EACH | 24 |
| | REMOVAL OF POLE FOUNDATION | EACH | 19 |
| | REMOVAL OF LIGHTING CONTROLLER | EACH | 2 |
| | REMOVAL OF ELECTRIC SERVICE INSTALLATION | EACH | 2 |
| | REMOVAL OF LIGHTING CONTROLLER FOUNDATION | EACH | 2 |
| | TEMPORARY LIGHTING SYSTEM | L SUM | 1 |
| | MODIFY EXISTING LIGHTING CONTROLLER | EACH | 1 |
| | LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL | EACH | 12 |
| | LIGHT POLE FOUNDATION, SPECIAL | EACH | 47 |
| | LUMINAIRE, SODIUM VAPOR, POST TOP MOUNT, DECORATIVE, 50 WATT | EACH | 10 |

GENERAL NOTES

- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- EXISTING LIGHT POLES AND FOUNDATIONS TO BE REMOVED, AND ALL ASSOCIATED HARDWARE AND APPURTENANCES, SHALL NOT BE SALVAGED BUT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK" PAY ITEM.
- PROPOSED LIGHT POLES ALONG THE RAMPS TO BE INSTALLED AT A 20 FEET SETBACK FROM THE EDGE OF TRAVELED PAVEMENT OR 4 FEET BEHIND THE GUARDRAIL UNLESS NOTED OTHERWISE ON THE PLANS. NO POLES SHALL BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE MAINTAINED AS NEEDED AND THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL RELOCATIONS AND ADJUSTMENTS TO EXISTING LIGHTING UNITS TO SERVE AS TEMPORARY LIGHTING DUE TO STAGING OR CONSTRUCTION SHALL BE MADE AT NO ADDITIONAL COST. ADDITIONAL AERIAL CABLE SPANS SHALL BE FURNISHED AND INSTALLED AS DIRECTED BY THE ENGINEER, AND THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
- BREAKAWAY DEVICES SHALL NOT BE INSTALLED FOR POLES LOCATED BEHIND THE GUARDRAIL OR MOUNTED ON BRIDGE PARAPET WALLS.
- CONTRACTOR SHALL MODIFY THE EXISTING LIGHTING CONTROLLER AT FAYETTE AVE. AND REFEED CIRCUITS AS SHOWN IN THE PLANS. REARRANGE CIRCUIT BREAKERS AND USE SPARE BREAKERS AS NEEDED. THIS WORK SHALL BE PAID FOR AS "MODIFY EXISTING LIGHTING CONTROLLER" PAY ITEM.
- CONTRACTOR SHALL RECONFIGURE EXISTING LIGHTING CIRCUITS AT KELLER DR. AND ADD ADDITIONAL LOAD AS SHOWN IN THE PLANS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF RESPECTIVE UNIT DUCT. CONTRACTOR SHALL TAKE INSULATION RESISTANCE MEASUREMENTS OF ALL EXISTING CIRCUITS BEFORE ANY MODIFICATIONS ARE MADE AND PROVIDE THE WRITTEN RESULTS TO THE ENGINEER. EXISTING CIRCUITS IN THE FAYETTE AVE. AND KELLER DR. LIGHTING CONTROLLERS NOT TESTED AND PROPERLY DOCUMENTED SHALL BE SUBJECT TO THE INSULATION REQUIREMENTS OF ARTICLE 801.13(g). AFTER THE PROPOSED CIRCUIT MODIFICATION ARE MADE THE CONTRACTOR SHALL TAKE MEASUREMENTS AGAIN FOR THAT PORTION OF THE CIRCUIT WHICH IS NEW. ALL CIRCUITS OR PARTIAL CIRCUITS WHICH ARE NEW SHALL BE TESTED AND MEET ARTICLE 801.13 REQUIREMENTS FOR TESTING. ANY WORK NECESSARY TO BRING THE CIRCUITS INTO COMPLIANCE SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL PAYMENT WILL BE ALLOWED.

LIGHTING INDEX

299 GENERAL NOTES, SCHEDULES AND INDEX OF SHEETS
 300-306 EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING STAGE 1
 307-312 EXISTING LIGHTING REMOVAL AND TEMPORARY LIGHTING STAGE 2
 313-319 PROPOSED LIGHTING
 320-332 LIGHTING DETAILS

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| FILE NAME = | USER NAME = paul | DESIGNED - VG | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES, SCHEDULES, AND INDEX OF SHEETS FAI ROUTE 57/70 | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| 57/70 | (25-3,4)R | EFFINGHAM | 1098 | | | 299 | | | | | |
| | | | | | | CONTRACT NO. 74299 | | | | | |
| SCALE: 1"=50' | SHEET NO. 1 OF 34 SHEETS | STA. 2005+92.13 TO STA. 2009+00.00 | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | | | | |