







GENERAL ELECTRICAL PLAN NOTES

1. THE CONTRACTOR SHALL SUBMIT FOR THE RESIDENT ENGINEER'S REVIEW WITHIN 30 DAYS AFTER CONTRACT EXECUTION, EIGHT COPIES OF APPROVED MANUFACTURER'S PRODUCT DATA AND DETAILED SHOP DRAWINGS TO THE RESIDENT ENGINEER.
2. THE QUANTITIES OF RACEWAY WHERE INDICATED IN THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
3. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
4. TRENCHES FOR LIGHTING CIRCUITS SHALL HAVE A MINIMUM DEPTH OF 30".
5. THE CONTRACTOR SHALL COORDINATE THE FOUNDATION HEIGHTS WITH THE FINISHED GRADE ELEVATION SO FOUNDATION DOES NOT PROTRUDE BEYOND SPECIFIED REQUIREMENTS.
6. AT THE COMPLETION OF THE PROJECT THE LIGHTING SYSTEMS SHALL BE OWNED AND MAINTAINED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
7. LIGHTING SYSTEM INSTALLATION SHALL CONFORM TO THE LATEST IDOT STANDARDS, NEC AND LOCAL CODES.
8. ALL ELECTRICAL EQUIPMENT AND PRODUCTS SHALL BE U/L LISTED AND LABELED.
9. THE CONTRACTOR SHALL SUBMIT FOUR (4) SETS OF FULL SIZED COMPLETE AND ACCURATE "RECORD DRAWINGS" TO THE ENGINEER FOR REVIEW AND COMMENT, AS SPECIFIED. THE "RECORD DRAWINGS" SHALL BE UPDATED ON A REGULAR BASIS AND DEPICT ALL ROADWAY LIGHTING MATERIAL INSTALLATIONS WITH ANY CHANGES INDICATED IN RED. "REPRODUCIBLE RECORD DRAWINGS" SHALL BE SUBMITTED AT LEAST 7 DAYS BEFORE SCHEDULING A FINAL INSPECTION.
10. PROVIDE 9-INCH HIGH TRANSFORMER BASE FOR EACH RELOCATED POLE.
11. EXISTING TAPERED ALUMINUM POLE IS 47-1/2 FOOT HIGH WITH 15-FOOT MAST ARM.
12. THE CONTRACTOR SHALL NOTIFY THE IDOT ELECTRICAL MAINTENANCE SECTION AT (708)-524-2145 TO LOCATE UNDERGROUND ELECTRIC CABLE AND TRANSFER THE MAINTENANCE TO ELECTRICAL CONTRACTOR.


SUMMARY OF QUANTITIES - ROADWAY LIGHTING

| PAY ITEM | DESCRIPTION | UNIT | QUANTITY |
|----------|---|--------|----------|
| 81002810 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA | FOOT | 70 |
| 81603081 | UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE | FOOT | 3,084 |
| 83600355 | LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6" | EACH | 7 |
| 83800105 | BREAKAWAY DEVICE TRANSFORMER BASE 11.5" BOLT CIRCLE | EACH | 7 |
| 84200500 | REMOVAL OF LIGHTING UNIT, SALVAGE | EACH | 7 |
| 84200804 | REMOVAL OF POLE FOUNDATION | EACH | 7 |
| 84400105 | RELOCATE EXISTING LIGHTING UNIT | EACH | 7 |
| 89502300 | REMOVE ELECTRICAL CABLE IN CONDUIT | FOOT | 300 |
| 89502380 | REMOVE EXISTING HANDHOLE | EACH | 1 |
| Z0033028 | MAINTENANCE OF LIGHTING SYSTEM | CAL MO | 3 |
| X8410102 | TEMPORARY LIGHTING SYSTEM | LSUM | 1 |

LEGEND

-  RELOCATED LIGHTING UNIT (PROPOSED LOCATION)
-  EXISTING LIGHTING UNIT
-  UNIT DUCT 3 1/C #2 WITH 1/C #4 GROUND IN 1 1/2" POLYETHYLENE
-  EXISTING UNIT DUCT
-  EXISTING LIGHTING CONTROLLER
-  GROUND ROD

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: JPA
 CLIENT: HRGreen.com
 DATE PLOTTED: 4/5/2012 5:03:38 PM
 FILE NAME: 017-lighting.dgn
 PLOT DRIVER: acadplot
 PEN TABLE: standard.ctb

| | | | |
|---|---------------------|---------------|-----------|
|  HRGreen.com Illinois Professional Design Firm #184-001322 | USER NAME = jpa1hut | DESIGNED - PK | REVISED - |
| | PLOT SCALE = N.T.S. | DRAWN - JPA | REVISED - |
| | DATE = 4/5/2012 | CHECKED - JRM | REVISED - |
| | | DATE - 4/5/12 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS
GENERAL NOTES, SCHEDULE OF QUANTITIES AND LEGEND

SCALE: N.T.S. SHEET NO. 1 OF 7 SHEETS STA. TO STA.

| | | | | |
|---------------------|----------------|---------------------------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 338 | 10-00084-00-CH | COOK | 63 | 35 |
| CONTRACT NO. | | | 63711 | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |