

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00017-00-PV		KANE	232	141

**GENERAL NOTES**

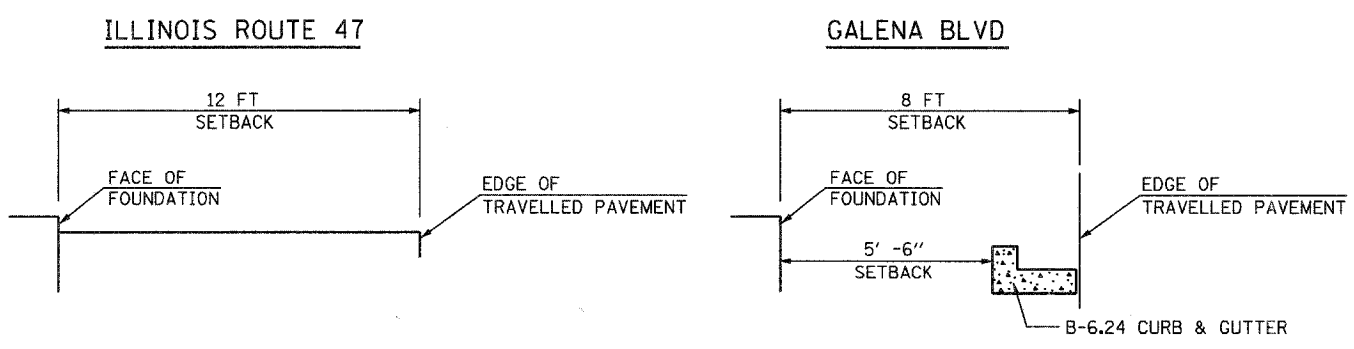
- THE EXISTING LIGHTING SYSTEM WITH CONTROLLER "KV" IS OWNED AND MAINTAINED BY THE BUREAU OF TRAFFIC OPERATIONS (TEL: 847-221-3079), DISTRICT #1, REGION #1, THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE EXISTING LIGHTING SYSTEM SHALL REMAIN OPERATIONAL THROUGHOUT THE PROJECT AT ALL TIMES BETWEEN DUSK TO DAWN OR AS DIRECTED BY THE ENGINEER.
- BEFORE PERFORMING ANY EXCAVATION, REMOVAL OR INSTALLATION WORK AT THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE FIELD ENGINEER MR. RAO VAITLA, STATE ELECTRICAL OPERATION FIELD OFFICE (TEL: 847-221-3079) AND REQUEST FOR PRECONSTRUCTION INSPECTION FOR THE STATE MAINTAINED LIGHTING/ELECTRICAL EQUIPMENT. THE REQUEST FOR THE PRECONSTRUCTION INSPECTION SHALL BE MADE NOT LESS THAN SEVEN (7) CALENDER DAYS PRIOR TO THE DESIRED INSPECTION DATE.
- THE CONTRACTOR SHALL CONDUCT WITH THE STATE ELECTRIC MAINTENANCE CONTRACTOR AN INVENTORY OF THE EXISTING LIGHTING/ELECTRICAL EQUIPMENT, WHICH WILL BE AFFECTED BY THE IMPROVEMENT. THIS INVENTORY RECORD SHALL BE IN WRITING AND SIGNED BY ALL PARTIES. THE CONTRACTOR SHALL SUBMIT A COPY OF THE INVENTORY TO MR. STEPHEN TRAVIA/MR. MARTIN E. ANDERSON, BUREAU OF TRAFFIC OPERATIONS, DISTRICT #1, ILLINOIS DEPARTMENT OF TRANSPORTATION, 201 WEST CENTER COURT, SCHAUMBURG, ILLINOIS 60196.
- AT THE CONTRACTOR'S REQUEST, THE STATE ELECTRIC MAINTENANCE CONTRACTOR SHALL MARK AND/OR STAKE (ONLY ONCE PER LOCATION), WITHIN PROJECT LIMITS, ALL UNDERGROUND CABLE ROUTES OWNED AND MAINTAINED BY THE STATE, SEVEN (7) DAYS ADVANCE NOTICE IS REQUIRED BY THE STATE ELECTRIC MAINTENANCE CONTRACTOR.
- THE PROPOSED LIGHTING IMPROVEMENT SHALL BE COORDINATED WITH THE ENGINEER. THE CONTRACTOR SHALL GIVE IN WRITING TO THE ENGINEER FOR REVIEW AND APPROVAL, A CONSTRUCTION STAGING PLAN FOR THE PROPOSED LIGHTING IMPROVEMENT. THE CONTRACTOR SHALL MAINTAIN THE EXISTING LIGHTING SYSTEM AS DESCRIBED IN PAY ITEM " MAINTANANCE OF LIGHTING SYSTEM"
- BELOW GROUND SPLICING OF THE UNIT DUCT AND CIRCUIT CABLES WILL NOT BE PERMITTED.
- WHERE SEPARATE CIRCUIT RUNS ARE TO BE INSTALLED PARALLEL WITH EACH OTHER, ONE COMMON TRENCH SHALL BE USED AND SHALL BE MEASURED ONLY ONCE FOR PAYMENT, AS TRENCH AND BACKFILL FOR ELECTRICAL WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF HIGHWAY LIGHTING SYSTEM PER ARTICLE 801.09 OF THE STANDARD SPECIFICATIONS FOR THE ENGINEER'S INSPECTION AND APPROVAL. THE EXACT LOCATIONS OF ALL OTHER ROADWAY LIGHTING ITEMS, INCLUDING THE THE LIGHTING CONTROLLER(S), SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE RESPONSIBILITY FOR COORDINATING FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL BE WITH THE CONTRACTOR.

**GENERAL NOTES**

- THE SUBMITTALS OF ELECTRICAL CATALOGS AND SHOP DRAWINGS SHALL BE PER IDOT STANDARD SPECIFICATIONS.
- ALL ELECTRIC CABLE CIRCUIT SHALL BE FULLY PIGMENTED COLOR CODED AND TAGGED AS SHOWN ON THE DRAWINGS.  
RED/BLACK - CIRCUIT PHASE WIRES  
WHITE-NEUTRAL  
GREEN-GROUND
- IN ACCORDANCE WITH ARTICLE 801.16 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT FOUR (4) FULL SIZE COPIES OF NEATLY DRAWN RECORD DRAWINGS FOR THE ENGINEER'S REVIEW AND COMMENT. THE RECORD DRAWINGS SHALL BE UPDATED REGULARLY AND DEPICT, IN RED, ANY ADDITIONS OR ALTERATIONS TO THE ELECTRICAL INSTALLATION DURING CONSTRUCTION. THE RECORD DRAWINGS SHALL BE SUBMITTED AT LEAST SEVEN (7) DAYS FOR SCHEDULING A FINAL INSPECTION
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT (1-800-892-0123) TO LOCATE AND MARK/STAKE ALL UNDERGROUND UTILITIES.
- RESTORATION OF PARKWAY AND PROJECT SITE SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS, AND THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL LATEST ISSUED IDOT, IES, NEC AND LOCAL CODES AND ORDINANCES.
- IN ACCORDANCE WITH THE SPECIAL PROVISIONS, THE PROPOSED TRENCH SHALL BE (30 INCH) BELOW FINISHED GRADE.
- LIGHTING SYSTEM MATERIALS AND EQUIPMENT SHALL BEAR THE U.L. LISTED OR LABEL WHENEVER SUCH LABELING IS AVAILABLE.
- POLE FUSES AND ASSOCIATED HARDWARE/MATERIAL AND INSTALLATION SHALL BE INCLUDED IN THE LUMINAIRE PAY ITEM
- THE ENGINEER WILL NOT AUTHORIZE PARTIAL ACCEPTANCE OF THE PROJECT. FINAL INSPECTION AND ACCEPTANCE OF THE PROJECT WILL ONLY BE PERMITTED PER ARTICLE 801.15 OF THE STANDARD SPECIFICATIONS.
- ALL WORK SHALL BE COORDINATED WITH THE CONCURRENT RECONSTRUCTION PROJECT ACCORDING TO THE SPECIAL PROVISIONS.

**LEGEND**

- A — AERIAL CABLE, 3- 1/C NO. 4 WITH MESSENGER WIRE
- ⊙ UTILITY SERVICE POLE, TRANSFORMER MOUNTED ON POLE
- ⊙-E EXISTING LIGHTING UNIT REMAIN IN PLACE
- ⊙-R EXISTING LIGHTING UNIT TO BE REMOVED
- ⊙-R-1 EXISTING LIGHTING CONTROLLER TO BE REMOVED
- ⊗-REM EXISTING WOOD POLE TO BE REMOVED
- ⊗-T PROPOSED TEMPORARY WOOD POLE
- TEMPORARY WOOD POLE (TRAFFIC) WITH TWIN 15 FT MAST ARM
- ⊙-30 310 W HPS LUMINAIRE WITH PHOTO CELL
- ⊙-40 400 W HPS LUMINAIRE WITH PHOTO CELL
- ⊙-8 FT PROPOSED LIGHT POLE, ALUMINUM 47.5 FT MOUNTING HEIGHT, 8 FT MAST ARM 15" DIA BOLT CIRCLE. LUMINAIRE 400 WATT HPS M.C. III 240 VOLT (LINE TO NEUTRAL) BALLAST CWA TYPE POLE MOUNTED ON BREAKAWAY TRANSFORMER BASE
- ⊙-12 FT PROPOSED LIGHT POLE, ALUMINUM 47.5 FT MOUNTING HEIGHT, 12 FT MAST ARM 15" DIA BOLT CIRCLE. LUMINAIRE 400 WATT HPS M.C. III 240 VOLT (LINE TO NEUTRAL) BALLAST CWA TYPE POLE MOUNTED ON BREAKAWAY TRANSFORMER BASE
- PROPOSED UNIT DUCT 3-1/C NO. 6 & 1/C NO. 6 GROUND, 600 V (EPR-TYPE RHW) 1/4" DIA. POLYETHYLENE
- ⊕ GROUND ROD, 5/8" DIA. x 10 FT
- ⊙-C COMBINATION POLE, ALUMINUM 40 FT MOUNTING HEIGHT, 15 FT MAST ARM LUMINAIRE 310 WATT HPS M.C. III 240 VOLT (LINE TO NEUTRAL) BALLAST CWA TYPE
- PROPOSED SERVICE CABLE IN CONDUIT 3-1/C NO. 3/0, 600 V (EPR-TYPE USE-2) 3" DIA. CONDUIT
- T/P CONDUIT IN TRENCH (T) OR PUSHED (P) GALVANIZED STEEL D x L x RGC
- RIGID GALVANIZED STEEL CONDUIT
- LENGTH
- DIAMETER
- STA X+XX STATION FOR POLE LOCATION
- KV - A3 (R)
- PHASE WIRE COLOR
- POLE NUMBER IN CIRCUIT
- CIRCUIT BREAKER IDENTIFICATION
- LIGHTING CONTROLLER DESIGNATIONS



**PROPOSED LIGHT POLE SETBACK**



**Sunjoy Inc. Area Lighting**  
 212 TIMBERCREST DRIVE  
 SCHAUMBURG, ILLINOIS  
 60193-1572

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 VILLAGE OF SUGAR GROVE, KANE COUNTY  
 INTERSECTION: GALENA BOULEVARD WITH ILLINOIS ROUTE 47  
**GENERAL NOTES AND LEGEND**  
 SCALE: NONE  
 DATE: 4-20-08  
 DRAWN BY: HKO  
 CHECKED BY: JS

REVISED 06-06-08  
 REVISED 05-21-08