

**GENERAL NOTES**

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: \*THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION\* (REFERRED TO AS THE \*STANDARD SPECIFICATIONS\*), THE \*SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS\*, THE \*MANUAL OF TEST PROCEDURES FOR MATERIALS\*. THE STREET LIGHTING IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING (ANSI/IES RP8 LATEST EDITION) AND THE NATIONAL ELECTRICAL CODE (NEC, NFPA, 70, LATEST EDITION).
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND IDOT DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR CITY.
4. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
5. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS AS APPROVED BY THE CITY OF GLENWOOD DIRECTOR OF PUBLIC WORKS OR DESIGNATED PROJECT MANAGER. UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
6. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO.
7. THE CONTRACTOR SHALL PROVIDE WARRANTIES OR GUARANTEES PROVIDING FOR SATISFACTORY IN-SERVICE OPERATION OF THE ELECTRICAL EQUIPMENT AND RELATED COMPONENTS OPERATION OF THE ELECTRICAL EQUIPMENT AND RELATED COMPONENTS AS PER I.D.O.T. STANDARDS.
8. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
9. ALL LIGHT POLE FOUNDATIONS WILL BE HELIX TYPE, UNLESS NOTED OTHERWISE ON PLANS. SEE DETAIL BE-305.
10. ALL CONDUITS UNDER ROADWAYS AND DRIVEWAYS SHALL BE PUSHED. CONDUIT LENGTHS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL DISTANCE REQUIREMENTS IN THE FIELD.
11. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRING ACCORDINGLY.
12. THE CITY AND ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCING EACH CONSTRUCTION PHASE.
13. THE CONTRACTOR WILL BE REIMBURSED BY THIS CONTRACT TO THE EXACT AMOUNT OF MONEY AS BILLED BY COM-ED FOR THEIR SERVICES. AND NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ANY INCIDENTAL MATERIALS AND LABOR REQUIRED TO FULFILL THE REQUIREMENTS AS SHOWN ON THE PLANS AND SPECIFIED HEREIN. SEE SECTION 109.05 \*STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION\*.
14. ALL ELECTRICAL DEVICES AND MATERIALS SHALL BE U/L LISTED WHERE APPLICABLE.
15. CONTRACTOR IS RESPONSIBLE FOR DECOMMISSIONING EXISTING ISOLATED INTERSECTION LIGHTING PER DIRECTIONS OF THESE PLANS AND SHALL BE REMOVED IN A PROFESSIONAL WORKMANSHIP LIKE MANNER.
16. CONTACT JULIE AT 1-800-892-0123 FOR UTILITY LOCATES PRIOR TO BEGINNING AND EXCAVATION WORK. WORK PROACTIVELY WITH UTILITY COMPANIES FOR THE PURPOSE OF DAMAGE PREVENTION.
17. ALL POLES AND MAST ARMS WILL BE SUPPLIED FROM IDOT STATE STOCK UNLESS NOTED OTHERWISE.
18. ALL POLES SHALL BE POSITIONED 20 FT. OFFSET FROM EDGE OF THE TRAVELED PAVEMENT UNLESS NOTED OTHERWISE.

**LEGEND**

| PROPOSED | EXISTING |   |
|----------|----------|---|
|          |          | UNIT DUCT. 600V, 3-1/C NO.2, 1/C NO.4 GROUND (EPR-TYPE RHW), 1-1/2" DIA, POLYETHYLENE UNLESS OTHERWISE NOTED IN DRAWINGS.                                       |
|          |          | 3" RGS PUSHED CONDUIT UNLESS NOTED OTHERWISE.   |
|          |          | EXPOSED CONDUIT. SIZE AS INDICATED.   |
|          |          | LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX CONSOLE TYPE WITH SCADA.   |
|          |          | UTILITY SERVICE CONNECTION. POLE MOUNTED TRANSFORMER 240/480 VOLT, SINGLE PHASE, 3 WIRE.  |
|          |          | ALUMINUM LIGHT POLE. 47.5' MOUNTING HEIGHT WITH 15' MAST ARM AND 310 W H.P.S M-C-III 240 VOLTS LUMINAIRE AND HELIX FOUNDATION. SEE IDOT STANDARD DETAIL BE-400. |
|          |          | EXISTING LIGHT POLE TO BE REMOVED.  |
|          |          | GROUND ROD, 5/8" DIA. x 10 FT.  |
|          |          | ELECTRICAL HANDHOLE.  |
|          |          | HIGH MAST LIGHTING.<br>↑ =LUMINAIRE HEAD.   |
|          |          | UTILITY POLE.   |
|          |          | CIRCUIT NUMBER AND STATION REFERENCE:<br>B=CONTROLLER DESIGNATION, xx=CIRCUIT NUMBER<br>STA=STATION NUMBER.   |
|          |          | UTILITY AERIAL LINES.   |
|          |          | RIGHT OF WAY LINE.  |
|          |          | BUCK-BOOST TRANSFORMER  |
|          |          | ELECTRICAL JUNCTION BOX   |

|   |                      |                 |           |
|---|----------------------|-----------------|-----------|
| FILE NAME =   | USER NAME = default  | DESIGNED - HS   | REVISED - |
| P:\2009\C9X9360\CADD\Sheets\Lighting\Proposed_Sheet 01_Legend General Notes.dgn |                      | DRAWN - MJO/HS  | REVISED - |
|   | PLOT SCALE = #SCALE# | CHECKED - CDS   | REVISED - |
|   | PLOT DATE = 3/5/2009 | DATE - 3/5/2009 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN  
GENERAL NOTES, LEGEND**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

|                     |            |   |              |           |
|---------------------|------------|---|--------------|-----------|
| <b>JACOBS</b>       |            | ONE NORTH FRANKLIN<br>CHICAGO IL, 60606<br>312-251-3000 |              |           |
| F.A.P. RTE.         | SECTION    | COUNTY  | TOTAL SHEETS | SHEET NO. |
| 332                 | 2008-081 L | COOK  | 18           | 3         |
| FED. ROAD DIST. NO. |            | ILLINOIS FED. AID PROJECT                               |              |           |
|                     |            | CONTRACT NO. 60F83                                      |              |           |