ELECTRICAL GENERAL NOTES

- 1. THE CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY COMPANY TO COORDINATE THE ELECTRICAL SERVICE WORK.
- 2. TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE LIGHT POLES. THE LIGHT POLES SHALL NOT BE ERECTED AND/OR LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE LIGHT POLES WILL NOT BE PAID FOR UNTIL THE POLES ARE FULLY APPROVED AND THE LUMINAIRES ARE INSTALLED.
- 3. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE A SOLID, SOFT DRAWN VC NO.2 BARE COPPER CONDUCTOR INSTALLED ACCORDING TO THE NEC REQUIREMENTS FOR BONDING OF COPPER GROUND RODS, DISCONNECT SWITCHES, TRAFFIC SIGNAL CONTROLLER, LUMINAIRESM AND BARE MESSENGER CABLE.
- 4. SPECIAL CARE SHAL BE TAKED DURING AUGER OPERATIONS IN EARTH TO NOT DAMAGE EXISTING FIBER OPTIC CABLES AND ANY UTILITIES AND/OR TREES ALONG US ROUTE 30 WITHIN THE PROJECT LIMITS.
- 5. ALL TEMPORARY LIGHTING UNITS SHALL BE INSTALLED ON WOOD POLES.
- 6. UNLESS OTHERWISE INDICATED THE PROPOSED TEMPORARY LIGHT POLES SHALL BE SET BACK FROM CENTERLINE OF STREET 25 FEET.
- 7. TEMPORARY WOOD POLES SHALL BE ERECTED TO MAINTAIN PROPOSED LUMINAIRE HEIGHT ABOVE ROADWAY PER PLANS.
- 8. A GROUND ROD SHALL BE INSTALLED AS SHOWN ON THE TEMPORARY LIGHTING PLANS.

LIGHTING INDEX OF SHEETS

| <u>SHEET NO.</u> 9 10 11 | DESCREPTION TEMPORARY LIGHTING TEMPORARY LIGHTING TEMPORARY LIGHTING | PLAN - DETAILS | NOTES, | INDEX | AND | SYMBOLS |
|-----------------------------------|--|-------------------|--------|-------|-----|---------|
| 12 | TEMPORARY LIGHTING | - DETAILS | | | | |

| ELECTRICAL SYMBOLS FOR PROPOSED WORK | | | | | | |
|--|--|--|--|--|--|--|
| SYMBOL | DESCRIPTION | | | | | |
| XA1 STA. 230+10 60' M.H. 20' M.A. 400W | TEMPORARY LIGHTING UNIT: POLE MOUNTED, SINGLE ARM AND LUMINAIRE. POLE SHALL BE 60' HEIGHT UNLESS NOTED OTHERSWISE. — CIRCUIT NUMBER — STATION NUMBER AS INDICATED (TYP.) — MOUNTING HEIGHT — MAST ARM LENGTH — LUMINAIRE WATTAGE | | | | | |
| _A/C_ | AERIAL ELECTRIC CABLE, 3-I/C #4 WITH MESSENGER WIRE | | | | | |
| 1 | GROUND ROD | | | | | |
| \otimes | TEMPORARY WOOD POLE | | | | | |
| (-0 | POLE GUYING | | | | | |
| —— Д | COMED AERIAL POWER LINE | | | | | |
| | EXISTING COMED UNDERGROUND POWER LINE | | | | | |
| | | | | | | |



| | DESIGNED | - | MJY | | | |
|---|----------|----|------------|---------|---|--|
| | DRAWN | - | ST | REVISED | - | |
| CONSULTING ENGINEERS 1560 WALL ST. SUITE 222 | CHECKED | v- | MJY | REVISED | w | |
| NAPERVILLE, ILLINOIS 60563 PH; (630) 577-9100 | DATE | - | 01/16/2009 | REVISED | | |
| | - | | | | | |

| STATE | OF | : ILLINOIS |
|------------|----|----------------|
| DEPARTMENT | 0F | TRANSPORTATION |

| TEMPORAR | Y LIGHTING - | - GENERAL N | OTES, INDEX AND SYMBOLS | F.A.P. RTE. | |
|-------------|---------------|-------------|----------------------------|----------------|---------|
| | | US ROUTE | 30 | 349 | |
| | , | 00 110012 | | | D-9 |
| SCALE: NONE | SHEET NO. 9 O | F 20 SHEETS | STA. 267+35 TO STA. 267+83 | FED. ROA | AD DIST |

| F.A.P. SECTION | | | COUNTY | TOTAL SHEETS | SHEET NO. | | | | |
|----------------|------|-------|--------|-----------------|--------------|-----|----------|-------|------|
| 349 15 T-1 | | | | | WILL | 20 | 9 | | |
| D-91-215-09 | | | | | | | CONTRACT | NO. 6 | OF69 |
| FED. | ROAD | DIST. | NO. | ILLINOIS | FED. | AID | PROJECT | | |