

ABBREVIATIONS

| SYMBOL   | DESCRIPTION  |
|----------|--|
| AC       | ALTERNATING CURRENT  |
| A/C      | AERIAL CABLE   |
| AFG      | ABOVE FINISHED GRADE   |
| CB       | CIRCUIT BREAKER  |
| CKT      | CIRCUIT  |
| CM       | CENTIMETER   |
| CT       | CURRENT TRANSFORMER  |
| CP       | CONTROL PANEL  |
| DA       | DAVIT ARM  |
| DC       | DIRECT CURRENT   |
| DIA      | DIAMETER   |
| DP       | DISTRIBUTION PANEL   |
| E        | EXISTING UNIT TO REMAIN  |
| ECA      | ELECTRIC CABLE ASSEMBLY  |
| EM       | EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM) |
| ER       | EXISTING RELOCATED UNIT  |
| ET       | EXISTING TEMPORARY UNIT TO REMAIN                                      |
| ETR      | EXISTING TEMPORARY RELOCATED UNIT                                      |
| F.O.C    | FACE OF THE CURB   |
| FU       | FUSE   |
| GND      | GROUND   |
| HID      | HIGH INTENSITY DISCHARGE   |
| JB       | JUNCTION BOX   |
| KVA      | KILOVOLT-AMPERE  |
| KW       | KILOWATTS  |
| M        | METER  |
| MA       | MAST ARM   |
| MM       | MILLIMETER   |
| MTG HT   | MOUNTING HEIGHT  |
| NO. #    | NUMBER   |
| P        | PROPOSED   |
| PB       | PUSH BUTTON  |
| PNL      | PANEL  |
| PVCC RCG | PVC COATED RIGID GALVANIZED CONDUIT                                    |
| PT       | POTENTIAL TRANSFORMER  |
| R        | EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)                    |
| RR       | EXISTING UNIT TO BE REMOVED AND REINSTALLED                            |
| RECP     | RECEPTACLE   |
| RCG      | RIGID GALVANIZED CONDUIT   |
| SEL SW   | SELECTOR SWITCH  |
| SPARE    | SPARE  |
| SPACE    | SPACE  |
| SS       | STAINLESS STEEL  |
| STA      | STATION  |
| T        | TEMPORARY LIGHTING UNIT  |
| TMP      | TEMPORARY  |
| TR       | TEMPORARY UNIT TO BE REMOVED, SALVAGE EQUIPMENT AS SPECIFIED           |
| TRR      | TEMPORARY UNIT TO BE REMOVED AND RELOCATED                             |
| UD       | UNIT DUCT  |

GENERAL NOTES

- ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007 AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2010 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURE TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.
- THE CONTRACTOR SHALL PROTECT EXISTING OR NEW UTILITIES WHEN CONSIDERED NECESSARY BY METHODS APPROVED BY THE ENGINEER, AND HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
- ALL EXISTING AREAS THAT ARE DAMAGED AS PART OF THIS WORK INCLUDING BUT NOT LIMITED TO: FENCING, CURB AND GUTTER, SIDEWALKS AND WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS, SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- THE CONTRACTOR SHALL PREPARE A PRELIMINARY SCHEDULE WHEN THE CONTRACT COMMENCES WHICH ESTABLISHES THE DATE WHEN THE ELECTRICAL SERVICES WILL BE REQUIRED. THIS SCHEDULE SHALL BE FORWARDED IN WRITING TO AMEREN-IP. SUBSEQUENT UPDATING OF THE SCHEDULE SHALL BE FORWARDED TO AMEREN-IP AS CHANGES MAY OCCUR IN THE DATE OF SERVICE REQUIREMENT. TWENTY DAYS BEFORE THE ELECTRICAL SERVICES ARE REQUIRED THE CONTRACTOR SHALL NOTIFY AMEREN-IP BY PHONE AND CONFIRM THE REQUEST IN WRITING.

ELECTRICAL NOTES

- PRIOR TO THE INSTALLATION OF NEW CABLE DUCT, CONDUITS, JUNCTION BOXES, LIGHT STANDARD FOUNDATIONS AND APPURTENANCES THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING LIGHTING CONDUITS, CABLES AND UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL VERIFY ALL OF THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS WHICH WOULD AFFECT HIS WORK UNDER THIS CONTRACT AND THE OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEMS.
- ALL NEW CABLE DUCT, CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
- ELECTRICAL MATERIALS SHALL BE NEW AND OF THE TYPES AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS:  
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION  
INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS  
ILLUMINATING ENGINEERING SOCIETY  
AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS  
U.S. DEPARTMENT OF TRANSPORTATION  
UNDERWRITERS LABORATORIES  
AMERICAN NATIONAL STANDARDS INSTITUTE  
INSULATED CABLE ENGINEERS ASSOCIATION
- CONDUIT AND CABLE DUCT SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH UNDERDRAINS.
- WHERE MULTIPLE CABLE DUCTS OR CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH, TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH CABLE DUCT OR CONDUIT, BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
- ANY WORK REQUIRED BY THE CONTRACTOR TO INTERCEPT AND EXTEND EXISTING CIRCUITS TO EXISTING LIGHTING UNITS SHALL BE CONSIDERED INCIDENTAL TO THE 'UNIT DUCT' PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- ALL LIGHT POLES SHALL BE LOCATED ACCORDING TO THE STATION AND OFFSET AS INDICATED ON THE PLAN SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 18" DIA. LIGHT POLE FOUNDATION SHALL BE INSTALLED AS PER SHEET 101. EACH LIGHT POLE FOUNDATION SHALL HAVE A GROUND ROD INSTALLED AND SHALL BE CONCRETE.
- THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY DRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE/CITY. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- EQUIPMENT GROUNDING CONDUCTORS SHALL BE SPLICED AND BONDED TO EACH JUNCTION BOX, PULL BOX, AND ALL OTHER ITEMS OF EQUIPMENT. ALL ENCLOSURES SHALL BE EQUIPPED WITH GROUND LUGS FOR GROUND WIRE TERMINATION WITHOUT DEGRADATION OF THE ENCLOSURE RATING.
- THE CONTRACTOR SHALL COORDINATE ALL PROPOSED ELECTRICAL CONNECTIONS, LIGHTING UNITS, CONTROL EQUIPMENT AND /OR ANY OTHER WORK DEEMED NECESSARY BY THE ENGINEER TO ASSURE THAT ANY FUTURE OR CONCURRENT CONTRACT WORK PROCEEDS AS SCHEDULED AND WITHOUT DELAY. THIS COORDINATION SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS IN ENGLISH STANDARD TRADE SIZES WHERE APPLICABLE.



*Robert J. Stern*  
ROBERT J. STERN

EXPIRES: 11/30/11

DATE: 9/13/10

FOR SHEETS: 93-102

**TENG**

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|---|--------------------|---------------|-----------|---|--|---|---------|----------|--------------|-----------|--|
| FILE NAME = #FILE#  | USER NAME = #USER# | DESIGNED - JM | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIDEWALK AND LANDSCAPE LIGHTING PLANS</b> | F.A.S. RTE.                                   | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |  |
|   |                    | DRAWN - JB    | REVISED - |   |  | 1279  | GR,B    | LA SALLE | 190          | 93        |  |
|   |                    | CHECKED - RS  | REVISED - |   |  | CONTRACT NO. 66547                            |         |          |              |           |  |
|   |                    | DATE - 08/10  | REVISED - |   |  | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |         |          |              |           |  |
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