

## GENERAL NOTES - ROADWAY LIGHTING

1. SPlicing OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPICES BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK BEGINS. THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION AT (847) 221-3079.
4. ALL WORK SHALL CONFORM TO THE LATEST IDOT, IDOT DISTRICT 1 STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, AND THE NATIONAL ELECTRICAL SAFETY CODE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE NEW, UL LISTED AND LABELED.
6. ALL CONDUITS SHALL BE SEALED.
7. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
8. ALL LAMPS SHALL BE FURNISHED AS PART OF THE CONTRACT.
9. CIRCUITS SHALL BE TESTED PER SPECIFICATION.
10. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
11. ALL MEASUREMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY MEASUREMENTS IN THE FIELD.
12. THE EXISTING LIGHTING SYSTEM VOLTAGE IS 240/480 VOLT, 1-PHASE.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTING INSTALLATIONS AND DATA PRIOR TO BIDDING.
14. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.

### ABBREVIATIONS

A	AMPS
A.G.	ABOVE GRADE
DIA	DIAMETER
C	CONDUCTOR
CDOT	CHICAGO DEPARTMENT OF TRANSPORTATION
GND	GROUND
FT	FEET
HPS	HIGH PRESSURE SODIUM
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION
P	PUSHED
PH	PHASE
PVC	POLYVINYL CHLORIDE
RGSC	RIGID GALVANIZED STEEL CONDUIT
STA	STATION
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATTS
W	WIRES

### LIGHTING SHEET INDEX

- E-1 LEGEND, SYMBOLS, SCHEDULE OF QUANTITIES & GENERAL NOTES  
 E-2 UNDERPASS LIGHTING PLAN

### IDOT DISTRICT 1 LIGHTING DETAILS

- E-3 8D-902 SUSPENSION MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS

### BILL OF MATERIALS - LIGHTING

DESCRIPTION	UNIT	QUANTITY
CONDUIT ATTACHED TO STRUCTURE 1" DIA. PVC COATED GALVANIZED STEEL	FOOT	449
JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	8
JUNCTION BOX STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4
ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 10	FOOT	2,176
UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	4
UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	4
UNDERPASS LIGHTING REMOVAL	LS	1
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	9

### SYMBOL LIST

DESCRIPTION	PROPOSED	EXISTING TO REMAIN
UNDERPASS LUMINAIRE, 70 WATT HPS, TYPE III DISTRIBUTION	70	
UNDERPASS LUMINAIRE, 100 WATT HPS, TYPE IV DISTRIBUTION	100	
JUNCTION BOX	J	J
CONDUIT, ATTACHED TO STRUCTURE	—	
UNIT DUCT 1 1/2" DIA. POLYETHYLENE WITH 3-1/C #2 AND 1-1/C#4 GROUND		----
LIQUID TIGHT FLEXIBLE METAL CONDUIT	~	



### LOCATION OF WORK

E-1

FILE NAME = E-1.dgn PLOT DATE = 12/12/2011 PLOT SCALE = 20,000,000 / 1"	DESIGNED - L.A.B. DRAWN - CHECKED - Y.K./L.A.B. DATE - OCTOBER, 2011	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	LEGEND, SYMBOLS, SCHEDULE OF QUANTITIES & GENERAL NOTES SCALE: SHEET NO. OF SHEETS STA. TO STA.	F.A.L. RTE. 80	SECTION HIS-803HB-R	COUNTY COOK	TOTAL SHEETS 51 SHEET NO. 13	CONTRACT NO. 60P17 ILLINOIS FED. AID PROJECT
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DATE	BY	SURVEYED	PLOTTED	TEMPLATE	NO. AREAS CHECKED

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	NO. AREAS CHECKED