GENERAL NOTES - ROADWAY LIGHTING

- SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY.
 SPLICES 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.
- 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.
- 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 DIAGRAMMITICALLY. 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

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 WATTS W WIRES

LIGHTING SHEET INDEX

E-2

E-1 LEGEND, SYMBOLS, SCHEDULE OF QUANTITIES & GENERAL NOTES

UNDERPASS LIGHTING PLAN

IDOT DISTRICT 1 LIGHTING DETAILS

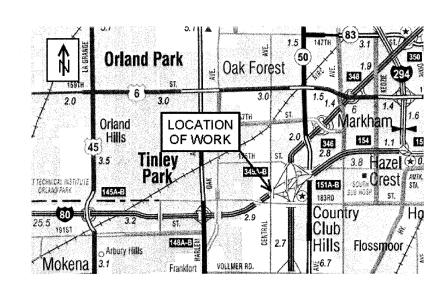
E-3 BD-902 SUSPENSION MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS

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

STINBOL 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	Ū	
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	2		



LOCATION OF WORK

E-I

FILE NAME =E-1.dgn PLOT DATE =12/12/2011 PLOT SCALE=20.000000 '/ 1n.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LEGEND, SYMBOLS,
SCHEDULE OF QUANTITIES & GENERAL NOTES

SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST.

SECTION COUNTY TOTAL SHEETS NO.

O MIS-803HB-R COOK 5/ 13

CONTRACT NO. 60P17