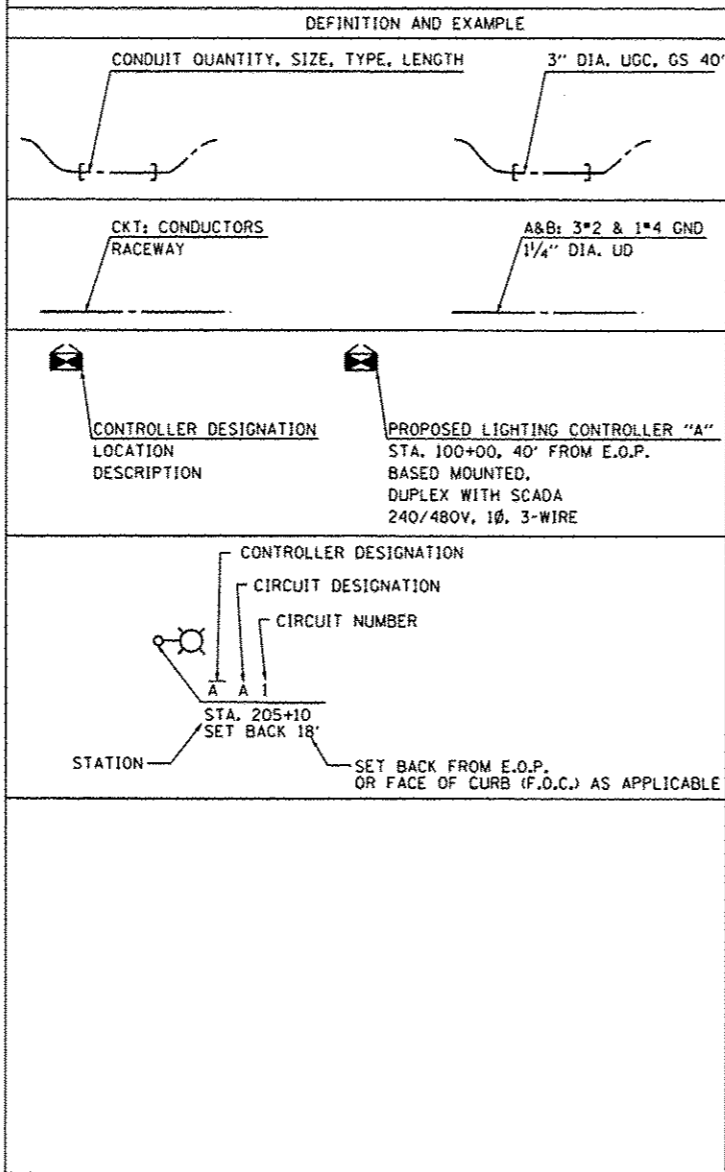


**LIGHTING AND ELECTRICAL LEGEND**

SYMBOL	DESCRIPTION
	EXISTING LIGHT UNIT TO BE REMOVED AND RELOCATED
	EXISTING LIGHTING UNIT TO REMAIN IN PLACE
	PROPOSED LIGHTING UNIT MOUNTED ON BREAKAWAY TRANSFORMER BASE, 47.5FT M.H., 310W HPS TYPE M-C-III COBRAHEAD LUMINAIRE MOUNTED ON 15FT MAST ARM U.N.O.
	COMBINATION TRAFFIC SIGNAL AND LUMINAIRE LIGHTING UNIT: 45 FT. M.H., 15 FT. MAST ARM, 310W HPS M-C-III LUMINAIRE
	LIGHTING UNIT, TO BE REINSTALLED AS NOTED
	TEMPORARY HIGH MAST LIGHTING UNIT, 90FT WOOD POLE, 15FT MAST ARM, 750W HPS TYPE III LUMINAIRE AT 80FT MOUNTING HEIGHT
	EXISTING LIGHT POLE TO REMAIN IN PLACE, EXISTING 310W HPS LUMINAIRE TO BE REPLACED BY TEMPORARY COBRAHEAD LUMINAIRE, 400W HPS TYPE M-C-III
	PROPOSED UNDERPASS LUMINAIRE, SUSPENDED MOUNT, 70W HPS TYPE M-C-III
	EXISTING LIGHTING CONTROLLER
	LIGHTING CONTROLLER, DUPLEX WITH SCADA, PROPOSED OR RELOCATED AS NOTED
	EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
	EXISTING ELECTRIC UTILITY POLE
	PROPOSED UTILITY SERVICE CONNECTION, PAD MOUNTED
	PROPOSED ELECTRIC UTILITY POLE
	EXISTING JUNCTION BOX
	PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
	ELECTRIC GROUND ROD
	CONDUIT TURNED UP
	CONDUIT TURNED DOWN
	TEMPORARY WOOD POLE, CLASS 3, 40FT
	EXISTING EMBEDDED CONDUIT, TO REMAIN
	EXISTING UNDERGROUND UNIT DUCT TO BE ABANDONED
	EXISTING UNDERGROUND UNIT DUCT TO REMAIN
	PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED CABLE OR UNIT DUCT IN EXPOSED OR EMBEDDED CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED AERIAL LIGHTING CABLE WITH MESSENGER WIRE, SIZE AND TYPE AS NOTED

**CALL-OUT SAMPLE**



**ABBREVIATIONS**

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
B.O.C.	BACK OF CURB
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
E.O.P.	EDGE OF TRAVEL PAVEMENT
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC	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
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T/F	TOP OF FOUNDATION
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UCC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE
XFMR	TRANSFORMER
HPS	HIGH PRESSURE SODIUM
LPS	LOW PRESSURE SODIUM
LTFM	LIQUID TIGHT FLEXIBLE METALLIC WITH MESSENGER WIRE
W/MW	

**GENERAL NOTES**

- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- THE MAINTENANCE OF LIGHTING SYSTEM PAY ITEM SHALL INCLUDE MAINTENANCE OF IDOT AND VILLAGE OF UNIVERSITY PARK LIGHTING SYSTEM WITHIN THE PROJECT LIMITS.
- THE AERIAL CABLE INSTALLATION FOR TEMPORARY LIGHTING SHALL COMPLY WITH NEC (NATIONAL ELECTRICAL CODE) ARTICLE 225.18, NESC AND COMED STANDARDS FOR MINIMUM VERTICAL AND HORIZONTAL CLEARANCES.

**INDEX OF DRAWINGS:**

DRAWING NO.	TITLE
E-1	LEGEND, ABBREVIATIONS, GENERAL NOTES, AND INDEX OF DRAWINGS
E-2	SCHEDULE OF QUANTITIES
E-3	EXISTING LIGHTING REMOVAL
E-4	EXISTING LIGHTING REMOVAL
E-5	EXISTING LIGHTING REMOVAL
E-6	EXISTING LIGHTING REMOVAL
E-7	EXISTING LIGHTING REMOVAL
E-7A	TEMPORARY LIGHTING PLANS - STAGE 1&2
E-7B	TEMPORARY LIGHTING PLANS - STAGE 1&2
E-7C	TEMPORARY LIGHTING PLANS - STAGE 1&2
E-7D	TEMPORARY LIGHTING PLANS - STAGE 1&2
E-7E	TEMPORARY LIGHTING PLANS - STAGE 1&2
E-8	PROPOSED LIGHTING PLANS (SHEET 1 OF 7)
E-9	PROPOSED LIGHTING PLANS (SHEET 2 OF 7)
E-10	PROPOSED LIGHTING PLANS (SHEET 3 OF 7)
E-11	PROPOSED LIGHTING PLANS (SHEET 4 OF 7)
E-12	PROPOSED LIGHTING PLANS (SHEET 5 OF 7)
E-13	PROPOSED LIGHTING PLANS (SHEET 6 OF 7)
E-14	PROPOSED LIGHTING PLANS (SHEET 7 OF 7)
E-15	UNDERPASS LIGHTING PLAN AND MISCELLANEOUS DETAILS
E-16	LIGHTING CONTROLLER "A" WIRING DIAGRAM
E-17	REMOVAL LIGHTING PLANS STUENKEL ROAD AT CENTRAL AVE.
E-18	PROPOSED LIGHTING PLANS STUENKEL ROAD AT CENTRAL AVE.
E-19	TEMPORARY LIGHTING PLANS STUENKEL ROAD AT CENTRAL AVE.

**IDOT-D1 STANDARDS:**

STANDARD NO.	TITLE
BE-205	LIGHTING CONTROLLER, RADIO CONTROL DUPLEX TYPE WITH SCADA
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT
BE-305	LIGHT POLE FOUNDATION, METAL
BE-400	LIGHT POLE, ALUMINUM, TRUSS TYPE, 47.5 FT. M.H.
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-800	TEMPORARY LIGHT POLE DETAILS
BE-801	TEMPORARY AERIAL CABLE INSTALLATION
BE-900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS

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USER NAME: kproje001	DESIGNED: RDP	REVISED: 6/18/2013
PLOT SCALE: 100.000000/1.000000	DRAWN: MG/WC	REVISED: 8/22/2013
PLOT DATE: 26-DEC-2013 15:00	CHECKED: KGP	REVISED: 10/18/2013
	DATE: 8/22/2013	REVISED: 12/04/2013

STATE OF ILLINOIS	SCALE: N.T.S.	SHEET NO. 1 OF 24 SHEETS	STA. ----- TO STA. -----
DEPARTMENT OF TRANSPORTATION	ILLINOIS FED. AID PROJECT		

<b>STUENKEL ROAD OVER I-57</b>			
<b>LEGEND, ABBREVIATIONS, GENERAL NOTES, AND INDEX OF DRAWINGS</b>			
F.A.I. RTE. 57	SECTION 99-1HB-R	COUNTY WILL	TOTAL SHEETS 679 SHEET NO. 324
CONTRACT NO. 60L69			

ADDENDUM 1 1/03/14	E-1
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