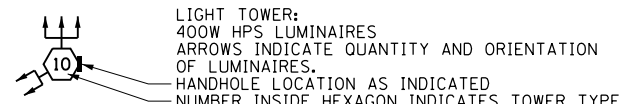
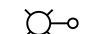


ELECTRICAL SYMBOLS FOR PROPOSED WORK

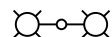


TYPE	TOWER HEIGHT
10	100 FEET
11	110 FEET
12	120 FEET

LIGHTING UNIT: TYPE AS INDICATED



47'-6" M.H., 15 FT. DAVIT ARM
400W HPS M-C-III LUMINAIRE.
BREAKAWAY TRANSFORMER BASE



47'-6" M.H., 2-15 FT. DAVIT ARM
2-400W HPS M-C-III LUMINAIRES.
BREAKAWAY TRANSFORMER BASE



TEMPORARY LUMINAIRE AND POLE



UNDERPASS LUMINAIRE:
70 WATT HPS (PRIMARY DISTRIBUTION PATTERN
DIRECTION AS INDICATED BY ARROW)



ELECTRIC HANDHOLE: TYPE AS INDICATED

TYPE E1: PRECAST CONCRETE, 21.5"x21.5"x30",
IDOT STANDARD 814001

TYPE E2: PRECAST CONCRETE-HEAVY DUTY,
22"x22"x30", IDOT STANDARD 814001

TYPE C1: COMMUNICATIONS VAULT, 49 5/8"x32 1/8"x57"

TYPE S1: PRECAST CONCRETE-HEAVY DUTY,
22"x22"x36"

TYPE S2: PRECAST CONCRETE-HEAVY DUTY SPECIAL,
30"x30"x36"



JUNCTION BOX: TYPE AND SIZE AS INDICATED
ON PLANS



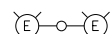
PULL BOX: TYPE AND SIZE AS INDICATED
ON PLANS



TELEPHONE CONNECTION



FIBER OPTIC COMMUNICATIONS HUT



EXISTING LIGHTING UNIT, TWIN LUMINAIRE



EXISTING LIGHTING UNIT



EXISTING TEMPORARY LIGHTING UNIT



EXISTING CDOT LIGHTING UNIT



EXISTING UNDERPASS LUMINAIRE



EXISTING ELECTRIC HANDHOLE



EXISTING JUNCTION BOX



EXISTING PULL BOX



EXISTING TELEPHONE CONNECTION



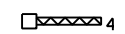
EXISTING FIBER OPTIC COMMUNICATIONS HUT



EXISTING ELECTRIC HANDHOLE/MANHOLE



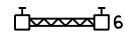
EXISTING CDOT SURVEILLANCE CABINET



LIGHTED SIGN STRUCTURE-CANTILEVER TYPE
(NUMBER OF FLUORESCENT FIXTURES AS
INDICATED - TYP.)



LIGHTED SIGN STRUCTURE-TRUSS TYPE



LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE



DYNAMIC MESSAGE SIGN



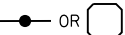
FLASHING BEACON SIGN



CLOSED CIRCUIT TELEVISION CAMERA



MICROWAVE DETECTOR



DETECTOR LOOP



CONTROLLER CABINET: LIGHTING, RADIO CONTROL
DUPLEX TYPE WITH SCADA (DOOR SIDE AS
INDICATED)



CONTROLLER CABINET: SURVEILLANCE



CONTROLLER CABINET: SURVEILLANCE, TYPE 334



RAMP METER SIGNAL POLE/HEAD



RAMP METER FLASHER POST



TEMPORARY WOOD POLE, 50 FOOT LENGTH
(10 FOOT BURIED, 40 FOOT INSTALLED HEIGHT)



HIGHWAY ADVISORY RADIO ANTENNA



ELECTRIC UTILITY POLE



CCTV CAMERA POLE



POLE MOUNTED ELECTRIC UTILITY TRANSFORMER(S)

ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS



EXISTING CDOT ELECTRIC HANDHOLE/MANHOLE



EXISTING LIGHTED SIGN STRUCTURE-
CANTILEVER TYPE



EXISTING LIGHTED SIGN STRUCTURE-TRUSS TYPE



EXISTING LIGHTED SIGN STRUCTURE-
BRIDGE MOUNT TYPE



EXISTING DYNAMIC MESSAGE SIGN



EXISTING FLASHING BEACON SIGN



EXISTING CLOSED CIRCUIT TELEVISION CAMERA



EXISTING MICROWAVE DETECTOR



EXISTING DETECTOR LOOP



EXISTING LIGHTING CONTROLLER, DUPLEX



EXISTING CONTROLLER CABINET

EXISTING RAMP METER SIGNAL POLE/HEAD



PAD MOUNTED ELECTRIC UTILITY TRANSFORMER



GROUND ROD



MAIN SERVICE FUSED DISCONNECT SWITCH
(RATING AS INDICATED)



PHOTOCELL



AERIAL CABLE



FLEXIBLE CONDUIT



RACEWAY EMBEDDED IN STRUCTURE



EXPOSED CONDUIT



RACEWAY OR DIRECT BURIAL CABLE
UNDERGROUND WITHOUT ENCASEMENT



RIGID GALVANIZED STEEL CONDUIT
SLEEVE, TRENCHED OR PUSHED



UNDERGROUND REINFORCED CONCRETE ENCASED
CONDUIT DUCTBANK, UNLESS NOTED OTHERWISE.
(NUMBER, TYPE, AND SIZE OF DUCTS AS SHOWN)

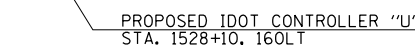
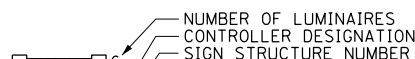
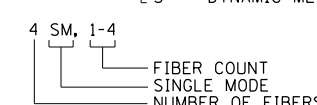
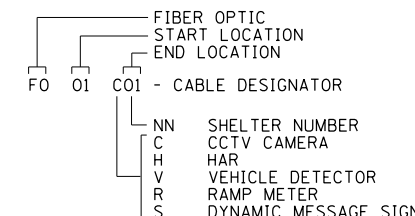
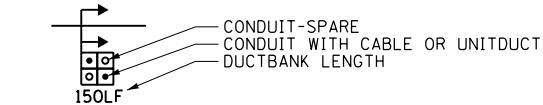
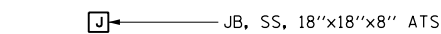
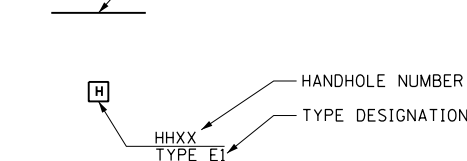
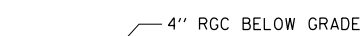
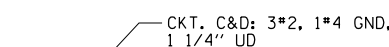
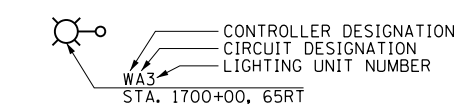
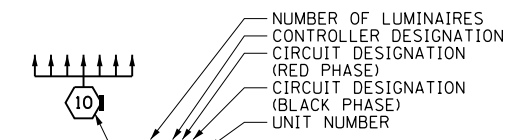


CONDUIT TURNED DOWN



CONDUIT TURNED UP

GENERAL ELECTRICAL CALLOUTS



TYPICAL EXISTING TO BE REMOVED SYMBOLS



EXISTING LIGHTING UNIT TO BE REMOVED



EXISTING UNDERPASS LUMINAIRE TO BE REMOVED



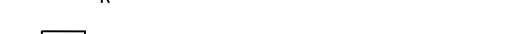
EXISTING JUNCTION BOX TO BE REMOVED



EXISTING LIGHTED SIGN STRUCTURE-
CANTILEVER TYPE TO BE REMOVED



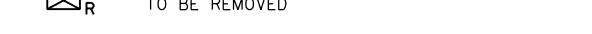
DYNAMIC MESSAGE SIGN TO BE REMOVED



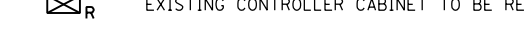
FLASHING BEACON SIGN TO BE REMOVED



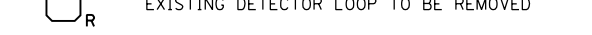
EXISTING LIGHTING CONTROLLER, DUPLEX
TO BE REMOVED



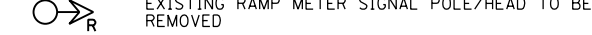
EXISTING CONTROLLER CABINET TO BE REMOVED



EXISTING DETECTOR LOOP TO BE REMOVED



EXISTING RAMP METER SIGNAL POLE/HEAD TO BE
REMOVED



EXISTING RAMP METER FLASHER TO BE REMOVED



EXISTING POLE MOUNTED UTILITY SERVICE CONNECTION
TO BE REMOVED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT ELECTRICAL SYMBOLS

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	122
CONTRACT NO. 60W25				
ILLINOIS FED. AID PROJECT				

E-01

AECOM
303 EAST WACKER DRIVE, SUITE 1400
CHICAGO, IL 60601-5276
PHONE: (312) 373-7700 FAX: (312) 373-6800

DI60W25-sht-Light-01	DESIGNED - WDS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 1:8000 / 1"	CHECKED - JPC	REVISED -
PLOT DATE = 5/9/2013	DATE - 5/14/2013	REVISED -

FILE PATH = p:\388035-p\m\l\escomon\me\local\p\AECOM\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\01E_Electrical\Sheets\60W25_Contract\DI60W25-sht-Light-01