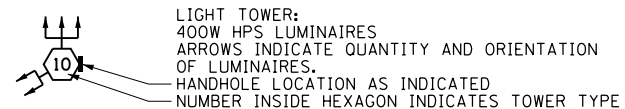


ELECTRICAL SYMBOLS FOR PROPOSED WORK

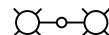


TYPE	TOWER HEIGHT
10	100 FEET
11	110 FEET
12	120 FEET

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:
HPS, WATTAGE AS SHOWN ON PLANS (PRIMARY
DISTRIBUTION PATTERN DIRECTION AS
INDICATED BY ARROW)



MANHOLE



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



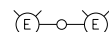
TELEPHONE CONNECTION



FIBER OPTIC COMMUNICATIONS HUT



EXISTING LIGHT TOWER



EXISTING LIGHTING UNIT, TWIN LUMINAIRE



EXISTING LIGHTING UNIT



EXISTING TEMPORARY LIGHTING UNIT



EXISTING CDOT LIGHTING UNIT



EXISTING UNDERPASS LUMINAIRE



EXISTING ELECTRIC MANHOLE



EXISTING ELECTRIC HANDHOLE



EXISTING JUNCTION BOX



EXISTING PULL BOX



EXISTING TELEPHONE CONNECTION



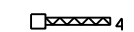
EXISTING FIBER OPTIC COMMUNICATIONS HUT



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



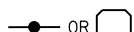
FLASHING BEACON SIGN



CLOSED CIRCUIT TELEVISION CAMERA



MICROWAVE DETECTOR



DETECTOR LOOP



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



CONTROLLER CABINET: SURVEILLANCE



CONTROLLER CABINET: SURVEILLANCE, TYPE 334



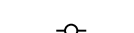
RAMP METER SIGNAL POLE/HEAD



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)

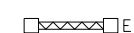
ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS



EXISTING CDOT ELECTRIC HANDHOLE/MANHOLE



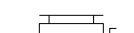
EXISTING LIGHTED SIGN STRUCTURE-
CANTILEVER TYPE



EXISTING LIGHTED SIGN STRUCTURE-TRUSS TYPE



EXISTING LIGHTED SIGN STRUCTURE-
BRIDGE MOUNT TYPE



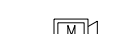
EXISTING DYNAMIC MESSAGE SIGN



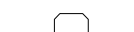
EXISTING FLASHING BEACON SIGN



EXISTING CLOSED CIRCUIT TELEVISION CAMERA



EXISTING MICROWAVE DETECTOR



EXISTING DETECTOR LOOP



EXISTING LIGHTING CONTROLLER, DUPLEX



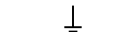
EXISTING CONTROLLER CABINET



EXISTING RAMP METER SIGNAL POLE/HEAD



PAD MOUNTED ELECTRIC UTILITY TRANSFORMER



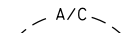
GROUND ROD



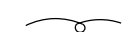
MAIN SERVICE FUSED DISCONNECT SWITCH
(RATING AS INDICATED)



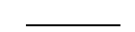
PHOTOCELL



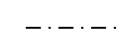
AERIAL CABLE



FLEXIBLE CONDUIT



RACEWAY EMBEDDED IN STRUCTURE



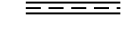
EXPOSED CONDUIT



RACEWAY OR DIRECT BURIAL CABLE
UNDERGROUND WITHOUT ENCASEMENT



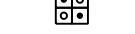
RIGID GALVANIZED STEEL CONDUIT
SLEEVE, INSTALLED BELOW PAVEMENT



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

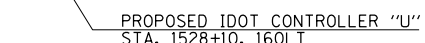
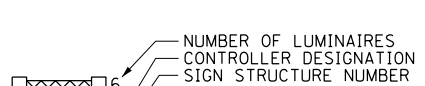
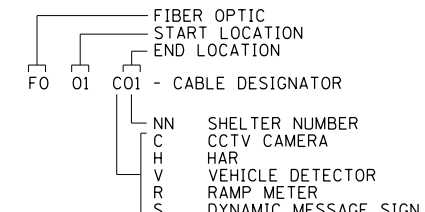
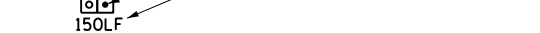
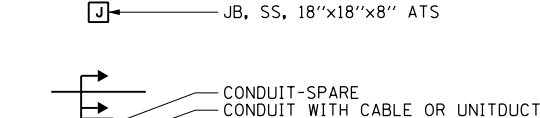
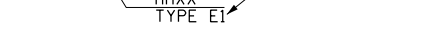
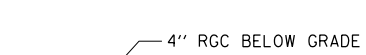
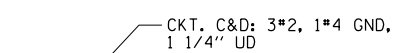
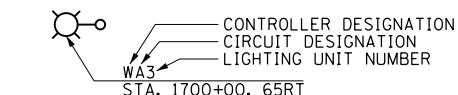
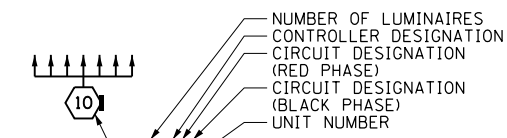


CONDUIT TURNED DOWN



CONDUIT TURNED UP

GENERAL ELECTRICAL CALLOUTS



TYPICAL EXISTING TO BE REMOVED SYMBOLS



EXISTING LIGHTING UNIT TO BE REMOVED



EXISTING UNDERPASS LUMINAIRE TO BE REMOVED



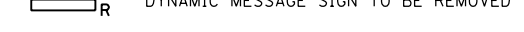
EXISTING JUNCTION BOX TO BE REMOVED



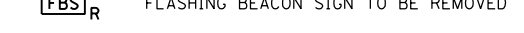
EXISTING LIGHTED SIGN STRUCTURE-
CANTILEVER TYPE TO BE REMOVED



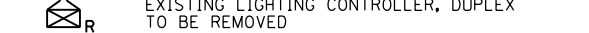
DYNAMIC MESSAGE SIGN TO BE REMOVED



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

FILE PATH = p:\388035\pmt\l\ecommon\me\local\p\ME\CD\00\Documents\01_Americas\Transportation\62629938_Circle\Phase_1\000_CD\01E_Electrical\Sheets\60W26_Contract\160W26-sht-Light-01



D160W26-sht-Light-01	DESIGNED - WDS	REVISED -
USER NAME = myersc	DRAWN - CAM	REVISED -
PLOT SCALE = 1:0000' / 1"	CHECKED - WDS	REVISED -
PLOT DATE = 8/15/2013	DATE - 8/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IDOT ELECTRICAL SYMBOLS

SCALE: N.T.S. SHEET 1 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-008R	COOK	559	224
CONTRACT NO. 60W26				
ILLINOIS FED. AID PROJECT				

E-01