

F.A.I. SHEETS NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	160	181
STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	
				62693

ELECTRICAL SYMBOLS FOR PROPOSED WORK

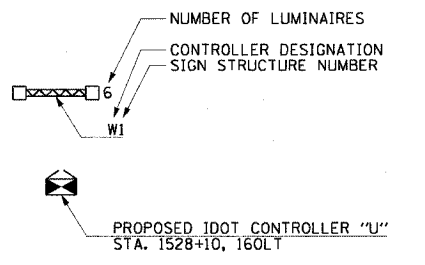
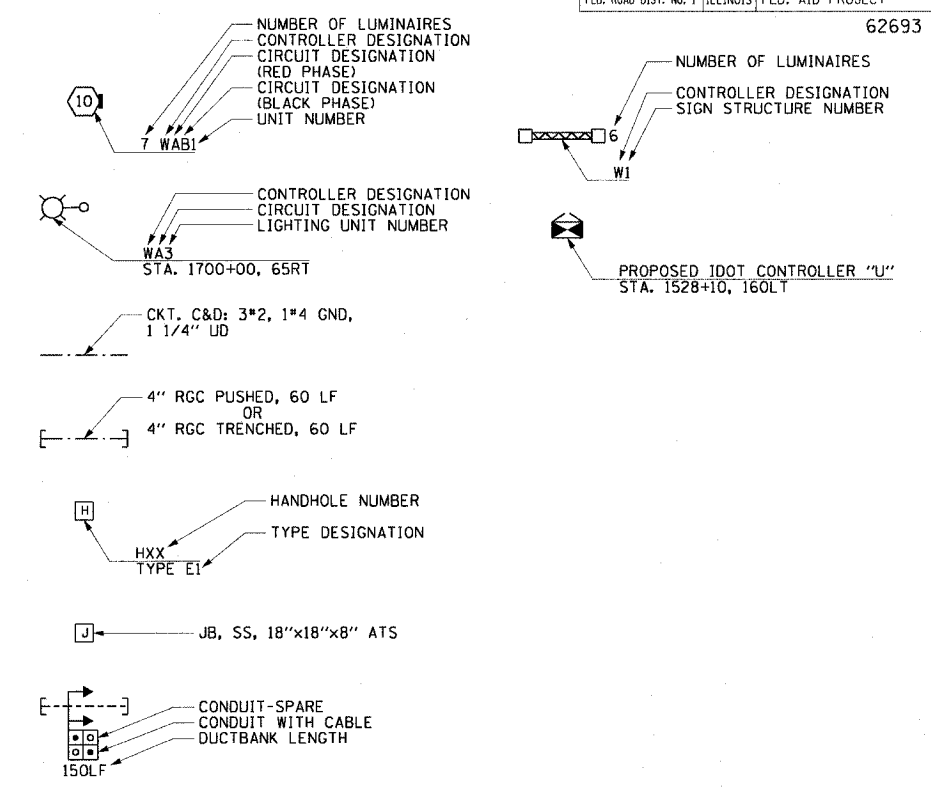
- LIGHT TOWER FOUNDATION NUMBER INSIDE HEXAGON INDICATES TOWER TYPE HANDHOLE LOCATION AS INDICATED TOWER INSTALLED BY OTHERS, UNDER A SEPARATE CONTRACT

TYPE	TOWER HEIGHT
10	100 FEET
11	110 FEET
12	120 FEET
- LIGHT POLE FOUNDATION POLE INSTALLED BY OTHERS UNDER A SEPARATE CONTRACT
- TEMPORARY LIGHTING UNIT INCLUDING 60 FOOT WOOD POLE (CLASS 4), 8'-0" MAST ARM WITH 400 WATT HPS LUMINAIRE
- ELECTRIC HANDHOLE; TYPE AS INDICATED
 TYPE E1: PC CONCRETE, 21.5"x21.5"x30" IDOT STANDARD 814001
 TYPE E2: PC CONCRETE-HEAVY DUTY, 22"x22"x30", IDOT STANDARD 814001
 TYPE C1: COMMUNICATIONS VAULT
 TYPE S1: PC CONCRETE-HEAVY DUTY, 22"x22"x36"
 TYPE S2: PC 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
- LIGHTED SIGN STRUCTURE-CANTILEVER TYPE (NUMBER OF FLUORESCENT FIXTURES AS INDICATED WITH ASSOCIATED DISCONNECT SWITCH - TYP.) (N.I.C.)
- LIGHTED SIGN STRUCTURE-TRUSS TYPE (N.I.C.)
- TEMPORARY LIGHTED SIGN STRUCTURE-TRUSS TYPE, QUANTITY OF LUMINAIRES AS SHOWN ON SIGNING PLANS
- LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE (N.I.C.)
- DYNAMIC MESSAGE SIGN (N.I.C.)
- FLASHING BEACON SIGN (N.I.C.)
- CLOSED CIRCUIT TELEVISION CAMERA (N.I.C.)
- MICROWAVE DETECTOR (N.I.C.)
- DETECTOR LOOP
- CONTROLLER CABINET FOUNDATION
- CONTROLLER CABINET FOUNDATION: SURVEILLANCE
- CONTROLLER CABINET FOUNDATION: SURVEILLANCE, TYPE 334
- RAMP METER SIGNAL POLE/HEAD FOUNDATION
- RAMP METER FLASHER FOUNDATION
- TEMPORARY WOOD POLE, 50 FOOT LENGTH (10 FOOT BURIED, 40 FOOT INSTALLED HEIGHT)
- HIGHWAY ADVISORY RADIO ANTENNA (N.I.C.)
- ELECTRIC UTILITY POLE
- CCTV CAMERA POLE (N.I.C.)

ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

- EXISTING LIGHTING UNIT, TWIN LUMINAIRE
- EXISTING LIGHTING UNIT
- EXISTING TEMPORARY LIGHTING UNIT
- EXISTING COOT 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 COOT 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
- EXISTING RAMP METER FLASHER
- EXISTING HIGHWAY ADVISORY RADIO ANTENNA
- EXISTING CCTV CAMERA POLE
- EXISTING UTILITY SERVICE CONNECTION, POLE MOUNTED
- EXISTING UTILITY SERVICE CONNECTION, PAD MOUNTED
- EXISTING CONCEALED CONDUIT IN STRUCTURE
- EXISTING EXPOSED CONDUIT
- EXISTING RACEWAY OR DIRECT BURIED CABLE WITHOUT ENCASEMENT
- EXISTING CONCEALED CONDUIT UNDERGROUND, TRENCHED OR PUSHED
- EXISTING ELECTRIC CABLE IN CONDUIT

GENERAL ELECTRICAL CALLOUTS



EI-100

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 63rd ST TO 59th ST (FRONTAGE ROAD & RAMPS)

ELECTRICAL SYMBOLS

SCALE: NOT TO SCALE DRAWN BY: CJM
 DATE: October 29, 2004 CHECKED BY: WDS

10/22/2004 11:528 AM