









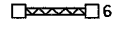
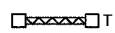





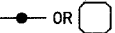











F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	764	441
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (1516.1, 1717, 1818) R-5				62593












ELECTRICAL SYMBOLS FOR PROPOSED WORK


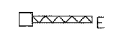
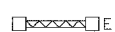
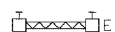








GENERAL ELECTRICAL CALLOUTS














-  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, SINGLE MAST ARM
 (POLE AND LUMINAIRE (NIC))
-  LIGHT POLE FOUNDATION, TWIN MAST ARM
 (POLE AND LUMINAIRE (NIC))
-  TEMPORARY LIGHTING UNIT INCLUDING 60 FOOT
 WOOD POLE (CLASS 4), 8'-0" MAST ARM WITH
 400 WATT HPS LUMINAIRE
-  POLE FOUNDATION REMOVAL
-  LIGHT POLE FOUNDATION WITH GROUND ROD
-  ELECTRIC HANDHOLE: TYPE AS INDICATED
 TYPE E1: PC CONCRETE, 21.5"x21.5"x30"
 IDOT STANDARD 814001 (NIC)
 TYPE E2: PC CONCRETE-HEAVY DUTY, 22"x22"x30",
 IDOT STANDARD 814001 (NIC)
 TYPE C1: COMMUNICATIONS VAULT (NIC)
 TYPE S1: PC CONCRETE-HEAVY DUTY, 22"x22"x36"
 TYPE S1 (SPECIAL): PC CONCRETE-HEAVY DUTY, 22"x22"x36" (NIC)
 TYPE S2: PC CONCRETE-HEAVY DUTY SPECIAL,
 30"x30"x36" (NIC)
-  JUNCTION BOX: TYPE AND SIZE AS INDICATED
 ON PLANS
-  FIBER OPTIC COMMUNICATIONS HUT
-  LIGHTED SIGN STRUCTURE-CANTILEVER TYPE
 (NUMBER OF FLUORESCENT FIXTURES AS
 INDICATED WITH ASSOCIATED DISCONNECT
 SWITCH - TYP.) (N.I.C.)

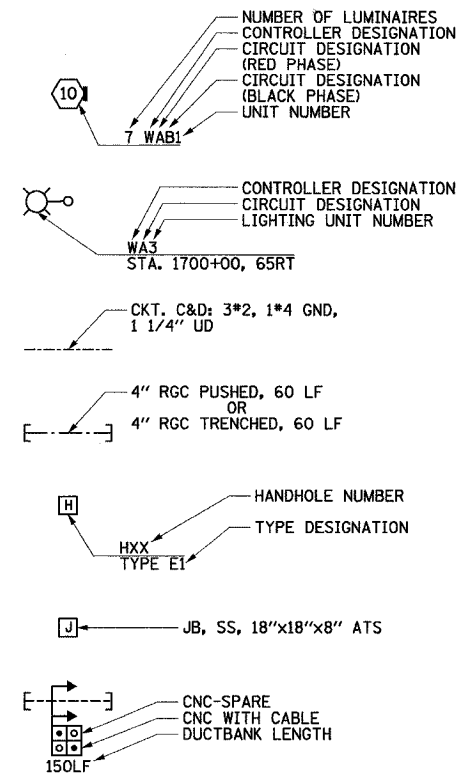
-  LIGHTED SIGN STRUCTURE-TRUSS TYPE (N.I.C.)
-  TEMPORARY LIGHTED SIGN STRUCTURE-TRUSS
 TYPE, QUANTITY OF LUMINAIRES AS SHOWN
 ON SIGNING PLANS
-  LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE (N.I.C.)
-  DYNAMIC MESSAGE SIGN (N.I.C.)
-  FLASHING BEACON SIGN (N.I.C.)
-  CLOSED CIRCUIT TELEVISION CAMERA (N.I.C.)
-  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 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 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

-  POLE MOUNTED ELECTRIC UTILITY TRANSFORMER(S)
-  PAD MOUNTED ELECTRIC UTILITY TRANSFORMER
-  GROUND ROD
-  MAIN SERVICE FUSED DISCONNECT SWITCH
 (RATING AS INDICATED)
-  EXISTING RACEWAY OR CONDUIT RUN
 AS INDICATED ON PLANS
-  RACEWAY EMBEDDED IN STRUCTURE
-  RACEWAY OR DIRECT BURIAL CABLE
 UNDERGROUND WITHOUT ENCASEMENT
-  RIGID GALVANIZED STEEL CONDUIT
 SLEEVE, TRENCHED OR PUSHED
-  UNDERGROUND REINFORCED CONCRETE ENCASED
 CNC DUCTBANK, UNO. (NUMBER AND SIZE OF
 DUCTS AS SHOWN)
-  RACEWAY OR CONDUIT IN TRENCH, TYPE AS
 INDICATED ON PLANS
-  AERIAL CABLE, REMOVAL
-  CONDUIT TURNED DOWN
-  CONDUIT TURNED UP



23/EI-100

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94 (DAN RYAN EXPRESSWAY)

ELECTRICAL SYMBOLS

SCALE: NOT TO SCALE DRAWN BY: CJM
 DATE: MARCH 1, 2006 CHECKED BY: BMW

CTE ENGINEERS
 CONSOR TOWNSEND ENVIRODYNE ENGINEERS, INC.
 303 EAST WACKER DRIVE, SUITE 600
 CHICAGO ILLINOIS 60601-5222, PHONE: (312) 938-0300

JNT'S Contract 23 Dairi/15/23-E/09/0002/AST 2/20/2006 2:04:18 PM