

| F.A.I. RTE.                                     | SECTION | COUNTY          | TOTAL SHEETS | SHEET NO. |
|---|---------|-----------------|--------------|-----------|
| 90/94   |         | COOK            | 312          | 185       |
| STA. 60A62                                      |         | TO STA. 1528+10 |              |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |         |                 |              |           |
| • (1919.15, 2021-922 PT1 & PT2) R-1             |         |                 |              |           |

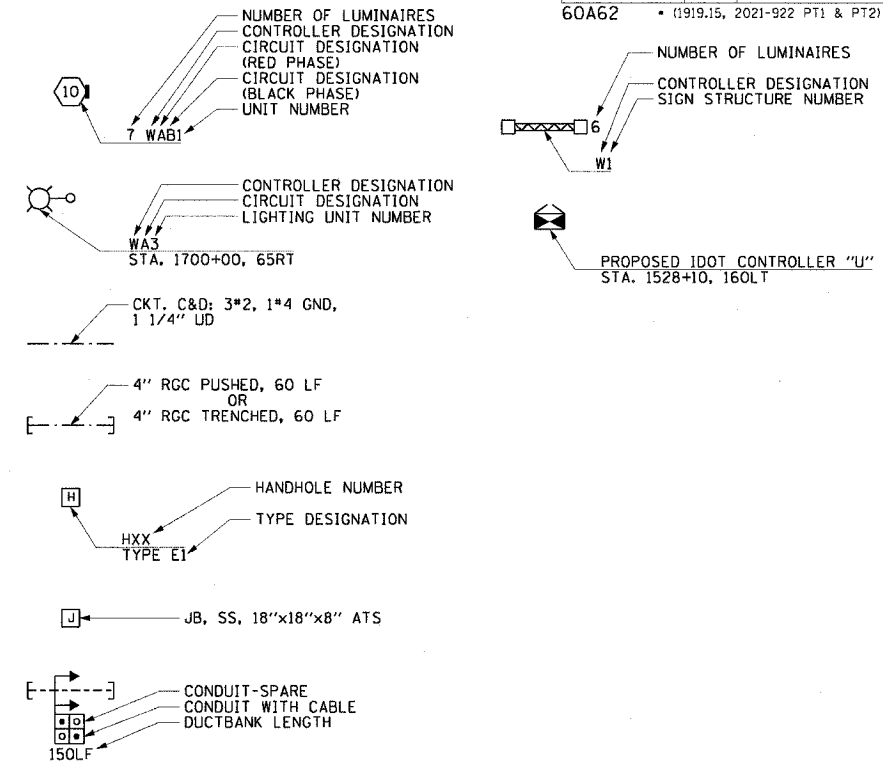
ELECTRICAL SYMBOLS FOR PROPOSED WORK

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  
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
- TEMPORARY LIGHTED SIGN STRUCTURE-TRUSS  
TYPE, QUANTITY OF LUMINAIRES AS SHOWN  
ON SIGNING PLANS
- LIGHTED SIGN STRUCTURE-BRIDGE MOUNT TYPE
- DYNAMIC MESSAGE SIGN
- FLASHING BEACON SIGN
- CLOSED CIRCUIT TELEVISION CAMERA
- MICROWAVE DETECTOR
- 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
- ELECTRIC UTILITY POLE
- CCTV CAMERA POLE
- PULLING PEDESTAL

- 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  
DUCTBANK, UNO. (NUMBER, TYPE, AND SIZE OF  
DUCTS AS SHOWN)
- RACEWAY OR CONDUIT IN TRENCH, TYPE AS  
INDICATED ON PLANS
- AERIAL CABLE, TYPE AS INDICATED ON PLANS
- CONDUIT TURNED DOWN
- CONDUIT TURNED UP



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
- EXISTING PULLING PEDESTAL

- 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



| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)  
63RD STREET TO GARFIELD BLVD (NB LOCAL LANES)

ELECTRICAL SYMBOLS

SCALE: NOT TO SCALE  
DATE: June 9, 2006  
DRAWN BY: HAR  
CHECKED BY: JPC

EI-100

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