ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
•	••	•	7	3
STA.	TO STA.			

CONTRACT NO.: 76797

• VARIOUS

•• DIST 8 FLASHING BEACONS 2005-2

ELECTRICAL GENERAL NOTES

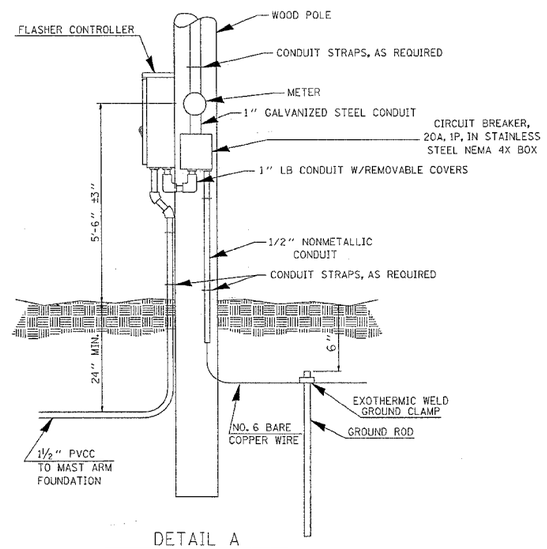
1. ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
2. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
3. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

   IL RTE. 127 (COLLEGE AVENUE) AND 3RD STREET (GREENVILLE)
   - *GREENE COUNTY CANLEVISION (CABLE TV)
   - *GREENVILLE, CITY OF (WATER AND SANITARY SEWER)
   - *GREENVILLE COLLEGE (WATER AND SANITARY SANITARY SEWER)
   - *ILLINOIS POWER (ELECTRIC AND GAS)
   - *SBC (COMMUNICATIONS)

   MAIN STREET AND CENTER STREET (TROY)
   - *CHARTER COMMUNICATIONS (COMMUNICATIONS)
   - *ILLINOIS POWER CO.(ELECTRIC AND GAS)
   - *NATURAL GAS PIPELINE CO. OF AMERICA (GAS TRANSMISSION)
   - *PHILLIPS PETROLEUM CO.(GAS TRANSMISSION)
   - *SBC (COMMUNICATIONS)
   - *SOUTHWESTERN ELECTRIC COOPERATIVE, INC.(ELECTRIC)
   - *TROY, CITY OF (WATER AND SANITARY SEWER)

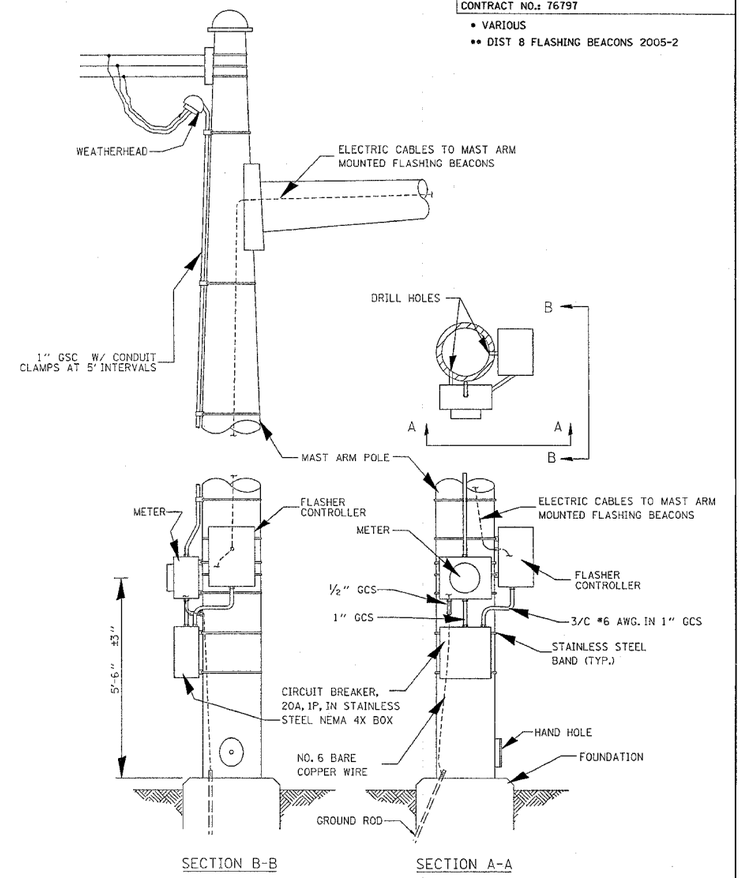
   LOUISIANA BOULEVARD AND 25TH STREET (EAST SAINT LOUIS)
   - *AMEREN-UE (ELECTRIC)
   - *ILLINOIS AMERICA WATER CO. (WATER)
   - *ILLINOIS POWER CO. (GAS)
   - *SBC (COMMUNICATIONS)

   (MEMBERS OF J.U.L.I.E. PHONE (800) - 892-0123 ARE INDICATED BY *)
   NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
4. THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVE MENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
5. UNDERGROUND MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 815.03(d) AND 1066.05 OF THE STANDARD SPECIFICATIONS.
6. FINAL DEPTHS OF THE CONCRETE FOUNDATIONS FOR MAST ARM SUPPORT POLES ARE AS FOLLOWS:
   - IL 127@ 3RD ST. - 52 FT. ARM - 15 FT. DEEP
   - MAIN AND CENTER - 36 FT. ARM - 11 FT. DEEP
   - LOUISIANA AND 25TH ST - 48 FT ARM - 13 FT. DEEP



DETAIL A

SERVICE INSTALLATION AND FLASHER CONTROLLER CABINET DETAIL



DETAIL B

MAST ARM POLE MOUNTED SERVICE INSTALLATION AND FLASHER CONTROLLER CABINET DETAIL

NOTES:

SERVICE, ELECTRICAL EQUIPMENT AND POLE SHALL BE EFFECTIVELY GROUNDED TO THE CONCRETE FOUNDATION GROUND ROD.

THE COST OF THE SERVICE INSTALLATION MOUNTING HARDWARE SHAL BE INCLUDED IN THE UNIT PRICE FOR "SERVICE INSTALLATION TYPE A.

MOUNTING HARDWARE SHALL BE STAINLESS STEEL OR UNPAINTED ALUMINUM

TRAFFIC CONTROL AND PROTECTION STANDARDS	IL 127 @ 3RD ST.	MAIN ST @ CENTER ST.	LOUISIANA BLVD. @ 25TH ST.
701001	●	●	●
701006	●	●	●
701701	●	●	●
701801	●	●	●
702001	●	●	●

TRAFFIC SIGNALS LEGEND

GSC	GALVANIZED STEEL CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
	PROPOSED 4-WAY RED FLASHING BEACON, MAST ARM MOUNTED
	PROPOSED CONTROLLER
—"—	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
	PROPOSED SERVICE INSTALLATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, LEGEND AND DETAILS

VARIOUS ROUTE
SECTION DIST 8 FLASHING BEACONS 2005-2
VARIOUS COUNTIES

DRAWN BY:

PLOT DATE: Monday August 16, 2004 @ 11:49:17 AM

PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

9/16/2004
Monday August 16, 2004 @ 11:49:17 AM
c:\projects\wo85804\electrical\bpl-h85804ed.dgn