

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	13	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ELECTRICAL GENERAL NOTES

- 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.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM.
- ALL PROPOSED TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- 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 161 @ S. GREENMOUNT RD.

- AMEREN IP (ELECT. & GAS)
- CHARTER COMM. (CABLE TV)
- ILL. AMERICAN WTR. CO. (WATER)
- McLEOD USA TELE COMM.
- METRO (COMM.)
- SBC (COMM.)
- ST. CLAIR TOWNSHIP (SAN. SEWER)

N. GREENMOUNT RD. @ LEBANON AVE.

- AMEREN IP (ELECT. & GAS)
- AT&T CORP. (COMM)
- CHARTER COMM. (CABLE TV)
- ILL. AMERICAN WTR. CO. (WATER)
- SBC (COMM.)
- VILLAGE OF SHILOH (WTR & SAN. SEWER)
- ST. CLAIR TOWNSHIP

IL 111 @ BUNKUM RD.

- AMEREN IP (GAS)
- AMAREN UE (ELECTRIC)
- CENTERPOINT ENERGY (PIPE LINE)
- ILL. AMERICAN WTR. CO. (WATER)
- MARATHON ASHLAND PIPE LINE, LLC
- MEDIACOM (CABLE TV)
- SBC (COMM)
- VILLAGE OF WASHINGTON PARK (SAN. SEWER)

IL 163 @ MINE HAUL RD./ZINGG RD.

- AMEREN IP (GAS)
- HARRISONVILLE TEL CO. (COMM)
- MONROE CO. ELECTRIC CORP., INC. (ELECT)
- SBC (COMM)
- VERIZON NORTH, INC. (COMM)

IL 143 @ WANDA RD./BIRCH RD.

- AMEREN IP (ELECT. & GAS)
- AT&T CORP. (COMM)
- BUCKEYE PIPE LINE CO.
- CHARTER COMM., INC. (COMM)
- EXPLORER PIPELINE CO.
- NORTHEAST CENTRAL WATER DIST. (WATER)
- PLAINS PIPELINE, L.P.
- SBC (COMM)
- SOUTHWESTERN ELECTRIC CO-OP., INC. (ELECT)

(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.

- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- INSTALL PROPOSED "ILLUMINATED SIGN, FIBER-OPTIC" NEXT TO "LEFT TURN SIGNAL". RELOCATE EXISTING R10-12 SIGN IMMEDIATE RIGHT TO "ILLUMINATED SIGN". THE COST FOR RELOCATING R10-12 SIGN SHALL BE INCLUDED IN THE COST FOR "ILLUMINATED SIGN, FIBER-OPTIC". NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR RELOCATING R10-12 SIGN.
- ANY HARDWARE SUCH AS RELAY, LOAD SWITCH ETC. REQUIRED FOR COMPLETE INSTALLATION AND OPERATION OF ILLUMINATED SIGN SHALL BE INCLUDED IN PAY ITEM, "ILLUMINATED SIGN, FIBER OPTIC".
- THE CONTRACTOR SHALL DRILL TWO 1 1/2" DIAMETER HOLES IN EXISTING WOOD SIGN SUPPORT AT THE INTERSECTION OF ILL. RTE. 143 WITH WANDA RD./BIRCH RD. IN ACCORDANCE WITH ARTICLE 730.03 OF THE STANDARD SPECIFICATIONS. THE COST SHALL BE INCLUDED IN PAY ITEM, "SIGNAL HEAD, POLY, LED, 1-FACE, 1-SECTION, P.M.".
- UNDERGROUND MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK ACCORDING TO ARTICLE 815.03 (d) AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- ALL EXISTING LOAD SWITCHES ASSOCIATED WITH PROPOSED LED SIGNAL HEADS SHALL BE REPLACED. THE NEW LOAD SWITCHES SHALL BE ACCORDING TO ARTICLE 1074.03 (b) (2) OF THE STANDARD SPECIFICATIONS. THE COST SHALL BE INCLUDED IN RESPECTIVE PAY ITEMS FOR " LIGHT EMITTING DIODE (LED) SIGNAL HEAD." NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR NEW LOAD SWITCHES.
- THE 9-1-1 ADDRESSES FOR LOCATION IL ROUTE 163 @ MINE HAUL RD. / ZINGG RD. ARE AS FOLLOWS:

- NEW SERVICE @ STA. 85+72, EAST OF IL RTE. 163 - " 7176 State Rt. 163 Millstadt 622260 "
- NEW SERVICE @ STA. 101+45, WEST OF IL RTE. 163 - " 7209 State Rt. 163 Millstadt 62260 "

TRAFFIC SIGNALS LEGEND

- RREC REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- PVCC POLYVINYL CHLORIDE CONDUIT
- EXISTING SIGNAL POST
- EXISTING SIGNAL POST WITH BACKPLATE
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING DETECTOR LOOP
- EXISTING CONTROLLER
- EXISTING STREET NAME SIGN/TRAFFIC SIGN
- EXISTING ILLUMINATED SIGN
- EXISTING SERVICE INSTALLATION
- EXISTING GALVANIZED STEEL CONDUIT
- PROPOSED HANDHOLE
- PROPOSED CONTROLLER
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
- PROPOSED STREET NAME SIGN/TRAFFIC SIGN
- PROPOSED ILLUMINATED SIGN
- PROPOSED SERVICE INSTALLATION
- PROPOSED SIGNAL POST
- PROPOSED SIGNAL HEAD, POST MOUNTED ('R'-RED, 'Y'-YELLOW)
- PROPOSED SIGNAL HEAD W/BACK PLATE

- Various
- Dist. 8 TS Modifications 2006-1
- St. Clair & Madison

COMMITMENTS

NONE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES AND LEGEND
FAP ROUTE VARIOUS
SECTION: DIST. 8 TS MODIFICATIONS 2006-1
COUNTIES: ST. CLAIR & MADISON
SCALE: VERT. _____
DATE _____
DRAWN BY _____
CHECKED BY _____