



- KEYED NOTES:** (X)
- (1) EXISTING ELECTRICAL HANDHOLE TO REMAIN.
  - (2) EXISTING ELECTRICAL CONDUCTORS AND CONDUIT FOR LIGHTING CIRCUIT #1 TO REMAIN.
  - (3) EXISTING ELECTRICAL CONDUCTORS AND CONDUIT FOR CHRISTMAS RECEPTACLES TO REMAIN.
  - (4) INSTALL ALL CIRCUIT CONDUCTORS IN A COMMON NEW 2" CONDUIT. REFER TO DETAIL 2/90 FOR TRENCH DETAIL.
  - (5) INSTALL NEW CIRCUIT CONDUCTORS IN EXISTING CONDUIT AND CONNECT TO EXISTING CIRCUITS IN EXISTING LIGHT POLE.
  - (6) INSTALL NEW CIRCUIT CONDUCTORS IN EXISTING CONDUIT TO NEW BREAKER IN EXISTING CONTROL BOX.
  - (7) (3)#8 & #10 GND.
  - (8) (2)#8 & #10 GND.
  - (9) EXISTING CIRCUIT CONDUCTORS AND BREAKER TO REMAIN.
  - (10) CONNECT NEW CIRCUIT CONDUCTORS TO NEW BREAKER IN EXISTING CONTROL BOX.
  - (11) PROVIDE NEW POLYMER CONCRETE HAND HOLE. REFER TO DETAIL 1/90 FOR ADDITIONAL DETAILS.
  - (12) (2)#2 & #4 GND.
  - (13) (2)#4 & #6 GND.
  - (14) (2)#6 & #8 GND.
  - (15) (2)#12 & #12 GND.
  - (16) (3)#12 & #12 GND.
  - (17) (2)#10 & #12 GND.
  - (18) (3)#10 & #12 GND.

**ELECTRICAL ONE-LINE DIAGRAM – EDWARDS CONTROL BOX**  
SCALE: NONE

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DRAWING DATE	10/14/11	REVISION		BY	DATE
DESIGNED BY	MJF				
DRAWN BY	GDD				
CHECKED BY	GWJ				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL ONE-LINE DIAGRAM – EDWARDS CONTROL BOX**

PROJECT NO.	11-095	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	16		10-00035-00-LS	Montgomery	92	91
FILENAME	E4.1.dwg				CONTRACT NO.	93563
DRAWING SCALE	NONE	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		