



CONDUCTORS INSTALLED IN NEW 2"Ø CONDUIT ALONG THE NORTH SIDE OF WEST RYDER ST. REFER TO SHEET 81 FOR PLAN VIEW OF STREET.

CONDUCTORS INSTALLED IN NEW 2"Ø CONDUIT ALONG THE NORTH SIDE OF EAST RYDER ST. REFER TO SHEET 81 FOR PLAN VIEWS OF STREETS.

CONDUCTORS INSTALLED IN NEW 2"Ø CONDUIT ALONG THE NORTH SIDE OF EAST KIRKHAM ST. AND WEST SIDE OF NORTH MONROE ST. REFER TO SHEET 80 AND 84 FOR PLAN VIEW OF STREET.

CONDUCTORS INSTALLED IN NEW 2"Ø CONDUIT ALONG THE NORTH SIDE OF WEST KIRKHAM AND EAST SIDE OF NORTH MADISON ST. REFER TO SHEET 80 AND 83 FOR PLAN VIEW OF STREET

CONDUCTORS INSTALLED IN NEW 2"Ø CONDUIT ALONG THE SOUTH SIDE OF WEST KIRKHAM ST. AND EAST SIDE OF NORTH MADISON ST. REFER TO SHEET 80 AND 83 FOR PLAN VIEW OF STREET.

CONDUCTORS INSTALLED IN NEW 2"Ø CONDUIT ALONG THE WEST SIDE OF NORTH MADISON ST. REFER TO SHEET 83 FOR PLAN VIEW OF STREET.

EXISTING ELECTRICAL CONTROL BOX TO REMAIN (MILBANK MODEL #CP3B52C1XK22A0SP2)

EXISTING LIGHT POST FOUNDATION TO REMAIN (TYP.)

NEW LIGHTING CONTROLLER, SPECIAL IN LIBRARY PARK. REFER TO SHEET 73.

- KEYED NOTES:**
- ① EXISTING ELECTRICAL HANDHOLE TO REMAIN.
 - ② EXISTING ELECTRICAL CONDUCTORS AND CONDUIT FOR EXISTING LIGHTING CIRCUIT TO REMAIN.
 - ③ EXISTING ELECTRIC CONDUCTORS AND CONDUIT FOR CHRISTMAS RECEPTACLES TO REMAIN.
 - ④ INSTALL ALL CIRCUIT CONDUCTORS IN A COMMON NEW 2"Ø 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) #10 & #10 GND.
 - ⑮ (2) #12 & #12 GND.
 - ⑯ (3) #2 AND #8 GND.
 - ⑰ EXISTING SERVICE DISCONNECT FOR PARK SITE ELECTRICAL SERVICE TO REMAIN.
 - ⑱ CONNECT NEW CIRCUIT CONDUCTORS TO NEW BREAKER IN NEW CONTROL BOX.
 - ⑲ (3) #12 & #12 GND.

ELECTRICAL ONE-LINE DIAGRAM – KIRKHAM CONTROL BOX
SCALE: NONE

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DRAWING DATE	10/14/11	REVISION		BY	DATE
DESIGNED BY	MJF				
DRAWN BY	GDG				
CHECKED BY	GWW				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL ONE-LINE DIAGRAM – KIRKHAM CONTROL BOX

PROJECT NO.	11-095	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	17		10-00035-00-LS	Montgomery	92	92
FILENAME	E4.2.dwg				CONTRACT NO.	93563
DRAWING SCALE	NONE				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT