



EXISTING LIGHTING CONTROLLERS "RWP-1" & "H-2" STAGE 3 WIRING MODIFICATION DIAGRAM
N.T.S. (NOTES 2, 3, 4)

LEGEND:

- PROPOSED LIGHTING UNIT: 400W, 240V PHASE TO NEUTRAL, HPS LUMINAIRE WITH TYPE III DISTRIBUTION, 45'-2" ALUMINUM POLE SHAFT ON 24" DIAMETER CONCRETE FOUNDATION, 47'-6" MOUNTING HEIGHT, 12'-0" MAST ARM, WITH 5A FUSES AND T-BASE (RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL)
- EXISTING LIGHTING UNIT WITH RECEPTACLE TO BE RELOCATED (LIGHTING UNIT ON RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL) (RECEPTACLE ON ORANGE PHASE-OPEN SYMBOL, BROWN PHASE-SHADED SYMBOL)
- EXISTING LIGHTING UNIT OR LIGHTING UNIT INSTALLED IN EARLIER CONSTRUCTION STAGE (RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL)
- PROPOSED 120V, 20A, GFCI RECEPTACLE ON PROPOSED LIGHTING UNIT (ORANGE PHASE-OPEN SYMBOL, BROWN PHASE-SHADED SYMBOL)
- EXISTING RECEPTACLE INSTALLED BY OTHERS (ORANGE PHASE-OPEN SYMBOL, BROWN PHASE-SHADED SYMBOL)
- EXISTING ROADWAY LIGHTING OR RECEPTACLE CONTROLLER AS INDICATED
- EXISTING ROADWAY LIGHTING HANDHOLE TO BE RELOCATED
- EXISTING ROADWAY LIGHTING HANDHOLE
- PROPOSED ELECTRICAL CONDUCTORS: SIZE AND QUANTITY AS INDICATED
- ELECTRICAL CONDUCTORS: EXISTING OR INSTALLED IN EARLIER CONSTRUCTION STAGE

NOTES:

1. SEE DRAWING E-1 FOR ELECTRICAL ABBREVIATIONS. SEE DRAWING E-2 FOR ELECTRICAL GENERAL NOTES.
2. WIRING DIAGRAM ONLY SHOWS THE CHANGES BEING MADE TO THE CONTROLLERS. EXISTING LOADS ON THE CONTROLLERS ARE NOT SHOWN FOR CLARITY.
3. COLOR CODING OF PROPOSED CONDUCTORS FOR 240/480V, 1Ø, 3W LIGHTING SYSTEM IS AS FOLLOWS:
 "A" PHASE - RED
 "B" PHASE - BLACK
 NEUTRAL - WHITE
 GROUND - GREEN
4. COLOR CODING OF PROPOSED CONDUCTORS FOR 120/240V, 1Ø, 3W RECEPTACLE SYSTEM IS AS FOLLOWS:
 "A" PHASE - ORANGE
 "B" PHASE - BROWN
 NEUTRAL - GRAY
 GROUND - GREEN

FILE NAME =	USER NAME = michael_bartusiewicz	DESIGNED - DAD	REVISED -
D160M61-SHT-E52.dgn		DRAWN - DAD	REVISED -
SHT.PLAN	PLOT SCALE = 2.000000' / in.	CHECKED - DAD	REVISED -
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -

US 45 (LaGRANGE ROAD)			
EXISTING LIGHTING CONTROLLERS "RWP-1" & "H-2"			
STAGE 3 WIRING MODIFICATION DIAGRAM			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	463
E-52			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				