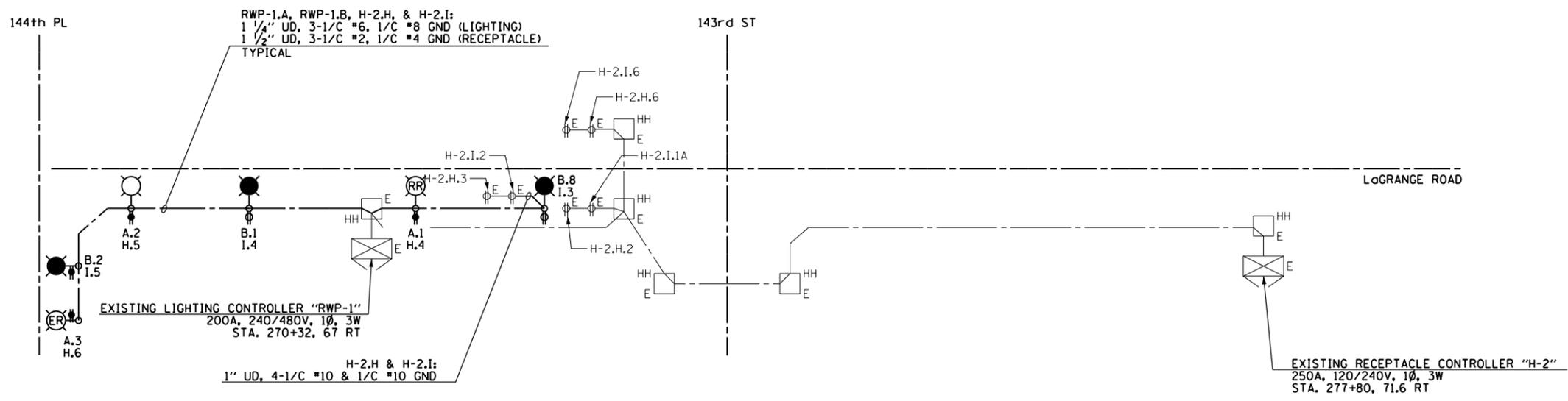


LEGEND:

- 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 POLE RELOCATED WITH NEW 250 HPS AND GFCI RECEPTACLE, 5A FUSES (LIGHTING UNIT ON 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
- PROPOSED ELECTRICAL CONDUCTORS: SIZE AND QUANTITY AS INDICATED
- ELECTRICAL CONDUCTORS: EXISTING OR INSTALLED IN EARLIER CONSTRUCTION STAGE



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

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, 10, 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, 10, 3W RECEPTACLE SYSTEM IS AS FOLLOWS:
 "A" PHASE - ORANGE
 "B" PHASE - BROWN
 NEUTRAL - GRAY
 GROUND - GREEN

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URS

FILE NAME = D160M61-SHT-E48.dgn	USER NAME = michael_bar_tusiewicz	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 (LaGRANGE ROAD) EXISTING LIGHTING CONTROLLERS "RWP-1" & "H-2" STAGE 1 WIRING MODIFICATION DIAGRAM		F.A.P. RTE. = 330	SECTION = 103R-4	COUNTY = COOK	TOTAL SHEETS = 877	SHEET NO. = 459	
SHT.PLAN	PLOT SCALE = 2.000000' / in.	CHECKED - DAD	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	E-48		CONTRACT NO. 60M61		
	PLOT DATE = 3/15/2013	DATE - 03/13/2013	REVISED -		ILLINOIS FED. AID PROJECT							
DT60M61-SHT-E48.dgn 3/15/2013 2:27:30 PM												