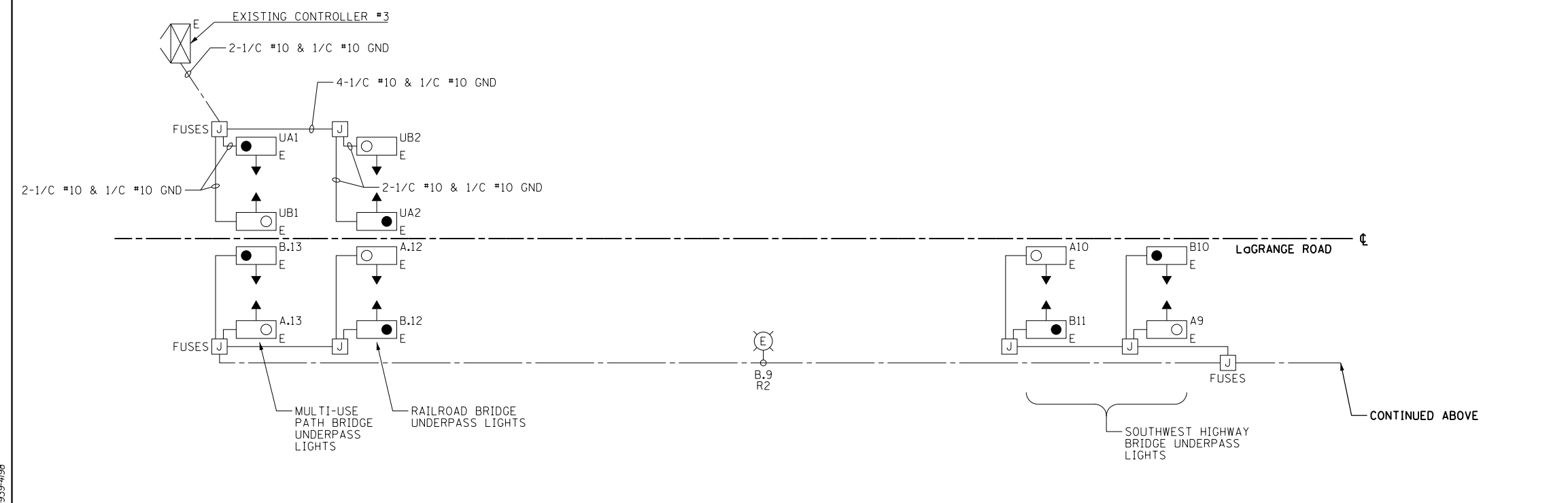


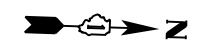
- LEGEND:**
- PROPOSED LIGHTING UNIT: 400W, 240V PHASE TO NEUTRAL, HPS LUMINAIRE WITH TYPE III DISTRIBUTION, 45'-2" ALUMINUM POLE SHAFT ON 24" DIAMETER CONCRETE FOUNDATION, 47'-6" MOUNTING HEIGHT, 12'-0" MAST ARM, WITH 5A FUSE AND T-BASE (RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL)
 - PROPOSED LIGHTING UNIT INSTALLED IN EARLIER CONSTRUCTION STAGE (RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL)
 - EXISTING UNDERPASS LIGHTING UNIT (RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL)
 - ROADWAY LIGHTING CONTROLLER (EXISTING OR INSTALLED IN EARLIER CONSTRUCTION STAGE)
 - PROPOSED COMED PAD-MOUNTED TRANSFORMER FOR UTILITY SERVICE CONNECTION AS INSTALLED IN EARLIER CONSTRUCTION STAGE
 - EXISTING STAINLESS STEEL, NEMA 4X JUNCTION BOX ATTACHED TO STRUCTURE (SIZED AS INDICATED ON PLANS)
 - PROPOSED CONDUIT AND CABLE TO SECONDARY SIDE OF UTILITY SERVICE CONNECTION AS INSTALLED IN EARLIER CONSTRUCTION STAGE
 - PROPOSED UNIT DUCT: SIZE AND QUANTITY OF CONDUCTORS AS INDICATED
 - UNDERGROUND CONDUCTORS (EXISTING OR INSTALLED IN EARLIER CONSTRUCTION STAGE)
 - CONDUCTORS IN 1" PVCC RGC CONDUIT ATTACHED TO STRUCTURE (EXISTING OR INSTALLED IN EARLIER CONSTRUCTION STAGE)

- NOTES:**
- SEE DRAWING E-1 FOR ELECTRICAL ABBREVIATIONS. SEE DRAWING E-2 FOR ELECTRICAL GENERAL NOTES.
 - COLOR CODING OF CONDUCTORS FOR 240/480V, 1Ø, 3W LIGHTING SYSTEM IS AS FOLLOWS:
 - "A" PHASE - RED
 - "B" PHASE - BLACK
 - NEUTRAL - WHITE
 - GROUND - GREEN



LIGHTING CONTROLLER "C115" ROADWAY LIGHTING PANEL LOAD TABLE					
CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	20	4800	B	20	4800
C	--	--	D	--	--
E	--	--	F	--	--
G	6	1440	H	6	1440
I	--	--	J	--	--
K	--	--	L	--	--
M	--	--	N	--	--
O	--	--	P	--	--
O	--	--	R	--	--
S	--	--	T	--	--
U	--	--	V	--	--
W	--	--	X	--	--
TOTAL	26	6240	TOTAL	26	6240

LIGHTING CONTROLLER "C115" STAGE 1B WIRING DIAGRAM
N.T.S.



100 S. WACKER DR.
 SUITE 600
 CHICAGO, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4198
URS

FILE NAME = D160M62-SHT-E34.dgn	USER NAME = Anthony.Plutz	DESIGNED - MAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 (LaGRANGE ROAD) LIGHTING CONTROLLER "C115" STAGE 1B WIRING DIAGRAM	F.A.P. RTE. = 330	SECTION = 103R-5	COUNTY = COOK	TOTAL SHEETS = 778	SHEET NO. = 358	
SHT.PLAN	PLOT SCALE = 2.000000' / in.	CHECKED - DAD	REVISED -			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	E-34		CONTRACT NO. 60M62
	PLOT DATE = 3/13/2013	DATE = 03/13/13	REVISED -					ILLINOIS FED. AID PROJECT			