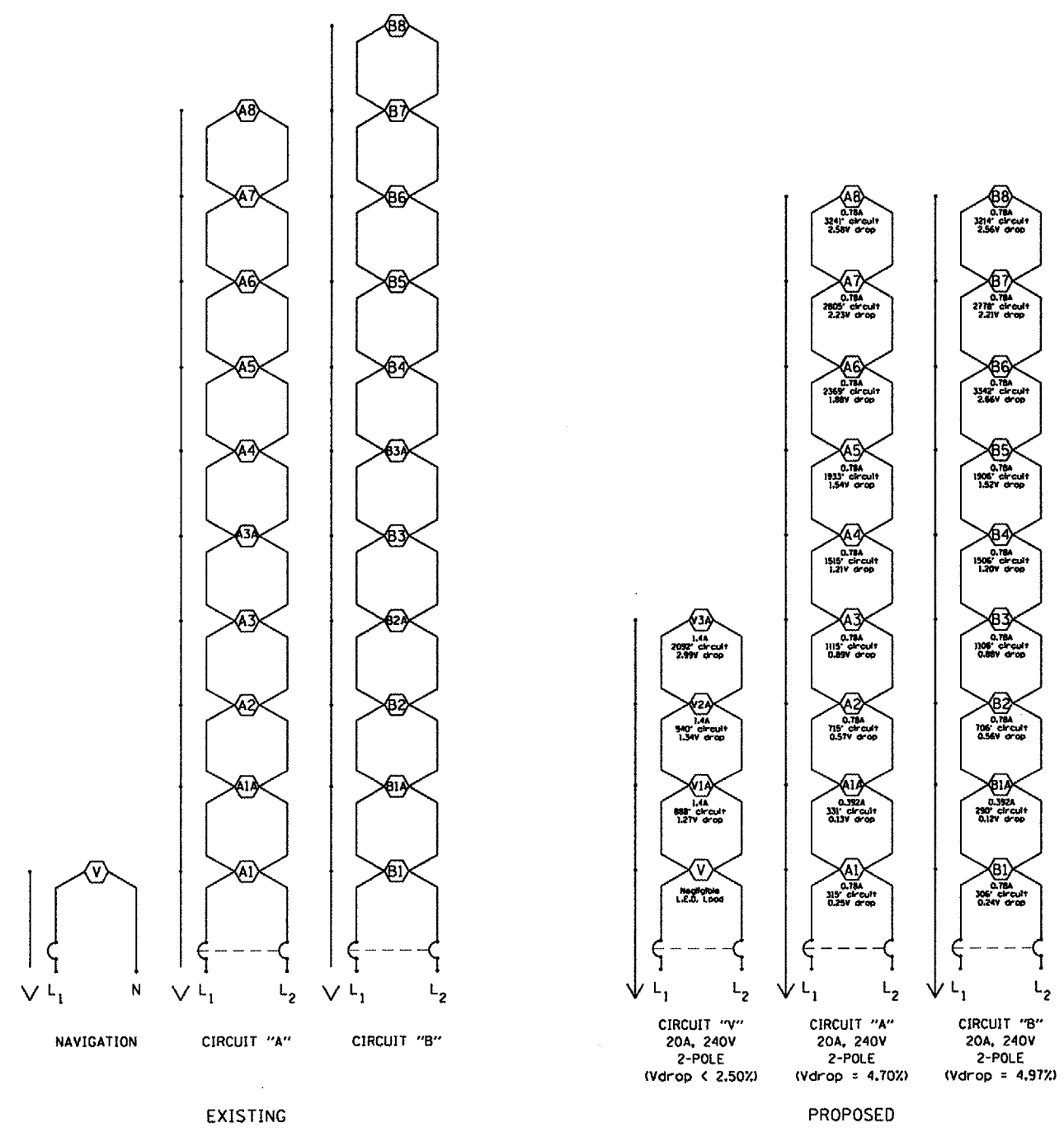
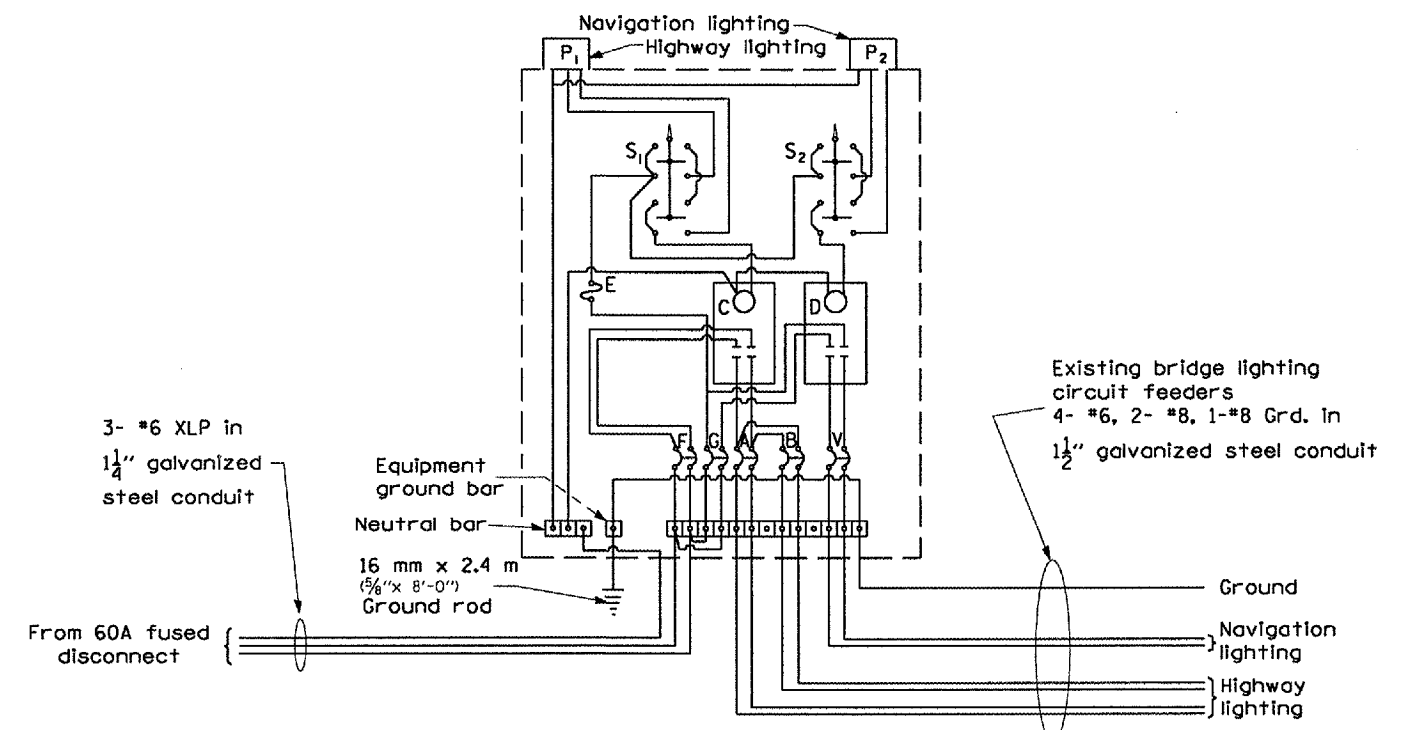


CONTRACT NO. 72A69			
F.A.P. RYE.	SECTION	COUNTY	TOTAL SHEET NO.
315	122BIL	HANCOCK	13 13
STA. _____		TO STA. _____	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



LOAD CONNECTION DIAGRAM



WIRING DIAGRAM FOR PROPOSED CONTROLLER

- P₁, P₂ Photocells w/integral surge arrestors
- S₁, S₂ Selector switch
- C Contactor 40A., 2 pole, 240V.
- D Contactor, 30A., 2 pole, 240V.
- E 10A., Control fuse
- F 40A., 2 pole, main breaker
- G 30A., 2 pole, main breaker
- A, B 20A., 2 pole, branch circuit breaker (2 pbs)
- V 20A., 2 pole, branch circuit breaker

Wiring shall be panel board fashion.
 All bends shall be right angles.
 All runs shall be vertical or parallel to panel board.
 Wires shall be grouped or laced.
 All control installation components shall be U.L. listed.
 Label equipment ground and neutral.
 Raceways shall terminate 75 (3) above top of concrete foundation.
 All dimensions are in millimeters unless otherwise shown.

PLUT DATE * NOTES
 FILE NAME * FILES
 USER NAME * USER
 USER ID * USER

JLGT004

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CONTROL INSTALLATION DUAL

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____