PROJECT REFERENCE NO. R-5705B Sig. 3.3

TIMING INTERVAL

PHASE 2+6 WALK = Dark Display

PHASE 2+6 PED CLEAR = Flashing Yellow Display

PHASE 2+6 VEH YEL CLR = Steady Yellow Display

PHASE 2+6 RED CLEAR = Steady Red Display

PHASE 4+8 WALK = Steady Red Display

PHASE 4+8 PED CLEAR = Alternating Flashing Red Display

PHASE 4+8 VEH YEL CLR = Alternating Flashing Red Display

PHASE 4+8 RED CLEAR = Alternating Flashing Red Display

OPERATIONAL NOTES

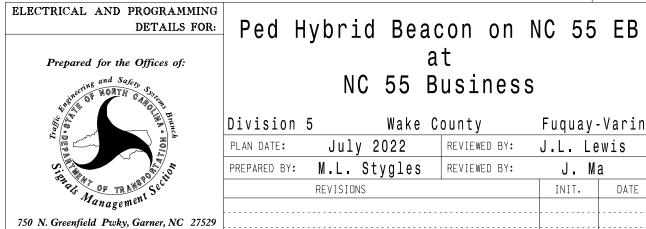
- 1. In order for the controller to perform the Pedestrian Hybrid Beacon (HAWK signal) sequence, special logic programming is necessary. Refer to sheet 2 for the Econolite ASC/3-2070 Logic Processor Programming Detail.
- 2. For operational purposes, Phase 2 and Phase 6 both run dummy pedestrian phases that are required to produce the correct HAWK signal sequence. There are no Phase 2 or Phase 6 pedestrian heads.
- 3. The only Phase 6 load switch output that is being used drives one of the red signal faces of each signal head.
- 4. The Logic Processor flashes Phase 2 Yellow during the Phase 2 pedestrian clearance phase, and Phase 2 Yellow drives the solid Yellow signal faces during Phase 2 vehicle Yellow clear.
- 5. The Phase 2 and Phase 6 red outputs drive the solid Red displays during Phase 2 and Phase 6 Red. The Logic Processor flashes the Phase 2 and 6 Red outputs in a wig-wag pattern during the Phase 4+8 Ped Clear and thru Phase 4+8 vehicle Yellow and Red clear.
- 6. The controller must be programmed for Ped Clear Thru Red for Pedestrian Phases 4 and 8 so that the Red displays continue to flash during Phases 4 and 8 Yellow and Red clear.
- 7. Make sure that all Phase 2 and Phase 6 clearance timings match each other, and that all Phase 4 and Phase 8 timings are the same.
- 8. The Ped 4 push button is programmed to call Ped 4 and Ped 8, and the Ped 8 push button is programmed to call Ped 4 and Ped 8.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: Ø5-1628 DESIGNED: July 2022 SEALED: Ø7/11/2Ø22 REVISED: N/A

Electrical Detail - Sheet 3 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED





NC 55 Business Wake County Division 5 July 2022 REVIEWED BY: J.L. Lewis PREPARED BY: M.L. Stygles REVIEWED BY:

REVISIONS

Fuquay-Varina J. Ma INIT. DATE

SIG. INVENTORY NO.