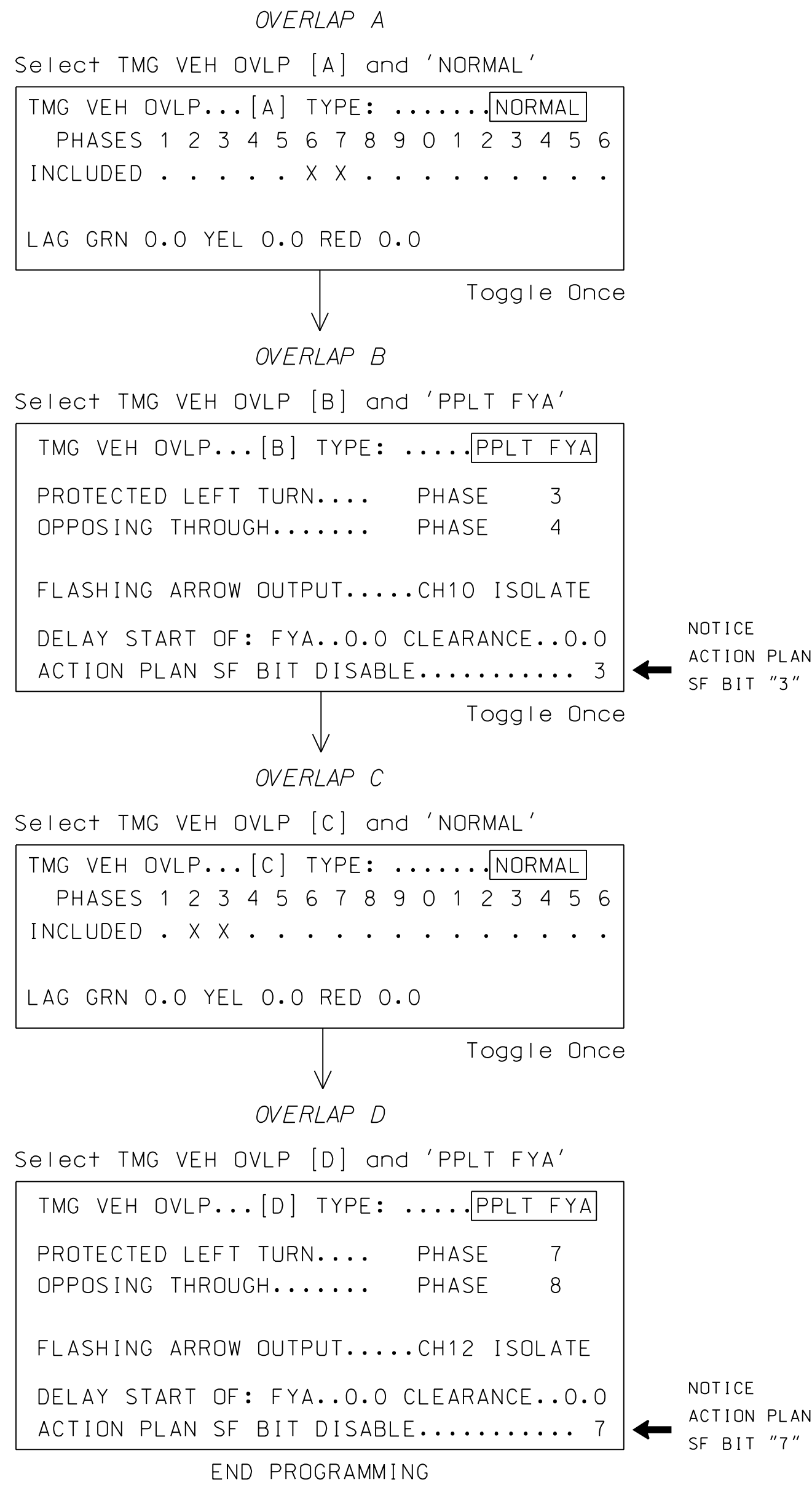


### ECONOLITE ASC/3-2070 OVERLAP PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select **2. CONTROLLER**
- From CONTROLLER Submenu select **2. VEHICLE OVERLAPS**



### FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO ENSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
  - ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
  - REMOVE FLASHER UNIT 2.
- THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

### ECONOLITE ASC/3-2070 VEHICLE DETECTOR SETUP PROGRAMMING DETAIL FOR ALTERNATE PHASING

#### LOOPS 3A & 7A

(program controller as shown)

# IMPORTANT!

Program detectors per the input file connection and programming chart shown on sheet 1 before proceeding.

- From Main Menu select **8. UTILITIES**
  - From UTILITIES Submenu select **1. COPY/CLEAR**
  - Copy from DETECTOR PLAN "1" to DETECTOR PLAN "2".
- ```

COPY / CLEAR UTILITY
FROM          TO
PHASE TIMING... > PHASE TIMING...
TIMING PLAN... > TIMING PLAN...
PH DET OPT PLAN. > PH DET OPT PLAN.
DETECTOR PLAN... 1 > DETECTOR PLAN... 2
TOGGLE TO SELECT A "FROM" AND A "TO"
THEN PRESS ENTER
    
```
- From Main Menu select **6. DETECTORS**
  - From DETECTOR Submenu select **2. VEHICLE DETECTOR SETUP**
  - Place cursor in VEH DET PLAN [ ] position and enter "2".

- Place cursor in VEH DETECTOR [ ] position and enter "3".  
- Set delay time to "0".

```

VEH DETECTOR [ 3]  VEH DET PLAN [ 2]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
3 3 . . . . .
CALL OPTION.... YES DELAY TIME... 0.0
EXT OPTION. PASSAGE EXTENSION TIME. 0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN..... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY- NO
    
```

← NOTICE VEH DET PLAN 2  
← ENSURE DELAY IS SET TO '0'

- Place cursor in VEH DETECTOR [ ] position and enter "28".  
- Set assigned phase to "0".

```

VEH DETECTOR [28]  VEH DET PLAN [ 2]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
28 0 . . . . .
CALL OPTION.... YES DELAY TIME... 0.0
EXT OPTION. PASSAGE EXTENSION TIME. 0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN..... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY- NO
    
```

← NOTICE VEH DET PLAN 2  
← ENSURE PHASE IS SET TO "0"

- Place cursor in VEH DETECTOR [ ] position and enter "7".  
- Set delay time to "3".

```

VEH DETECTOR [ 7]  VEH DET PLAN [ 2]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
7 7 . . . . .
CALL OPTION.... YES DELAY TIME... 3.0
EXT OPTION. PASSAGE EXTENSION TIME. 0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN..... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY- NO
    
```

← NOTICE VEH DET PLAN 2  
← ENSURE DELAY IS SET TO '3'

- Place cursor in VEH DETECTOR [ ] position and enter "24".  
- Set assigned phase to "0".

```

VEH DETECTOR [24]  VEH DET PLAN [ 2]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
24 0 . . . . .
CALL OPTION.... YES DELAY TIME... 3.0
EXT OPTION. PASSAGE EXTENSION TIME. 0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 0
LOCK IN..... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY- NO
    
```

← NOTICE VEH DET PLAN 2  
← ENSURE PHASE IS SET TO "0"

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1438  
DESIGNED: August 2024  
SEALED: August 22, 2024  
REVISED:

Signal Upgrade - Final Design  
Electrical Detail - Sheet 2 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

|                                                                                                                                                                                                                                           |                                                                              |                                                                                                                                                                                                        |                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <br>P: (919) 878-8560<br>8801 Six Forks Road Suite 700   Raleigh, North Carolina 27615-2965<br>NC License No. F-0112<br>Engineers   Construction Managers   Planners   Scientists<br>www.rk.com<br>Responsive People   Creative Solutions | Prepared for the Offices of:<br><br>750 N. Greenfield Pkwy, Garner, NC 27529 | NC 68 (Eastchester Dr.)<br>at<br>SR 1556 (Gallimore Dairy Rd.)<br>Division 7 Guilford County High Point<br>PLAN DATE: August 2024 REVIEWED BY: DT Sears<br>PREPARED BY: WP Erickson-Jones REVIEWED BY: | SEAL<br><br>PORTER JONES<br>ENGINEER |
|                                                                                                                                                                                                                                           | REVISIONS<br>INIT. DATE                                                      | DocuSigned by<br>Porter Jones<br>8/22/2024<br>SIGNATURE DATE<br>SIG. INVENTORY NO. 07-1438                                                                                                             |                                      |

8/22/2024 R:\Traffic\c4s1\gnal\sm4s1\gnal\sm4u015a...51c\_07-1438ea.dgn wplones