

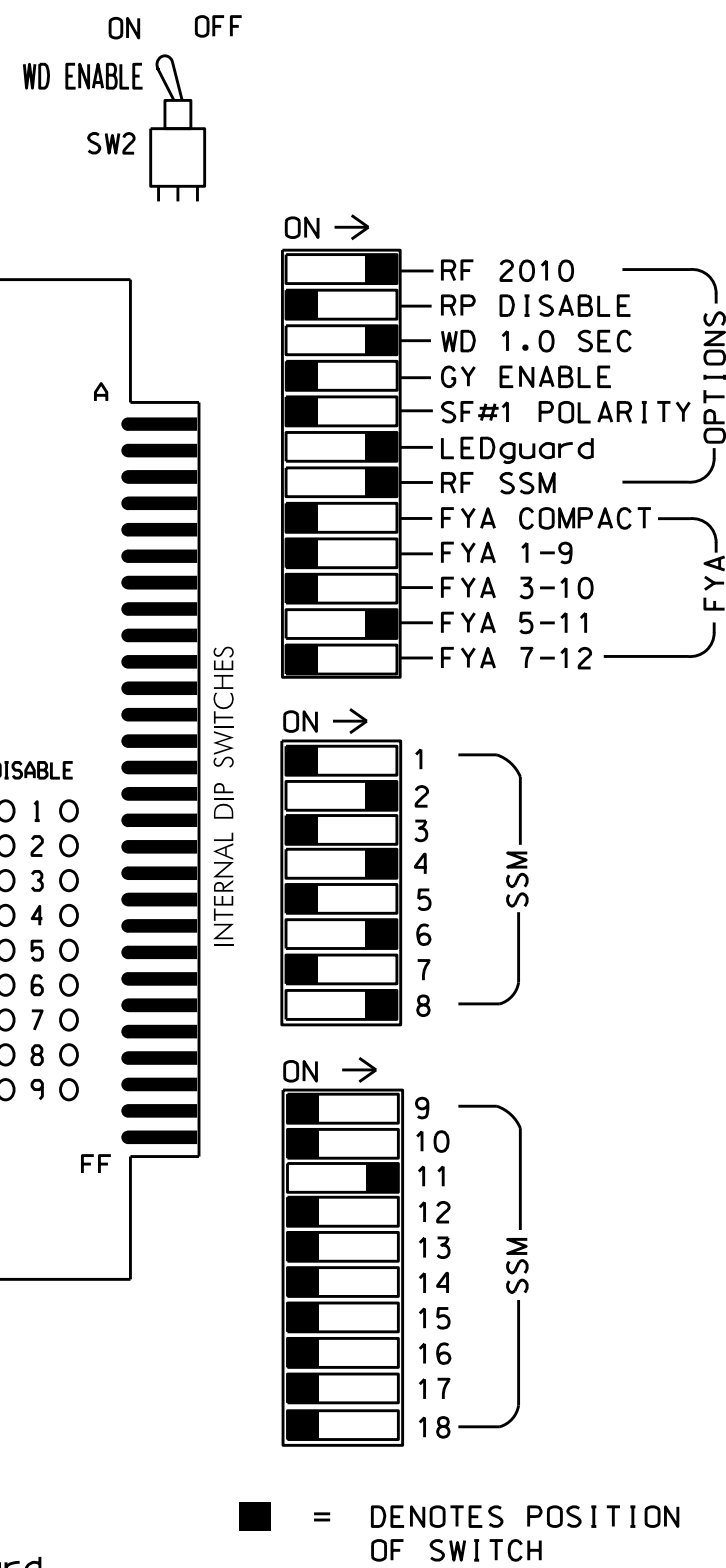
(remove jumpers and set switches as shown)

(remove jumpers and set switches as shown)



NOTES:

1. Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
2. Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
3. Ensure that Red Enable is active at all times during normal operation.
4. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.



(front view)



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FS = FLASH SENSE
ST = STOP TIME
```

Install a non-intrusive detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

1. To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
2. Program phases 4 and 8 for Dual Entry.
3. Enable Simultaneous Gap-Out for all Phases.
4. Disable all phases for Startup In Green.
5. Program 2 and 6 as First Phases.
6. Disable all phases for Yellow Flash.
7. The cabinet and controller are part of the Winston-Salem Signal System.

```
CONTROLLER.....2070
CABINET.....332 /W/ AUX
SOFTWARE.....ECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
LOAD SWITCHES USED.....S2,S5,S8,S11,AUX S4.
PHASES USED.....2,4,6,8
OVERLAP "A".....NOT USED
OVERLAP "B".....NOT USED
OVERLAP "C".....6
OVERLAP "D".....NOT USED
```

(program controller as shown below)

FROM MAIN MENU PRESS '8' (OVERLAPS), THEN
'1' (VEHICLE OVERLAP SETTINGS).

PRESS '+' TWICE

```

PAGE 1: VEHICLE OVERLAP 'C' SETTINGS
  PHASE:      12345678910111213141516
VEH OVL PARENTS:      X
VEH OVL NOT VEH:      |
VEH OVL NOT PED:      |
VEH OVL GRN EXT:      |
STARTUP COLOR:  _ RED  _ YELLOW  _ GREEN
FLASH COLORS:   _ RED  _ YELLOW  X GREEN
SELECT VEHICLE OVERLAP OPTIONS: (Y/N)
FLASH YELLOW IN CONTROLLER FLASH?...N
GREEN EXTENSION (0-255 SEC).....0
YELLOW CLEAR (0=PARENT,3-25.5 SEC)...0.0
RED CLEAR (0=PARENT,0.1-25.5 SEC)...0.0
OUTPUT AS PHASE # (0=NONE,1-16)....0

```

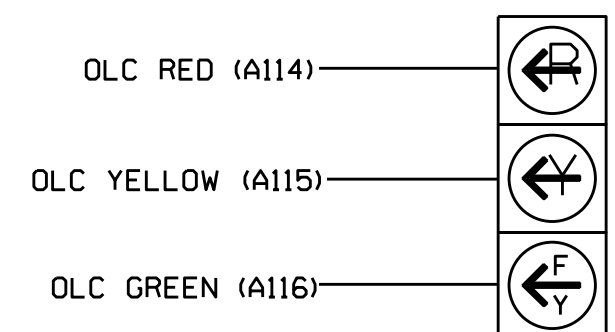
OVERLAP PROGRAMMING COMPLETE

[illegible]

NU = Not Used

★ See pictorial of head wiring in detail below.

(wire signal heads as shown)



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THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 09-0034T2
DESIGNED: September 2024
SEALED: 01-02-25
REVISED: N/A

Electrical Design - Temporary Design 2 (TMP Phase IA)

**DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED**

REAL

**ELECTRICAL AND PROGRAMMING
DETAILS FOR:**

Prepared in the Offices of:



E. Clemmonsville Road
at
SR 4325 (Thomasville Road)

Division 9 Forsyth County Winston-Salem

PLAN DATE: December 2024

PREPARED BY: James Peterson

REVISIONS

DATE _____

W. H. H. H.

01/13/2025

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SIGNATURE	DATE

INVENTORY NO. 09-0034T2