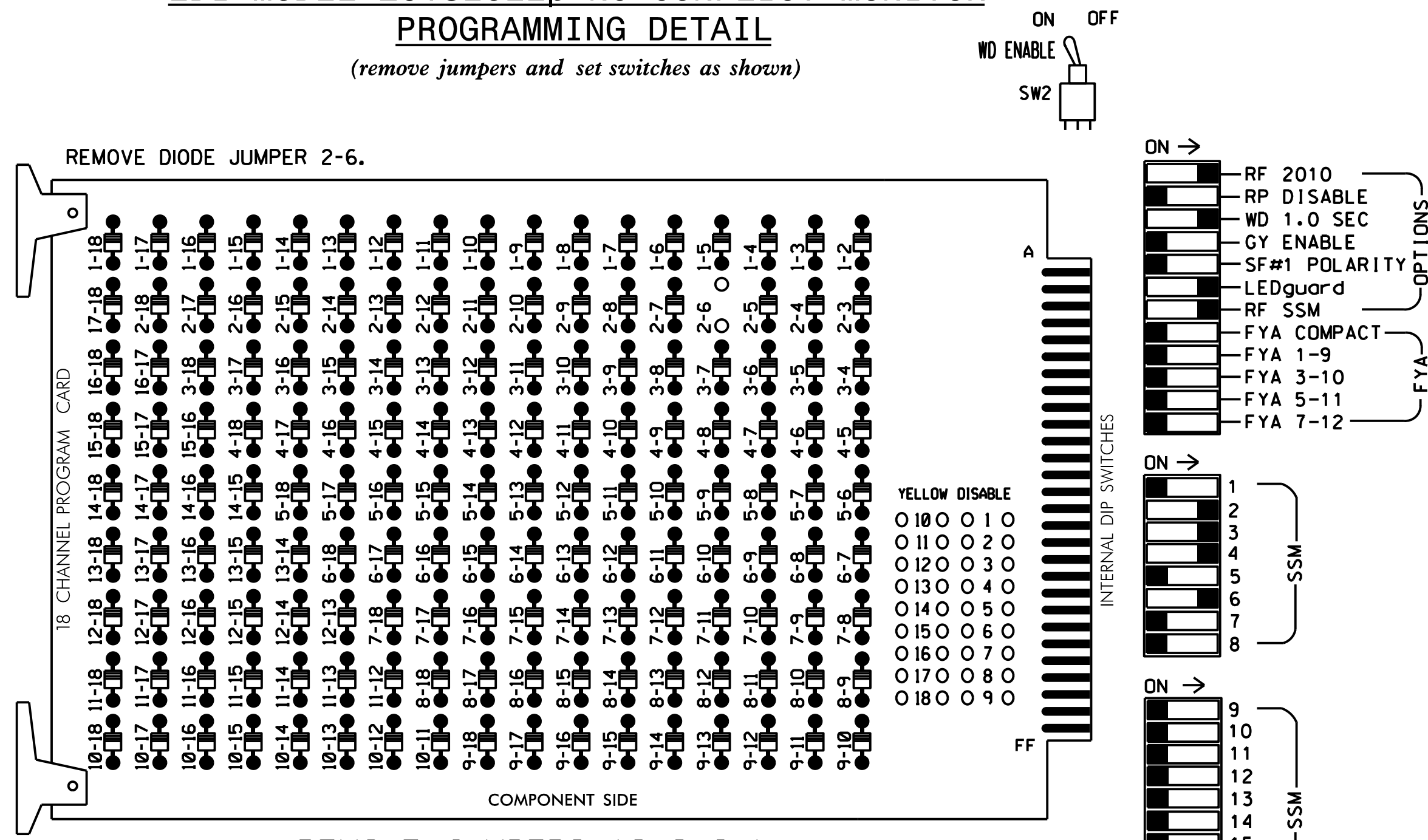


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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. Ensure Conflict Monitor Ethernet port is connected to a Switch port located within the cabinet.

NOTES

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. Initialize database in Naztec 2070 local software (Apogee) as FULL-CALTRANS. This initialization should be done prior to programming controller.
3. Initialize I/O "C1-C11-ABC IO Mode" to USER (MM 1-8-6). Then set "Init 2A" to MODE 5 (MM 1-8-9-3).
4. Program phases 2 and 6 for Start Up In Green.
5. Program "Start Up Flash" for 0 sec. The conflict monitor will govern start-up flash time.
6. Ensure "Local Flash Start" feature is set to "DRK".
7. Program controller to provide a 1 second delay on the Flash Sense/Local Flash input. Use the following logic statement to provide this functionality:

```
FROM MAIN MENU->1->8->7 (I/O LOGIC)
Result Src.Fcn  } TimeOp Time
1208 = 01208    } DLY 1
```
8. The cabinet and controller are part of the City of Greensboro Signal System.

SIGNAL HEAD HOOK-UP CHART

| LOAD SWITCH NO. | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 | S11 | S12 |
|-----------------|----|-------------|-------|-----------|----------|-------|----|-------------|-------|-----|-----|-------|
| CMU CHANNEL NO. | 1 | 2 | 13 | 3 | 4 | 14 | 5 | 6 | 15 | 7 | 8 | 16 |
| PHASE | 1 | 2 | 2 PED | 3 | 4 | 4 PED | 5 | 6 | 6 PED | 7 | 8 | 8 PED |
| SIGNAL HEAD NO. | NU | 21,22 23 | NU | 31, 32,33 | 41, 42 | NU | NU | 61,62 63 | NU | NU | NU | NU |
| RED | | 128 | | 116, 116 | 101, 101 | | | 134 | | | | |
| YELLOW | | 129 | | 117, 117 | 102, 102 | | | 135 | | | | |
| GREEN | | 130 | | 118, 118 | 103, 103 | | | 136 | | | | |
| RED ARROW | | | | | | | | | | | | |
| YELLOW ARROW | | | | | | | | | | | | |
| GREEN ARROW | | | | 118 | 103 | | | | | | | |
| Hand | | | | | | | | | | | | |
| Person | | | | | | | | | | | | |

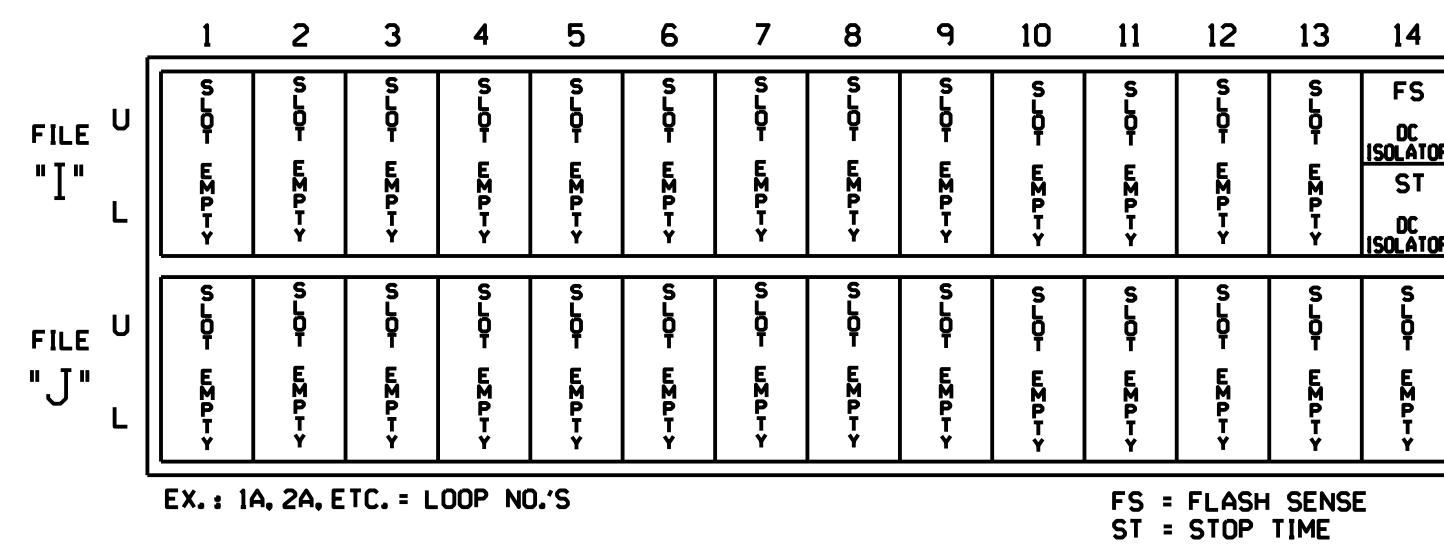
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....NAZTEC APOGEE
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S4,S5,S8
 PHASES USED.....2,3,4,6
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

SPECIAL DETECTOR NOTE

Install a video detection system for vehicle detection. Perform installation according to manufacturer's recommendations and NCDOT engineer-approved mounting location(s) to accomplish the detection schemes shown on the Signal Design Plans.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2026T2
 DESIGNED: January 2023
 SEALED: 1-18-2023
 REVISED:

Electrical Detail

MOTT MACDONALD
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 Suite 115
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 License No. F-0669

ELECTRICAL AND PROGRAMMING DETAILS FOR:
 Prepared for the Offices of:

SR 1115 (Rehobeth Church Road) at I-85 Bus. SB Ramp/ SR 1467 (Tolar Drive)

| | | |
|-------------------------|------------------|------------|
| Division 7 | Guilford County | Greensboro |
| PLAN DATE: January 2023 | REVIEWED BY: BAL | |
| PREPARED BY: INA | REVIEWED BY: RWT | |
| REVISIONS | INIT. | DATE |
| | | |

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 032711
 RUSSELL W. THOMPSON
 Russell W. Thompson
 DATE
 SIG. INVENTORY NO. 07-2026T2

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