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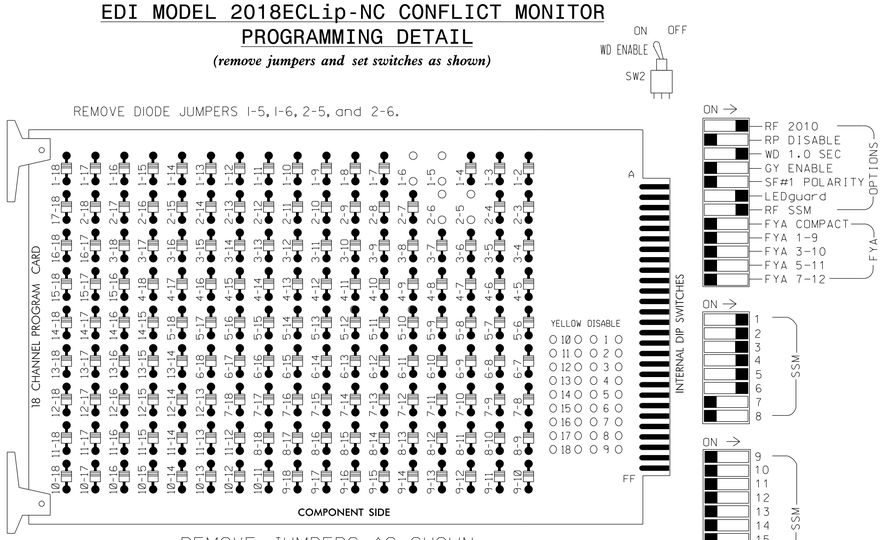
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-3330 | Sig. 15.1 |

# EDI MODEL 2018ECLip-NC CONFLICT MONITOR PROGRAMMING DETAIL

*(remove jumpers and set switches as shown)*




■ = DENOTES POSITION OF SWITCH

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. Integrate monitor with Ethernet network in 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. Enable Simultaneous Gap-Out for all phases.
3. Program phases 2 and 6 for Gap Reduction.
4. Program phases 2 and 6 for Start Up In Green.
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the Rocky Mount 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. | 11 | 21,22 | NU | 31 | 32,33 | 62 | 41 | 42,43 | NU | 51,52 | 61,62 | 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 | 125 | | | | | | | | | 131 | | | | | |
| YELLOW ARROW | 126 | | | | | 117 | | | | 132 | | | | | |
| GREEN ARROW | 127 | | | 118 | | 118 | 103 | | | 133 | | | | | |

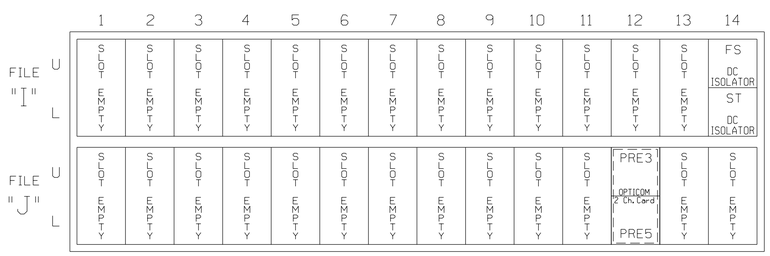
NU = Not Used

## EQUIPMENT INFORMATION

CONTROLLER.....2070E
CABINET.....332
SOFTWARE.....ECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...12
LOAD SWITCHES USED.....S1,S2,S4,S5,S7,S8
PHASES USED.....1,2,3,4,5,6
OVERLAP "A".....NOT USED
OVERLAP "B".....NOT USED
OVERLAP "C".....NOT USED
OVERLAP "D".....NOT USED

## INPUT FILE POSITION LAYOUT

*(front view)*




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

FS = FLASH SENSE
ST = STOP TIME
PRE = PREEMPT

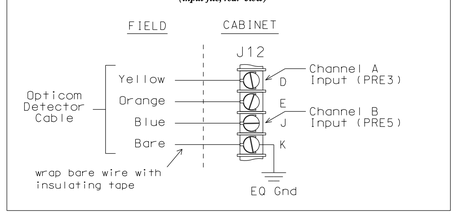
INPUT FILE POSITION LEGEND: J2L
FILE J
SLOT 2
LOWER

## SPECIAL DETECTOR NOTE

Install a video 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.

## TYPICAL OPTICOM FIELD WIRE DETAIL

*(input file, rear view)*




THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 04-0682T1
DESIGNED: November 2016
SEALED: 1/30/2017
REVISED:

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

ELECTRICAL DETAIL SHEET 1 OF 2 - Temporary Design 1 (Area 3 TMP Phase I)

ELECTRICAL AND PROGRAMMING DETAILS FOR:

US 301 Byp (N. Wesleyan Blvd)
at
SR 1598 (Independence Dr)
/ Ring Road

Division 04 Nash County Rocky Mount

PLAN DATE: November 2016 REVIEWED BY: MB Toth
PREPARED BY: AM Encarnacion REVIEWED BY:

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

Prepared for the Offices of:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Signals Management Section
750 N.Greenfield Pkwy,Garner,NC 27529

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 025892 ENGINEER MELISSA B. TOTH

DocuSigned by: Melissa B. Toth 1/30/2017
DOCUSIGNATURE DATE

SIG. INVENTORY NO. 04-0682T1

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