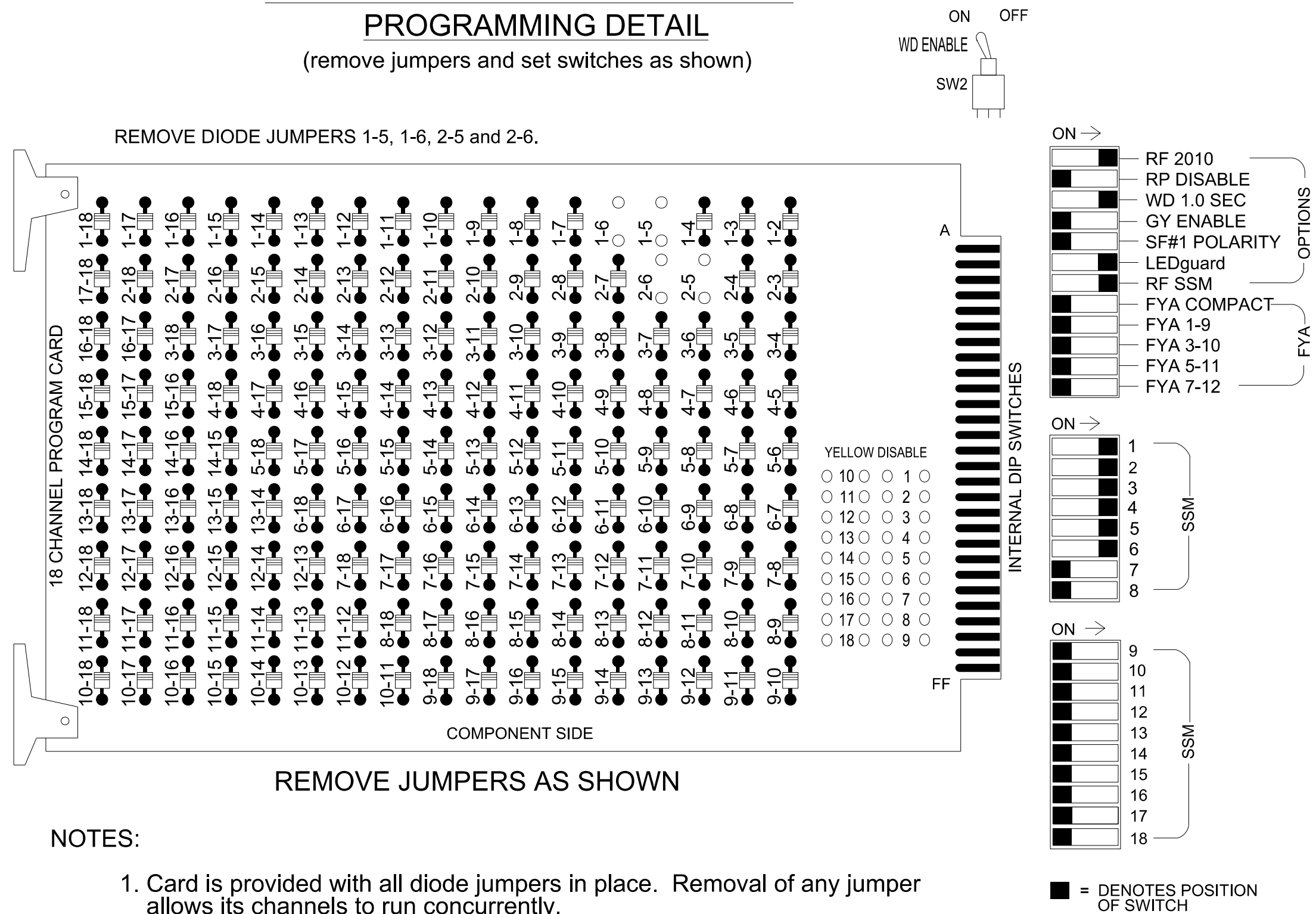


18 CHANNEL IP CONFLICT MONITOR

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 the Red Enable is active at all times during normal operation.
4. Integrate monitor with Ethernet network in cabinet.

NOTES

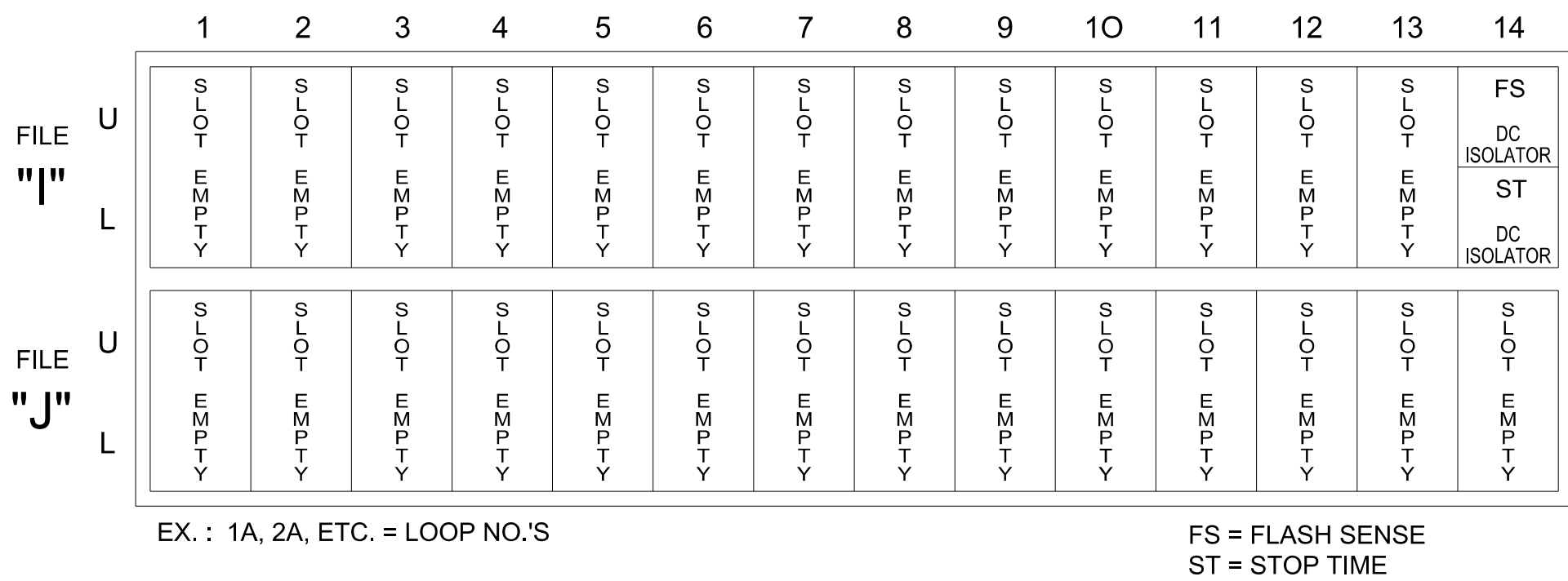
1. To prevent "flash-conflict" problems, insert red flash program blocks for all vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the signal plan.
2. Program controller to start up in phase 2 Green No Walk and 6 Green No Walk.
3. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
4. The cabinet and controller are part of the Goldsboro Signal System.

EQUIPMENT INFORMATION

Controller.....	2070LX
Cabinet.....	332
Software.....	Q-Free MAXTIME
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 "1".....	N/A
Overlap "2".....	N/A
Overlap "3".....	N/A
Overlap "4".....	N/A

INPUT FILE POSITION LAYOUT

(front view)



SPECIAL DETECTOR NOTE

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

MAXTIME STARTUP AND SOFTWARE FLASH PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Unit

Web Interface
Home > Controller > Unit

Modify parameters as shown below and save changes.

Start Up Parameters	Unit Flash Parameters
StartUp Clearance Hold	All Red Flash Exit Time
6	6

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	41	42	NU	51	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								132					
FLASHING YELLOW ARROW														
GREEN ARROW	127			118		103			133					

NU = Not Used

TMP Phase III
Temporary 2 Electrical Detail

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

Stantec Stantec Consulting Services Inc. 801 Jones Franklin Road-Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672	Electrical and Programming Details For: Prepared for the Offices of: STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION Systems Management Section 750 N. Greenfield Pkwy, Garner, NC 27529	US 13 (Berkeley Boulevard) at SR 1003 (New Hope Road) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Division 4</td> <td>Wayne County</td> <td>Goldsboro</td> </tr> <tr> <td>PLAN DATE:</td> <td>March 2025</td> <td>REVIEWED BY:</td> <td>D A Waller</td> </tr> <tr> <td>PREPARED BY:</td> <td>J Galloway</td> <td>REVIEWED BY:</td> <td>R M Muncey</td> </tr> <tr> <td colspan="2">REVISIONS</td> <td>INIT.</td> <td>DATE</td> </tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> <tr><td colspan="2"> </td><td> </td><td> </td></tr> </table>	Division 4		Wayne County	Goldsboro	PLAN DATE:	March 2025	REVIEWED BY:	D A Waller	PREPARED BY:	J Galloway	REVIEWED BY:	R M Muncey	REVISIONS		INIT.	DATE																																				
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Signed by: Jason Galloway 8/18/2025

1001E28404B46E
 SIGNATURE DATE

SIC. INVENTORY NO. 04-036772