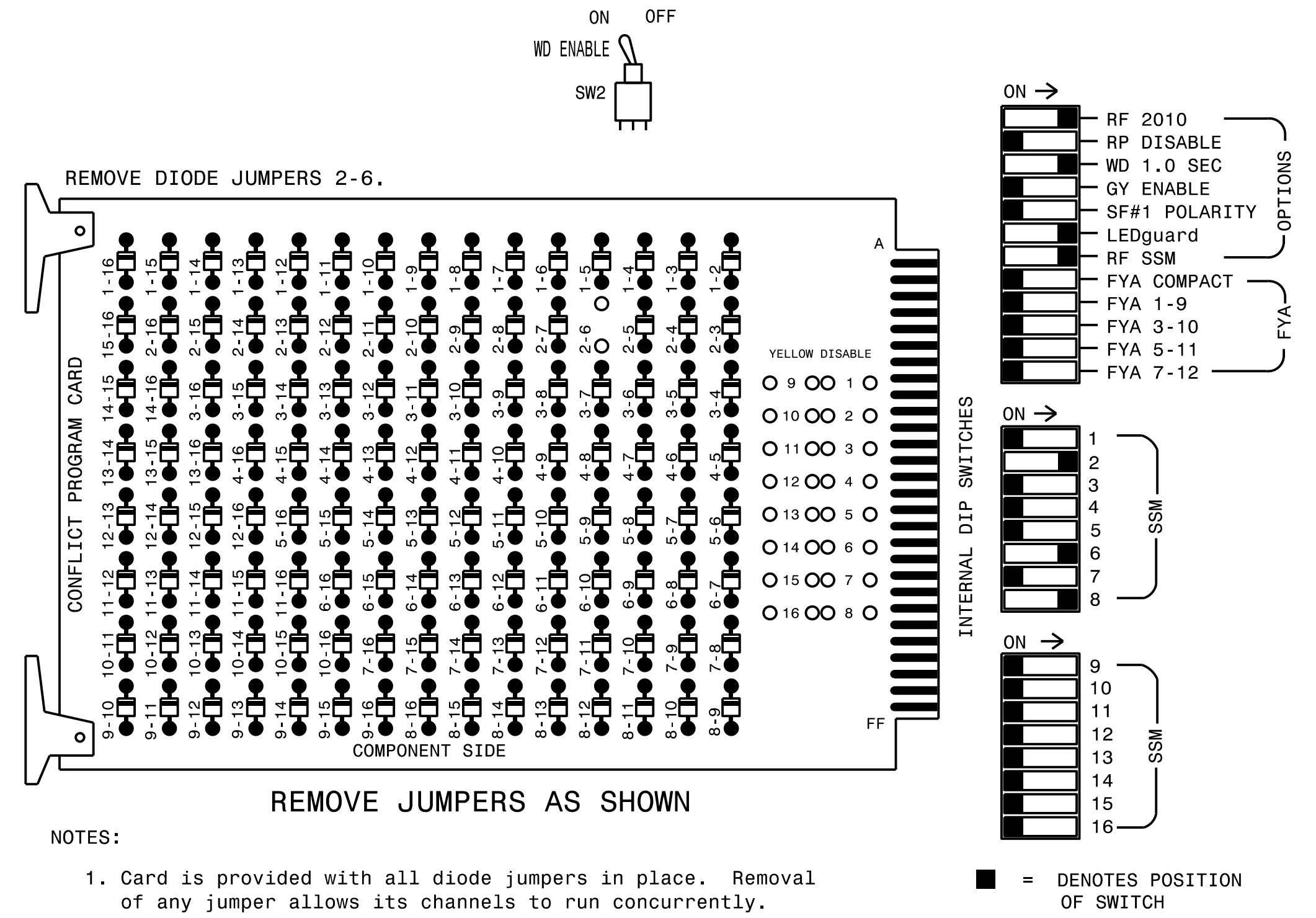


16 CHANNEL CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



- NOTES:
- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
 - Make sure jumpers SEL2-SEL5 are present on the monitor board.

NOTES

- 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.
- Program controller to start up in phase 2 Green No Walk and 6 Green No Walk.
- If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
- The cabinet and controller are part of the Salisbury Street Closed Loop System.

EQUIPMENT INFORMATION

CONTROLLER.....EXISTING 2070
 CABINET.....EXISTING 332
 McCAIN/CONTROL TECHNOLOGIES
 (DWG.NO.9500-332-NCDOT)

SOFTWARE.....Q-Free MAXTIME
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S2,S6 and S8
 PHASES USED.....2,6 and 8
 OVERLAPS.....NOT USED

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P		
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED		
SIGNAL HEAD NO.	NU	21,22	NU	NU	NU	NU	NU	61,62	NU	NU	81,82	83	22	NU
RED		128						134			107			
YELLOW		129						135						
GREEN		130						136						
RED ARROW											107			
YELLOW ARROW											108	108	108	
GREEN ARROW											109	109	109	

NU = Not Used

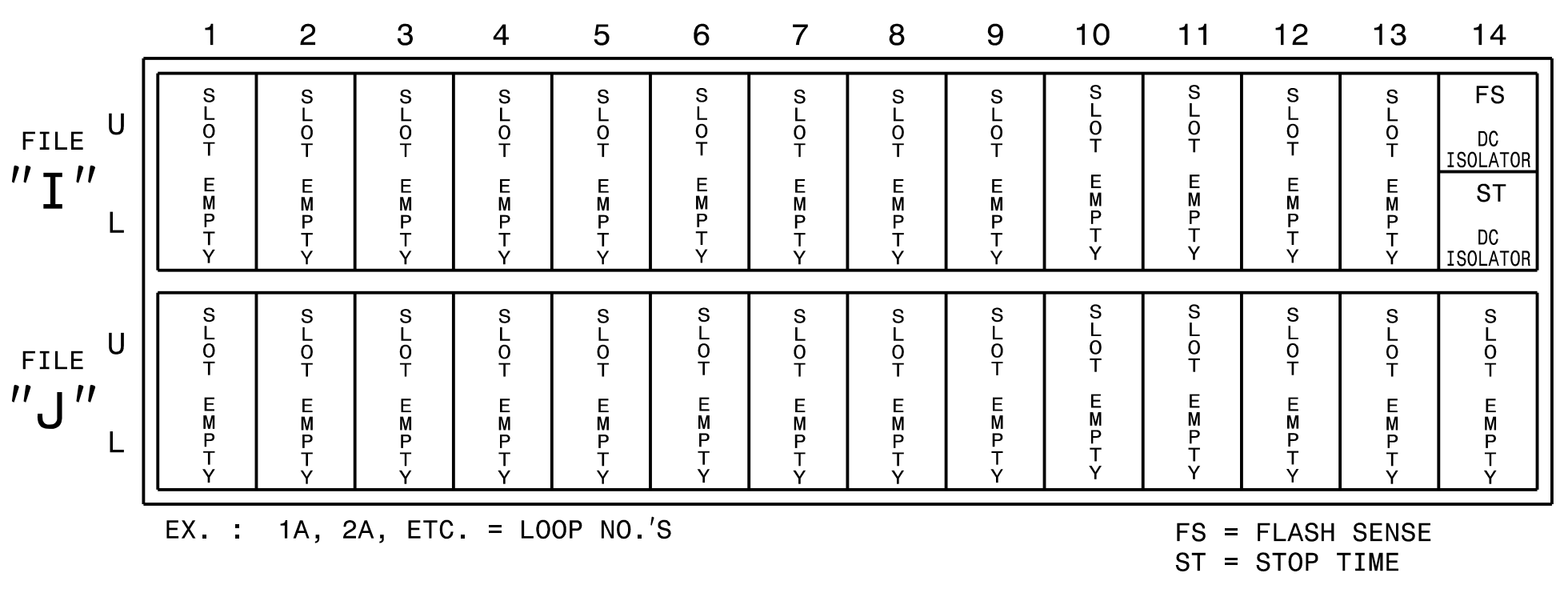
OUTPUT CHANNEL CONFIGURATION

Front Panel
 Main Menu >Controller >More>Channels>Channels Config

Web Interface
 Home >Controller >Advanced IO>Channels>Channels Configuration

INPUT FILE POSITION LAYOUT

(front view)



INPUT FILE CONNECTION & PROGRAMMING CHART

SPECIAL DETECTOR NOTE

Install a video detection system for zones 2A, 6A, 8A and 8B. 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.

MAXTIME STARTUP AND SOFTWARE FLASH PROGRAMMING DETAIL

Front Panel
 Main Menu >Controller >Unit

Web Interface
 Home >Controller >Unit

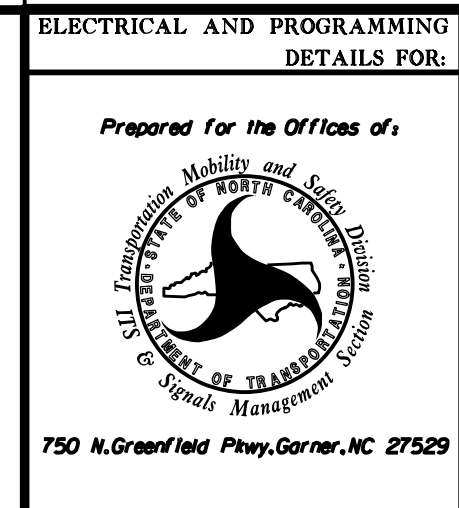
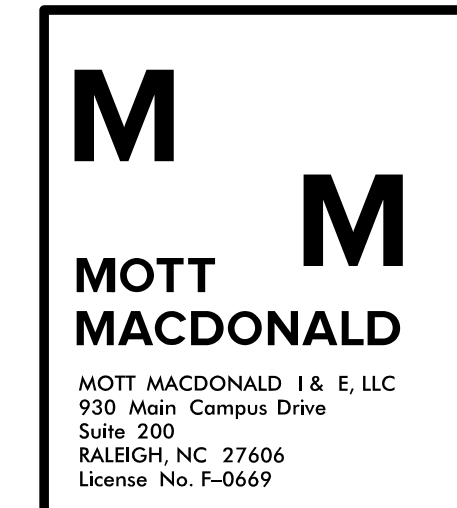
Modify parameters as shown below and save changes.

Start Up Parameters
 StartUp Clearance Hold
 6

Unit Flash Parameters
 All Red Flash Exit Time
 6

Electrical Detail: Sheet 1 of 1

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 08-0662T1
 DESIGNED: February 2026
 SEALED: March 11, 2026
 REVISED: N/A



NC 42 (E. Salisbury St)
 at
 SR 2237 (E. Salisbury St)

Division 8 Randolph County Asheboro

PLAN DATE: February 2026 REVIEWED BY: LD Stouchko

PREPARED BY: S O'Farrell REVIEWED BY:

REVISIONS INIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

SEAL 034437

LD Stouchko

11-Mar-2026

SIGNATURE DATE

SIG. INVENTORY NO. 08-0662T1