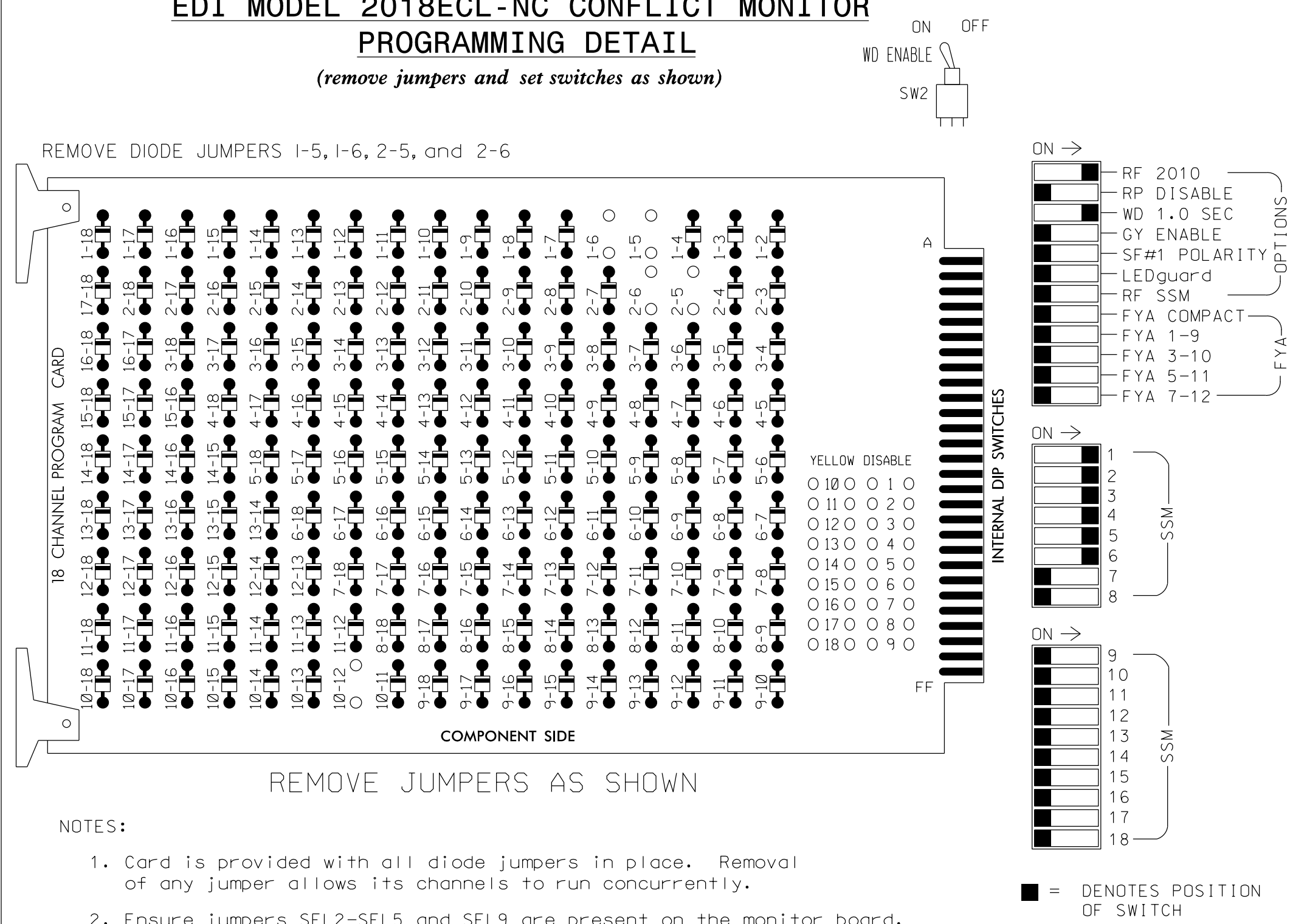


EDI MODEL 2018ECL-NC CONFLICT MONITOR PROGRAMMING DETAIL
(remove jumpers and set switches as shown)



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

NOTES

- 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.
- Enable simultaneous Gap-Out for all phases.
- Program phases 2 and 6 for Startup in Green.
- Program phase 6 for Startup Ped Call.
- Program phase 2 and 6 for Yellow Flash.
- If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.

EQUIPMENT INFORMATION

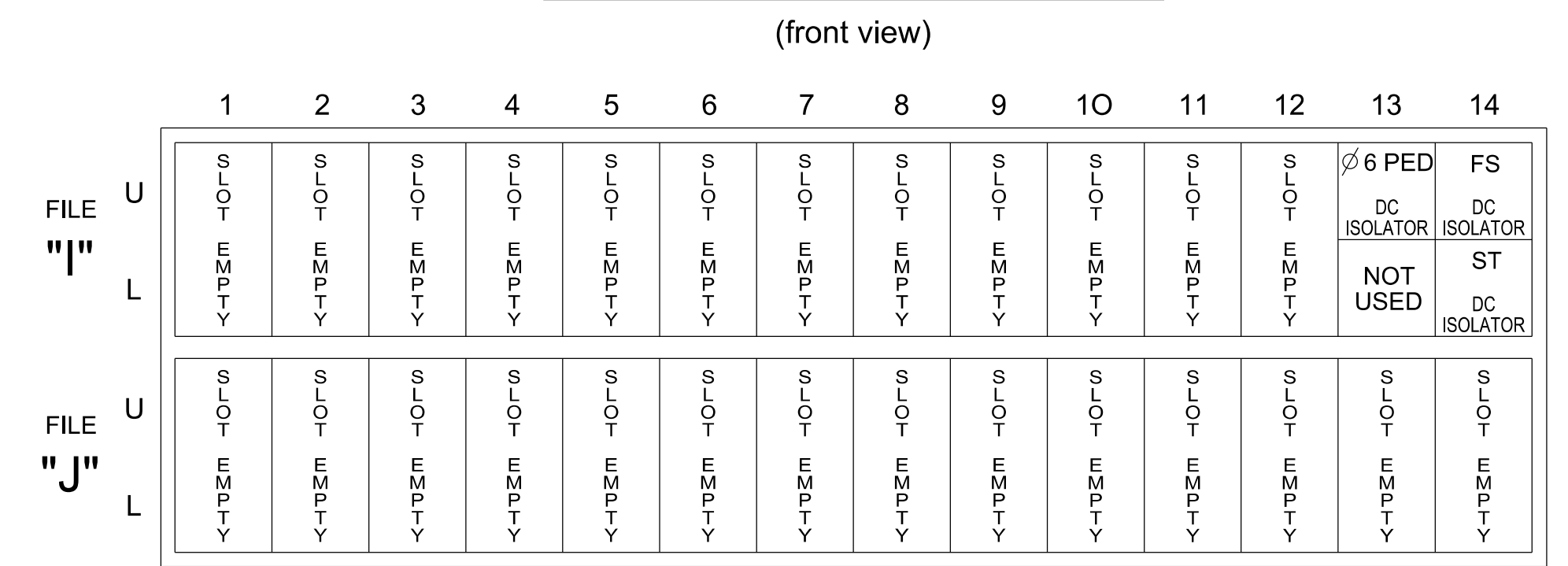
CONTROLLER.....2070
 CABINET.....332 W/ AUX
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6
 PHASES USED.....1,2,3,4,5,6,6PED
 OVERLAPS.....NONE

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P	S9	S10	S11	S12	S13	S14	
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE	
SIGNAL HEAD NO.	11,12	32	21,22	NU	22	31	32	41	42	62	NU	51	61,62	P61, P62	NU	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	126		117			102	132											
GREEN ARROW	127	127		118	118	103	103	133											
												119							
												121							

NU = Not Used

INPUT FILE POSITION LAYOUT

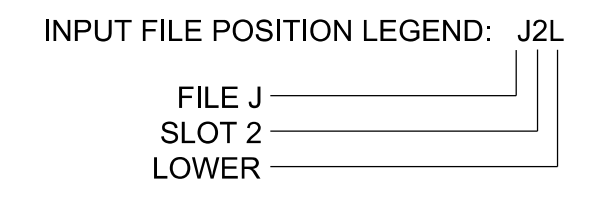


EX.: 1A, 2A, ETC. = LOOP NO.'S
 FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT POINT	DETECTOR NO.	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	QUEUE	CALL	DELAY DURING GREEN
PED PUSH BUTTONS													
P61,P62	TB8-7,9	I13U	68	34	6	PED 6							

NOTE:
 INSTALL DC ISOLATOR IN INPUT FILE SLOT I13.



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 11-1044T2
 DESIGNED: May 2023
 SEALED: 5/24/2023
 REVISED: N/A



COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

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.

Temporary Installation - Electrical Detail 1 of 1 (Phase 11)

ELECTRICAL AND PROGRAMMING DETAILS FOR:

US 421 - NC 16 at SR 1322 (Winkler Mill Road) / Stonecrest Oaks Pkwy

Division 11 Wilkes County Wilkesboro

PLAN DATE: May 2023 REVIEWED BY: M.L.Stygles
 PREPARED BY: S.R.Chiluka REVIEWED BY: J.Ma

REVISIONS: INIT. DATE

DocuSigned by: Matthew L. Stygles
 5/24/2023

SIG. INVENTORY NO. 11-1044T2

5/23/2019 3:15:01PM R:\Traffic\Signals\Design\Signals\90% Design Plans\Temporary Signal Design\U5312-11-1044T2-Ph 11-Sig -ele_Winkler Mill Rd.dgn