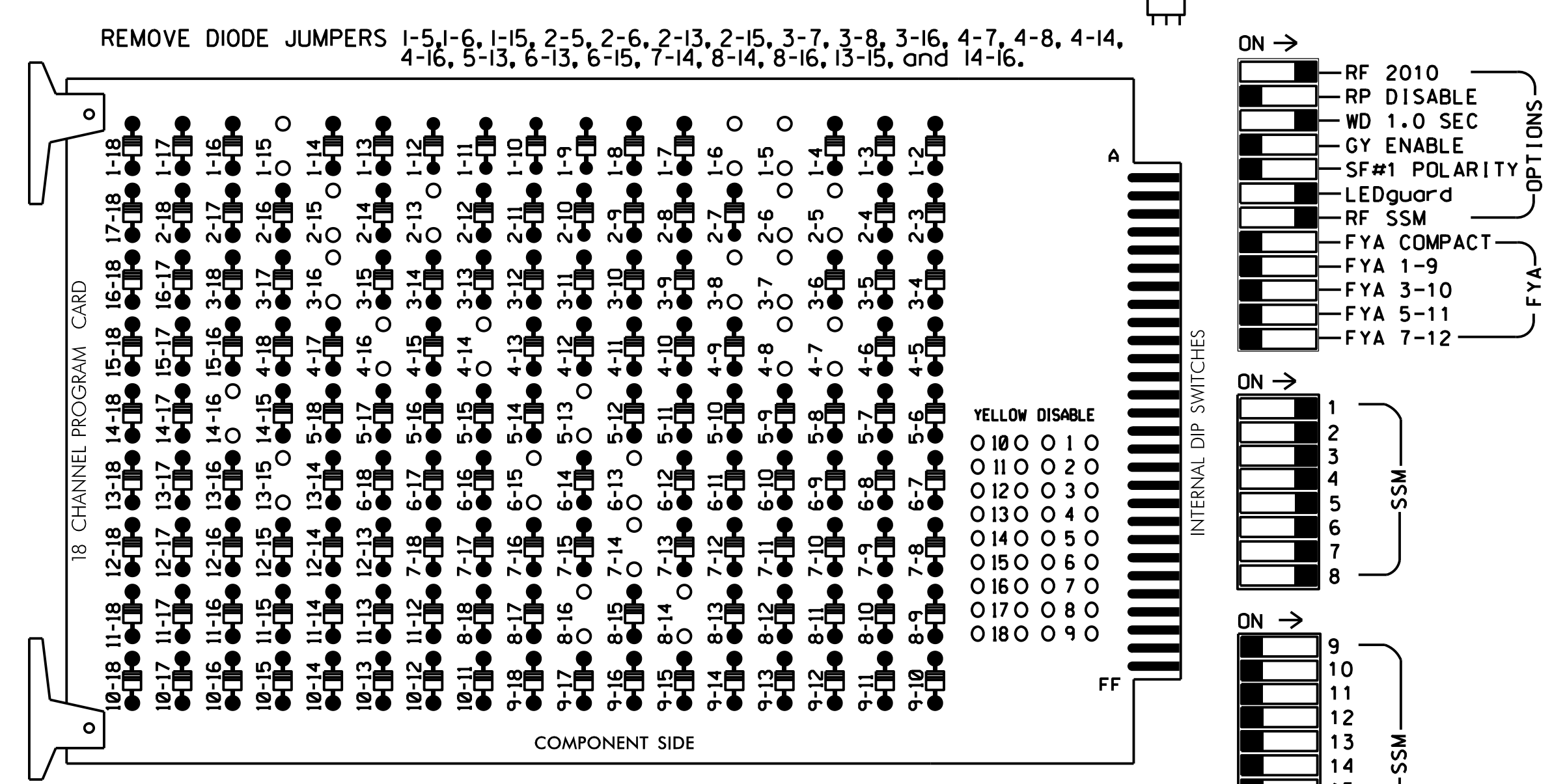


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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.
- Integrate monitor with Ethernet network in cabinet.

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.
- Program controller to start up in phase 2 WALK and phase 6 WALK.
- The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332 W/AUX
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6,S7,S8,
 S9,S10,S11,S12
 PHASES USED.....1,2,2PED,3,4,4PED,5,6,
 6PED,7,8,8PED
 OVERLAP A.....NOT USED
 OVERLAP B.....NOT USED
 OVERLAP C.....NOT USED
 OVERLAP D.....NOT USED

SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6				
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18				
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	82	21,22	P21, P22	31,32	22	41,42	P41, P42	51	42	61,62, 63	P61, P62	71,72	63	81,82	P81, P82	NU	NU	NU	NU	NU	NU
RED			128				101					134							107			
YELLOW			129				102					135							108			
GREEN			130				103					136							109			
RED ARROW	125						116					131							122			
YELLOW ARROW	126	126					117	117				132	132						123	123		
GREEN ARROW	127	127					118	118				133	133						124	124		
Hand							113					104							119			110
Walking							115					106							121			112

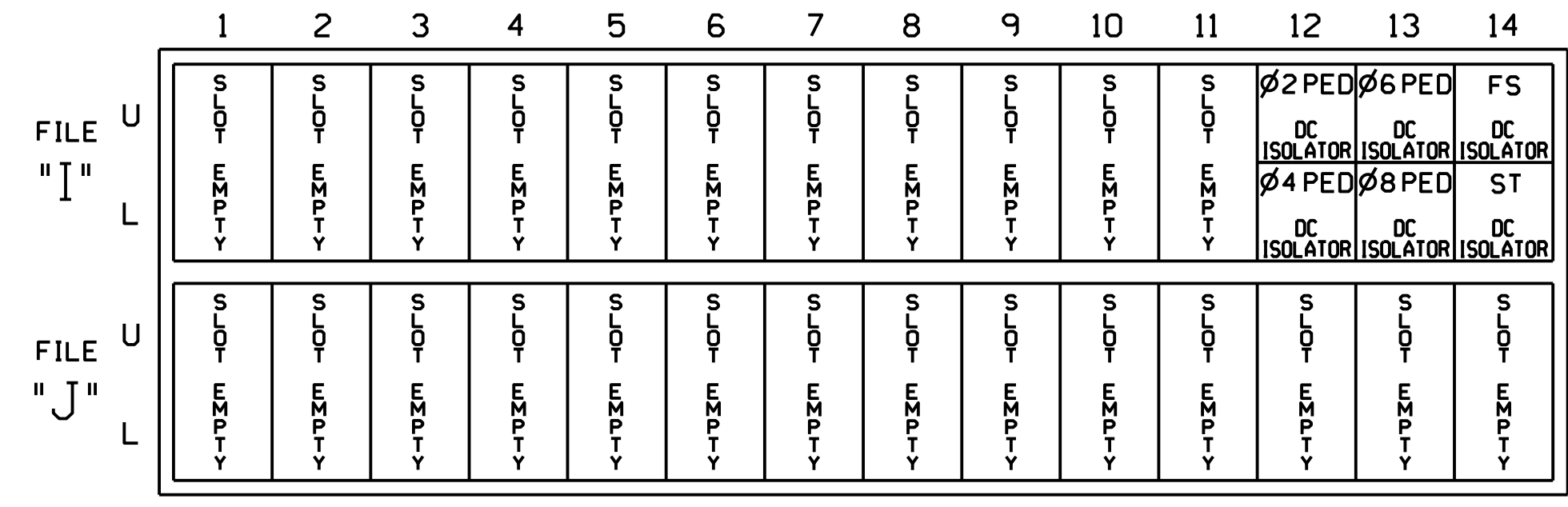
NU = Not Used

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.

INPUT FILE POSITION LAYOUT

(front view)



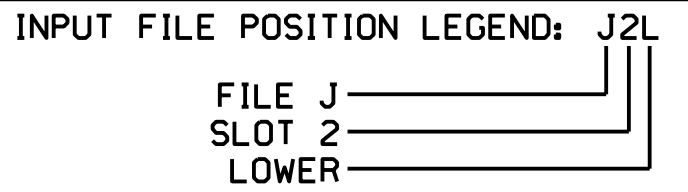
EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE
PED PUSH BUTTONS					
P21,P22	T88-4,6	I12U	67	PED 2	2 PED
P41,P42	T88-5,6	I12L	69	PED 4	4 PED
P61,P62	T88-7,9	I13U	68	PED 6	6 PED
P81,P82	T88-8,9	I13L	70	PED 8	8 PED

NOTE:
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.



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 Design 3 - TMP Phase III
 Electrical Detail

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0596T3
 DESIGNED: June 2019
 SEALED: 6/5/2019
 REVISED: N/A

DATE: U:\Projects\Signal\Signal\Temporary_Signals\U-4405A\Sigs\sig.dwg, 06-0596T3.dgn User: jhombert

ELECTRICAL AND PROGRAMMING DETAILS FOR:		US 401 (Raeford Road) at SR 1104 (Strickland Bridge Road)	
Prepared In the Office of:	Division 6	Cumberland County	Fayetteville
PLAN DATE: June 2019	REVIEWED BY: L Overn	PREPARED BY: M RG WILSON	REVIEWED BY:
REVISIONS	INIT.	DATE	

DOCUMENT NOT CONSIDERED VALID UNLESS ALL SIGNATURES COMPLETED

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 LAWRENCE E. OVERN
 License No. 045933

6/5/2019
 DATE
 SIGNATURE
 DATE
 SIG. INVENTORY NO. 06-0596T3