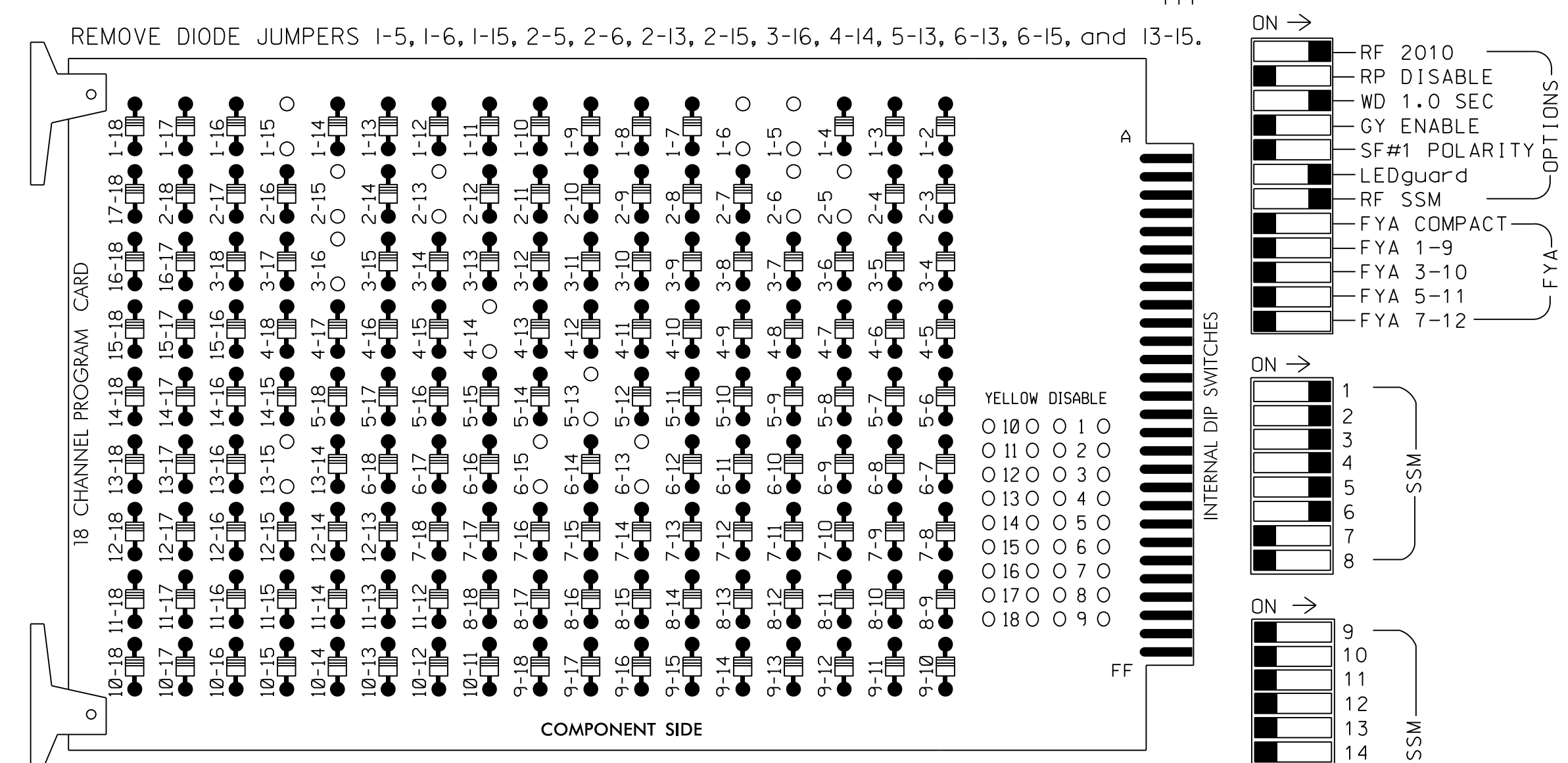


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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 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. Program controller to start up in phase 2 WALK and 6 WALK.
3. The cabinet and controller are part of the Fayetteville 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	3 PED						
SIGNAL HEAD NO.	11	32	21,22,23	P21, P22	31	32	41	42	43	63	P41, P42	51	43	61,62,63	P61, P62	NU	NU	P31, P32
RED			128	116	116	101	101							134				
YELLOW			129	117	117	102	102							135				
GREEN			130	118	118	103	103							136				
RED ARROW	125					101							131					
YELLOW ARROW	126	126				102			102				132	132				
GREEN ARROW	127	127				118	103	103	103				133	133				
Hand											113						119	110
Walker												115					121	

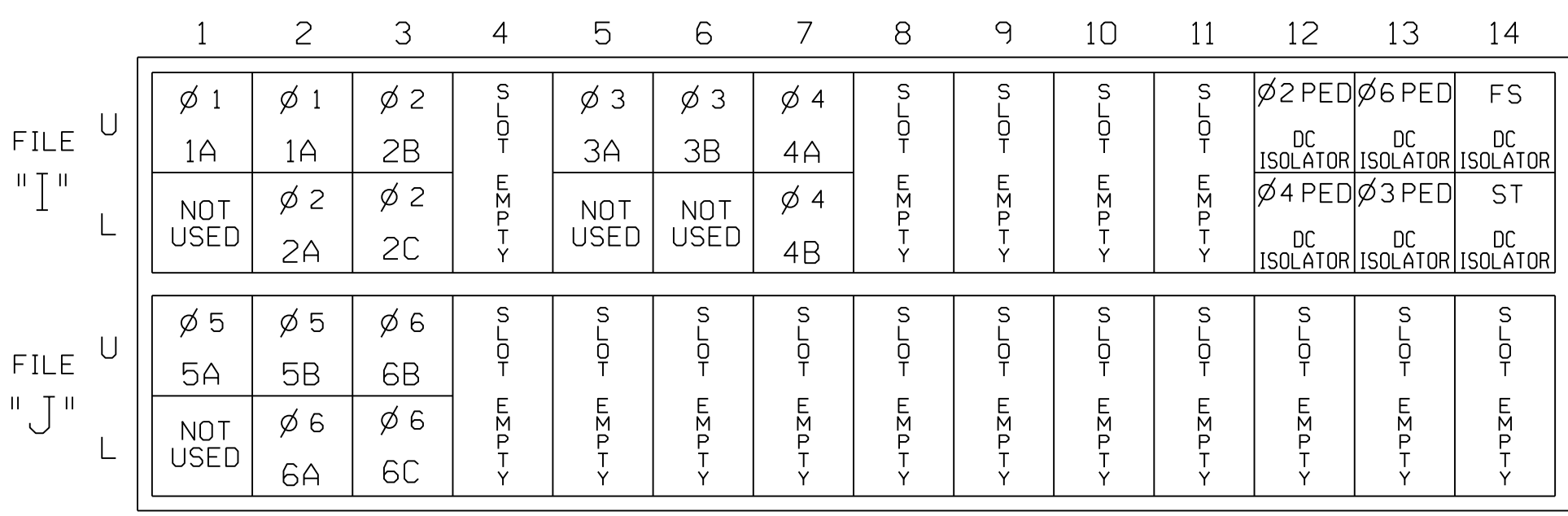
NU = Not Used

EQUIPMENT INFORMATION

CONTROLLER.....2070
 CABINET.....332
 SOFTWARE.....ECONOLITE ASC/3-2070
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....S1,S2,S3,S4,S5,S6,S7,
 S8,S9,S12
 PHASES USED.....1,2,2PED,3,3PED,4,
 4PED,5,6,6PED
 OVERLAPS.....NONE

INPUT FILE POSITION LAYOUT

(front view)



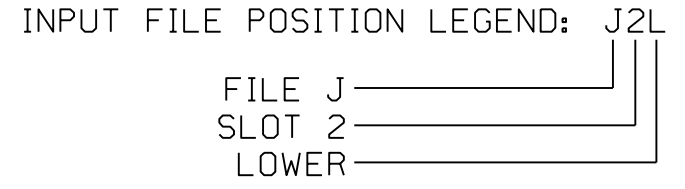
EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	ADDED INITIAL	DETECTOR TYPE
1A	TB2-1,2	I1U	56	1	1	YES				S
1B	TB2-5,6	I2U	39	1	1	YES		15		S
2A	TB2-7,8	I2L	43	2	2	YES			X	N
2B	TB2-9,10	I3U	63	12	2	YES			X	N
2C	TB2-11,12	I3L	76	32	2	YES			X	N
3A	TB4-5,6	I5U	58	3	3	YES		3		S
3B	TB4-9,10	I6U	41	4	3	YES				S
4A	TB6-1,2	I7U	65	34	4	YES		3		S
4B	TB6-3,4	I7L	78	44	4	YES				S
5A	TB3-1,2	J1U	55	5	5	YES				S
5B	TB3-5,6	J2U	40	5	5	YES		15		S
6A	TB3-7,8	J2L	44	6	6	YES			X	N
6B	TB3-9,10	J3U	64	16	6	YES			X	N
6C	TB3-11,12	J3L	77	36	6	YES			X	N

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



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.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0327
 DESIGNED: March 2018
 SEALED: 03-29-2018
 REVISED: N/A

Final Design
 Electrical Detail - Sheet 1 of 2

US 401 Bus. (Raeford Road) at Ferncreek Drive / Roxie Avenue

Division 6 Cumberland County Fayetteville

PLAN DATE: March 2018 REVIEWED BY: L Overn

PREPARED BY: G B Spell REVIEWED BY:

REVISIONS	INIT.	DATE

SEAL

STATE OF NORTH CAROLINA

PROFESSIONAL ENGINEER

LAURENCE E. OVERN

3/29/2018

SIG. INVENTORY NO. 06-0327

DATE: U:\Projects\Signal\Signal\electrical\Detail\sig-4405.s1.dwg, el_06-0327.dwg User: rrmuncy

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED