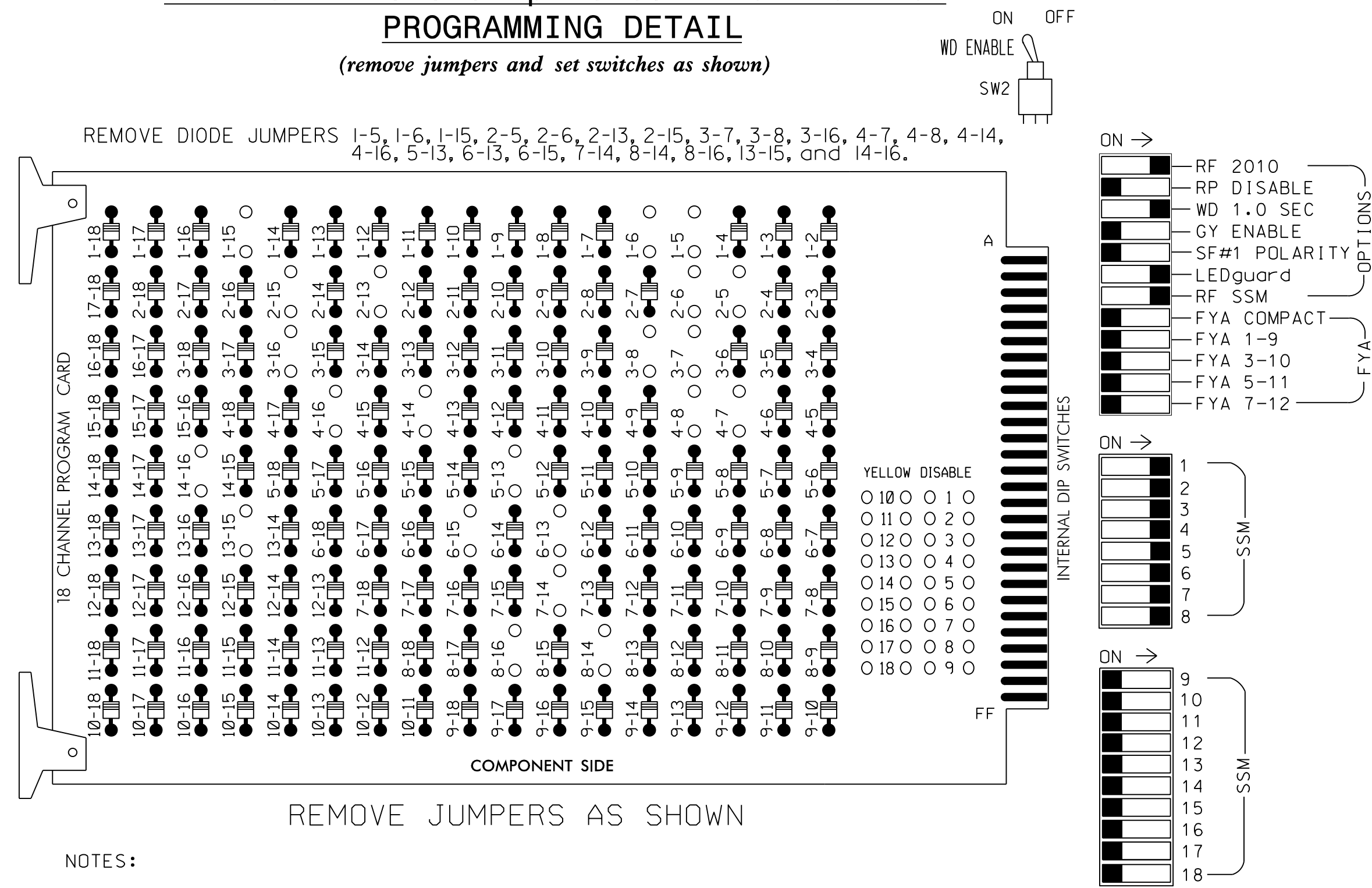


### EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



### 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. CMU CHANNEL 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	
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, 23	P21, P22	31,32	23	41,42	P41, P42	51	42	61,62, 63	P61, P62	71,72	63	81,82	P81, P82	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 icon				113			104				119							110	
Walking person icon				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)

FILE "I"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	ø 1	ø 1	ø 2	ø 3	ø 4	ø 5	ø 6	ø 7	ø 8	ø 9	ø 10	ø 11	ø 12	ø 13
	1A	1C	2B	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A	13A
	ø 1	ø 2	ø 2	ø 3	NOT USED	ø 5	ø 6	ø 7	ø 8	ø 9	ø 10	ø 11	ø 12	ø 13
	1B	2A	2C	3B	4B	5B	6B	7B	8B	9B	10B	11B	12B	13B
FILE "J"	NOT USED	ø 6	ø 6	ø 7	ø 8	ø 9	ø 10	ø 11	ø 12	ø 13	ø 14	ø 15	ø 16	ø 17
	6A	6C	7C	8C	9C	10C	11C	12C	13C	14C	15C	16C	17C	18C

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

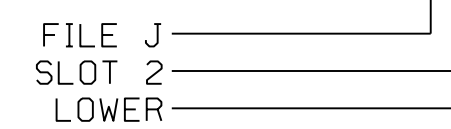
FS = FLASH SENSE  
 ST = STOP TIME

### 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	TB2-3,4	I1L	56	1	1	YES				S
1C	TB2-5,6	I2U	39	2	1	YES		15		S
2A	TB2-7,8	I2L	43	12	2	YES			X	N
2B	TB2-9,10	I3U	63	32	2	YES			X	N
2C	TB2-11,12	I3L	76	42	2	YES			X	N
3A	TB4-5,6	I5U	58	3	3	YES				S
3B	TB4-7,8	I5L	58	3	3	YES				S
4A	TB4-9,10	I6U	41	4	4	YES				S
5A	TB3-1,2	J1U	55	5	5	YES				S
5B	TB3-5,6	J2U	40	6	5	YES		15		S
6A	TB3-7,8	J2L	44	16	6	YES			X	N
6B	TB3-9,10	J3U	64	36	6	YES			X	N
6C	TB3-11,12	J3L	77	46	6	YES			X	N
7A	TB5-5,6	J5U	57	7	7	YES		3		S
7B	TB5-9,10	J6U	42	8	7	YES				S
8A	TB5-11,12	J6L	46	18	8	YES				S
PED PUSH BUTTONS										
P21,P22	TB8-4,6	I12U	67	PED 2	2 PED					
P41,P42	TB8-5,6	I12L	69	PED 4	4 PED					
P61,P62	TB8-7,9	I13U	68	PED 6	6 PED					
P81,P82	TB8-8,9	I13L	70	PED 8	8 PED					

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

INPUT FILE POSITION LEGEND: J2L



Final Design  
 Electrical Detail

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ELECTRICAL AND PROGRAMMING  
 DETAILS FOR:  
 Prepared in the Offices of:  
  
 750 N. Greenfield Pkwy, Garner, NC 27529

US 401 (Raeford Road)  
 at  
 SR 1104 (Strickland Bridge Road)  
 Division 6 Cumberland County Fayetteville  
 PLAN DATE: March 2018 REVIEWED BY: L Overn  
 PREPARED BY: M RG WILSON REVIEWED BY:  
 REVISIONS: INIT. DATE

SEAL  
 NORTH CAROLINA  
 PROFESSIONAL  
 SEAL  
 045933  
 ENGINEER  
 LAWRENCE E. OVERN III  
 3/29/2018  
 SIG. INVENTORY NO. 06-0596

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED