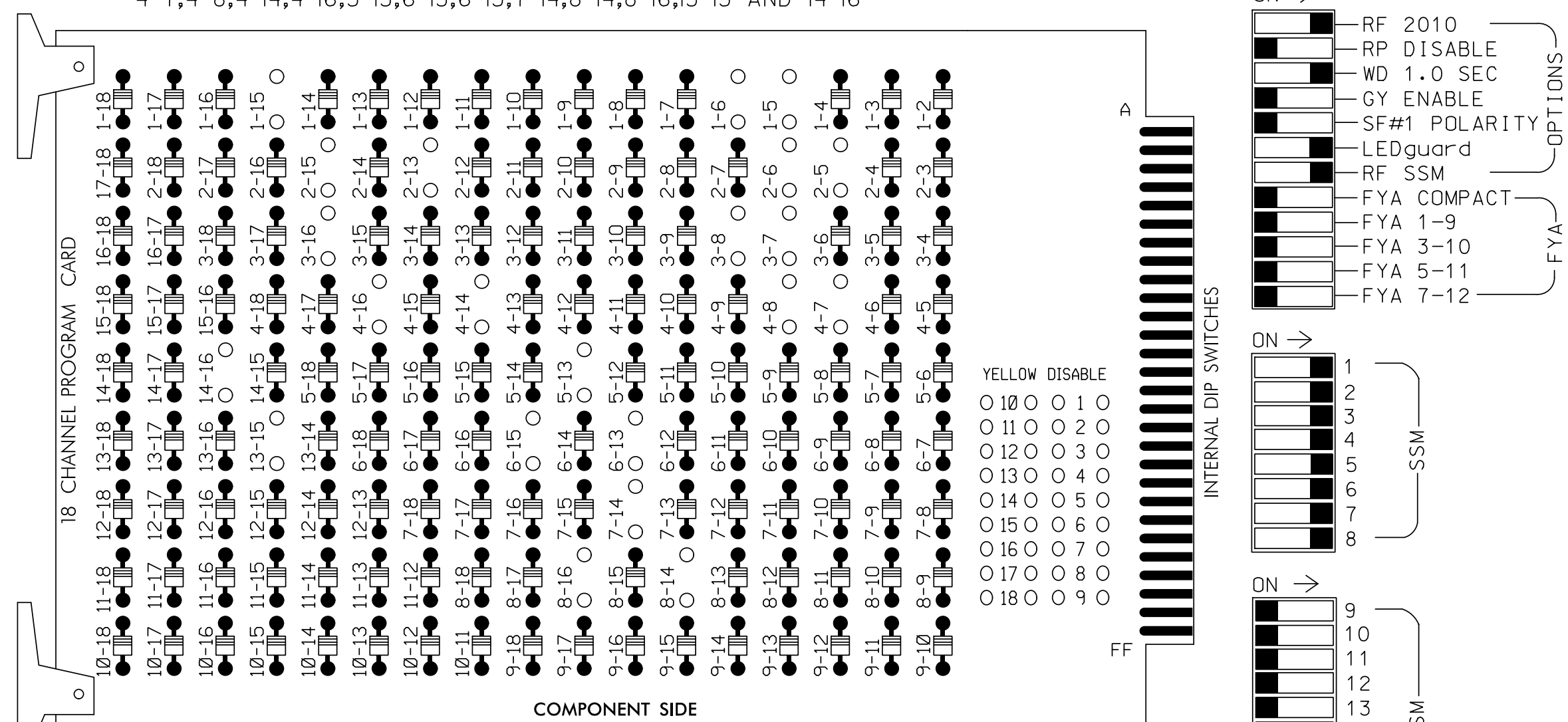


EDI MODEL 2018EClip-NC CONFLICT MONITOR
PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS: J-5,1-6,1-15,2-5,2-6,2-13,2-15,3-7,3-8,3-16,
 4-7,4-8,4-14,4-16,5-13,6-13,6-15,7-14,8-14,8-16,13-15 AND 14-16



REMOVE JUMPERS 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. Enable Simultaneous Gap-Out for all phases.
- 3. Program phases 2 and 6 for volume density operation.
- 4. Program controller to start up in phase 2 Walk and 6 Walk.
- 5. The cabinet and controller are part of the Fayetteville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 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,S10,S11,S12
 PHASES USED.....1,2,2PED,3,4,4PED,5,6,6PED,7,8,8PED
 OVERLAPS.....NONE

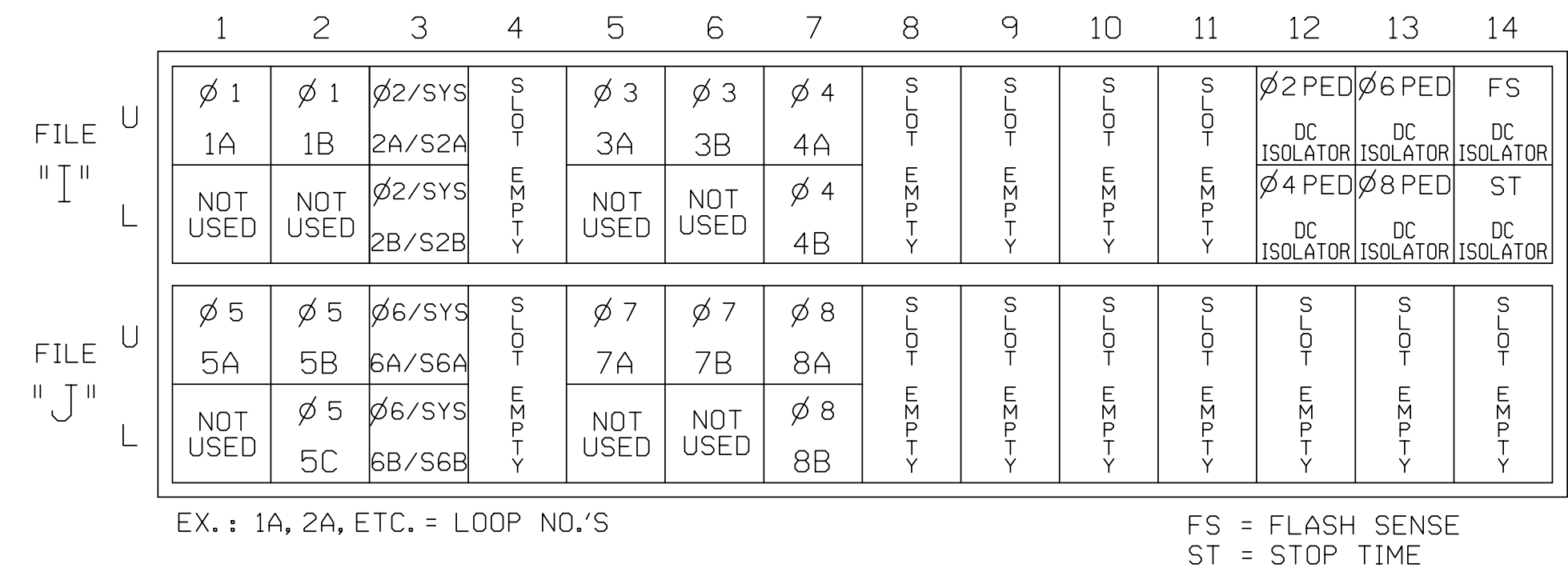
SIGNAL HEAD HOOK-UP CHART

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	8 PED			
SIGNAL HEAD NO.	11	82	21,22	P21 P22	31,32	41,42	P41 P42	42	51,52	61,62	P61 P62	62	71,72	81,82	P81 P82
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			132	132			123	123			
GREEN ARROW	127	127		118			133	133			124	124			
Hand				113			104				119				110
Walker				115			106				121				112

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



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

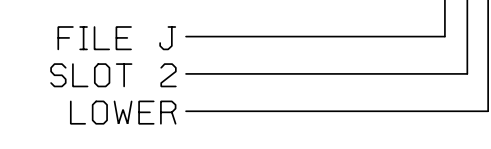
FS = FLASH SENSE
 ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND TIME	DELAY TIME	DETECTOR TYPE
1A	TB2-1,2	I1U	56	1	1	YES			S
1B	TB2-5,6	I2U	39	2	1	YES		15	S
2A/S2A	TB2-9,10	I3U	63	32	2/SYS	YES			N
2B/S2B	TB2-11,12	I3L	76	42	2/SYS	YES			N
3A	TB4-5,6	I5U	58	3	3	YES			S
3B	TB4-9,10	I6U	41	4	3	YES			S
4A	TB6-1,2	I7U	65	34	4	YES			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	6	5	YES			S
5C	TB3-7,8	J2L	44	16	5	YES		15	S
6A/S6A	TB3-9,10	J3U	64	36	6/SYS	YES			N
6B/S6B	TB3-11,12	J3L	77	46	6/SYS	YES			N
7A	TB5-5,6	J5U	57	7	7	YES			S
7B	TB5-9,10	J6U	42	8	7	YES			S
8A	TB7-1,2	J7U	66	38	8	YES			S
8B	TB7-3,4	J7L	79	48	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



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: 06-0455
 DESIGNED: June 2016
 SEALED: 7/6/2016
 REVISED:

Electrical Detail

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

 Prepared For: Transportation Mobility and Safety Division STATE OF NORTH CAROLINA Department of Transportation Signal Management Section	NC 162 (Elk Road) at SR 1132 (Legion Road)	SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 032607 STACIE L. PHILLIPS
Division 6 PLAN DATE: July 2016 PREPARED BY: SP Pennington	Cumberland County Hope Wills REVIEWED BY: SL Phillips REVIEWED BY: KB Baumann	SEALS REVISIONS INIT. DATE

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9/16/2016
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 Susan Pennington

SIG. INVENTORY NO. 06-0455