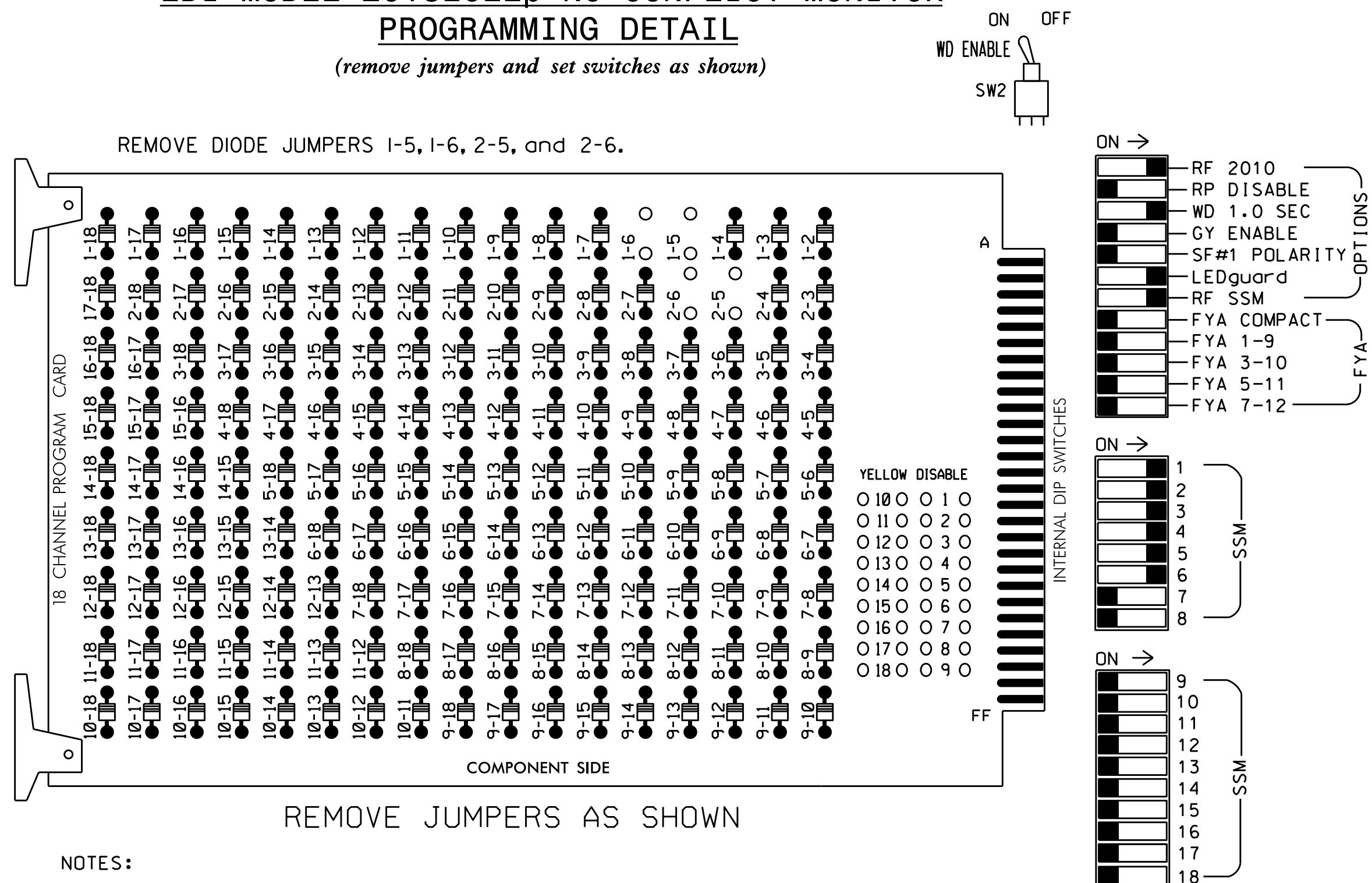


EDI MODEL 2018EClip-NC CONFLICT MONITOR

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. Enable Simultaneous Gap-Out for all phases.
3. Program controller to start up in phase 2 Green and 6 Green.
4. 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			
CHU 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	21,22	NU	31	32	41	42	NU	42	51	61,62	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									132	132				
GREEN ARROW	127			118		103			133	133					

NU = Not Used

EQUIPMENT INFORMATION

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

ECONOLITE ASC/3-2070 VEHICLE DETECTOR

SETUP PROGRAMMING DETAIL

(program controller as shown)

1. From Main Menu select **6. DETECTORS**
2. From DETECTOR Submenu select **2. VEHICLE DETECTOR SETUP**

- Place cursor in VEH DETECTOR [] position and enter "6".
- Set Cross Switch Ph. to "4".

```

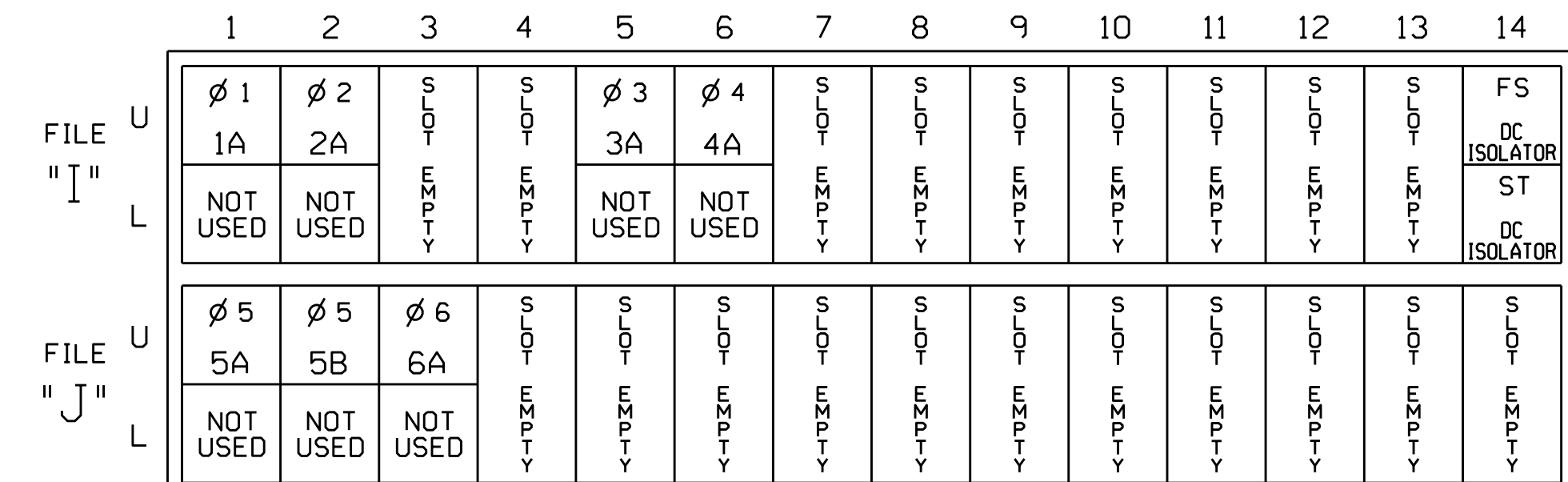
VEH DETECTOR [ 6 ]  VEH DET PLAN [ 1 ]
TYPE: N-NTCIP
TS2 DETECTOR..... ECPI LOG..... NO
DET PH - 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
6 5 .....
CALL OPTION... YES DELAY TIME... 15.0
EXT OPTION. PASSAGE EXTENSION TIME. 0.0
USE ADDED INITIAL . CROSS SWITCH PH.. 4
LOCK IN..... NONE NTCIP VOL . OR OCC .
PMT QUEUE DELAY. NO
    
```

END PROGRAMMING

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0580
 DESIGNED: June 2016
 SEALED: 8/2/2016
 REVISED: N/A

INPUT FILE POSITION LAYOUT

(front view)



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

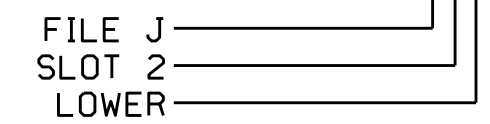
FS = FLASH SENSE
 ST = STOP TIME

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
2A	TB2-5,6	I2U	39	2	2	YES			S
3A	TB4-5,6	I5U	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	N
6A	TB3-9,10	J3U	64	36	6	YES			S

★ Enable detector 6 as a Cross Switch detector and program its cross switch phase as phase 4 per the Vehicle Detector Setup Programming Detail shown on this sheet.

INPUT FILE POSITION LEGEND: J2L



Electrical Detail

Electrical and Programming Details for: **SR 1112 (Rockfish Road) at SR 1115 (Golfview Road)**

Prepared In the Offices of: **TRANSPORTATION MOBILITY AND SAFETY CONSULTANTS, INC.**

750 N. Greenfield Pkwy, Garner, NC 27529

Division 6 Cumberland County Hope Mills

PLAN DATE: July 2016 REVIEWED BY: BAS

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: **Keith M. Mims** 8/4/2016

SIG. INVENTORY NO. 06-0580

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

06-0580-2016-152.1
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