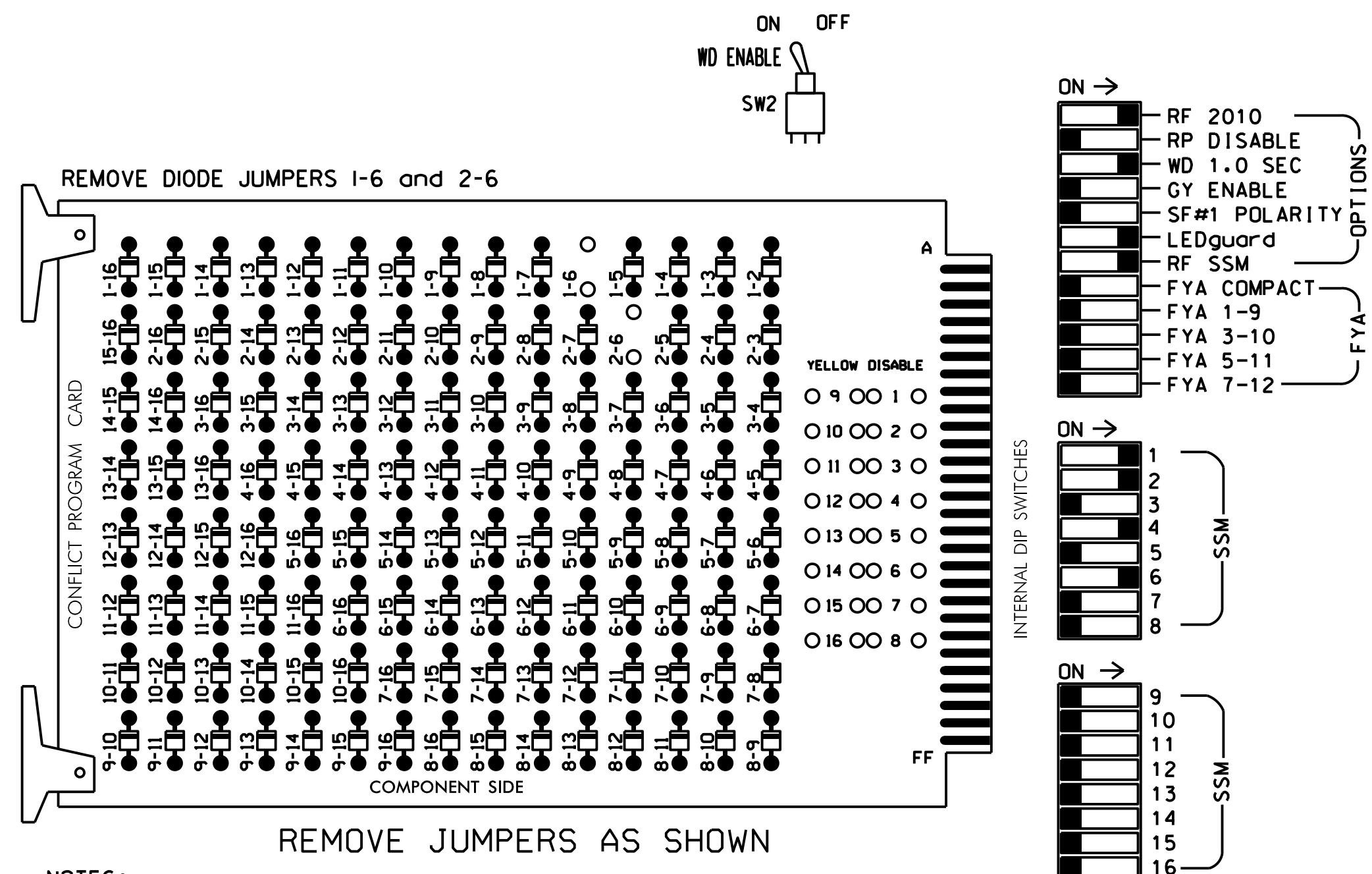


**EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL**

(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. Make sure jumpers SEL2-SEL5 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 Startup In Green.
4. Program phases 2 and 6 for Yellow Flash.
5. The cabinet and controller are part of the High Point Signal System.

**EQUIPMENT INFORMATION**

CONTROLLER.....2070  
 CABINET.....332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S5,S8  
 PHASES USED.....1,2,4,6  
 OVERLAPS.....NONE

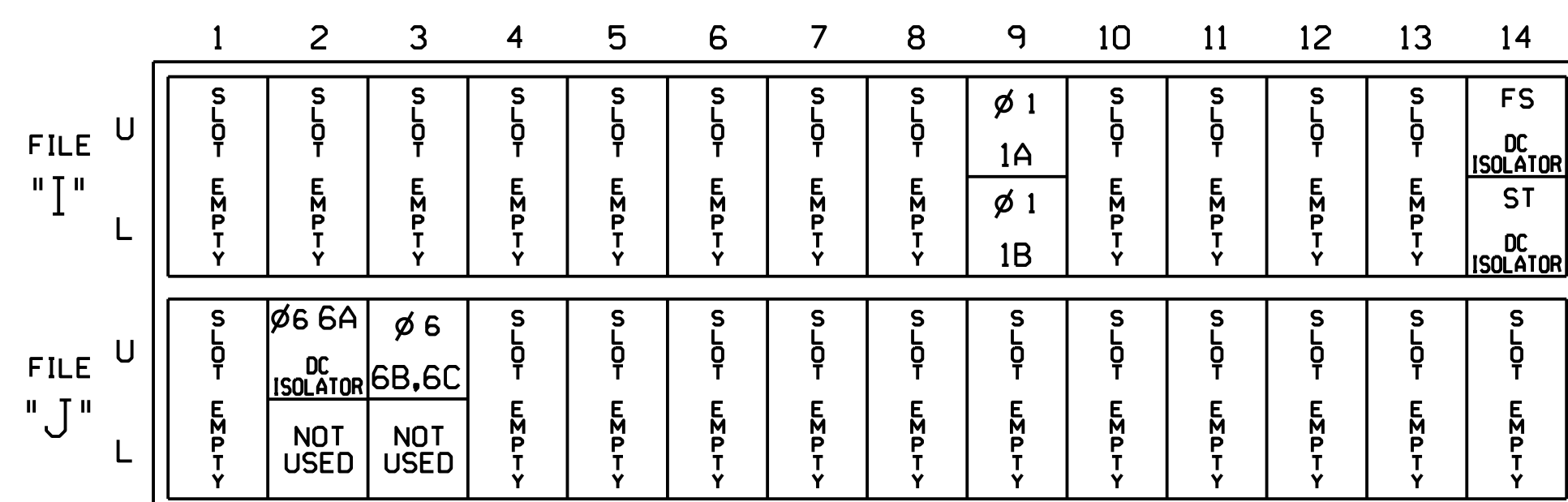
**SIGNAL HEAD HOOK-UP CHART**

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.	11,12	21	22	NU	NU	41	42	NU	NU	61,62	NU	NU
RED		128	128			101	101			134		
YELLOW		129	129			102	102			135		
GREEN			130			103	103					
RED ARROW	125											
YELLOW ARROW	126											
GREEN ARROW	127	130				103				136		

NU = Not Used

**INPUT FILE POSITION LAYOUT**

(front view)



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

FS = FLASH SENSE  
 ST = STOP TIME

\* Note: Install a model 242 DC isolator in slot J2 for use with microwave detector. See the Microwave Detector Wiring Detail on sheet 2.

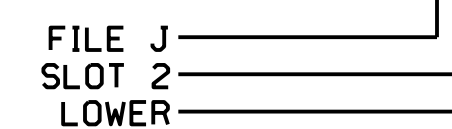
IMPORTANT: For proper operation of the microwave detector, remove surge protection from TB3-5 and TB3-6, and from TB3-7 and TB3-8.

**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP/ZONE NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB6-9,10	I9U	60	22	11	1	Y	Y			3
1B	TB6-11,12	I9L	62	24	13	1	Y	Y			
★ 6A	TB3-5,6	J2U	40	2	6	6	Y	Y		1.6	
6B,6C	TB3-9,10	J3U	64	26	36	6	Y	Y			

\* Microwave Pulse Detector (See Wiring Detail Sheet 2).

**INPUT FILE POSITION LEGEND: J2L**



**SPECIAL DETECTOR NOTE**

Install a multiple zone microwave detection system for vehicle detection zones 2A, 2B, 4A, 4B, 4C, S1, and S2. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

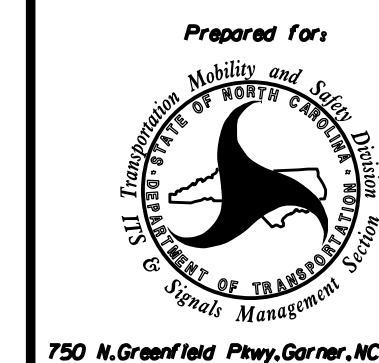
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1624T1  
 DESIGNED: May 2018  
 SEALED: May 18, 2018  
 REVISED: N/A

Project #: 170908



Temporary Design 1; TMP-6  
 Electrical Detail Sheet 1 of 2

ELECTRICAL AND PROGRAMMING DETAILS FOR:



NC 68 (Eastchester Drive)  
 at  
 I-74 EB/ US 311 SB Ramps

Division 7	Guilford County	High Point
PLAN DATE: May 2018	REVIEWED BY: L. Boyer	
PREPARED BY: A. Ravipati	REVIEWED BY: R. Hinshaw	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

STATE OF NORTH CAROLINA  
 PROFESSIONAL ENGINEER  
 R. ROYAL HINSHAW

DocuSigned by:  
 R. Royal Hinshaw  
 05/18/2018

SIGNATURE DATE

SIG. INVENTORY NO. 07-1624T1