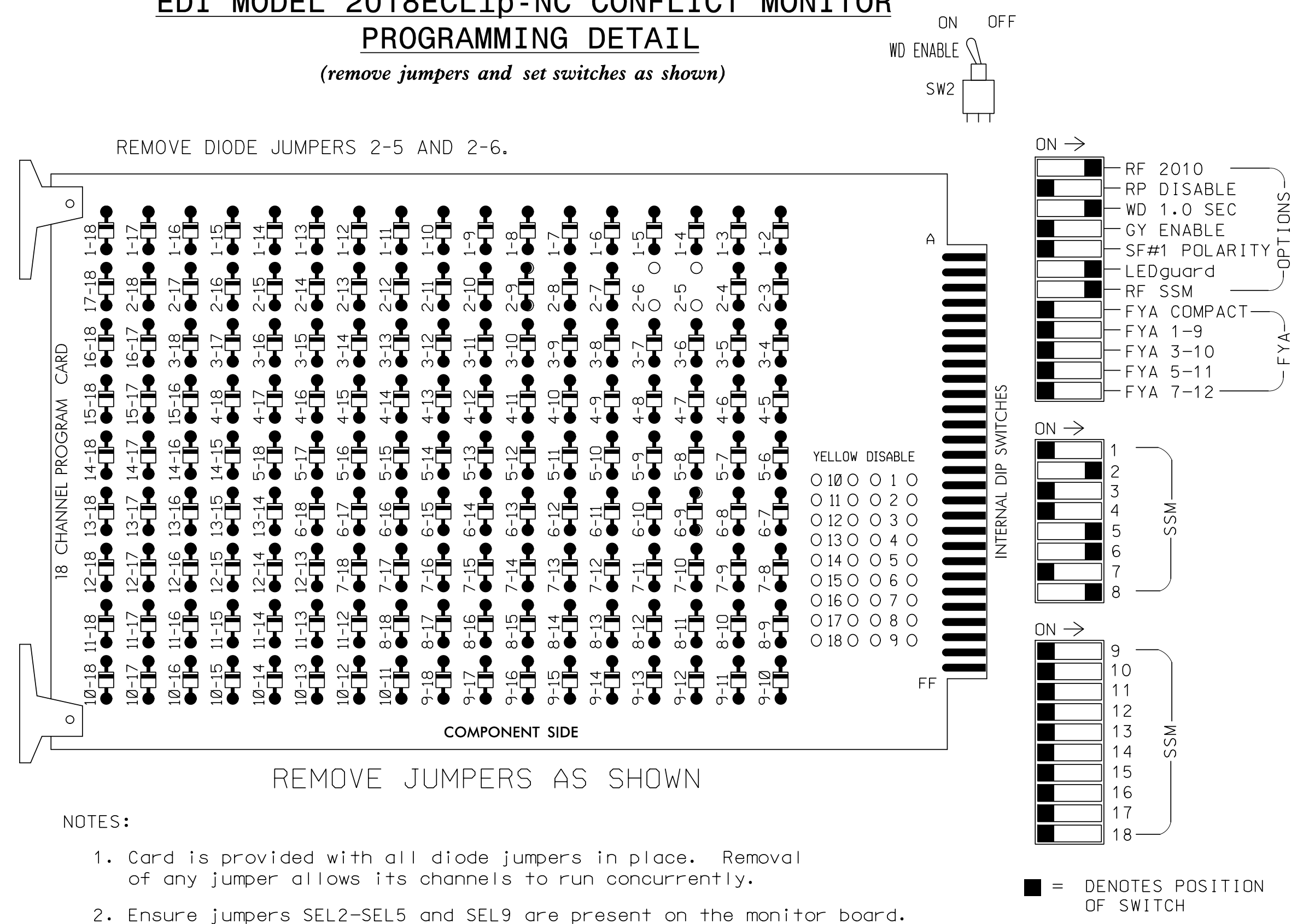


### EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

*(remove jumpers and set switches as shown)*



- NOTES:
- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
  - Ensure jumpers SEL2-SEL5 and SEL9 are present on the monitor board.
  - Ensure that Red Enable is active at all times during normal operation.
  - Integrate monitor with Ethernet network in cabinet.

### 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 Green and phase 6 Green.
- The cabinet and controller are part of the SR 1007 (Mebane Oaks Rd) Closed Loop 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.....S2,S7,S8,S11  
 PHASES USED.....2,5,6,8  
 OVERLAP 'A'.....NOT USED  
 OVERLAP 'B'.....NOT USED  
 OVERLAP 'C'.....NOT USED  
 OVERLAP 'D'.....NOT USED

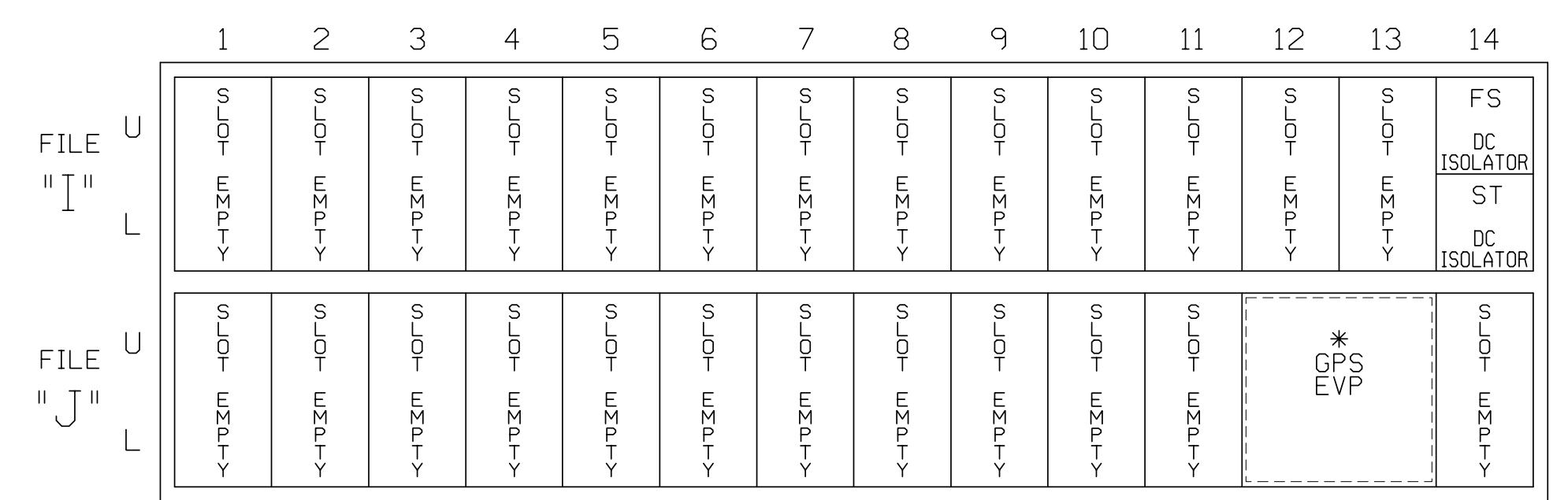
### SIGNAL HEAD HOOK-UP CHART

LOAD SWITCH 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
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED	OLA	DLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	NU	21,22	NU	NU	NU	NU	51,52	61,62	NU	NU	81,82	83,84 85	NU	NU	NU	NU	NU	NU
RED		128						134			107	107						
YELLOW		129						135			108							
GREEN											109							
RED ARROW							131											
YELLOW ARROW							132				108							
GREEN ARROW		130					133	136			109							

NU = Not Used

### INPUT FILE POSITION LAYOUT

*(front view)*



EX.: 1A, 2A, ETC. = LOOP NO.'S  
 See GPS Preemption Installation Note Below

FS = FLASH SENSE  
 ST = STOP TIME

### SPECIAL DETECTOR NOTE

Install a GPS preemption system. Perform installation according to manufacturer's directions and NCDOT engineer approved mounting location to accomplish the preemption schemes shown on the Signal Design Plans.

### VIDEO DETECTOR NOTE

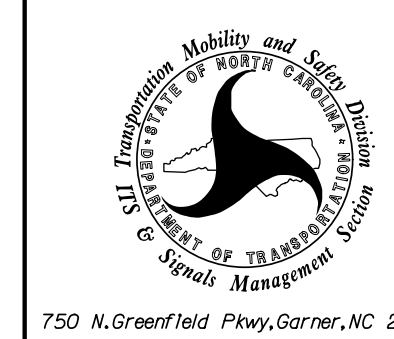
Install a video detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer-approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-2024T3  
 DESIGNED: November 2019  
 SEALED: 12/17/2019  
 REVISED: N/A

Temporary Design 3  
 Electrical Detail - Sheet 1 of 2

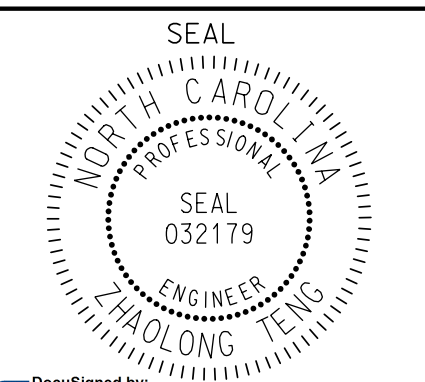
ELECTRICAL AND PROGRAMMING DETAILS FOR:

SR 1007 (Mebane Oaks Road)  
 at  
 I-40 WB / I-85 SB Ramps



Division 7 Alamance County Mebane  
 PLAN DATE: November 2019 REVIEWED BY: Z. "Gavin" Teng  
 PREPARED BY: Z. "Gavin" Teng REVIEWED BY:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



REVISIONS	INIT.	DATE

DocuSigned by:  
 Zhaolong Teng  
 12/17/2019  
 DATE

SIG. INVENTORY NO. 07-2024T3

PREPARED IN THE OFFICE OF:  
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 NC License No. P-1442

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