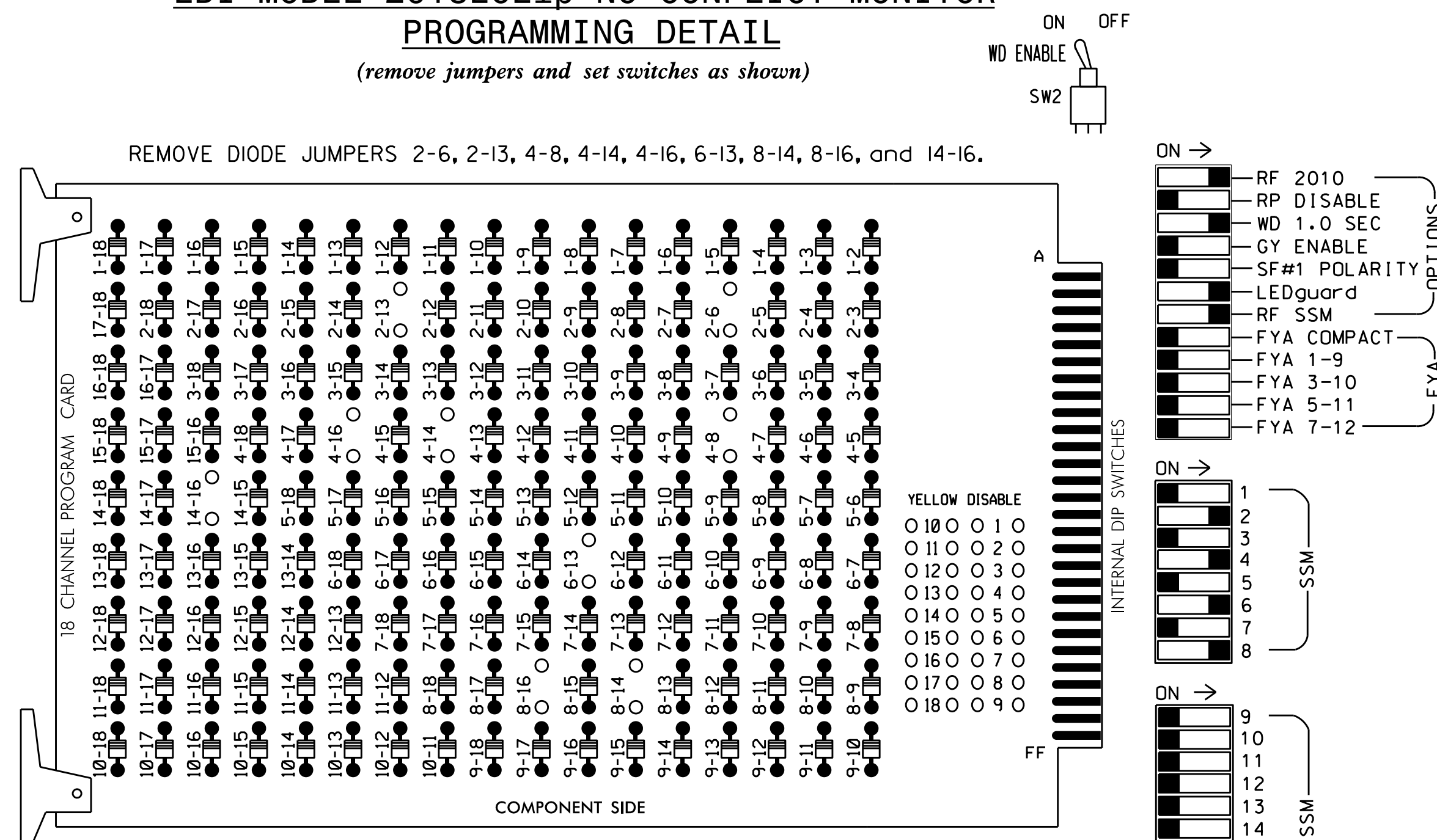


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(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. Program phases 2, 3, 4, 6 and 8 for Dual Entry.
3. Enable Simultaneous Gap-Out for all phases.
4. Program phases 2 and 6 for Start Up In Green.
5. Program phases 2, 4 and 8 for 'STARTUP PED CALL'.
6. Program phases 2, 3, 4, 6 and 8 for Red Rest.
7. The cabinet and controller are part of the Asheville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....332 /W AUX
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
 LOAD SWITCHES USED.....S2,S3,S5,S6,S8,S11,S12
 PHASES USED.....2,2PED,*3,4,4PED,6,
 8,8PED
 OVERLAPS.....NONE
 * PHASE USED FOR TIMING PURPOSES ONLY

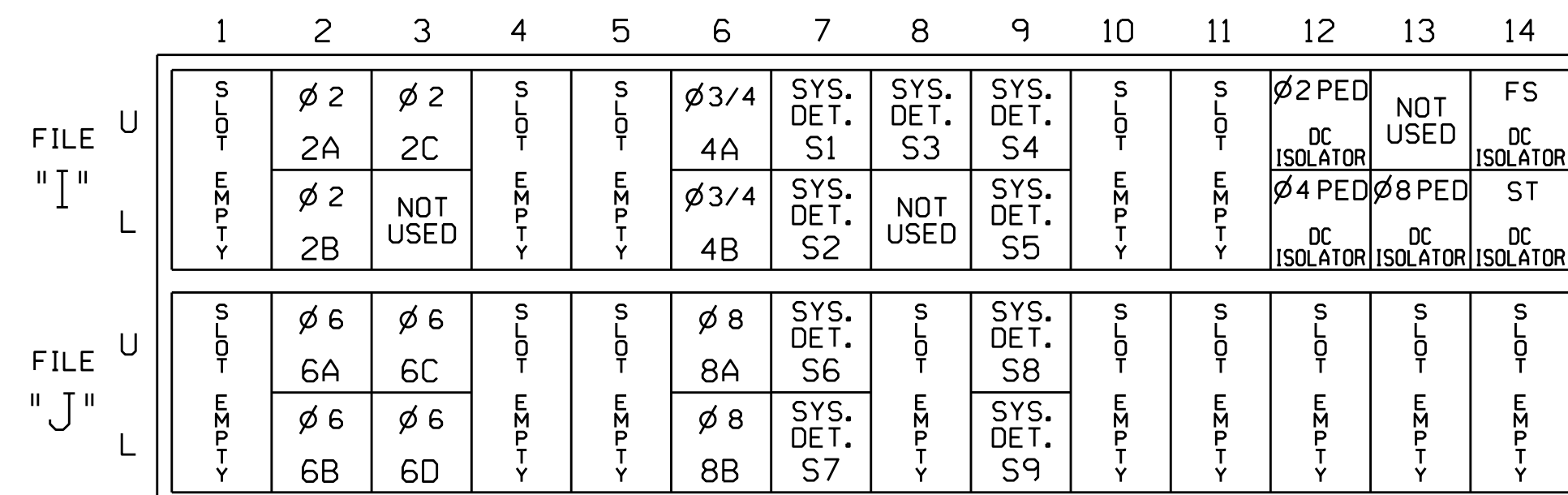
SIGNAL HEAD HOOK-UP CHART

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	OLB	SPARE	OLC	OLD	SPARE	
SIGNAL HEAD NO.	NU	21, 22, 23	24, 25	P21, P22	NC	41, 42, 43, 44	P41, P42	NU	61, 62	63, 64	NU	NU	81, 82	83, 84	P81, P82	NU	NU	NU	NU
RED		128			101			134			107								
YELLOW		129			102			135			108								
GREEN					103			136											
RED ARROW		128			101			134			107								
YELLOW ARROW		129			102			135			108								
GREEN ARROW		130	130		103			136			109	109							
Hand icon				113			104						110						
Person icon							106												112

NU = Not Used
 NC = Not Connected

INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
 ST = STOP TIME

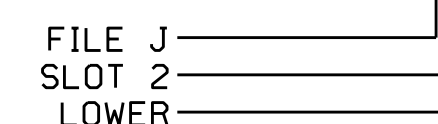
INPUT FILE CONNECTION & PROGRAMMING CHART

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
2A	TB2-5,6	I2U	39	1	2	2	Y	Y			
2B	TB2-7,8	I2L	43	5	12	2	Y	Y			
2C	TB2-9,10	I3U	63	25	32	2	Y	Y			
4A	TB4-9,10	I6U	41	3	4	3/4	Y	Y			
4B	TB4-11,12	I6L	45	7	14	3/4	Y	Y			
6A	TB3-5,6	J2U	40	2	6	6		Y		2.4	
6B	TB3-7,8	J2L	44	6	16	6		Y		2.4	
6C	TB3-9,10	J3U	64	26	36	6	Y	Y			
6D	TB3-11,12	J3L	77	39	46	6	Y	Y			
8A	TB5-9,10	J6U	42	4	8	8	Y	Y			
8B	TB5-11,12	J6L	46	8	18	8	Y	Y			
* S1	TB6-1,2	I7U	65	27	34	SYS					
* S2	TB6-3,4	I7L	78	40	44	SYS					
* S3	TB6-5,6	I8U	49	11	24	SYS					
* S4	TB6-9,10	I9U	60	22	11	SYS					
* S5	TB6-11,12	I9L	62	24	13	SYS					
* S6	TB7-1,2	J7U	66	28	38	SYS					
* S7	TB7-3,4	J7L	79	41	48	SYS					
* S8	TB7-9,10	J9U	59	21	15	SYS					
* S9	TB7-11,12	J9L	61	23	17	SYS					
P21,P22	TB8-4,6	I12U	67	29	PED 2	2 PED					
P41,P42	TB8-5,6	I12L	69	31	PED 4	4 PED					
P81,P82	TB8-8,9	I13L	70	32	PED 8	8 PED					

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

* System detector only. Remove the vehicle phase assigned to this detector in the default programming.

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: 13-0814
 DESIGNED: June 2016
 SEALED: 11/7/2016
 REVISED:

Electrical Detail - Sheet 1 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of:
 Transportation Mobility and Safety Solutions
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 030530
 JACARY M. LITTLE

NC 280 (Airport Road) at I-26 Eastbound Ramps

Division 13 Buncombe County Fletcher
 PLAN DATE: November 2016 REVIEWED BY: T. Joyce
 PREPARED BY: C. Strickland REVIEWED BY:

REVISIONS INIT. DATE
 11/8/2016
 DATE
 13-0814

750 N. Greenfield Pkwy, Garner, NC 27529

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