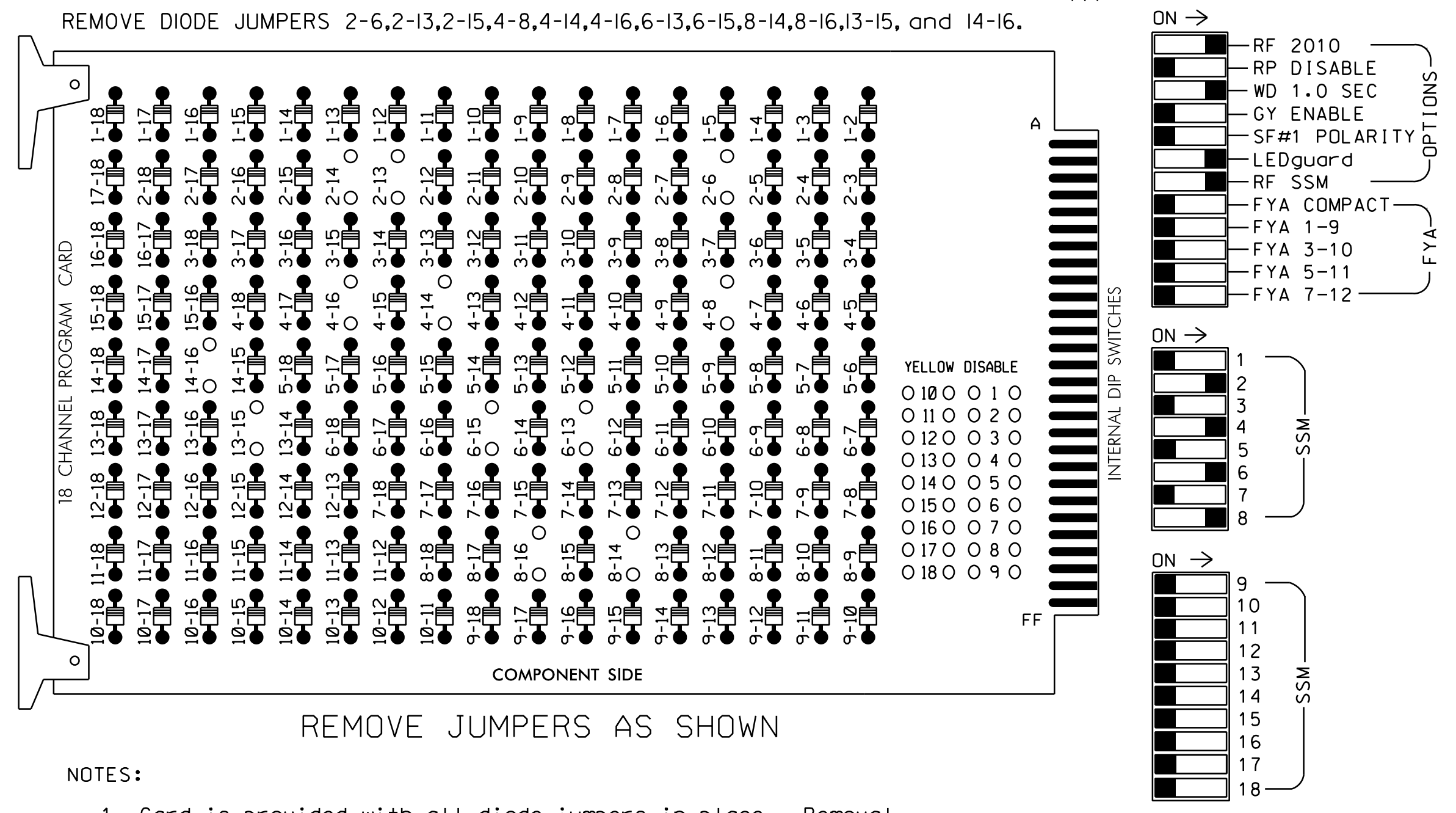


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)



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.
- Enable Simultaneous Gap-Out for all phases.
- Program phase 2 + 6, on the controller unit, for Start Up In Green. SPECIAL PROGRAMMING IS NEEDED FOR PROPER START-UP OF PED SIGNALS. SEE SHEET 2 OF 2 OF THIS ELECTRICAL DETAIL FOR INSTRUCTIONS.
- Program phases 2, 4, 6 and 8 for 'STARTUP PED CALL'.
- Program phase 2 and 6 for Yellow Flash.
- The cabinet and controller are part of the Asheville Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070E
 CABINET.....336
 SOFTWARE.....ECONOLITE OASIS
 CABINET MOUNT.....BASE
 OUTPUT FILE POSITIONS...12
 LOAD SWITCHES USED.....2,S3,S5,S6,S8,S9,S11,S12
 PHASES USED.....2,4,6,8,2PED,4PED,6PED,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.	NU	21,22	P21, P22	NU	41,42	P41, P42	NU	61,62	P61, P62	NU	81,82	P81, P82
RED		128			101			134				107
YELLOW		129			102			135				108
GREEN		130			103			136				109
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
Hand icon			113			104			119			110
Person icon			115			106			121			112

NU = Not Used
 * Denotes install load resistor. See load resistor installation detail this sheet.

ADVANCED WALK PROGRAMMING NOTE

(program controller as shown below)

From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phases 2, 4, 6, and 8 for 'Advanced Walk'. Make sure the Walk Advance times shown on the Signal Design Plans are programmed in the the 'Phase Timing' menu.

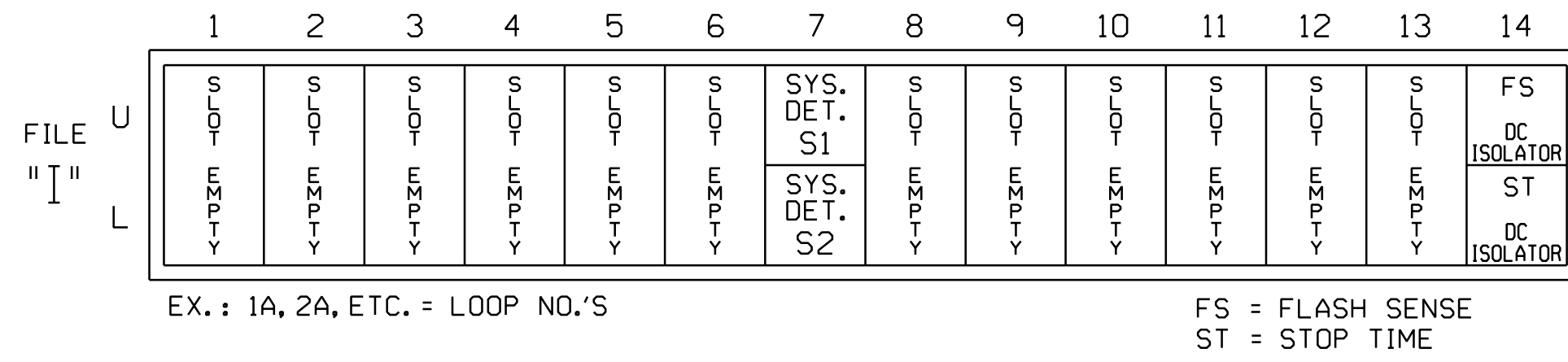
COUNTDOWN PEDESTRIAN SIGNAL OPERATION

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: COA-0103
 DESIGNED: OCTOBER 2016
 SEALED: 12-13-2016
 REVISED:

INPUT FILE POSITION LAYOUT

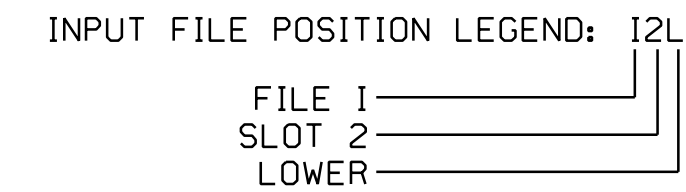
(front view)



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
* S1	TB21-13,14	I7U	57	19	7	7	Y	Y			
* S2	TB23-13,14	I7L	50	12	28	8	Y	Y			

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



ELECTRICAL DETAIL SHEET 1 OF 2

College St/Pack Square at Spruce St

Division 13 Buncombe County Asheville

PLAN DATE: October 2016 REVIEWED BY: SMH

PREPARED BY: BGR REVIEWED BY: JBV

REVISIONS

INIT. DATE

161 S. Charlotte St, Asheville NC 28802

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER JAMES B. VOSS 022599

140FD00379E841F 12/13/2016

SIGNATURE DATE

SIG. INVENTORY NO. COA-0103