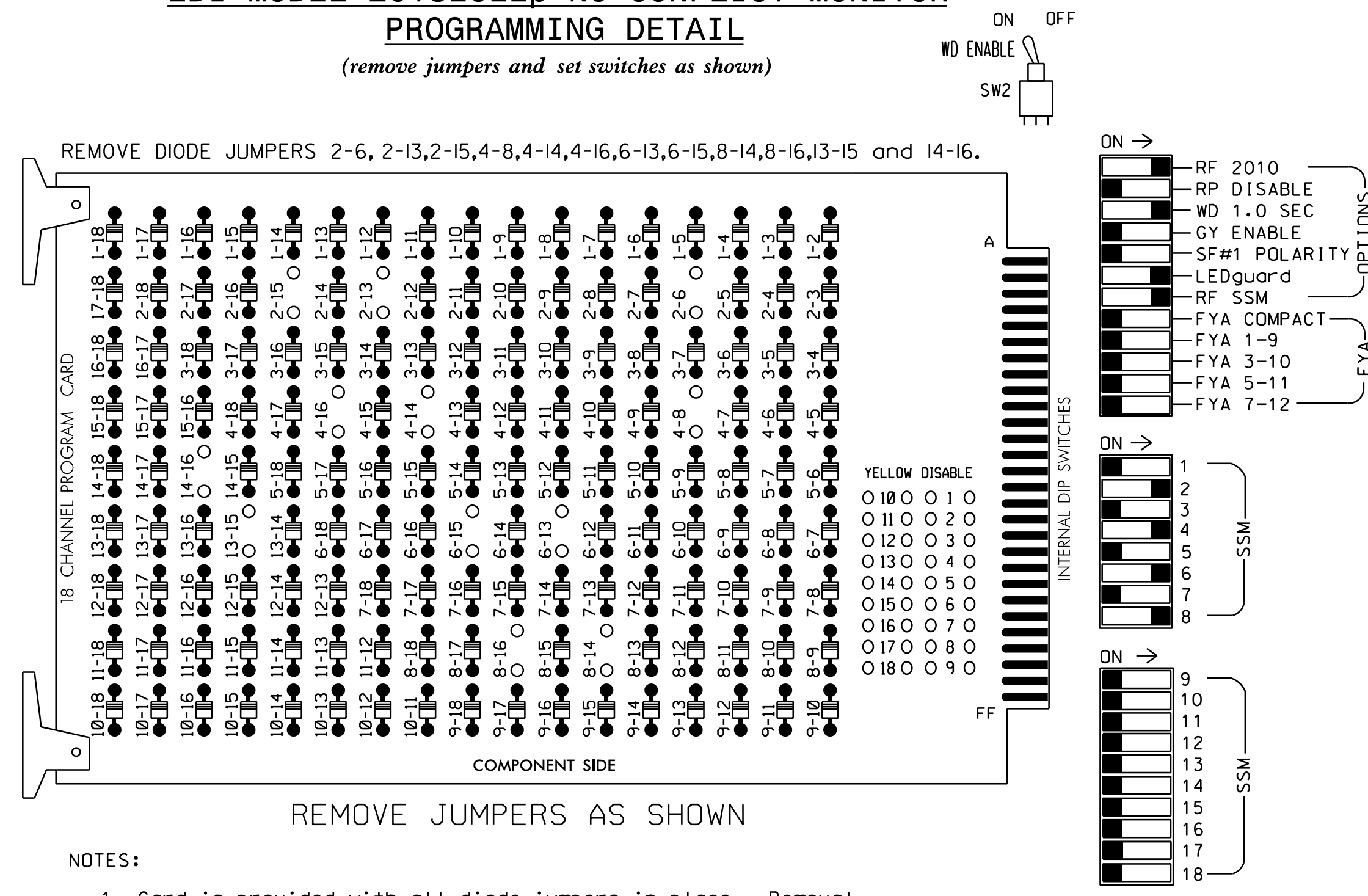


**EDI MODEL 2018EClip-NC CONFLICT MONITOR
PROGRAMMING DETAIL**

(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 phases 2 and 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.
4. Program phases 2, 4, 6 and 8 for "Start-Up Ped Call."
5. Program phases 2 and 6 for Yellow Flash.
6. The cabinet and controller are part of the Asheville Signal System.

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												
FLASHING YELLOW ARROW												
GREEN ARROW												
Hand icon			113			104			119			110
Walking person icon			115			106			121			112

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

EQUIPMENT INFORMATION

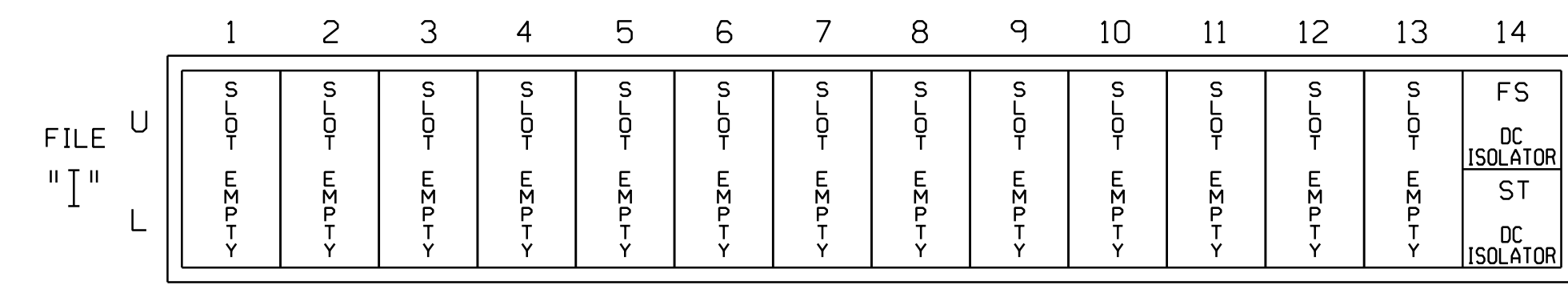
CONTROLLER.....2070E
CABINET.....336
SOFTWARE.....ECONOLITE OASIS
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...12
LOAD SWITCHES USED.....S2,S3,S5,S6,S8,S9,S11,S12.
PHASES USED.....2,4,6,8,2PED,4PED,6PED,8PED
OVERLAPS.....NOT USED

VIBRO-TACTILE PEDESTRIAN PUSHBUTTON

Pedestrian pushbuttons shall utilize vibro-tactile buttons to provide positive feedback to user that button is activated. Follow manufacture's installation instructions to install accordingly

INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
ST = STOP TIME

EXISTING CAMPBELL ACCESSIBLE PEDESTRIAN SIGNAL (APS) INSTALLATION NOTES

1. Consult latest version of AGPS Installation Guide for proper installation and hook-up of accessible pedestrian devices.
2. Provide independent station with 4-conduit cable to be pedestally mounted and signal power interface (SPI) to be located inside pedestrian heads for each pedestrian phase indicated.
3. Install push buttons and APS equipment per manufacturer's instructions.
4. Provide a dedicated cable to each push button per manufacturer's instructions.
5. Never attempt to operate a standard contact closure push button with the APS system unless cabinet is re-wired for standard button operation or unless explicitly allowed by the manufacturer.
6. Place manufacturer's instructions in cabinet with cabinet prints, signal plans, and electrical details.
7. Pedestrian phases are programmed for Ped Recall. APS messages shall activate with Ped Recall.
8. APS devices shall not interfere with Countdown Pedestrian feature.

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-0303
DESIGNED: AUG 2016
SEALED: 12-13-2016
REVISED:



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.

ELECTRICAL DETAIL SHEET 1 OF 2

 161 S. Charlotte St. Asheville NC 28802	Hillard Ave at Coxe Ave		
	Division 13 Buncombe County Asheville	PREPARED BY: BGR REVISIONS:	
PLAN DATE: AUG 2016 REVIEWED BY: SMH		PREPARED BY: JBV REVIEWED BY:	
REVISIONS:		INIT. DATE	
SIGNATURE		DATE	

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