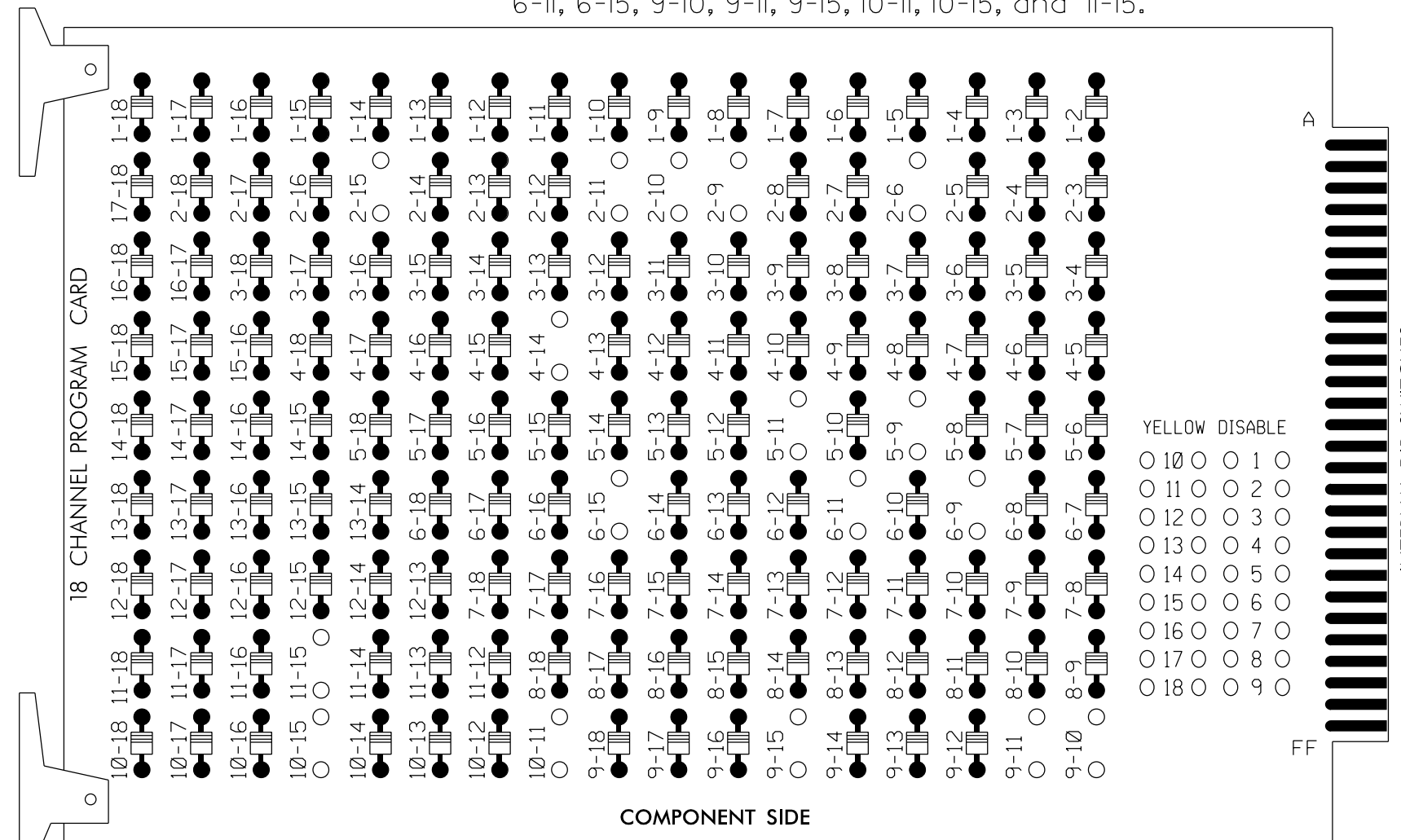


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

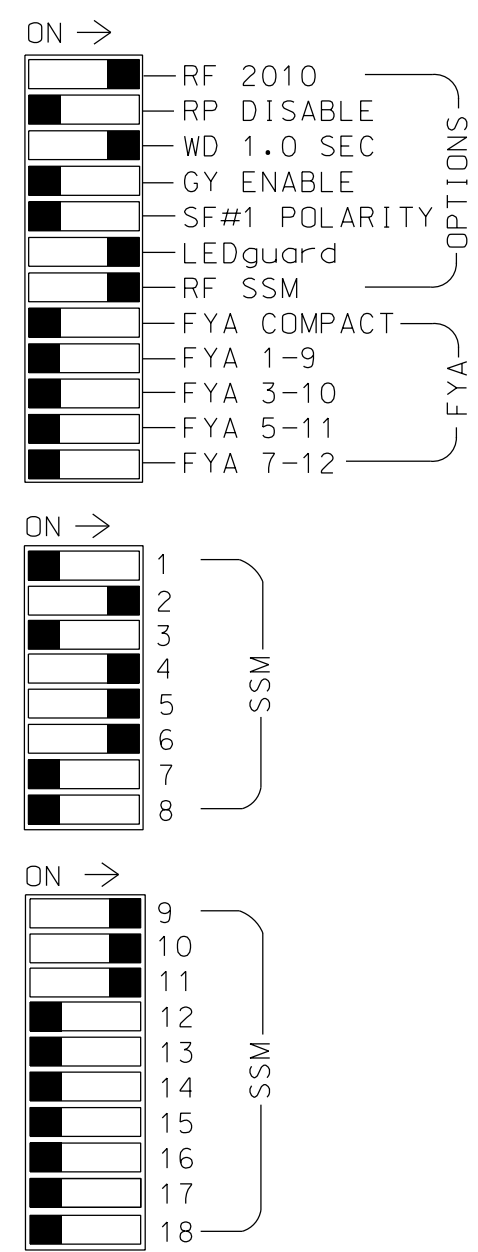
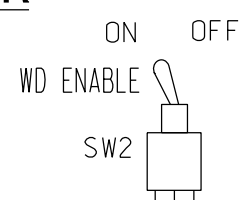
REMOVE DIODE JUMPERS 2-6, 2-9, 2-10, 2-11, 2-15, 4-14, 5-9, 5-11, 6-9, 6-11, 6-15, 9-10, 9-11, 9-15, 10-11, 10-15, and 11-15.



REMOVE JUMPERS 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.



■ = DENOTES POSITION OF SWITCH

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 phases 2 and 6 for Start Up In Green.
- Program phase 4 for 'STARTUP PED CALL'.
- Program phases 2 and 6 for Yellow Flash.
- 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,S5,S6,S7,S8,S9,AUX S1,AUX S2,AUX S4.
 PHASES USED.....2,4,4PED,5*6,6PED.
 OVERLAP "A".....2+5*
 OVERLAP "B".....6
 OVERLAP "C".....5+6
 OVERLAP "D".....NOT USED
 *PHASE USED ONLY DURING EV PREEMPT

PROJECT REFERENCE NO.	SHEET NO.
U-4715B	\$ig, 247.1

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	NU	NU	41,42	P41, P42, P43, P44	51	61,62	P61, P62	NU	NU	NU	23,24	61,62	NU	51	NU	NU	
RED		128			101			134					A121	A124					
YELLOW		129			102		*	135					A122	A125					
GREEN		130			103			136					A123	A126					
RED ARROW																		A114	
YELLOW ARROW																			A115
FLASHING YELLOW ARROW																			A116
GREEN ARROW								133											
Hand							104			119									
Walker							106			121									

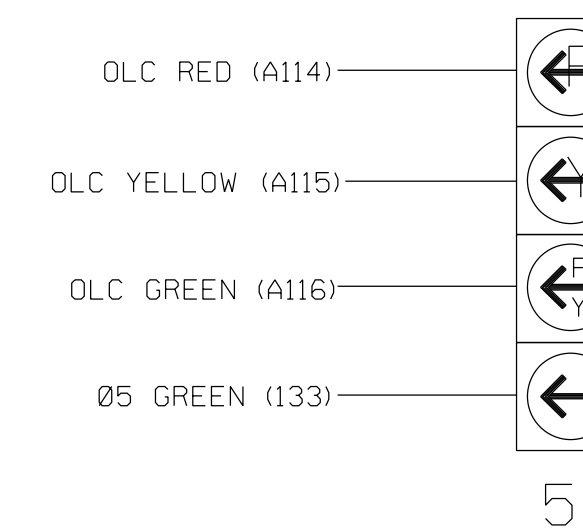
NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.

* See pictorial of head wiring in detail below.

4 SECTION FYA PPLT SIGNAL WIRING DETAIL

(wire signal heads as shown)



NOTE

- The sequence display for this signal requires special logic programming. See sheet 2 of 2 for programming instructions.

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.

PREEMPT ONLY PHASE OMIT NOTE

(program controller as shown below)

From Main Menu press '2' (Phase Control). Then '1' (Phase Control Functions). Program Phase 5 for 'Omit Phase' and Phases 2, 4 and 6 for 'Startup Calls'. This is to prevent Phase 5 from being served when not in Preempt.

INPUT FILE POSITION LAYOUT

(front view)

FILE	U	1	2	3	4	5	6	7	8	9	10	11	12	13	14
U	U	FS	FS	FS	FS	FS	4A	FS	FS	FS	FS	FS	FS	FS	FS
L	L	FS	FS	FS	FS	FS	NOT USED	FS	FS	FS	FS	FS	FS	FS	FS
U	U	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
L	L	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS

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

FS = FLASH SENSE
 ST = STOP TIME

⊗ Wired Input - Do not populate slot with detector card

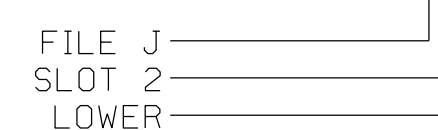
INPUT FILE CONNECTION & PROGRAMMING CHART

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
4A	TB4-9,10	I6U	41	3	4	4	Y	Y			
PED PUSH BUTTONS											
P41,P42	T88-5,6	I12L	69	31	PED 4	4 PED					

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

1 Add jumper from I1-W to J4-W, on rear of input file.

INPUT FILE POSITION LEGEND: J2L



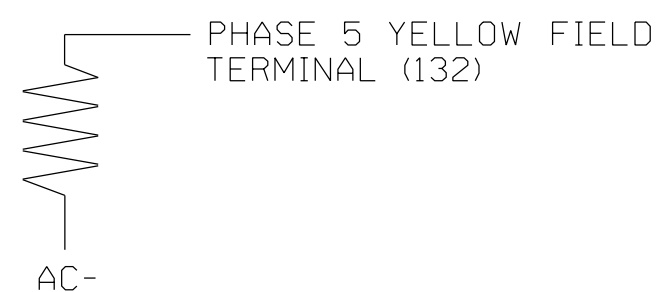
Note:
 There is no pilot lamp present in the fire house.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: COA-12
 DESIGNED: July 2016
 SEALED: December 2016
 REVISED:

LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)

VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



ELECTRICAL DETAIL SHEET 1 OF 3

	ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared For The Offices of:		Fairview Road at Cedar Street/Oakley Elementary/ Fire Station #9		SEAL
	Division 13 PLAN DATE: September 2016 PREPARED BY: AM Encarnacion		Buncombe County Asheville REVIEWED BY: MB Toth REVIEWED BY:		
REVISIONS		INIT.	DATE		
Signature: <i>Melissa B. Toth</i>		DATE	12/16/2016		
SIG. INVENTORY NO. COA-12					