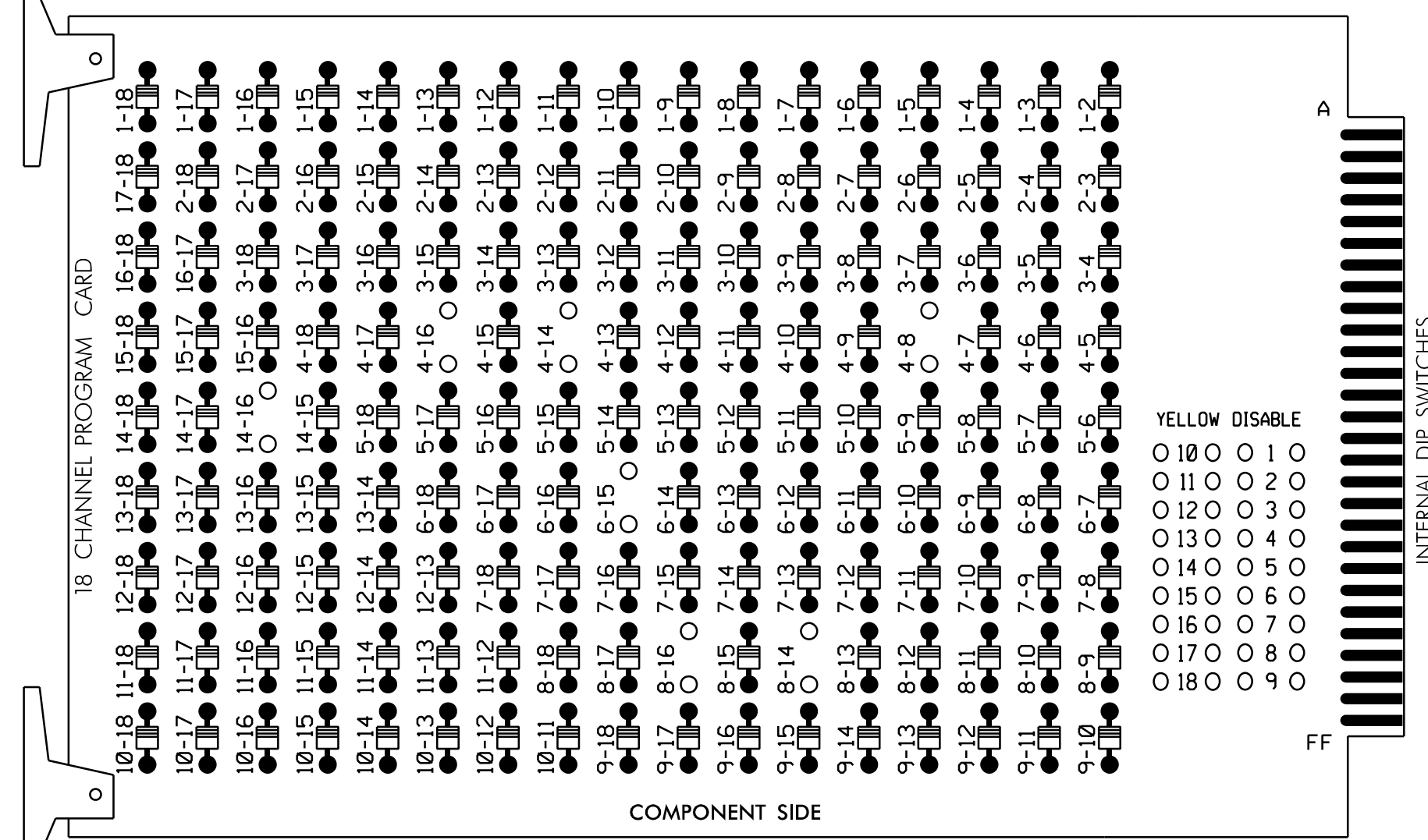


EDI MODEL 2018EClip-NC CONFLICT MONITOR PROGRAMMING DETAIL

(remove jumpers and set switches as shown)

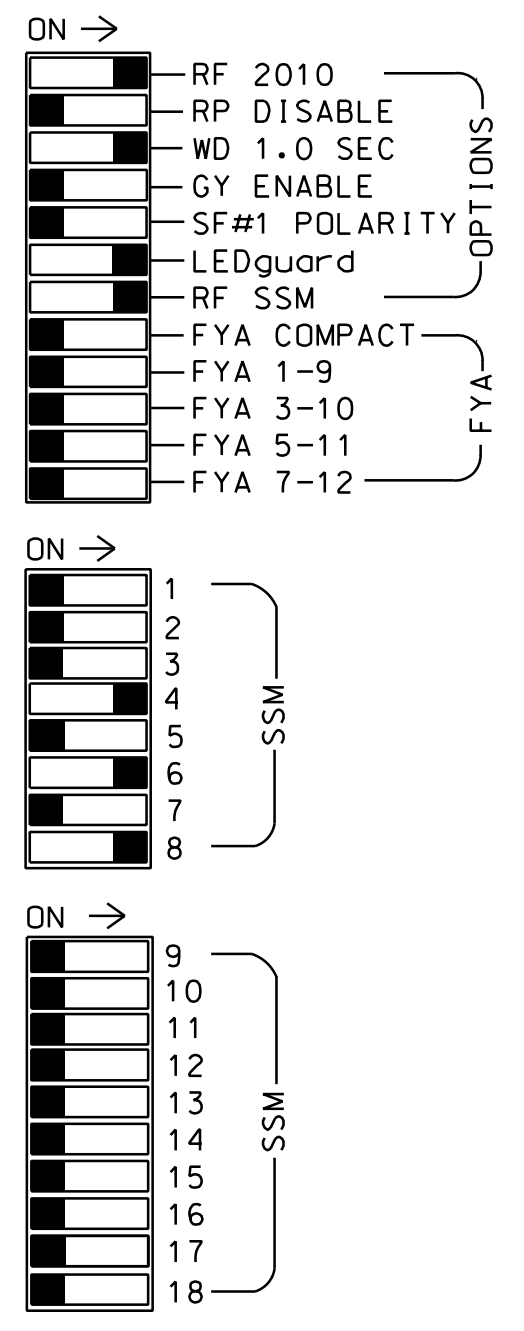
REMOVE DIODE JUMPERS 4-8,4-14,4-16,6-15,8-14,8-16, and 14-16.



REMOVE JUMPERS 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.



■ = DENOTES POSITION OF SWITCH

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 phase 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 4, 6 and 8 for 'STARTUP PED CALL'.
5. Program phase 6 for Yellow Flash.
6. 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.....S5,S6,S8,S9,S11,S12
 PHASES USED.....4,6,8,4PED,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	NU	NU	NU	41,42	P41, P42	NU	61,62	P61,P62 P63,P64	NU	81,82	P81, P82
RED					101			134				107
YELLOW					102			135				108
GREEN					103			136				109
RED ARROW												
YELLOW ARROW												
GREEN ARROW												
						104			119			110
						106			121			112

NU = Not Used

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.

ADVANCED WALK PROGRAMMING NOTE

(program controller as shown below)

From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phases 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.

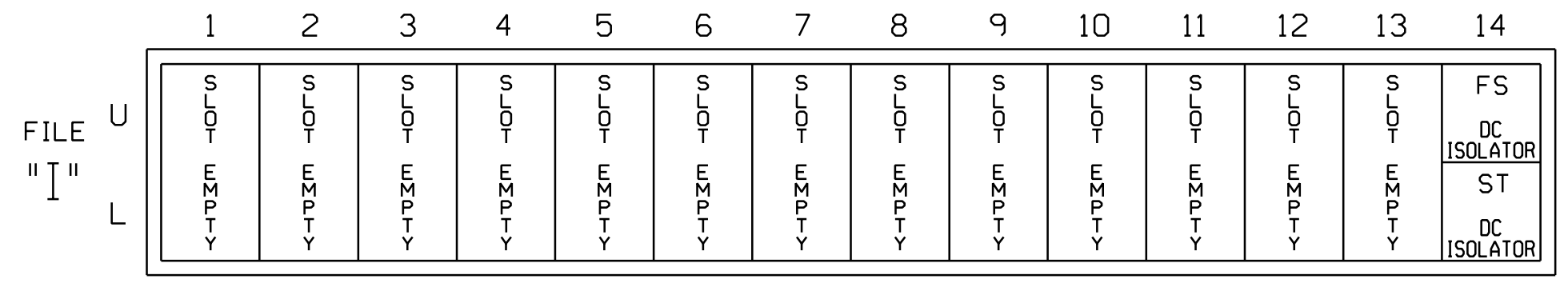
THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: COA-0104
 DESIGNED: JUNE 2016
 SEALED: 12-13-2016
 REVISED:



ELECTRICAL DETAIL SHEET 1 OF 2

INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
 ST = STOP TIME

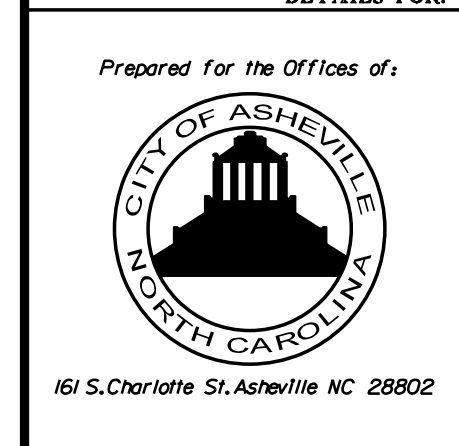
EXISTING POLARA ACCESSIBLE PEDESTRIAN SIGNAL (APS) INSTALLATION NOTES

1. Utilize the 4-wire accessible pedestrian signal system with a pedestrian head-mounted control unit.
2. Pedestrian phases are programmed for Ped Recall. APS messages shall activate with Ped Recall.
3. Wire push buttons and Pedestrian Head Control Unit per Polara Installations Manual instructions.
4. Contractor shall verify necessary 4-wire cable length required (12-foot or 25-foot) prior to ordering.
5. APS devices shall not interfere with Advance Walk feature or Countdown Pedestrian Signal operation.

VIBRO-TACTILE PEDESTRIAN PUSHBUTTON

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

ELECTRICAL AND PROGRAMMING DETAILS FOR:



College St at N Market St and S Market St	
Division 13	Buncombe County Asheville
PLAN DATE: June 2016	REVIEWED BY: SMH
PREPARED BY: BGR	REVIEWED BY: JBV
REVISIONS	INIT. DATE

