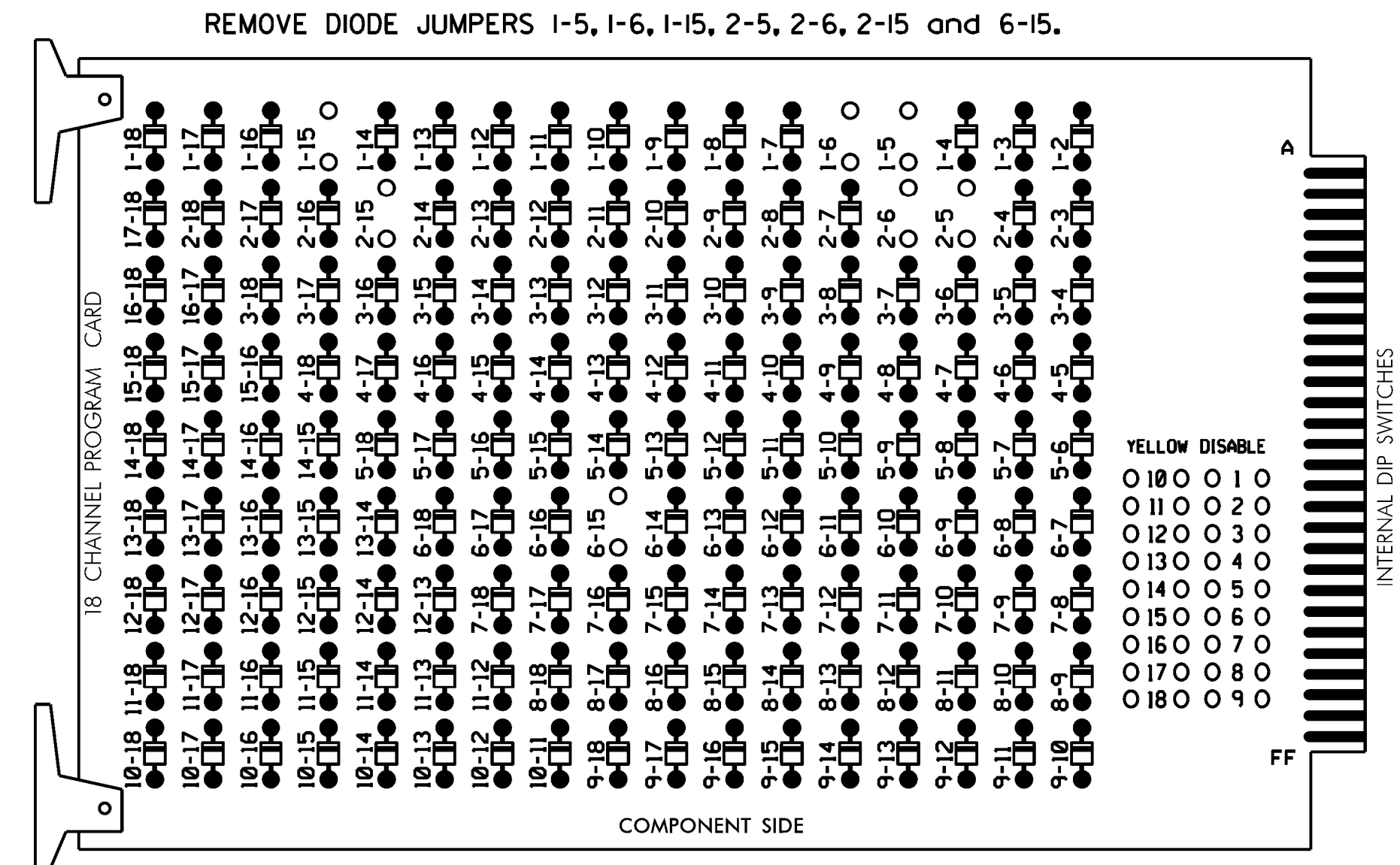


EDI MODEL 2018ECLIP-NC CONFLICT MONITOR PROGRAMMING DETAIL

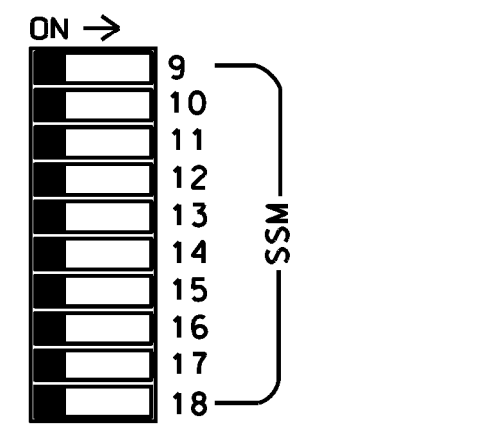
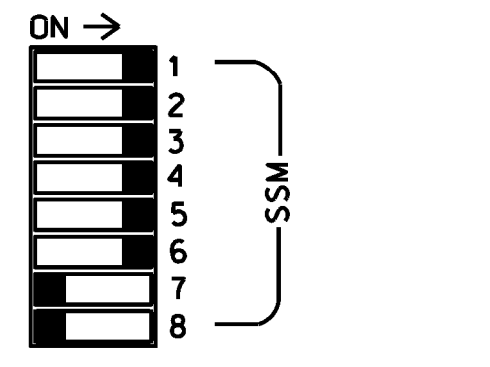
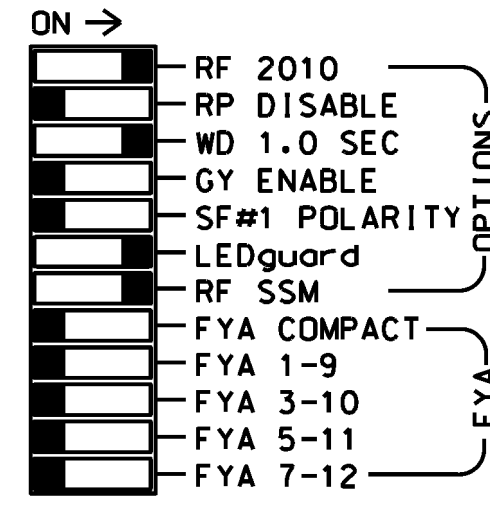
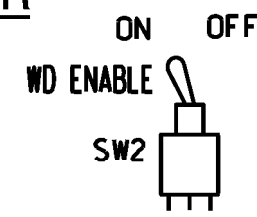
(remove jumpers and set switches as shown)



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.
2. Program controller to start up in phase 2 Green and 6 Walk.
3. The cabinet and controller are part of the Belmont Signal System.

EQUIPMENT INFORMATION

CONTROLLER.....2070LX
CABINET.....332 W/ AUX
SOFTWARE.....ECONOLITE ASC/3-2070
CABINET MOUNT.....BASE
OUTPUT FILE POSITIONS...18 WITH AUX. OUTPUT FILE
LOAD SWITCHES USED.....S1.S2.S4.S5.S7.S8.S9
PHASES USED.....1.2.3.4.5.6.6PED
OVERLAPS.....NONE

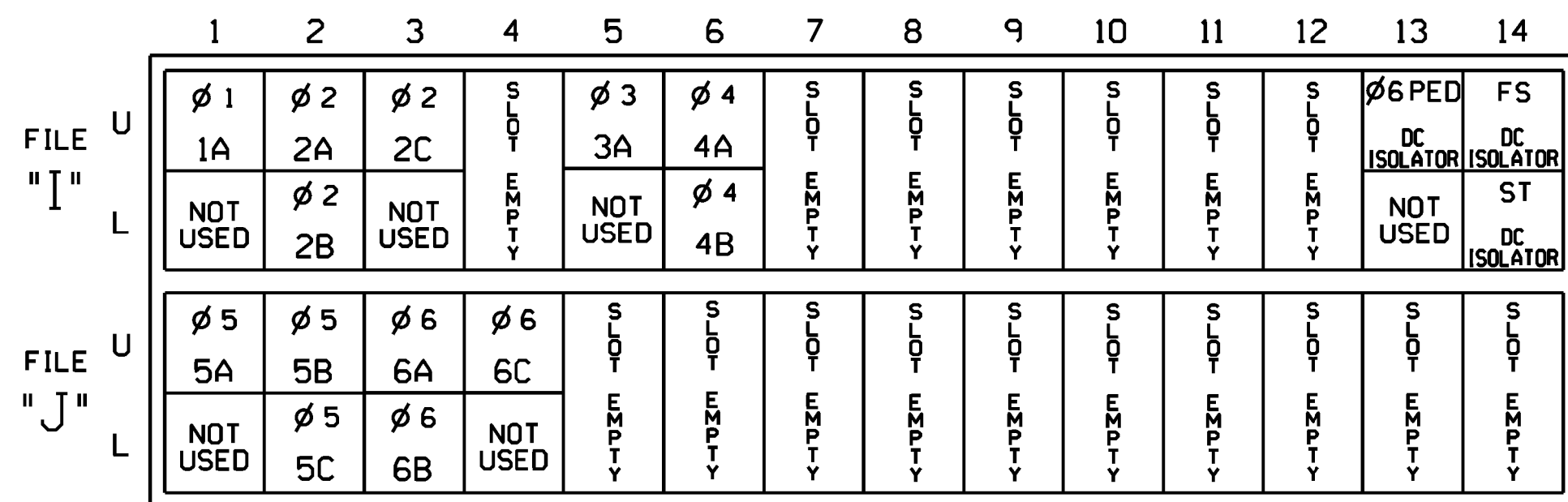
SIGNAL HEAD HOOK-UP CHART

Table with columns for LOAD SWITCH NO., CPU CHANNEL NO., PHASE, SIGNAL HEAD NO., and various signal types (RED, YELLOW, GREEN, RED ARROW, YELLOW ARROW, GREEN ARROW) with corresponding values.

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)



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

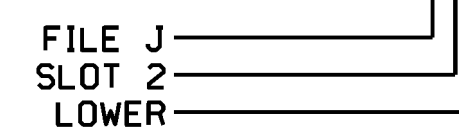
FS = FLASH SENSE
ST = STOP TIME

INPUT FILE CONNECTION & PROGRAMMING CHART

Table with columns: LOOP NO., LOOP TERMINAL, INPUT FILE POS., PIN NO., DETECTOR NO., NEMA PHASE, CALL, EXTEND TIME, DELAY TIME, ADDED INITIAL, DETECTOR TYPE.

NOTE: INSTALL DC ISOLATORS IN INPUT FILE SLOT 113.

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-1727
DESIGNED: October 2018
SEALED: February 7, 2019
REVISED: N/A

Electrical Detail

Prepared in the Office of: SUMMIT DESIGN AND ENGINEERING SERVICES, NC FIRM LICENSE No. P-0339

Prepared For: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION, Division 12, 750 N. Greenfield Pkwy, Corner, NC 27529

US 29-74 (Wilkinson Boulevard) at Hawley Avenue

Division 12 Gaston County Belmont
PLAN DATE: October 2018 REVIEWED BY:
PREPARED BY: J. Smith REVIEWED BY: E. Sirgany

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Professional Engineer Seal for Edward W. Sirgany, License No. 018174, dated 2/7/2019.

Vertical barcode/ID text on the left margin.