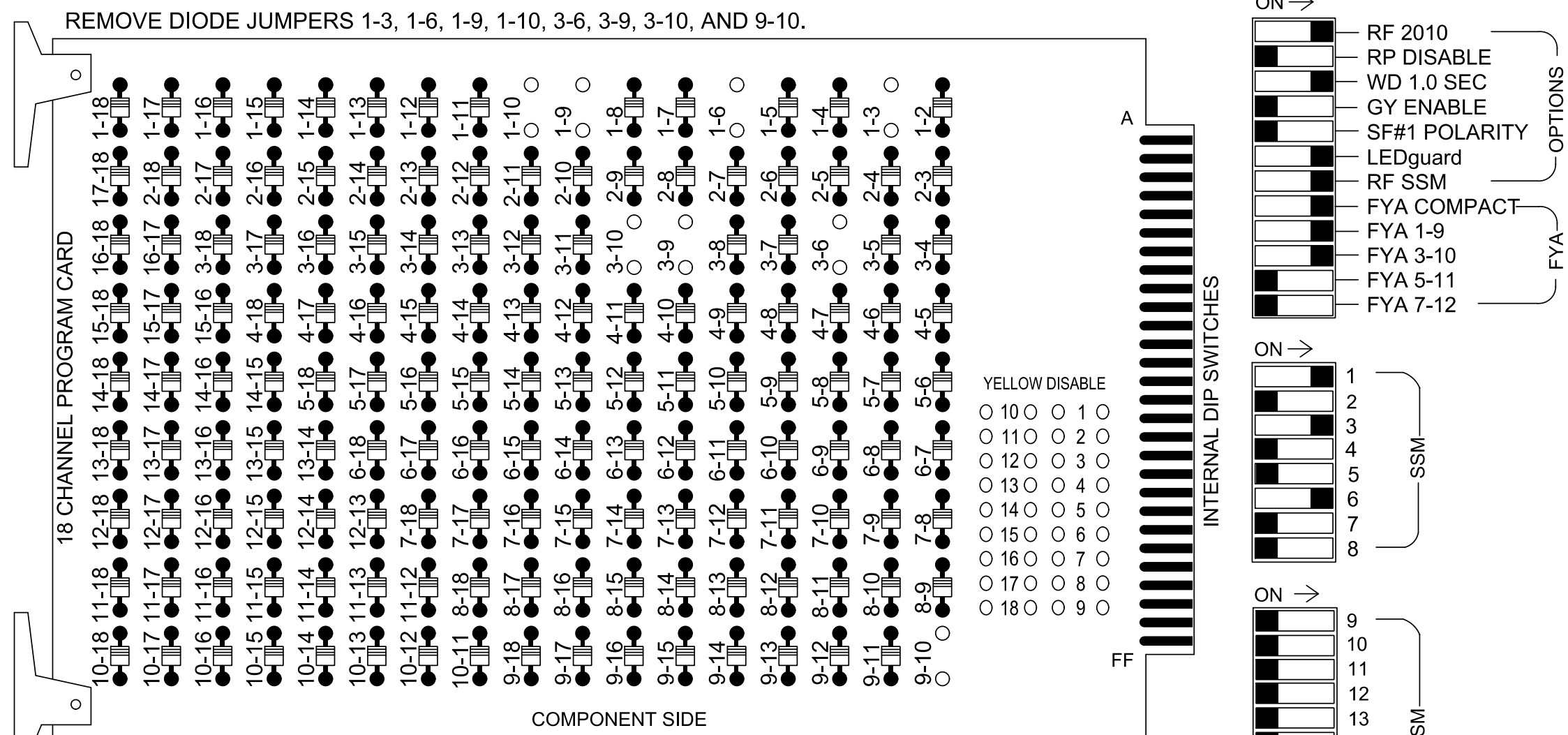


18 CHANNEL CONFLICT MONITOR

(remove jumpers and set switches as shown)



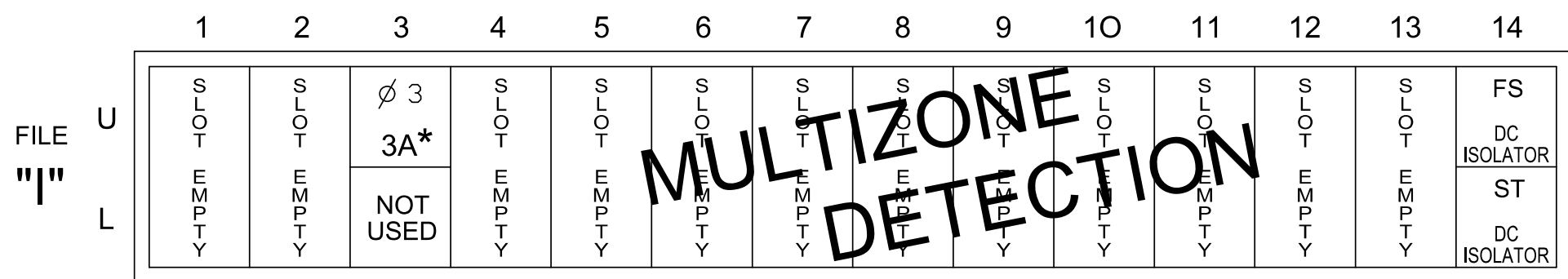
REMOVE JUMPERS AS SHOWN

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. Special cabinet wiring is required to utilize FYA COMPACT mode. See Ped Yellow Conflict Monitor Wiring Detail on this sheet. **!**

INPUT FILE POSITION LAYOUT

(front view)



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

FS = FLASH SENSE
ST = STOP TIME

SPECIAL DETECTOR NOTE

Install a multizone microwave detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer -approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

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 plan.
2. Program controller to start up in phase 6 Green No Walk.
3. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.
4. The cabinet and controller are part of the Signal System #D06-17 Lumberton US 301 and SR 1997 (Fayetteville Road).

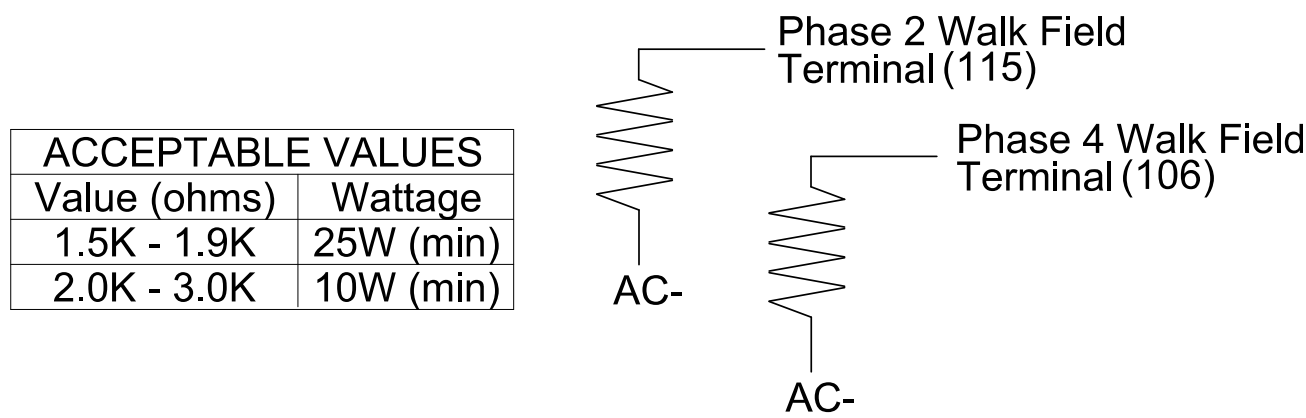
EQUIPMENT INFORMATION

Controller.....	2070LX
Cabinet.....	336
Software.....	Q-Free MAXTIME
Cabinet Mount.....	Pole
Output File Positions.....	12
Load Switches Used.....	S1, S3, S4, S6, S8
Phases Used.....	1, 2, 3, 6
Overlap "1".....	*
Overlap "2".....	*
Overlap "3".....	NOT USED
Overlap "4".....	NOT USED

*See overlap programming detail on sheet 2

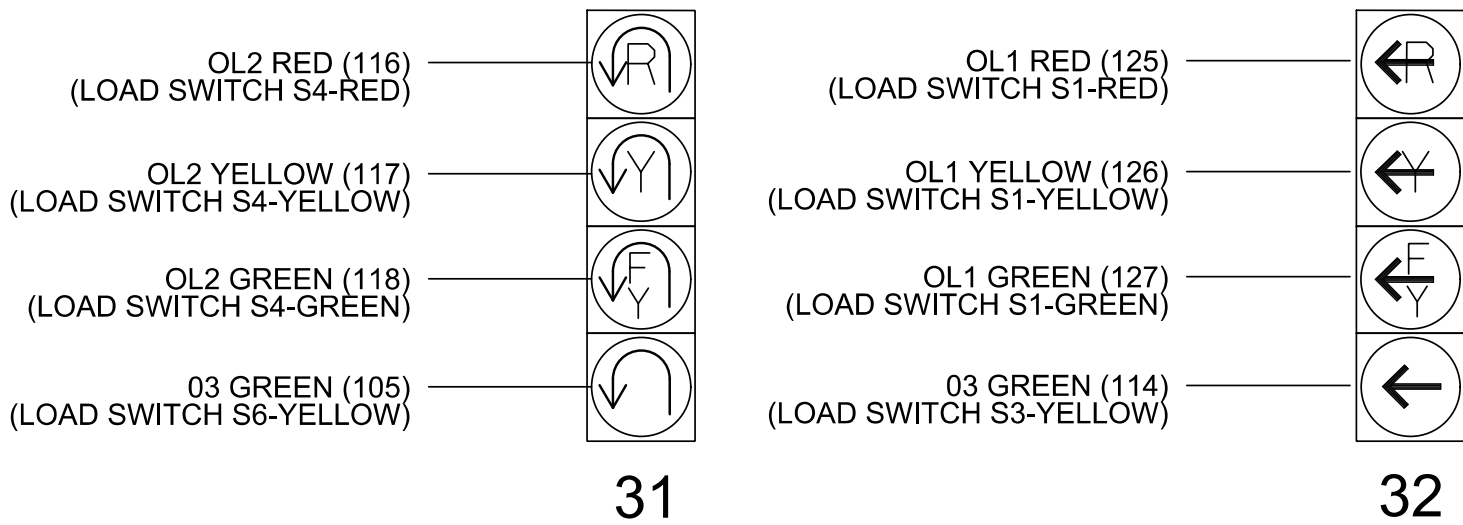
LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown)



FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-1415T
DESIGNED: Feb 2025
SEALED: 2/10/2025
REVISED:

Temporary Design - TMP Phase III, Step 1
Electrical Detail - Sheet 1 of 3

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SR 1997 (Fayetteville Road)

at
Boomerang Drive
Temporary U-Turn South

Division 6 Robeson County Lumberton

PLAN DATE: Feb 2025	REVIEWED BY: H.M. Surti
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PREPARED BY: R.L. Aristondo	REVIEWED BY: T.M. Moody
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REVISIONS	INIT.	DATE
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SEAL

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PROFESSOR

SEMI

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Designed by

James A. Smith