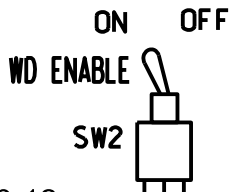


(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 1-3, 1-6, 1-9, 1-10, 2-6, 2-9, 2-12, 2-13, 3-6, 3-9, 3-10, 6-9, 6-10, 6-12, 6-13, 7-8, 7-10, 7-12, 7-16, 8-10, 8-12, 8-16, 9-10, 9-12, 9-13, 10-12, 10-16, 12-13, and 12-16.



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 the Red Enable is active at all times during normal operation.

(front view)

FILE
"I"

FILE
"J"

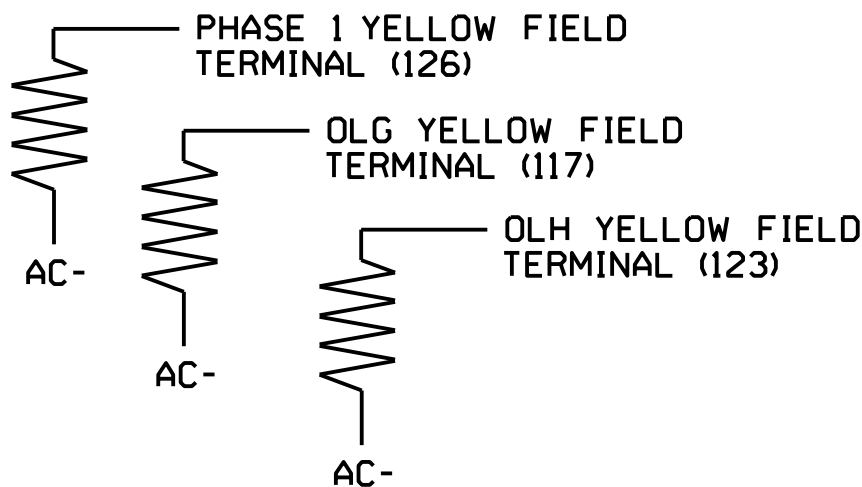
EX.: 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
ST = STOP TIME

⊗ Wired Input - Do not populate slot with detector card

(install resistors as shown)

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



1. To prevent "flash-conflict" problems, insert red flash program blocks for all vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
2. Program controller to start up in phase 2 Green and 6 Green.
3. The cabinet and controller are part of the Greenville Signal System.

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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,S3,S4,S8,S10,S11,
                                S12,AUX S1,AUX S2,AUX S5
PHASES USED.....1,2,2PED,6,8,8PED
OVERLAP "A".....*
OVERLAP "B".....*
OVERLAP "C".....NOT USED
OVERLAP "D".....*
OVERLAP "G".....*
OVERLAP "H".....*

* See overlap programming detail on sheet 2

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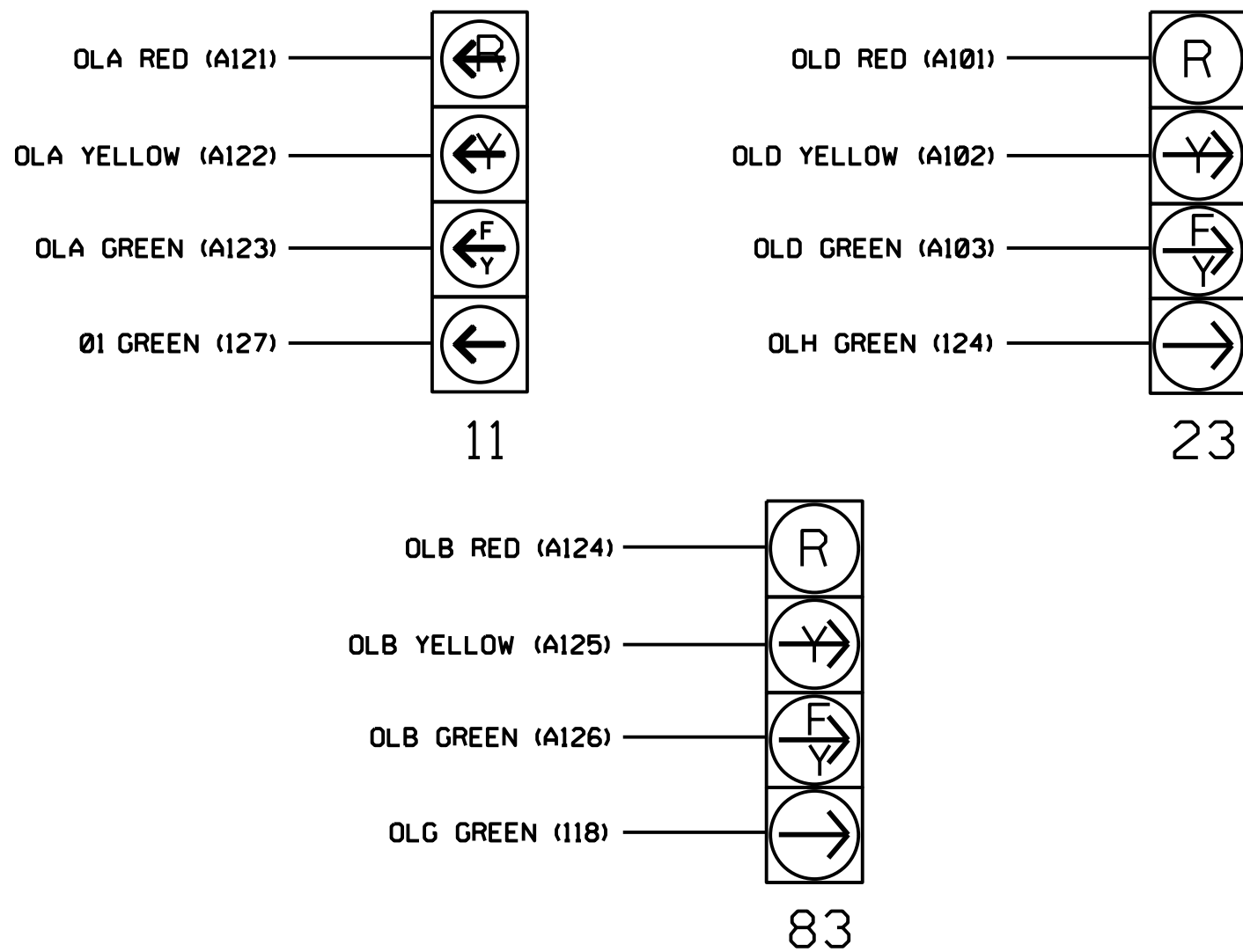
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5	6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	OLG	4	4 PED	5	6	6 PED	OLH	8	8 PED	OLA	OLB	SPARE	OLC	OLD	SPARE
SIGNAL HEAD NO.	11★	21,22	P21, P22	83★	NU	NU	NU	61,62	NU	23★	81,82	P81, P82	11★	83★	NU	NU	23★	NU
RED		128						134						A124			A101	
YELLOW	*	129		*				135		*								
GREEN		130						136										
RED ARROW											107		A121					
YELLOW ARROW											108		A122	A125			A102	
FLASHING YELLOW ARROW													A123	A126			A103	
GREEN ARROW	127			118						124	109							
			113									110						
			115									112						

NU = Not Used

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

★ See pictorial of head wiring in detail this sheet.

(wire signal heads as shown)



THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 02-0921
DESIGNED: July 2025
SEALED: 07/22/2025
REVISED: N/A

Electrical Detail - Sheet 1 of 3

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

[illegible]