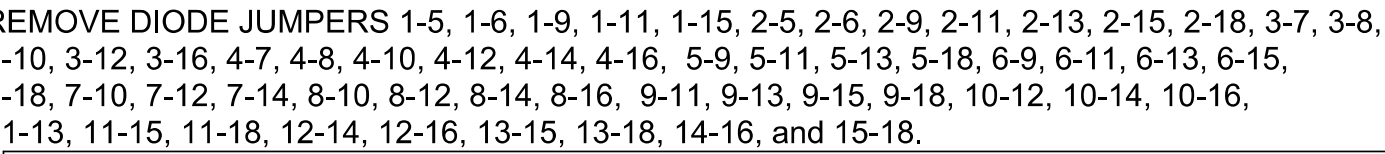


(remove jumpers and set switches as shown)

(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 the Red Enable is active at all times during normal operation.
4. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

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 plan.
2. Program controller to start up in phase 2 Green No Walk and 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.

Controller.....	2070LX
Cabinet.....	332 w/ Aux
Software.....	Q-Free MAXTIME
Cabinet Mount.....	Base
Output File Positions.....	18 With Aux. Output File
Load Switches Used.....	S1, S2, S3, S4, S5, S6, S7, S8, S9, S10,S11, S12, AUX S1,AUX S2, AUX S4, AUX S5, AUX S6
Phases Used.....	1,2,2PED,3,4,4PED,5,6,6PED,7,8,8PED
Overlap "1".....	*
Overlap "2".....	*
Overlap "3".....	*
Overlap "4".....	*
Overlap "5".....	NOT USED
Overlap "6".....	*

*See overlap programming detail on sheet 2

(front view)

FILE
"I"

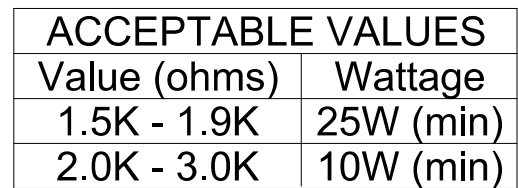
EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
ST = STOP TIME

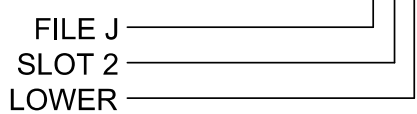
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT POINT	DETECTOR NO.	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN
1A	TB2-1,2	I1U	56	18 -	1 ★ 29 ★	1 6	15.0 3.0		X X		X X	X
2A	TB2-5,6	I2U	39	1 2	2 2				X X	X X	X X	
3A	TB4-5,6	I5U	58	20 -	7 30	3 8	15.0		X X		X X	
4A	TB4-9,10	I6U	41	3 17	8 15 ★	4 5	15.0		X X		X X	
5A	TB3-1,2	J1U	55	- 31 ★	2 2	3.0			X X		X X	X
5B	TB3-5,6	J2U	40	2	16	5	15.0		X		X	
6A	TB3-9,10	J3U	64	30	18	6			X	X	X	
6B	TB3-11,12	J3L	77	43	19	6			X	X	X	
7A	TB5-5,6	J5U	57	19 -	21 32	7 4	15.0		X X		X X	
8A	TB5-9,10	J6U	42	4	22	8	10.0		X		X	
PED PUSH BUTTONS												
P21,P22	TB8-4,6	I12U	67	33	2	PED 2	NOTE: INSTALL DC ISOLATORS IN INPUT FILE SLOTS I12 AND I13.					
P41,P42	TB8-5,6	I12L	69	35	4	PED 4						
P61,P62	TB8-7,9	I13U	68	34	6	PED 6						
P81,P82	TB8-8,9	I13L	70	36	8	PED 8						

★ For the detectors to work as shown on the signal design plan, see the Vehicle Detector Setup Programming Detail for Alternate Phasing on sheet 2.

(install resistors as shown)



INPUT FILE POSITION LEGEND: J2L



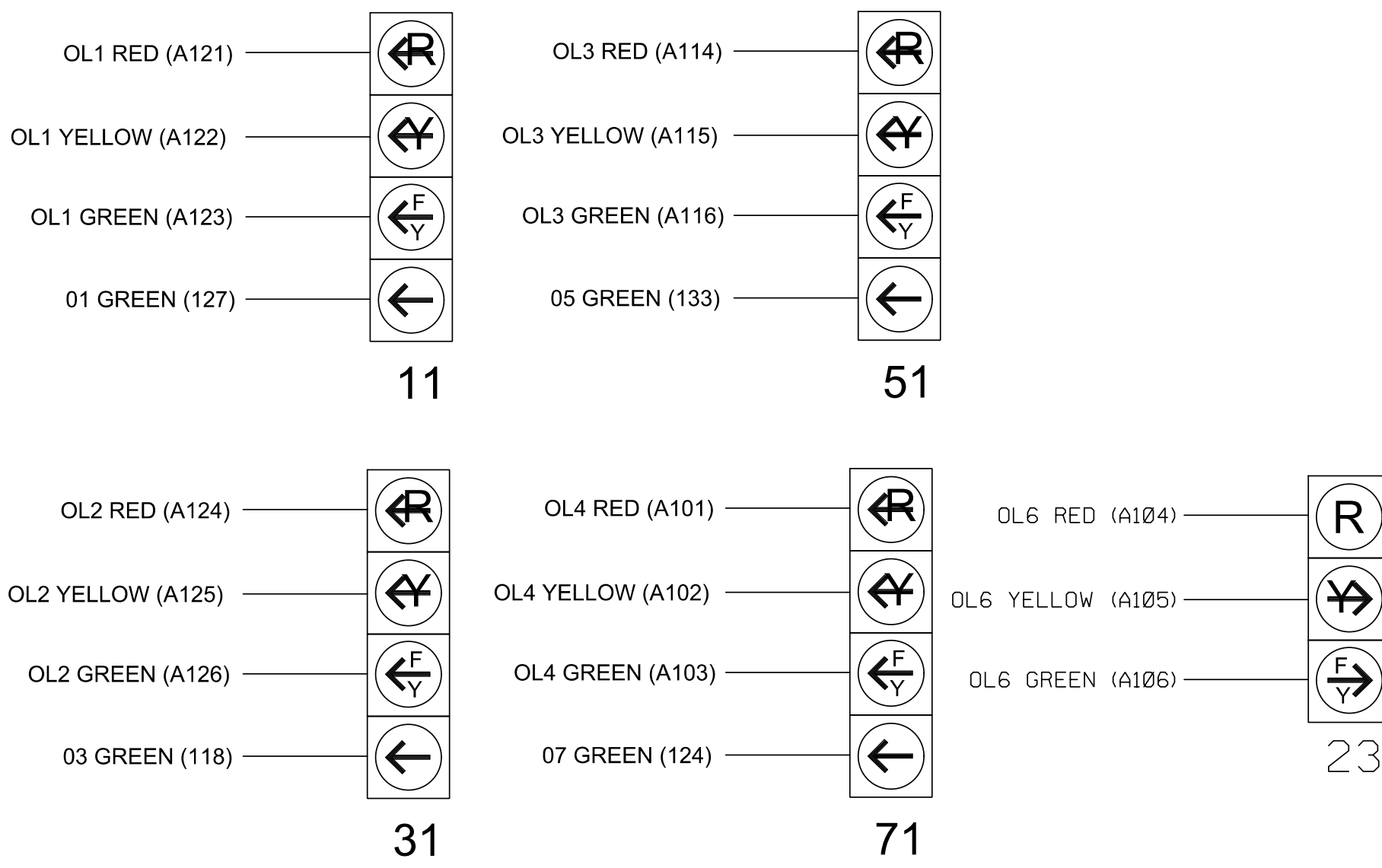
LOAD SWITCH NO.	S1	S2	S3	S4	S5	S6	S7		S8	S9	S10	S11	S12	AUX S1	AUX S2	AUX S3	AUX S4	AUX S5	AUX S6
CMU CHANNEL NO.	1	2	13	3	4	14	5		6	15	7	8	16	9	10	17	11	12	18
PHASE	1	2	2 PED	3	4	4 PED	5		6	6 PED	7	8	8 PED	OL1	OL2	SPARE	OL3	OL4	OL6
SIGNAL HEAD NO.	11★	21,22	P21, P22	31★	41,42	P41, P42	42	51★	61,62	P61, P62	71★	81,82	P81, P82	11★	31★	NU	51★	71★	23★
RED		128			101		★		134			107							A104
YELLOW	★	129		★	102				135		★	108							
GREEN		130			103				136			109							
RED ARROW														A121	A124		A114	A101	
YELLOW ARROW							132							A122	A125		A115	A102	A105
FLASHING YELLOW ARROW														A123	A126		A116	A103	A106
GREEN ARROW	127			118			133	133			124								
			113			104				119			110						
			115			106				121			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: 08-0521
DESIGNED: April 2024
SEALED: 12/12/2024
REVISED: N/A

Electrical Detail Sheet 1 of 3

SR 2700 (Chatham Park Way)
at
Grant Drive and
Asteria Boulevard

PLAN DATE: April 2024	REVIEWED BY: KP Baumann
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PLAN DATE: April 2024	REVIEWED BY: KP Baumann
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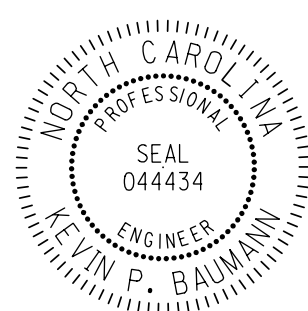
PREPARED BY: SP Pennington	REVIEWED BY:
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REVISIONS	INIT.	DATE

.....		

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

SEAL



DocuSigned by:
71 B

12/12/2023

SIG. INVENTORY NO. 08-0521

SIG. INVENTORY NO. 08-0521

SIG. INVENTORY NO. 08-0521