

(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 1-5, 1-6, 1-9, 1-11, 1-15, 1-17, 2-5, 2-6, 2-9, 2-11, 2-13, 2-15, 2-17, 2-18, 3-7, 3-8, 3-10, 3-12, 3-16, 4-7, 4-8, 4-10, 4-12, 4-14, 4-16, 5-9, 5-11, 5-13, 5-18, 6-9, 6-11, 6-13, 6-15, 6-17, 6-18, 7-10, 7-12, 7-14, 8-10, 8-12, 8-14, 8-16, 9-11, 9-13, 9-15, 9-17, 9-18, 10-12, 10-14, 10-16, 11-13, 11-15, 11-17, 11-18, 12-14, 12-16, 13-15, 13-17, 13-18, 14-16, 15-17, 15-18, and 17-18.



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 unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the signal plan.
2. Program phases 4 and 8 Dual Entry.
3. Program controller to start up in phase 2 Green No Walk and 6 Green No Walk.
4. 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 S3,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".....	*
Overlap "6".....	*

*See overlap programming detail on sheet 2

(front view)

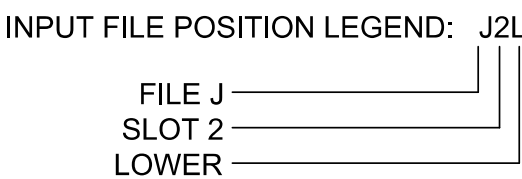
EX. : 1A, 2A, ETC. = LOOP NO.'S

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	
1B	TB2-5,6	I2U	39	1	2	1	15.0		X		X	X
2A	TB2-9,10	I3U	63	29	4	2			X	X	X	
3A	TB4-5,6	I5U	58	20 -	7 30	3 8	15.0		X		X	
4A	TB4-9,10	I6U	41	3	8	4			X		X	
5A	TB3-1,2	J1U	55	17 -	15 ★ 31 ★	5 2	15.0 3.0		X		X	
5B	TB3-5,6	J2U	40	2	16	5	15.0		X		X	X
6A	TB3-9,10	J3U	64	30	18	6			X	X	X	
7A	TB5-5,6	J5U	57	19 -	21 32	7 4	15.0		X		X	
8A	TB5-9,10	J6U	42	4	22	8			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	68	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.

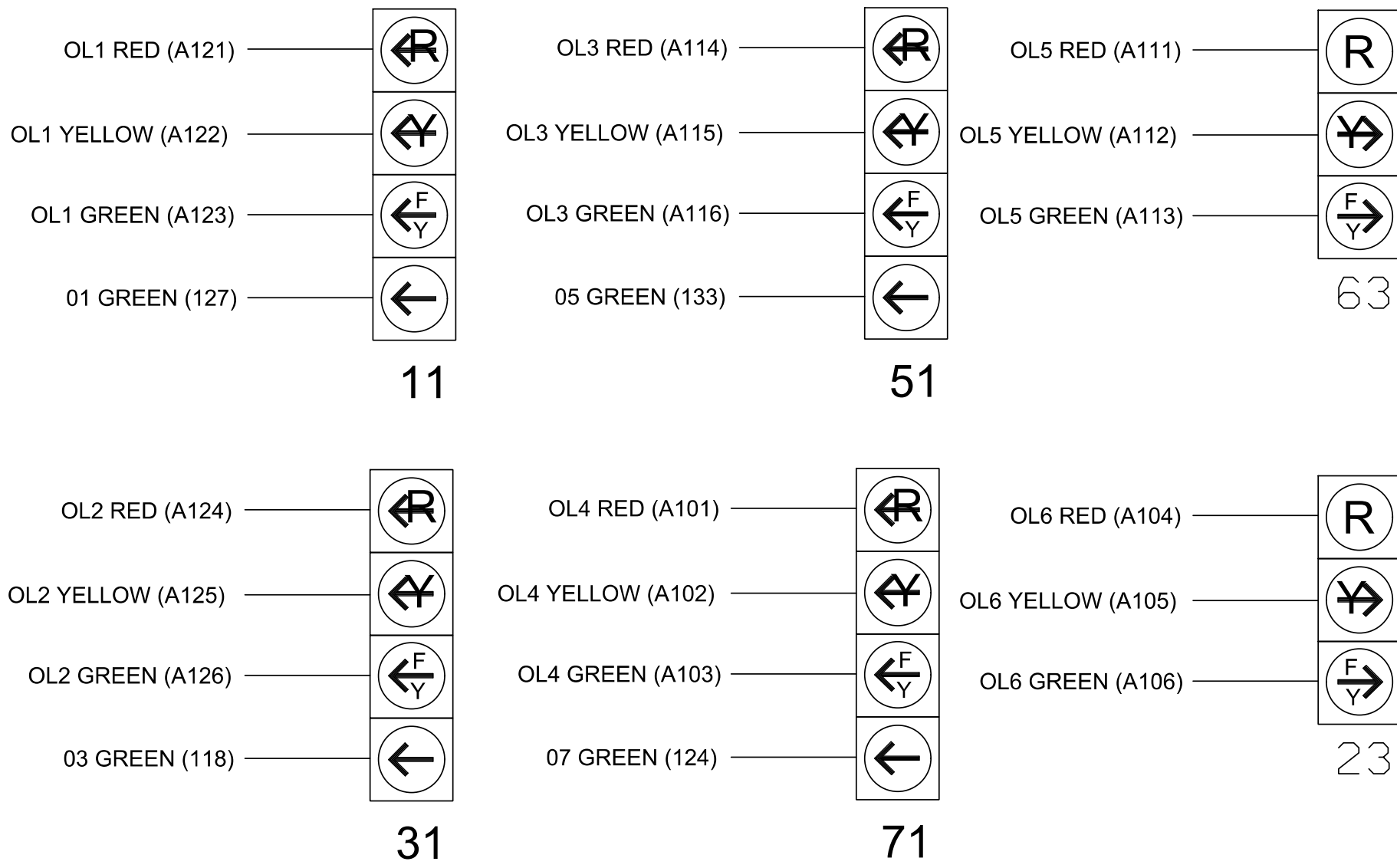
(install resistors as shown)



PROJECT REFERENCE NO.	SHEET NO.
R-5963A	Sig. 3.1

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: 08-0524
DESIGNED: October 2024
SEALED: 03/04/2025
REVISED: N/A

Electrical Detail Sheet 1 of 3

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared for the Offices of: 	US 64 Bus. (East Street) at SR 2700 (Chatham Park Way)	SEAL  <i>Decoded by</i> 
	Division 8 Chatham County Pittsboro	
	PLAN DATE: October 2024 REVIEWED BY: KP Baumann	
	PREPARED BY: SP Pennington REVIEWED BY: _____	
	REVISIONS INIT. DATE	
750 N.Greenfield Pkwy,Garner,NC 27529		3/4/2025 DATE SIG. INVENTORY NO. 08-0524