

(remove jumpers and set switches as shown)

ON OFF
WD ENABLE
SW2

18 CHANNEL PROGRAM CARD

10-18	11-18	12-18	13-18	14-18	15-18	16-18	17-18	1-18	
10-17	11-17	12-17	13-17	14-17	15-17	16-17	2-18	1-17	
10-16	11-16	12-16	13-16	14-16	15-16	3-18	2-17	1-16	
10-15	11-15	12-15	13-15	14-15	4-18	3-17	2-16	1-15	
10-14	11-14	12-14	13-14	5-18	4-17	3-16	2-15	1-14	
10-13	11-13	12-13	6-18	5-17	4-16	3-15	2-14	1-13	
10-12	11-12	7-18	6-17	5-16	4-15	3-14	2-13	1-12	
10-11	8-18	7-17	6-16	5-15	4-14	3-13	2-12	1-11	
9-18	8-17	7-16	6-15	5-14	4-13	3-12	2-11	1-10	
9-17	8-16	7-15	6-14	5-13	4-12	3-11	2-10	1-9	
9-16	8-15	7-14	6-13	5-12	4-11	3-10	2-9	1-8	
9-15	8-14	7-13	6-12	5-11	4-10	3-9	2-8	1-7	
9-14	8-13	7-12	6-11	5-10	4-9	3-8	2-7	1-6	
9-13	8-12	7-11	6-10	5-9	4-8	3-7	2-6	1-5	
9-12	8-11	7-10	6-9	5-8	4-7	3-6	2-5	1-4	
9-11	8-10	7-9	6-8	5-7	4-6	3-5	2-4	1-3	
9-10	8-9	7-8	6-7	5-6	4-5	3-4	2-3	1-2	

COMPONENT SIDE

ON →

RF 2010	
RP DISABLE	
WD 1.0 SEC	
GY ENABLE	
SF#1 POLARITY	
LEDGuard	
RF SSM	
FYA COMPACT	
FYA 1-9	
FYA 3-10	
FYA 5-11	
FYA 7-12	

OPTIONS

FYA

ON →

1	
2	
3	
4	
5	
6	
7	
8	

SSM

ON →

9	
10	
11	
12	
13	
14	
15	
16	
17	
18	

SSM

■ = DENOTES POSITION OF SWITCH

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.
4. The cabinet and controller are part of the Old US 64 - Closed Loop System, D09-33 Lexington.

Controller.....	2070LX
Cabinet.....	332 w/ Aux
Software.....	Q-Free MAXTIME
Cabinet Mount.....	Base
Output File Positions.....	18 With Aux. Output File
Load Switches Used.....	S2, S4, S5, S8, AUX S1, AUX S4
Phases Used.....	2, 3, 4, 6
Overlap "1".....	*
Overlap "2".....	Not Used
Overlap "3".....	*
Overlap "4".....	Not Used

[illegible]

Overlap	1	2	3	4
Type	Normal	-	Normal	-
Included Phases	3.6	-	2.4	-
Modifier Phases	-	-	-	-
Modifier Overlaps	-	-	-	-
Trail Green	0	0	0	0
Trail Yellow	4.1	0.0	4.1	0.0
Trail Red	1.6	0.0	1.6	0.0

Channel	Control Type	Control Source	Flash Yellow	Flash Red	Flash Alt	MMU Channel
1	Phase Vehicle	1		X	X	1
2	Phase Vehicle	2		X		2
3	Phase Vehicle	3		X	X	3
4	Phase Vehicle	4		X		4
5	Phase Vehicle	5		X		5
6	Phase Vehicle	6		X	X	6
7	Phase Vehicle	7		X		7
8	Phase Vehicle	8		X	X	8
9	Overlap	1		X	X	9
10	Overlap	2		X	X	10
11	Overlap	3		X		11
12	Overlap	4		X		12
13	Phase Ped	2				13
14	Phase Ped	4				14
15	Phase Ped	6				15
16	Phase Ped	8				16
17	Overlap	5		X	X	17
18	Overlap	6		X		18

[illegible]

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
2A	TB2-5.6	I2U	39	1	2	2			X		X	
2B	TB2-7.8	I2L	43	5	3	2			X		X	
3A	TB4-5.6	I5U	58	20	7	3	5.0		X		X	
4A	TB4-9.10	I6U	41	3	8	4	5.0		X		X	
6A	TB3-5.6	J2U	40	2	16	6			X		X	
6B	TB3-7.8	J2L	44	6	17	6			X		X	

FILE J _____
SLOT 2 _____
LOWER _____

Electrical and Programming Details For:	SR 1192 (W. 5th Avenue) at SR 1277 (Central Avenue) and SR 1291 (National Boulevard)	SEAL 																		
Prepared in the Offices of: 	Division 9 Davidson County In Lexington																			
	PLAN DATE: March 2025 REVIEWED BY:																			
	PREPARED BY: Tim Langston REVIEWED BY:																			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REVISIONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS	INIT.	DATE																
REVISIONS	INIT.	DATE																		
750 N. Greenfield Pkwy, Garner, NC 27529		Dated/Signed by:  03/05/2025 44004-00000-000-0000 DATE																		