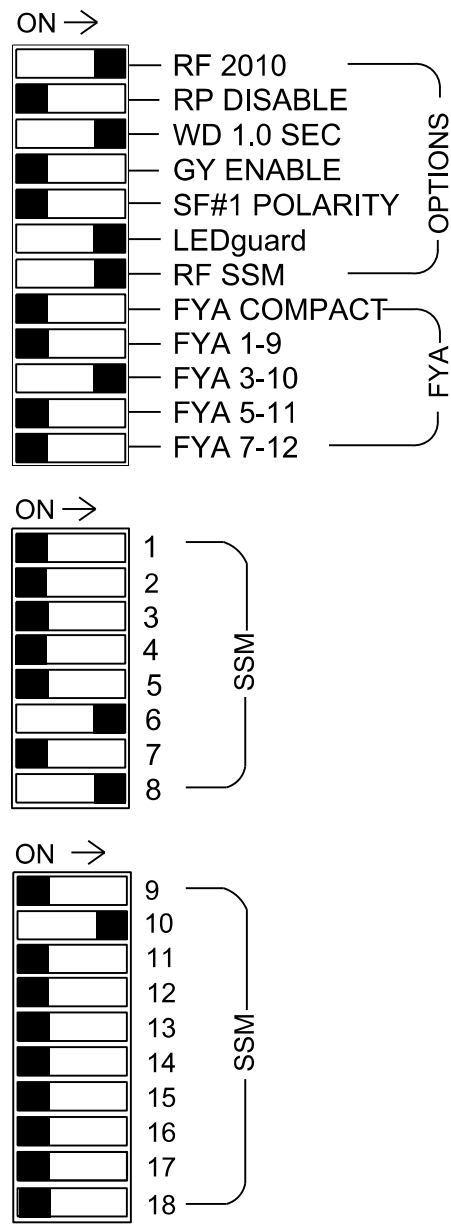


(remove jumpers and set switches as shown)

ON OFF
WD ENABLE
SW2



■ = DENOTES POSITION OF SWITCH

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.

3. Program controller to start up in phase 6 Green No Walk.

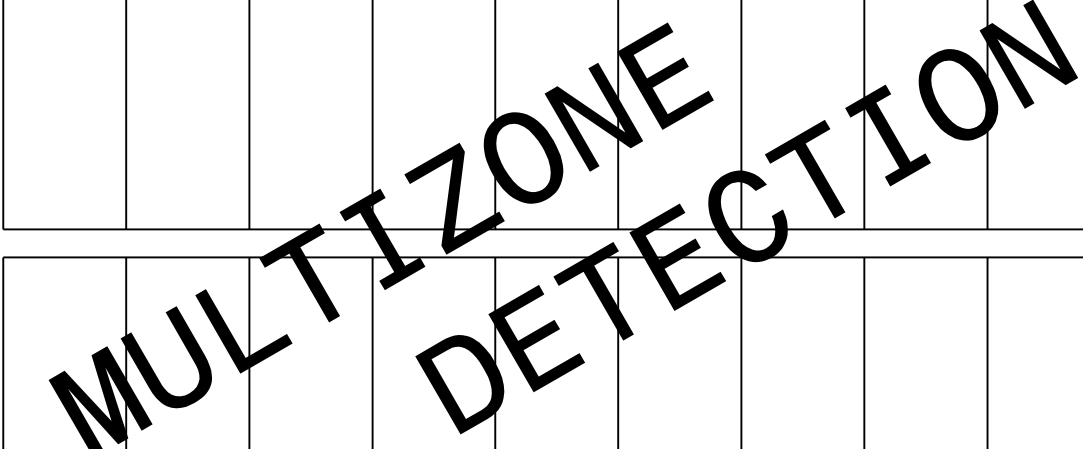
5. Program phases 6 for 3.0 seconds
Pre Clearance.

7. The cabinet and controller are part of the D03-38_Shallotte Signal System.

LOAD SWITCH NO. CMU CHANNEL 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
	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	ADVANCE BEACON	5	6	6 PED	7	8	8 PED	ADVANCE BEACON	OL1	OL2	OL5	OL3	OL4	OL6
SIGNAL HEAD NO.	NU	NU	NU	★ 31,32	NU	NU	63,85	NU	61,62	NU	NU	81,82	NU	64,66	NU	★ 31,32	NU	NU	NU	NU
RED									134			107								
YELLOW				★					135											
GREEN									136											
RED ARROW																A124				
YELLOW ARROW												108				A125				
FLASHING YELLOW ARROW																A126				
GREEN ARROW				118								109								
PED YELLOW							★ 105							★ 111						
						★							★							

★ See pictorial of head wiring in detail on this sheet.

(front view)



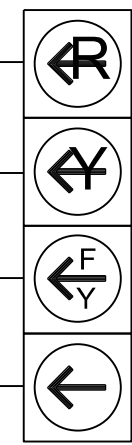
FS = FLASH SENSE
ST = STOP TIME

Alternate Phasing Programming on Sheet 2 assumes default MAXTIME detector assignments and layouts, as shown in the Input File Chart below.

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
3A	TB4-5,6	ISU	58	20	7	3	15		X		X	

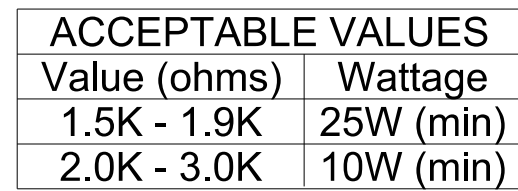
FILE J _____
SLOT 2 _____
LOWER _____

(wire signal heads as shown)



31,32

(install resistors as shown)



Controller.....	2070LX
Cabinet.....	332 w/ Aux
Software.....	Q-Free MAXTIME
Cabinet Mount.....	Base
Output File Positions.....	18 With Aux. Output File
Load Switches Used.....	S4, S6**, S8, S11, S12**, AUX S2
Phases Used.....	3, 6, 8
Overlap "1".....	NOT USED
Overlap "2".....	*
Overlap "3".....	NOT USED
Overlap "4".....	NOT USED
*See overlap programming detail on sheet 2	
**Used for advance beacons only	

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-1245
DESIGNED: March 2025
SEALED: 3-31-2025
REVISED: N/A

Electrical and Programming
Details For

750 N. Greenfield Pkwy, Garner, NC 27529

Division 3 Brunswick County Shallotte

PLAN DATE: March 2025	REVIEWED BY: GG Murr, Jr.
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PREPARED BY: JT Rowe	REVIEWED BY:
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REVISIONS	INIT.	DATE
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DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAR

A circular professional engineer seal for the State of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "JOHN T. ROWE JR." at the bottom. Inside this ring, the words "PROFESSIONAL" and "ENGINEER" are positioned at the top and bottom respectively. In the center of the seal, the word "SEAL" is above the number "008453". The seal is surrounded by a decorative border of small black dots.

John T. Rowe, Jr. 4-1-202

DEFF832009E7407 DATE

SIG. INVENTORY NO. 03-1245