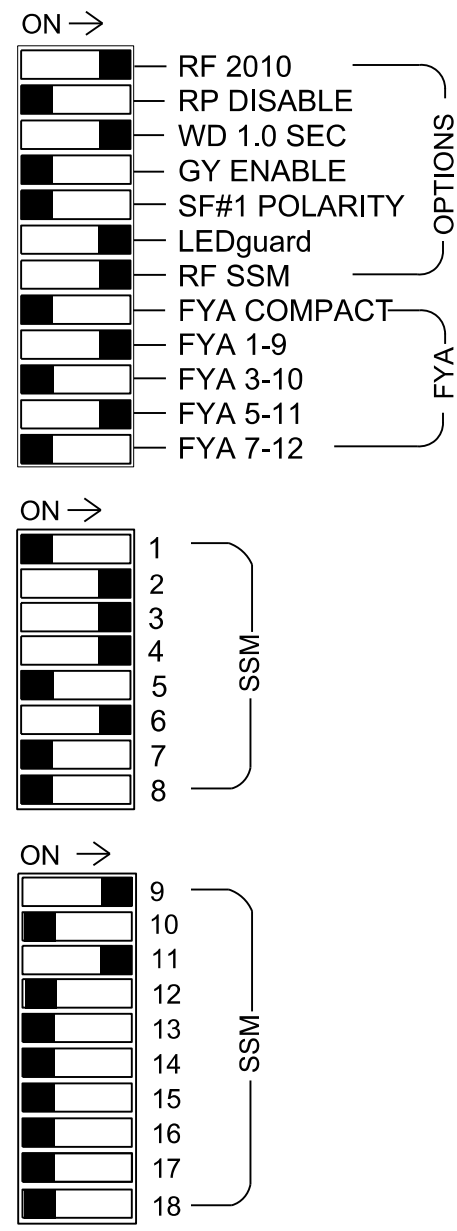


(remove jumpers and set switches as shown)

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.

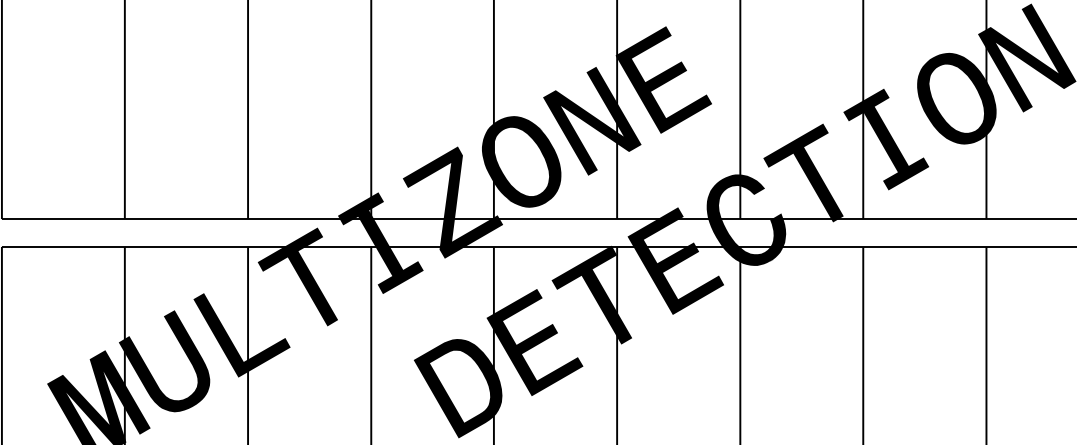
3. Program phases 2 and 6 for Advanced Warning.

5. If this signal will be managed by an ATMS software, enable controller and detector logging for all detectors used at this location.

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	ADVANCE BEACON	3			4		4 PED	ADVANCE BEACON	5	6	6 PED	ADVANCE BEACON	7	8	8 PED	ADVANCE BEACON	OL1	OL2	OL5	OL3	OL4	OL6
SIGNAL HEAD NO.	11	21,22,23	NU	25	31	32,33	62	41,42	43,44,45	NU	65	51	61,62,63	NU	26	NU	NU	NU	66	11	NU	NU	51	NU	NU
RED		128			116	116			101				134												
YELLOW	*	129			117	117			102			*	135												
GREEN		130			118	118			103				136												
RED ARROW								101											A121			A114			
YELLOW ARROW						117	102												A122			A115			
FLASHING YELLOW ARROW																			A123			A116			
GREEN ARROW	127				118		118	103				133													
PED YELLOW				**114							**105				**120			**111							
			*							*				*			*								

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

(front view)



FS = FLASH SENSE
ST = STOP TIME

Install a multizone microwave detection system for vehicle detection. Perform installation according to manufacturer's directions and NCDOT engineer approved mounting locations to accomplish the detection schemes shown on the Signal Design Plans.

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

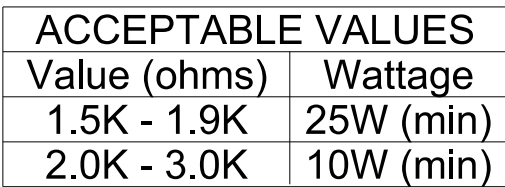
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT POINT	DETECTOR NO.	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN
1A	TB2-1,2	I1U	56	18	1	1	15		X		X	
				-	29	6			X	X		
5A	TB3-1,2	J1U	55	17	15	5	15		X		X	
				-	31	2			X	X		

FILE J _____
SLOT 2 _____
LOWER _____

(wire signal heads as shown)



(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.....	S1, S2, S3**,S4, S5, S6**, S7, S8, S9**, S12**, AUX S1, AUX S4

Phases Used.....1, 2, 3, 4, 5, 6

Overlap "1".....*

Overlap "2".....NOT USED

Overlap "3".....*

Overlap "4".....NOT USED

*See overlap programming detail on sheet 2

****Used for advance beacons only**

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-1244T1
DESIGNED: March 2025
SEALED: 3-31-2025
REVISED: N/A

TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel:919.789.9977
Fax:919.789.9591
License: F-0453

Electrical Detail - Sheet 1 of 3

US 17 (Ocean Highway West)

at

US 17 Bus (Main Street SW) /
 25-1010 (Old City Hall - Bus NW)

SR 1316 (Old Shallotte Rd NW)
3 Brunswick County Shallotte

DATE: March 2025	REVIEWED BY: GG Murr, Jr.
BY: JT Rowe	REVIEWED BY:

BY: JT Rowe		REVIEWED BY:	
REVISIONS		INIT.	DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



STATE OF NORTH CAROLINA



SEAL
008453



JOHN F. ENGINEER, JR.

Signed by:

John T. Rowe, Jr 4-1-20
DEEE832009E7407 DATE