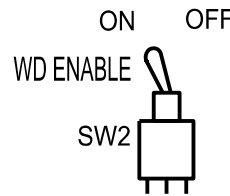


(remove jumpers and set switches as shown)

REMOVE DIODE JUMPERS 1-6, 1-9, 2-6, 2-9 and 6-9

[illegible]

YELLOW		DISABLE	
0100	0100		
0110	0200		
0120	0300		
0130	0400		
0140	0500		
0150	0600		
0160	0700		
0170	0800		
0180	0900		

[illegible]

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 US 264A/US 13 Signal System.

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, S5, S8, AUX S1
Phases Used.....	1, 2, 4, 6
Overlap "1".....	*
Overlap "2".....	NOT USED
Overlap "3".....	NOT USED
Overlap "4".....	NOT USED

*See overlap programming detail on sheet 2

[illegible]

NU = Not Used

* Denotes install load resistor. See load resistor installation detail this sheet.

★ See pictorial of head wiring in detail this sheet.

(front view)



Note: Remove jumper from I1-W to J4-W if present.

FS = FLASH SENSE
ST = STOP TIME

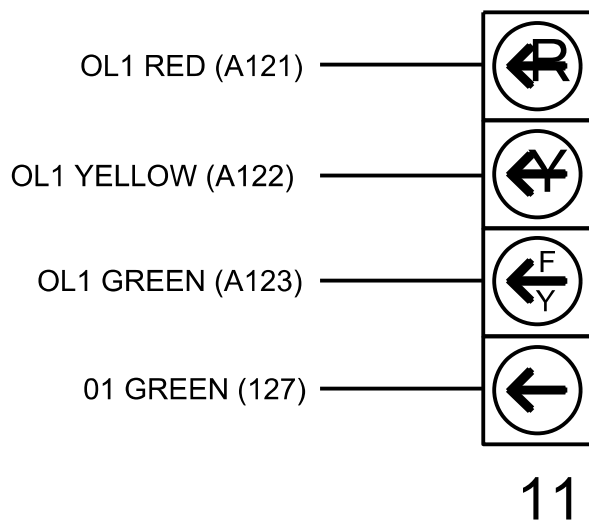
LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT POINT	DETECTOR NO.	CALL PHASE	DELAY TIME	EXTEND TIME	EXTEND	ADDED INITIAL	CALL	DELAY DURING GREEN
1A	TB2-1,2	11U	56	18	1 ★	1	15	---	X	-	X	-
					29 ★	6	---	---	X	-	X	-

★ See detector programming detail
for alternate phasing on sheet 2.

INPUT FILE POSITION LEGEND: J2L

FILE J _____
SLOT 2 _____
LOWER _____

(wire signal heads as shown)



ACCEPTABLE VALUES	
VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



PHASE 1 YELLOW FIELD
TERMINAL (126)

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.

For Detection Zone 1A, the equipment placement is typical for a NCDOT installation.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 02-0905
DESIGNED: July 2025
SEALED: 07/15/2025
REVISED: N/A

Electrical Detail - Sheet 1 of 2

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

ELECTRICAL AND PROGRAMMING DETAILS FOR:	US 13/US 264 Alternate at Greenville Southwest Bypass Ramps A/B	SEAL 						
Prepared for the Offices of: 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PLAN DATE: July 2025</td> <td style="width: 50%;">REVIEWED BY: S.G. Haynie</td> </tr> <tr> <td>PREPARED BY: A.M. Kollar</td> <td>REVIEWED BY:</td> </tr> </table>		PLAN DATE: July 2025	REVIEWED BY: S.G. Haynie	PREPARED BY: A.M. Kollar	REVIEWED BY:		
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750 N. Greenfield Pkwy, Garner, NC 27529	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> DocuSigned by  Steven G. Haynie/7/15/2025 DESIGNED AND DRAWN BY SIGNATURE DATE </td> </tr> <tr> <td style="width: 60%;">SIG. INVENTORY NO.</td> <td style="width: 40%;">02-0905</td> </tr> </table>		DocuSigned by  Steven G. Haynie/7/15/2025 DESIGNED AND DRAWN BY SIGNATURE DATE		SIG. INVENTORY NO.	02-0905		
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