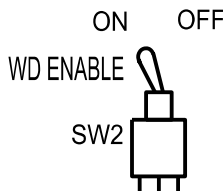


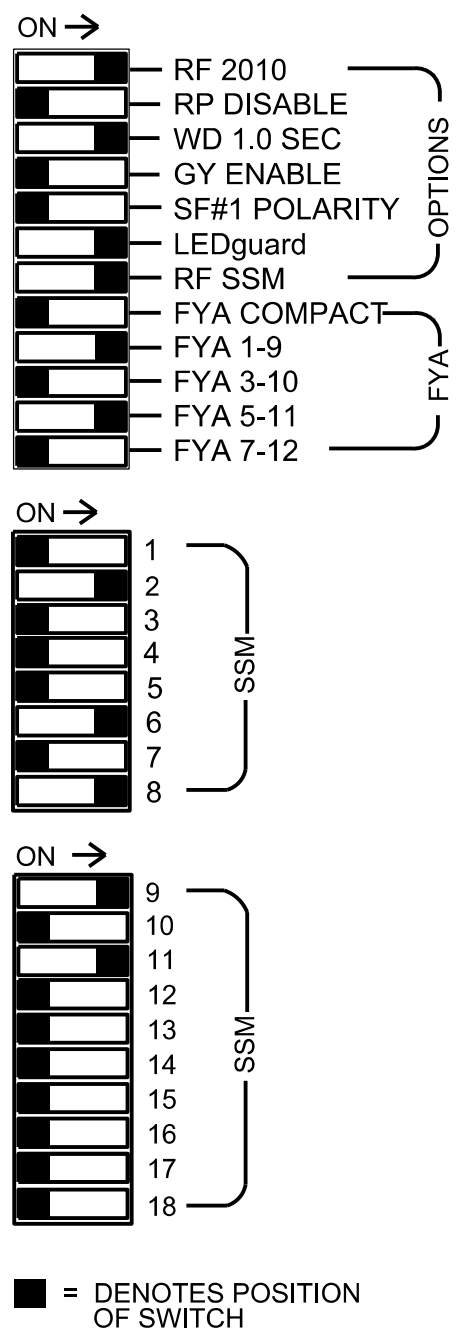
(remove jumpers and set switches as shown)

(remove jumpers and set switches as shown)

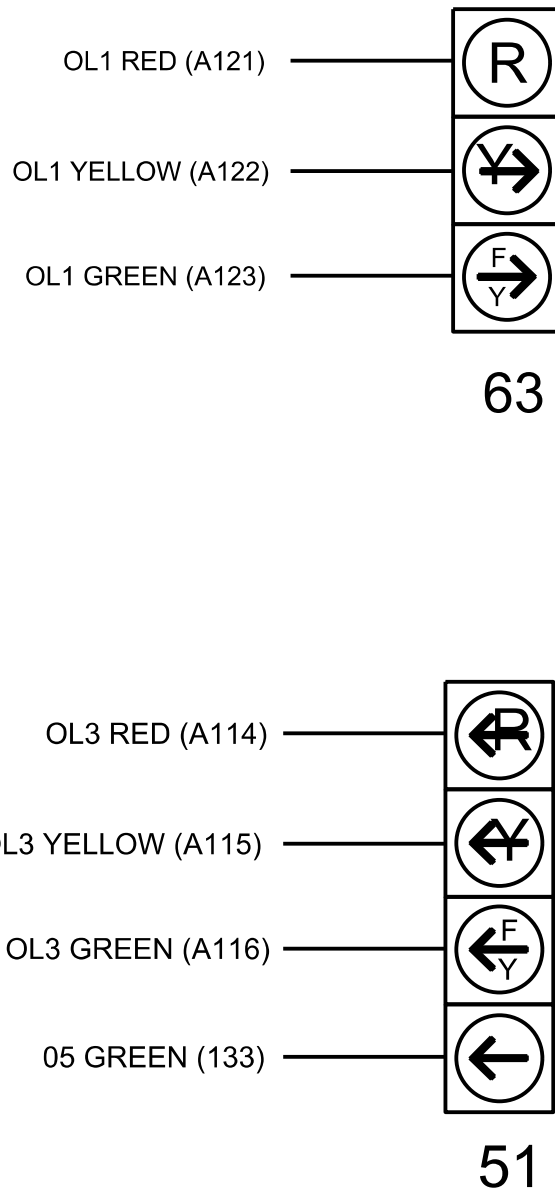


REMOVE JUMPERS AS SHOWN

- NOTES:
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. Integrate monitor with Ethernet network in cabinet.



(wire signal head as shown)

[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 Panel
Main Menu >Controller >Unit

Web Interface
Home > Controller > Unit

Modify parameters as shown below and save changes.

Start Up Parameters	Unit Flash Parameters				
<table> <tr> <td>StartUp Clearance Hold</td></tr> <tr> <td>6</td></tr> </table>	StartUp Clearance Hold	6	<table> <tr> <td>All Red Flash Exit Time</td></tr> <tr> <td>6</td></tr> </table>	All Red Flash Exit Time	6
StartUp Clearance Hold					
6					
All Red Flash Exit Time					
6					

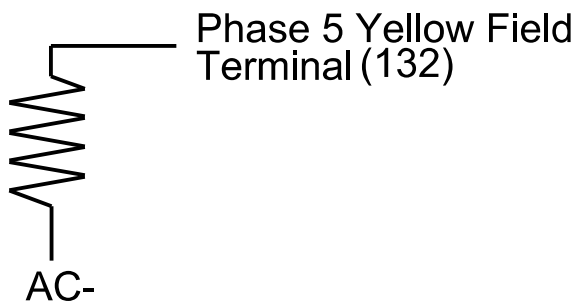
1. To prevent "flash-conflict" problems, insert red flash program blocks for all vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the signal plan.
2. Program controller to start up in phase 2 Green No Walk and phase 6 Green No Walk.
3. If 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 D13-02 Asheville 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.....	S2, S3, S7, S8, S9, S11, AUX S1, AUX S4
Phases Used.....	2, 2PED, 5, 6, 6PED, 8
Overlap "1".....	*
Overlap "2".....	NOT USED
Overlap "3".....	*
Overlap "4".....	NOT USED

*See overlap programming detail on Sheet 2.

(install resistor as shown)

ACCEPTABLE VALUES	
Value (ohms)	Wattage
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)



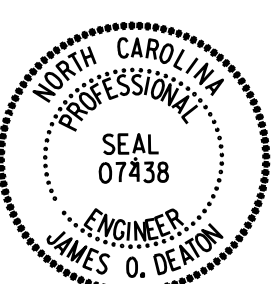
Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

Final (Phase IV Step 5)
Electrical Detail - Sheet 1 of 2

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 13-0073
DESIGNED: May 2026
SEALED: 08/07/2026
REVISED: N/A

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



DocuSigned by:
James O. Deaton 8/10/2026
40FF8AC430BD40F

SIG. INVENTORY NO. 13-0073

Electrical and Programming
Details For:

NC 191 (Brevard Road)
at
I-26 EB / I-240 WB Ramps

Division 13 Buncombe County Asheville

PLAN DATE:	May 2026	REVIEWED BY:	J O Deaton
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PREPARED BY: M W Yalch

REVISIONS	INIT.	DATE
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750 N. Greenfield Pkwy, Garner, NC 27529