

(set switches as shown)

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DO NOT REMOVE ANY JUMPERS

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 unused 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 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 321 Closed Loop 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.....	S4, S8
Phases Used.....	3, 6
Overlaps.....	NONE

[illegible]

NU = Not Used

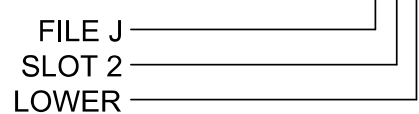
(front view)



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
3A	TB4-5,6	I5U	58	20	7	3			X		X	
3B	TB4-9,10	I6U	41	3	8	3			X		X	
6A	TB3-5,6	J2U	40	2	16	6			X	X	X	
6B	TB3-7,8	J2L	44	6	17	6			X	X	X	

INPUT FILE POSITION LEGEND: J2L



THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 11-1454
DESIGNED: Sept 2023
SEALED: 10/18/2023
REVISED: N/A

ELECTRICAL DETAIL

**ELECTRICAL AND PROGRAMMING
DETAILS FOR:**

Prepared for the Offices of



750 N.Greenfield Pkwy.Garner,NC 27529

stv

STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
(704) 372-1885
NC License Number F-0991

US 321 (Hickory Boulevard) NB
at U-Turn South of
SR 1108 (Mission Road)/
SR 1108 (Lower Cedar Valley Rd)

PLAN DATE: Sept 2023	REVIEWED BY: D.J. Darity
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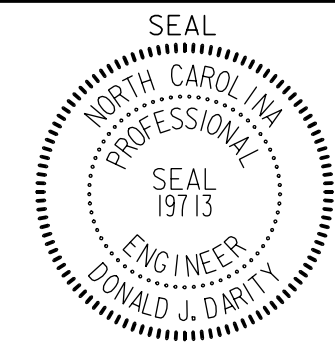
PLAN DATE:	Sept 2023	REVIEWED BY:	D.J. Darity
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PREPARED BY: R.L. Aristondo	REVIEWED BY: T.M. Moody
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REVISIONS	INIT.	DATE
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DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED



DocuSigned by

Donald J. Darity

58960097E72485
SIGNATURE

SIG. INVENTORY NO. 11-1454