

(set switches as shown)

ON →

RF 2010

RF DISABLE

WD 1.0 SEC

GY ENABLE

SF#1 POLARITY

LEDguard

RF SSM

FYA COMPACT

FYA 1-9

FYA 3-10

FYA 5-11

FYA 7-12

OPTIONS

FYA

ON →

1	ON
2	ON
3	ON
4	ON
5	ON
6	ON
7	ON
8	ON

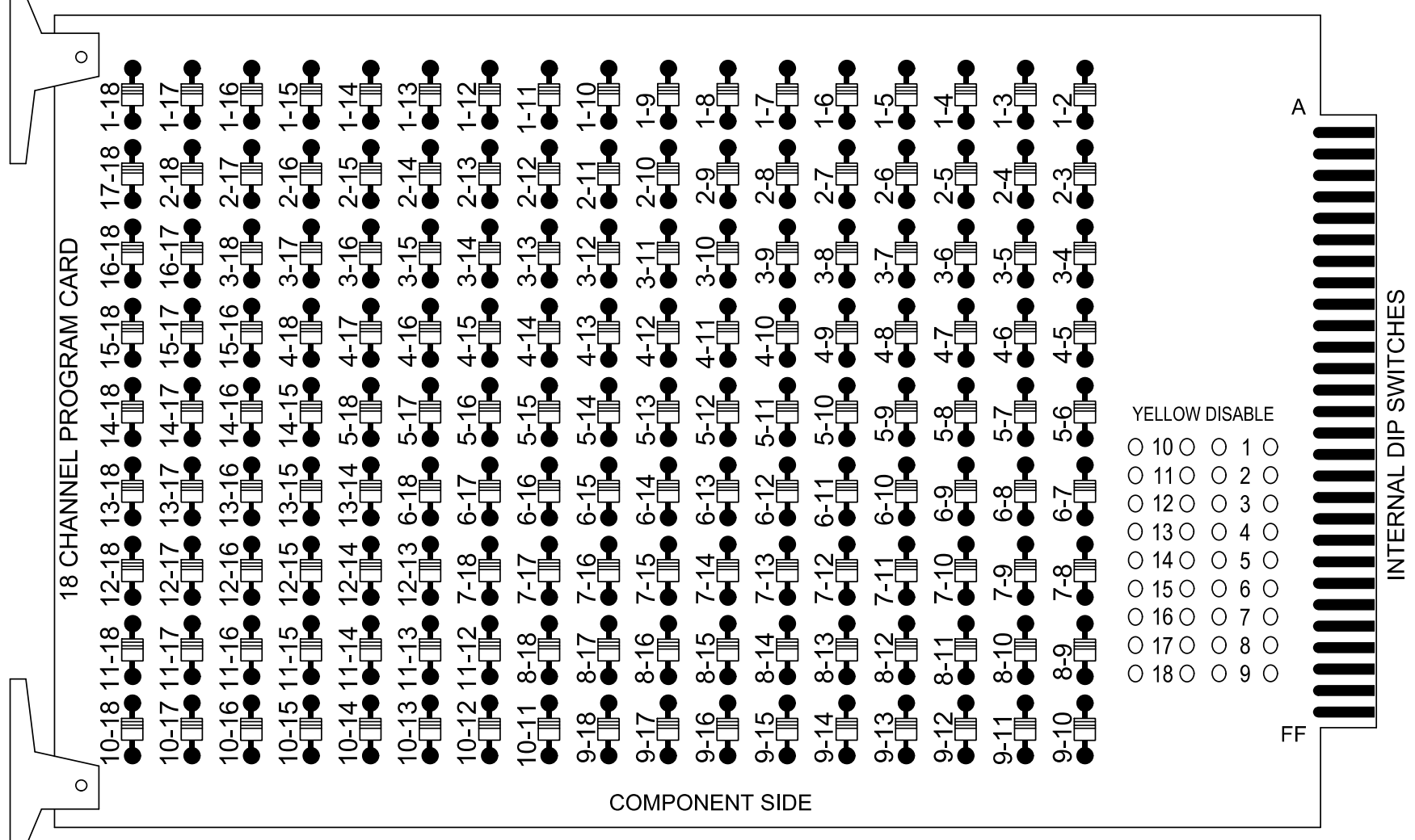
SSM

ON →

9	ON
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■ = DENOTES POSITION OF SWITCH

DO NOT REMOVE ANY DIODE JUMPERS.



DO NOT REMOVE ANY JUMPERS

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. Connect serial cable from conflict monitor to comm. port 1 of 2070 controller. Ensure conflict monitor communicates with 2070.

NOTES

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 2 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.

EQUIPMENT INFORMATION

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, S5
Phases Used.....	2, 4
Overlaps.....	NONE

	PROJECT REFERENCE NO.	SHEET NO.
	U-4700 CC	Sig. 6.1

SIGNAL HEAD HOOK-UP CHART

[illegible]

NU = Not Used

INPUT FILE POSITION LAYOUT

(front view)

[illegible]

EX. : 1A, 2A, ETC. = LOOP NO.'S

FS = FLASH SENSE
ST = STOP TIME

SPECIAL DETECTOR NOTE

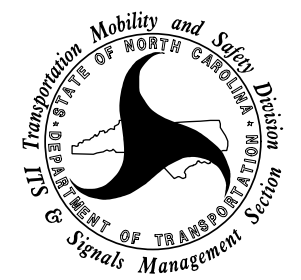
Install a video detection system for vehicle detection.
Perform installation according to manufacturer's directions and
NCDOT engineer-approved mounting locations to accomplish the
detection schemes shown on the Signal Design Plans.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 11-1452T
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
SR 1108 (Mission Road)/
SR 1108 (Lower Cedar Valley Rd)
Division 11 Caldwell County Hudson

PLAN DATE: Sept 2023	REVIEWED BY: D.J. Darity
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PREPARED BY: R. Leon	REVIEWED BY: H.M. Surti
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REVISIONS	INIT.	DATE
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[illegible]

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL



DocuSigned by

Douglas A. Parity 10/18/2023

589F69087E72185... DATE

SIG. INVENTORY NO. 11-1452T