Docusign Envelope ID: 71197EC2-917D-8BA7-83C4-FCEA6E6D6C21

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-3422B | Sig-7.5 |

## OUTPUT CHANNEL CONFIGURATION

Front Panel
Main Menu >Controller >More>Channels>Channels Config

Web Interface
Home >Controller >Advanced IO>Channels>Channel Configuration

Channel Configuration

| Channel | Control Type | Control Source | Flash Yellow | Flash Red | Flash Alt | MMU Channel |
|---|---|---|---|---|---|---|
| 1 | Phase Vehicle | 1 | | X | X | 1 |
| 2 | Phase Vehicle | 2 | | X | | 2 |
| 3 | Phase Vehicle | 3 | | X | X | 3 |
| 4 | Phase Vehicle | 4 | | X | | 4 |
| 5 | Phase Vehicle | 5 | | X | | 5 |
| 6 | Phase Vehicle | 6 | | X | X | 6 |
| 7 | Phase Vehicle | 7 | | X | | 7 |
| 8 | Phase Vehicle | 8 | | X | X | 8 |
| 9 | Overlap | 1 | | X | X | 9 |
| 10 | Overlap | 2 | | X | X | 10 |
| 11 | Overlap | 3 | | X | | 11 |
| 12 | Overlap | 4 | | X | | 12 |
| 13 | Phase Ped | 2 | | | | 13 |
| 14 | Phase Ped | 4 | | | | 14 |
| 15 | Phase Ped | 6 | | | | 15 |
| 16 | Phase Ped | 8 | | | | 16 |
| 17 | Overlap | 5 | | X | X | 17 |
| 18 | Overlap | 6 | | X | | 18 |

## SPECIAL DETECTION IO MODULE PROGRAMMING

The Enhanced Out of Pavement Detection requires adjustments to the IO Modules in use. Follow the programming instructions below to ensure desired operation.

Front Panel
Main Menu >Controller >More >Advanced IO >IO Modules

Web Interface
Home >Controller >Advanced IO >Cabinet Configuration >IO Modules

IO Module 1

| IO Module | Type | Fault Response |
|---|---|---|
| 1 | Caltrans 332 | Default |
| 2 | TS2 DR3 BIU | Default |
| 3 | TS2 DR4 BIU | Default |
| 4 | TS2 MMU | Default |

Advanced Cabinet Options

☑ Disable TS2 Cabinet Alarms

## SDLC NON-INTRUSIVE DETECTION CHART

| | Detector Rack #3 | | Detector Rack #4 | |
|---|---|---|---|---|
| Input Point | Det # (Index) | Detector Zone | Det # (Index) | Detector Zone |
| 1 | 33 | 1A | 49 | 1B |
| 2 | 34 | 3A | 50 | 3B |
| 3 | 35 | 5A | 51 | 5B |
| 4 | 36 | 7A | 52 | 7B |
| 5 | 37 | NU | 53 | NU |
| 6 | 38 | 2A | 54 | 6A |
| 7 | 39 | NU | 55 | NU |
| 8 | 40 | NU | 56 | NU |
| 9 | 41 | NU | 57 | NU |
| 10 | 42 | NU | 58 | NU |
| 11 | 43 | NU | 59 | NU |
| 12 | 44 | 4A | 60 | 8A |
| 13 | 45 | 4B | 61 | 8B |
| 14 | 46 | NU | 62 | NU |
| 15 | 47 | NU | 63 | NU |
| 16 | 48 | NU | 64 | NU |

NU = Not Used

THIS PLAN SUPERSEDES THE PLAN SEALED ON 12/22/2023

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0357
DESIGNED: Oct 2026
SEALED: 10/9/2026
REVISED: N/A

Electrical Detail - Sheet 2 of 2
Final Design

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for:
Traffic Engineering Branch, Mobility and Safety Division, NCDOT, Traffic Signals Management Section
750 N.Greenfield Pkwy,Garner,NC 27529

SR 1003 (Camden Road)
at
SR 1596(N. Main St./Hope Mills Rd.)

Division 6 Cumberland County Hope Mills

| | | | |
|---|---|---|---|
| PLAN DATE: | October 2026 | REVIEWED BY: | BN Groome |
| PREPARED BY: | DS Griffith | DRMP PROJ. NO.: | 24941 |

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 052936 ENGINEER BRITTANY N GROOME

Signed by: Brittany Groome
1E0934DE10A44A...
SIGNATURE 10/09/2026 DATE

SIG. INVENTORY NO. 06-0357