

OUTPUT CHANNEL CONFIGURATION

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

Web Interface
Home >Controller >Advanced IO>Channels>Channels 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 | Overlap | 7 | | 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 |

NOTE OL7 ASSIGNED
TO CHANNEL 3

↑
↑
NOTE: ALL RED FLASH

MAXTIME STARTUP AND SOFTWARE FLASH PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Unit

Web Interface
Home >Controller >Unit

Modify parameters as shown below and save changes.

Start Up Parameters

| | |
|------------------------|---|
| StartUp Clearance Hold | 6 |
|------------------------|---|

Unit Flash Parameters

| | |
|-------------------------|---|
| All Red Flash Exit Time | 6 |
|-------------------------|---|

MAXTIME OVERLAP PROGRAMMING DETAIL FOR DEFAULT PHASING

Front Panel
Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface
Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

| Overlap | 1 | 2 | 3 | 5 | 7 |
|-------------------|-----------------|-----------------|-----------------|--------|--------|
| Type | FYA - 4 Section | FYA - 4 Section | FYA - 4 Section | Normal | Normal |
| Included Phases | 2 | 6 | 6 | 3 | 4 |
| Modifier Phases | 1 | 4 | 5 | - | - |
| Modifier Overlaps | - | - | - | - | - |
| Trail Green | 0 | 0 | 0 | 0 | 0 |
| Trail Yellow | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Trail Red | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

MAXTIME OVERLAP PROGRAMMING DETAIL FOR ALTERNATE PHASING

Front Panel
Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

Web Interface
Home >Controller >Overlap Configuration >Overlaps

In the table view of the web interface, right click on "Overlap" in the top left corner of the table. Copy the entire contents of Overlap Plan 1. Paste Overlap Plan 1 into Overlap Plan 2. Modify Overlap Plan 2 as shown below and save changes.

Overlap Plan 2

| Overlap | 1 | 2 | 3 | 5 | 7 |
|-------------------|-----------------|-----------------|-----------------|--------|--------|
| Type | FYA - 4 Section | FYA - 4 Section | FYA - 4 Section | Normal | Normal |
| Included Phases | - | 6 | - | 3 | 4 |
| Modifier Phases | 1 | 4 | 5 | - | - |
| Modifier Overlaps | - | - | - | - | - |
| Trail Green | 0 | 0 | 0 | 0 | 0 |
| Trail Yellow | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Trail Red | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

NOTICE
INCLUDED
PHASE

SEQUENCE DETAIL

Front Panel
Main Menu >Controller >Sequence & Phs Config>Sequences

Web Interface
Home >Controller >Sequence

Sequence 1

| Ring | Sequence Data |
|------|---------------|
| 1 | 1,2,a,3,4,b |
| 2 | 5,6,a,b |
| 3 | 39,c,40,d |

MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOPS 1A & 5A

Front Panel
Main Menu >Controller >Detector >Veh Det Plans

Web Interface
Home >Controller >Detector Configuration >Vehicle Detectors

In the table view of web interface right click on "Detector" in the top left corner of the table. Copy the entire contents of Detector Plan 1. Paste Detector Plan 1 into Detector Plan 2. Modify Detector Plan 2 as shown below and save changes.

Plan 2

| Detector | Call Phase | Delay |
|----------|------------|-------|
| 1 | 1 | - |
| 29 | 0 | - |

| Detector | Call Phase | Delay |
|----------|------------|-------|
| 15 | 5 | - |
| 31 | 0 | - |

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-1387T1
DESIGNED: Jan 2026
SEALED: 1/27/2026
REVISED:

Temporary Design 1 - TMP Phase III, Step 3
Electrical Detail - Sheet 2 of 4

Electrical and Programming
Details For:

Prepared for the Offices of:
North Carolina Department of Transportation
Division of Transportation
Transportation, Mobility and Safety Division
Section of Transportation
Section of Signals Management Section

NC 211 (N. Roberts Avenue)
at
Boomerang Drive / Restaurant Driveway

Division 6 Robeson County Lumberton
PLAN DATE: Jan 2026 REVIEWED BY: B.J. Roth-Roffy
PREPARED BY: J.C. Grimm REVIEWED BY: T.M. Moody
REVISIONS INIT. DATE
750 N. Greenfield Pkwy, Garner, NC 27529

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
RENT M. MOODY
1/27/2026
DRAFTED BY: B.J. Roth-Roffy
REVIEWED BY: T.M. Moody
DATE: 1/27/2026
SIG. INVENTORY NO. 06-1387T1

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