

MATIME OVERLAP PROGRAMMING 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 | 4 |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Type | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section |
| Included Phases | 2 | 4 | 6 | 8 |
| Modifier Phases | 1 | 3 | 5 | 7 |
| Modifier Overlaps | - | - | - | - |
| Trail Green | 0 | 0 | 0 | 0 |
| Trail Yellow | 0.0 | 0.0 | 0.0 | 0.0 |
| Trail Red | 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 | 4 |
|-------------------|-----------------|-----------------|-----------------|-----------------|
| Type | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section |
| Included Phases | - | - | - | - |
| Modifier Phases | 1 | 3 | 5 | 7 |
| Modifier Overlaps | - | - | - | - |
| Trail Green | 0 | 0 | 0 | 0 |
| Trail Yellow | 0.0 | 0.0 | 0.0 | 0.0 |
| Trail Red | 0.0 | 0.0 | 0.0 | 0.0 |

← NOTICE INCLUDED PHASE

MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING ZONES 1A, 3A, 5A & 7A

IMPORTANT!

Detector assignments shown in these tables are standard default assignments. If alternate detectors are assigned to the video detection zones, the information below must be modified to match the actual assignments used.

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 | 3.0 |
| 29 | 0 | 3.0 |

1A

| Detector | Call Phase | Delay |
|----------|------------|-------|
| 7 | 3 | 0.0 |
| 30 | 0 | 0.0 |

3A

| Detector | Call Phase | Delay |
|----------|------------|-------|
| 15 | 5 | 3.0 |
| 31 | 0 | 3.0 |

5A

| Detector | Call Phase | Delay |
|----------|------------|-------|
| 21 | 7 | 0.0 |
| 32 | 0 | 0.0 |

7A

MAXTIME ALTERNATE PHASING ACTIVATION DETAIL

To run alternate phasing, select a Pattern that is programmed to run Overlap Plan 2 and Detector Plan 2. A Pattern can be selected through the scheduler or manually by changing the Operational Mode.

| PHASING | OVERLAP PLAN | VEH DET PLAN |
|--|--------------|--------------|
| ACTIVE PLAN REQUIRED TO <u>RUN DEFAULT PHASING</u> | 1 | 1 |
| ACTIVE PLAN REQUIRED TO <u>RUN ALTERNATE PHASING</u> | 2 | 2 |

ALTERNATE PHASING CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN OVERLAP PLAN 2 AND VEHICLE DETECTOR PLAN 2 ACTIVATE TO CALL THE "ALTERNATE PHASING":

OVERLAP PLAN 2: Modifies overlap included phases for heads 11, 31, 51, and 71 to run protected turns only.

VEH DET PLAN 2: Disables phase 6 call on zone 1A and reduces delay time for phase 1 call on zone 1A to 3.0 seconds.

Disables phase 8 call on zone 3A and reduces delay time for phase 3 call on zone 3A to 0.0 seconds.

Disables phase 2 call on zone 5A and reduces delay time for phase 5 call on zone 5A to 3.0 seconds.

Disables phase 4 call on zone 7A and reduces delay time for phase 7 call on zone 7A to 0.0 seconds.

MAXTIME ALTERNATE PHASING PATTERN PROGRAMMING DETAIL

Front Panel
Main Menu >Controller >Coordination >Patterns

Web Interface
Home >Controller >Coordination >Patterns

Pattern Parameters

| Pattern | Veh Det Plan | Overlap Plan |
|---------|--------------|--------------|
| * | 2 | 2 |

* The Pattern number(s) are to be determined by the Division Traffic Engineer.

Electrical Detail - Temporary Design 2 - Sheet 2 of 2

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

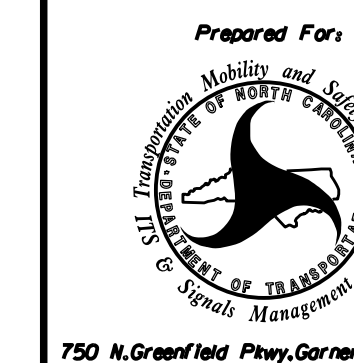
THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 09-0264T2
DESIGNED: August 2023
SEALED: 9/7/2023
REVISED: N/A

Prepared in the Office of:



NC FIRM LICENSE No: P-0339
320 Executive Court
Hillsborough, NC 27278
(919) 732-3883
(919) 732-6676 (FAX)

ELECTRICAL AND PROGRAMMING
DETAILS FOR:



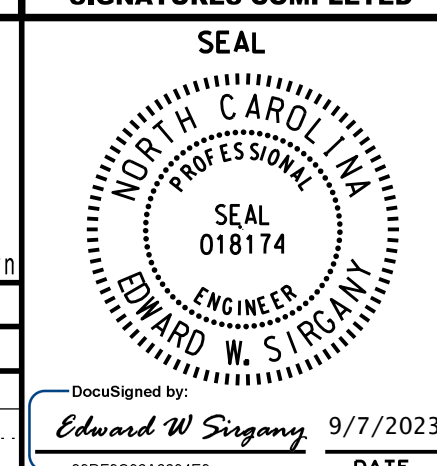
US 158 (Reidsville Road)
at
NC 66 (Old Hollow Road)

Division 9 Forsyth County Walkertown

PLAN DATE: August 2023 REVIEWED BY: E. Sirgany

PREPARED BY: J. Smith REVIEWED BY:

REVISIONS INIT. DATE



SIG. INVENTORY NO. 09-0264T2