

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

← NOTICE INCLUDED PHASE

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.

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 RUN DEFAULT PHASING | 1 | 1 |
| ACTIVE PLAN REQUIRED TO RUN ALTERNATE PHASING | 2 | 2 |

ALTERNATE PHASING CHANGE SUMMARY

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

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

VEH DET PLAN 2: Disables phase 6 call on loop 1A and reduces delay time for phase 1 call on loop 1A to 3 seconds.

Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 3 seconds.

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 |

↑
Notice Flash Red

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 | 3.0 |
| 29 | 0 | 3.0 |

1A

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

5A

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 |


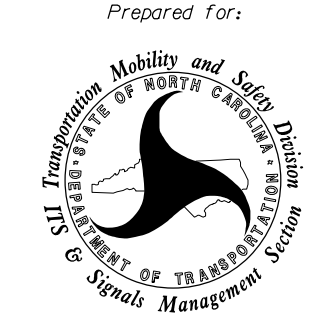

Unit Flash Parameters

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

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-1348T1
DESIGNED: Aug 2024
SEALED:
REVISED: N/A

Electrical Detail - Sheet 2 of 2
Temporary Design 1 - (TMP Phase I)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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|  DRMP, Inc. 8210 University Executive Park Drive, Suite 220 Charlotte, NC 28262 NC License No. F-1524 (704) 332-2289 www.DRMP.com | Prepared For:  SR 1003 (Camden Road) at SR 1113 (Waldos Beach Road)/ Waldos Beach Road | SEAL  Lisa M. Moon 10/3/2024 DATE |
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