| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-2577A | Sig. 26.2 |

## 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 | 4 |
|---|---|
| Type | FYA 4 - Section |
| Included Phases | 2 |
| Modifier Phases | 7 |
| Modifier Overlaps | - |
| Trail Green | 0 |
| Trail Yellow | 0.0 |
| Trail Red | 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 | 4 |
|---|---|
| Type | FYA 4 - Section |
| Included Phases | - |
| Modifier Phases | 7 |
| Modifier Overlaps | - |
| Trail Green | 0 |
| Trail Yellow | 0.0 |
| Trail Red | 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 and/or City 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 PLAN 2 AND VEHICLE DETECTOR PLAN 2 ACTIVATE TO CALL THE "ALTERNATE PHASING":

OVERLAP PLAN 2: Modifies overlap included phases for head 71 to run protected turns only.

VEH DET PLAN 2: Reduces delay time for phase 7 call on loop 7A to 0 seconds.

## MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOPS 7A

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 |
|---|---|---|---|
| 7A | 21 | 7 | 0 |

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0966T5
DESIGNED: February 2024
SEALED: February 12, 2024
REVISED:

Signal Upgrade - Temporary Design 5
(TMP Phase III Step 5) Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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Electrical and Programming Details For:

Prepared for the Offices of:
Transportation Mobility and Safety Division
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ITS & Signals Management Section
750 N. Greenfield Pkwy, Garner, NC 27529

US 158 EB (Reidsville Rd.)
at
SR 2385 (Darrow Road)

Division 9 | Forsyth County | Walkertown

| | | | |
|---|---|---|---|
| PLAN DATE: | February 2024 | REVIEWED BY: | DT Sears |
| PREPARED BY: | WP Erickson-Jones | REVIEWED BY: | |

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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 056142 ENGINEER W. PORTER JONES
DocuSigned by:
Porter Jones
D06E13E3A0E0498
2/12/2024
DATE

SIG. INVENTORY NO. 09-0996T5

2/12/2024
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wpjones