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 |
|-----------------|-----------------|
| Туре | FYA 4 - Section |
| Included Phases | 2 |
| Modifier Phases | 7 |
| 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 | |
|-----------------|-----------------|-----------------------|
| Туре | FYA 4 - Section | |
| Included Phases | ÷ | NOTICE INCLUDED PHASE |
| Modifier Phases | 7 | |
| Trail Green | 0 | |
| Trail Yellow | 0.0 | |
| Trail Red | 0.0 | |

MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOP 7A

Front Panel

Main Menu >Controller >Detector >Veh Det Plans

Web Interface

Plan 2

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.

7A

| Detector | Call Phase | Delay |
|----------|------------|----------|
| 21 | 7 | <u>-</u> |

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.

| OVERLAP PLAN | VEH DET PLAN |
|--------------|-------------------|
| 1 | 1 |
| 2 | 2 |
| | OVERLAP PLAN 1 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 71 and 72 to run protected turns only.

VEH DET PLAN 2: Reduces delay time for phase 7

call on loop 7A to 0 seconds.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 11-1462 DESIGNED: May 2023 SEALED: 5/24/2023 REVISED: N/A

Electrical Detail Sheet 2 of 2

ELECTRICAL AND PROGRAMMING

Prepared for the Offices of:

US 421-NC 16 at SR 1322 (Winkler Mill Rd)/ Stonecrest Oaks Pkwy West U-Turn

Division 11 Wilkes County Wilkesboro May 2023 REVIEWED BY: J. Ma PREPARED BY: M.L. Stygles REVIEWED BY: S.R. Chiluka REVISIONS INIT. DATE

Matt Stryler 5/24/2023 DATE SIG. INVENTORY NO. 11-1462

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