### U-5808 Sig. 5.3

## MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOPS 3A & 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

3A	

Detector	Call Phase	Delay
7	3	0
30	0	0

7	Ά	

Detector	Call Phase	Delay
21	7	0
32	0	0

# 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 heads 31 and 71 to run protected turns only.

VEH DET PLAN 2: Disables phase 8 call on loop 3A

and reduces delay time for phase 3 call on loop 3A to 0 seconds.

Disables phase 4 call on loop 7A and reduces delay time for phase 7 call on loop 7A to 0 seconds.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 10-2336
DESIGNED: September 2023
SEALED: September 8, 2023
REVISED: \_\_\_\_\_

NC FIRM LICENSE No: F-0493

8521 SIX FORKS ROAD, SUITE 400

RALEIGH, NC 27615

(919) 926-4100

Electrical Detail - Sheet 3 of 3

New Installation

Prepared in the Offices of:

Propared in the Offices of:

NORTH CARDINGS OF TRANSPORTED TO SERVICE OF TRANSPORTED TO SERVI

750 N. Greenfield Pkwy, Garner, NC 27529

SR 1362 (Chestnut Parkway Connector/ Chestnut Parkway)

at
SR 1367 (Matthews-Indian Trail Road)
Division 10 Union County Indian Tr

PLAN DATE: September 2023 REVIEWED BY: O. Drobny
PREPARED BY: S. G. Haynie REVIEWED BY:

REVISIONS INIT. DATE: DAT

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Docusigned by

Steven G. Hayney/8/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED