

PROJECT REFERENCE NO.	SHEET NO.
U-5760	Sig. 9.3

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 phase for head 11 to run protected turn only.

VEH DET PLAN 2: Disables phase 6 call on loop 1A and reduces delay time for phase 1 call on loop 1A to 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 and/or City Traffic Engineer.

LOGIC PROCESSOR PROGRAMMING

Front Panel
Main Menu >Controller >More >User Programs >Definition

Web Interface
Home >Controller >User Programs Configuration >User Programs Definition

Program 1

Statement	Result	Index	Operation	Parameter A	Index	Parameter B	Index	Delay	Ext
1	Phase Phase Omit	7	Result=A	Ped Call	8	None	0	0.0	0.0
2	Phase Phase Omit	8	Result=A	Phase On	7	None	0	0.0	0.0

LOGIC STATEMENT DESCRIPTION

Statement 1 Description: Omits phase 7 if there is a call on ped detector 8.

Statement 2 Description: Omits phase 8 if phase 7 is served.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 09-0362
DESIGNED: December 2024
SEALED: 08/04/2025
REVISED: N/A

Electrical Detail - Sheet 3 of 3

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

PLANS PREPARED IN THE OFFICE OF: Kimley»Horn NC License #F-0102 421 Fayetteville Street, Suite 600 Raleigh, NC 27601 (919) 677-2000 Prepared For:  750 N. Greenfield Pkwy, Garner, NC 27529	Big Mill Farm Road at US 421 SB / NC 150 EB (Salem Parkway) Ramps Division 9 Forsyth County Kernersville PLAN DATE: December 2024 REVIEWED BY: KP Baumann PREPARED BY: CF Davis REVIEWED BY: REVISIONS INIT. DATE _____ SIGNATURE DATE SIG. INVENTORY NO. 09-0362		SEAL NORTH CAROLINA PROFESSIONAL SEAL 044434 ENGINEER KEVIN P. BAUMANN DocuSigned by  8/4/2025