

## 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.

<u>PHASING</u>	<u>OVERLAP PLAN</u>	<u>VEH DET PLAN</u>
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 phases for heads 11, 31, 51, and 71 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 0 seconds.

Disables phase 8 call on loop 3A and reduces delay time for phase 3 call on loop 3A to 3 seconds.

Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 0 seconds.

Disables phase 4 call on loop 7A and reduces delay time for phase 7 call on loop 7A to 3 seconds.

This plan supersedes the plan sealed on 08/30/2024.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-1238  
DESIGNED: Feb 2025  
SEALED: 02/04/2025  
REVISED: N/A

**EXULT**  
ENGINEERING

304-F W. Millbrook Rd  
Raleigh, NC 27609  
984.500.5426  
www.exultengineering.com

NC License #C-4445

Electrical Detail - Sheet 7 of 7

ELECTRICAL AND PROGRAMMING DETAILS FOR:	US 74 (Andrew Jackson Hwy) at International Blvd	
PLAN DATE:	February 2025	EXULT PROJ. NO:
PREPARED BY:	SD Wilder	REVIEWED BY:
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

SEAL 032396

ENGINEER

WILLIAM J. HAMILTON

Signature: William J. Hamilton  
Date: 02/04/2025

SIG. INVENTORY NO. 03-1238

