

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 3.0 seconds.

Disables phase 4 call on loop 7A and reduces delay time for phase 7 call on loop 7A to 3.0 seconds.

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	2	4
Type	FYA 4 - Section	FYA 4 - Section
Included Phases	4	8
Modifier Phases	3	7
Modifier Overlaps	-	-
Trail Green	0	0
Trail Yellow	0.0	0.0
Trail Red	0.0	0.0

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.

3A	Plan 2		
	Detector	Call Phase	Delay
	7	3	3.0
	30	0	-

7A	Detector	Call Phase	Delay
	21	7	3.0
	32	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	2	4
Type	FYA 4 - Section	FYA 4 - Section
Included Phases	-	-
Modifier Phases	3	7
Modifier Overlaps	-	-
Trail Green	0	0
Trail Yellow	0.0	0.0
Trail Red	0.0	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.

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

MAXTIME STARTUP AND SOFTWARE FLASH  
PROGRAMMING DETAIL

Front Panel  
Main Menu >Controller >Unit

Web Interface  
Home >Controller >Unit

Modify parameters as shown below and save changes.

Start Up Parameters

StartUp Clearance Hold
6



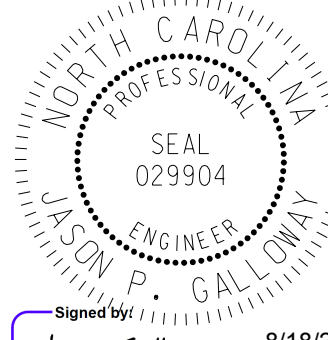
Unit Flash Parameters

All Red Flash Exit Time
6

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 04-0367  
DESIGNED: March 2025  
SEALED: 8/18/2025  
REVISED:

Final Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

<div><p>Stantec Consulting Services Inc. 801 Jones Franklin Road-Suite 300 Raleigh, NC 27606 Tel. (919) 851-6866 Fax. (919) 851-7024 www.stantec.com License No. F-0672</p></div>	<div><p>Electrical and Programming Details For:</p><p>Prepared for the Offices of:</p><div><p>750 N. Greenfield Pkwy, Garner, NC 27529</p></div></div>	<div><p>US 13 (Berkeley Boulevard) at SR 1003 (New Hope Road)</p><p>Division 4 Wayne County Goldsboro</p><table><tr><td>PLAN DATE: March 2025</td><td>REVIEWED BY: D A Waller</td></tr><tr><td>PREPARED BY: J Galloway</td><td>REVIEWED BY: R M Muncey</td></tr><tr><td>REVISIONS</td><td>INIT. DATE</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table></div>	PLAN DATE: March 2025	REVIEWED BY: D A Waller	PREPARED BY: J Galloway	REVIEWED BY: R M Muncey	REVISIONS	INIT. DATE							<div><div><p>SEAL 029904</p></div><p>Signed by: Jason Galloway 8/18/2025</p><table><tr><td>1001E2B40B46E</td><td>DATE</td></tr><tr><td>SIGNATURE</td><td> </td></tr><tr><td>SIG. INVENTORY NO.</td><td>04-0367</td></tr></table></div>	1001E2B40B46E	DATE	SIGNATURE		SIG. INVENTORY NO.	04-0367
PLAN DATE: March 2025	REVIEWED BY: D A Waller																				
PREPARED BY: J Galloway	REVIEWED BY: R M Muncey																				
REVISIONS	INIT. DATE																				
1001E2B40B46E	DATE																				
SIGNATURE																					
SIG. INVENTORY NO.	04-0367																				