

**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	1	2	7
Type	Normal	FYA 4 - Section	Normal
Included Phases	8, 39	6	3
Modifier Phases	-	-	-
Modifier Overlaps	-	7	-
Trail Green	7	0	7
Trail Yellow	3.0	0.0	3.0
Trail Red	2.4	0.0	2.4
Trail Green Omit Phases	39	-	-

**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	1	2	7
Type	Normal	FYA 4 - Section	Normal
Included Phases	8, 39	-	3
Modifier Phases	-	-	-
Modifier Overlaps	-	7	-
Trail Green	7	-	7
Trail Yellow	3.0	0.0	3.0
Trail Red	2.4	0.0	2.4
Trail Green Omit Phases	39	-	-

← NOTICE INCLUDED PHASE

**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 head 31 to run protected turns only.

VEH DET PLAN 2: Reduces delay time for phase 3 call on loop 3A to 0 seconds.

**MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOPS 3A.**

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

Detector	Call Phase	Delay
3A	7	3
		0

**OUTPUT CHANNEL CONFIGURATION**

Front Panel  
Main Menu >Controller >More>Channels>Channels Config

Web Interface  
Home >Controller >Advanced IO>Channels>Channels Configuration

**Channel Configuration**

Channel	Control Type	Control Source	Flash Yellow	Flash Red	Flash Alt	MMU Channel
1	Phase Vehicle	1		X	X	1
2	Phase Vehicle	2		X		2
3	Overlap	7		X	X	3
4	Phase Vehicle	4		X		4
5	Phase Vehicle	5		X		5
6	Phase Vehicle	6		X	X	6
7	Phase Vehicle	7		X		7
8	Phase Vehicle	8		X	X	8
9	Overlap	1		X	X	9
10	Overlap	2		X	X	10
11	Overlap	3		X		11
12	Overlap	4		X		12
13	Phase Ped	2				13
14	Phase Ped	4				14
15	Phase Ped	6				15
16	Phase Ped	8				16
17	Overlap	5		X	X	17
18	Overlap	6		X		18

→ NOTICE OVERLAP 7 ASSIGNED TO CHANNEL 3

**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:

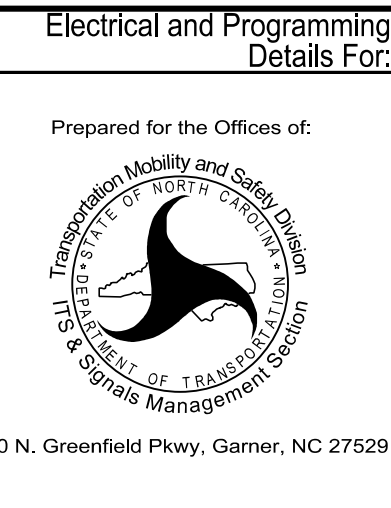
- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- REMOVE FLASHER UNIT 2.

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

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 08-0268  
DESIGNED: August 2024  
SEALED: August 28, 2024  
REVISED: N/A

New Installation-Final Design-Electrical Detail-Sheet 2 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



Electrical and Programming Details For:  
Prepared for the Offices of:  
Division 8 Hoke County Ashley Heights  
PLAN DATE: August 2024 REVIEWED BY: DT Sears  
PREPARED BY: VS Kondapally REVIEWED BY: W.P. Erickson-Jones

NC 211 WB (Aberdeen Rd)  
At  
SR 1219 (Plank Rd)  
REVISIONS INT. DATE  
DocuSigned by: Porter Jones  
8/28/2024  
SIG. INVENTORY NO. 08-0268