MAXTIME OVERLAP PROGRAMMING DETAIL

Front Panel

Main Menu >Controller >Overlap >Overlap Parameters/Overlap Timings

FOR DEFAULT PHASING

Web Interface

Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

Overlap	1	2	3
Туре	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section
Included Phases	2	6	6
Modifier Phases	1	٠	٠
Modifier Overlaps	<u> </u>	4	<u> </u>
Trail Green	0	0	0
Trail Yellow	0:0	0:0	0:0
Trail [.] Red	0:0	0:0	0:0

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	1	2	3
Туре	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section
Included Phases	<u> </u>	6	6
Modifier Phases	1	4	4
Modifier Overlaps	±	4	±
Trail Green	0	0	0
Trail Yellow	0:0	0:0	0:0
Trail [.] Red	0:0	0:0	0:0

NOTICE INCLUDED PHASE

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

Unit Flash Parameters All Red Flash Exit Time

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.

OVERLAP PLAN	VEH DET PLAN
1	1
2	2
	OVERLAP PLAN 1 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.

OUTPUT CHANNEL CONFIGURATION

Front Panel

Main Menu >Controller >More>Channels>Channels Config

Web Interface

Home >Controller >Advanced IO>Channels>Channel Configuration

Channel Configuration

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



PROJECT REFERENCE NO. U-5875

MAXTIME DETECTOR PROGRAMMING DETAIL FOR ALTERNATE PHASING LOOP 1A

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

1A

Detector	Call Phase	Delay
1	1	÷
29	0	<u>.</u>

MAXTIME ALTERNATE PHASING PATTERN PROGRAMMING DETAIL

Front Panel

Main Menu >Controller >Coordination >Patterns

Web Interface

Home >Controller >Coordination >Patterns

Pattern Parameters

<u>Pattern Parameters</u>				
Pattern Veh Det Plan		Overlap Plan		
*	2	2		

*The Pattern number(s) are to be determined by the Division and/or City Traffic Engineer.

> THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 02-0907 DESIGNED: July 2025 SEALED: 07/15/2025 REVISED: N/A

|Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMIN

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ivision 02 Pitt County Greenvill

REVIEWED BY: PLAN DATE: July 2025 . Haynie PREPARED BY: E.N. Rodriquez REVIEWED BY: REVISIONS



Steven G. Haynic 7/15/2025 SIG. INVENTORY NO.



