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	5	7
Туре	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	Normal
Included Phases	6	6	6	3
Modifier Phases	4	3	4	4
Modifier Overlaps	7	4	4	4
Trail Green	0	0	0	0
Trail Yellow	0:0	0:0	0.0	0.0
Trail Red	0:0	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	5	7	
Туре	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	Normal	
Included Phases	<u>-</u>	-	6	3	NOTICE
Modifier Phases	-	3	<u>-</u>	<u>-</u>	INCLUDED PHASI
Modifier Overlaps	7	<u> </u>	÷	÷	
Trail Green	0	0	0	0	
Trail Yellow	0.0	0.0	0.0	0:0	
Trail Red	0.0	0.0	0.0	0:0	

MAXTIME ALTERNATE PHASING PATTERN PROGRAMMING DETAIL

Front Panel

Main Menu >Controller >Coordination >Patterns

Web Interface

Home >Controller >Coordination >Patterns

Pattern Parameters

i attern i arameters						
Pattern	Veh Det Plan	Overlap Plan				
*	2	2				

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

OUTPUT CHANNEL CONFIGURATION

Front Panel

Main Menu >Controller >More>Channels>Channels Config

Web Interface

Home >Controller >Advanced IO>Channels>Channels Configuration

Channel Configuration

NOTICE OVER 45 7	Channel	Control Type	Control Source	Flash Yellow	Flash Red	Flash Alt	MMU Channel	
NOTICE OVERLAP 7 ASSIGNED TO	1	Overlap	7	Х	·	Χ	1	NOTICE CHANNEL : YELLOW FLASH
CHANNEL 1.	2	Phase Vehicle	2	Х	·		2	NOTICE CHANNEL 3
	3	Phase Vehicle	3	Х	·	Х	3	YELLOW FLASH
	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		8	
	9	Overlap	1	Х			9	NOTICE CHANNEL 44
	10	Overlap	2	Х			10	NOTICE CHANNEL 10 YELLOW FLASH
	11	Overlap	3	Х	·		11	TELLOW FLASE
	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	NOTICE CHANNEL 17
	17	Overlap	5	Х	·	Х	17	YELLOW FLASH
	18	Overlap	6	·	Χ		18	

MAXTIME ALTERNATE PHASING ACTIVATION DETAIL

ROJECT REFERENCE NO.

| Sig. 40.2

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 32 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 LOOP 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

Call Phase Delay 0

FLASHER CIRCUIT MODIFICATION DETAIL

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

- 1. ON REAR OF PDA REMOVE WIRE FROM TERM, T2-4 AND TERMINATE ON T2-2.
- 2. ON REAR OF PDA REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- 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: 09-0985T DESIGNED: February 2024 SEALED: February 12, 2024 **REVISED:**

New Installation - Temporary Design (TMP Phase III Step 3) Electrical Detail - Sheet 2 of 2

Electrical and Programming Details For: Prepared for the Offices of:

US 158 WB (Reidsville Rd.) SR 1965 (Belews Creek Rd.)

Walkertown PLAN DATE: February 2024 REVIEWED BY: DT Sears

PREPARED BY: WP Erickson-Jones REVIEWED BY: REVISIONS

056142 Porter Jones

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

2/12/202 DATE 09-0985T SIG. INVENTORY NO.

8601 Six Forks Road Suite 700 | Raleigh, North Carolina 27615-296 NC License No. F-0112 Engineers | Construction Managers | Planners | Scientists

RKK

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