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Fernando Vazquez AT CHA-FAZ02EZ

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	Unit Flash Parameters
StartUp Clearance Hold	All Red Flash Exit Time
6	6

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.

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	1	2	3	4	7
Type	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	Normal
Included Phases	2	6	6	4	4
Modifier Phases	1	4	5	-	-
Modifier Overlap	-	-	-	-	-
Trail Green	0	0	0	0	0
Trail Yellow	0.0	0.0	0.0	0.0	0.0
Trail Red	0.0	0.0	0.0	0.0	0.0
FYA PED Delay	0.0	7.0	7.0	7.0	0.0

PED 3 PROGRAMMING AND OUTPUT CHANNEL CONFIGURATION

Front Panel
Main Menu >Controller >Detector >Ped Det Plans

Web Interface
Home >Controller >Detector Configuration >Pedestrian Detector

Plan 1

Detector	Descripton	Call Phase	Call Overlap
2		2	0
4		4	0
6		6	0
8		3	0

NOTICE PHASE 3 PED
ASSIGNED TO
DETECTOR 8 PED ➡

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	X	2
3	Overlap	7		X	X	3
4	Phase Vehicle	4		X	X	4
5	Phase Vehicle	5		X	X	5
6	Phase Vehicle	6		X	X	6
7	Phase Vehicle	7		X		7
8	Phase Vehicle	3		X		8
9	Overlap	1		X	X	9
10	Overlap	2		X	X	10
11	Overlap	3		X	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	3				16
17	Overlap	5		X	X	17
18	Overlap	6		X		18

NOTICE OVERLAP 7
ASSIGNED TO CHANNEL 3 ➡

NOTICE PHASE 3
ASSIGNED TO CHANNEL 8 ➡

NOTICE PHASE 3 PED
ASSIGNED TO CHANNEL 16 ➡

⬆
NOTICE FLASHING RED

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 14-0411
DESIGNED: Aug 2025
SEALED: 8/26/2025
REVISED: N/A

Electrical Detail - Sheet 2 of 3
Final Design



NC 107 (E Main Street) at SR 116 (Webster Road) / Alexander Street Division 14 Jackson County Sylva			
PLAN DATE: August 2025	REVIEWED BY: ZM Esposito		
PREPARED BY: DS Griffith	REVIEWED BY: BN Groome		
REVISIONS	INIT.	DATE	

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL
052936

SEAL
052936

ENGINEER
BRITTANY N. GROOME

Signed by: *Brittany Groome* 8/26/2025
DATE

SIG. INVENTORY NO. 14-0411