

21-AUG-2025 11:18
D:\c\jones\jones01\HDP_LIS_East_01\Documents\NCDOT\Western\01_v_Dn-Coi_L_M\NCDOT_6170_R5600_NC170_US23BUS\6_0_CAD_BIM\6_2_Work_Ln_Progress\R-5600_NCDOT_File_Structure\Traffic\Signal\Des\gn\Signal Management\14-0694\140694_sml.eia.2022mdd.dgn
K.Jones AT CHA-K.JONES

MAXTIME OVERLAP PROGRAMMING DETAIL

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

Web Interface
Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

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

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	Phase Vehicle	3		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		17
18	Overlap	6		X	X	18



NOTICE FLASHING RED

MAXTIME STARTUP AND SOFTWARE FLASH PROGRAMMING DETAIL

Front Panel
Main Menu>Controller>Unit

Web Interface
Home>Controller>Unit

Start Up Parameters

Startup Clearance Hold
6

Unit Flash Parameters

All Red Flash Exit Time
6

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 14-0694
DESIGNED: Aug 2025
SEALED: 8/26/2025
REVISED: N/A

Electrical Detail
Final Design - Sheet 2 of 2



ELECTRICAL AND PROGRAMMING DETAILS FOR:		NC 107 (E. Main Street) at SR 1352 (Walter Ashe Road) / SR 1449 (Cope Creek Road) Division 14 Jackson County Sylva	
PLAN DATE:	August 2025	REVIEWED BY:	BN Groome
PREPARED BY:	KA Jones	REVIEWED BY:	ZM Esposito
REVISIONS		INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

SEAL 052936

ENGINEER

Signed by: Brittany N Groome

8/26/2025

DATE

SIG. INVENTORY NO. 14-0694