

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

Web Interface
Home >Controller >Overlap Configuration >Overlaps
Overlap Plan 1

Overlap	1	2	3	4	6	7	8	9
Type	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	FYA 4 - Section	Normal	Normal	Normal
Included Phases	2	6; 9	6; 9	4	2	1; 9	1; 9	6; 9
Modifier Phases	1; 9	-	5	1; 9	-	-	-	-
Modifier Overlaps	-	-	-	-	-	-	-	-
Trail Green	0	0	0	0	0	0	0	0
Trail Yellow	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trail Red	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Negative Peds	-	-	-	4	-	-	-	-

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
6

Unit Flash Parameters

All Red Flash Exit Time
6

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	Overlap	8		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	Overlap	9		X	X	6	
	7	Overlap	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

Front Panel
Main Menu >Controller >Sequence & Phs Config>Sequences

Web Interface
Home >Controller >Sequence

Sequence 1

Ring	Sequence Data
1	1,2,a,9,b,4,c
2	5,6,a,b,8,c

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 10-0939
DESIGNED: July 2025
SEALED: 7/30/2025
REVISED: N/A

Electrical Detail - Sheet 2 of 2

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETE**

 NC FIRM LICENSE No: F-0493 1520 SOUTH BOULEVARD, SUITE 200 CHARLOTTE, NC 28203 (704) 752-0610	ELECTRICAL AND PROGRAMMING DETAILS FOR: <i>Prepared for the Office of:</i>  250 N. Greenfield Pkwy, Garner, NC 27529	SR 5544 (West Catawba Avenue) at SR 2195 (Torrence Chapel Road) / Liverpool Parkway Division 10 Mecklenburg County Cornelius <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PLAN DATE: July 2025</td> <td style="width: 50%;">REVISED BY: S.G. Haynie</td> </tr> <tr> <td>PREPARED BY: A.M. Kollar</td> <td>REVISED BY:</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REVISONS</th> <th style="width: 20%;">INIT.</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	PLAN DATE: July 2025	REVISED BY: S.G. Haynie	PREPARED BY: A.M. Kollar	REVISED BY:	REVISONS	INIT.	DATE															
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DocuSign
 7/30/2025
 SIGNATURE DATE
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