

OVERLAP PROGRAMMING

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
Type	Off	Off	FYA 4 - Section	Off
Included Phases	-	-	6	-
Modifier Phases	-	-	5	-
Modifier Overlaps	-	-	-	-
Neagtive Phases	-	-	1	-
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

← NOTICE NEGATIVE PHASES

PED 3 PROGRAMMING DETAIL

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

Web Interface
Home >Controller >Detector Configuration >Pedestrian Detector

Plan 1

Detector	Descriptor	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			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	3				16
17	Overlap	5		X	X	17
18	Overlap	6		X		18

NOTICE PHASE 3 PED
ASSIGNED TO CHANNEL 16 →

COMPATIBILITY

Front Panel
Main Menu >Controller >Sequence & Phs Config>
No Served Phase Plans

Web Interface
Home >Controller >Phase Configuration>
No Served Phase Plans

Sequence 1

Phase	No Serve Phase
1	5
2	
3	
4	
5	
6	
7	
8	

BACKUP PREVENTION PROGRAMMING

Front Panel
Main Menu >Controller >Sequence & Phs Config >Backup Prevention >
Backup Protection Plan

Web Interface
Home >Controller> Backup Prevention >Backup Protection Plan

Sequence 1

No Backup Phase	1	2	3	4	5	6	7	8
Serve Phase 2	X	-	-	-	-	-	-	-

ALL RED BACKUP PROGRAMMING

Front Panel
Main Menu >Controller >Sequence & Phs Config>Backup Prevention >
Backup Through Red

Web Interface
Home >Controller >Backup Prevention >Backup Calls Phase Plans >
(scroll down) to Backup Through Red

Backup Through All Red

Sequence	Backup Through All Red
1	YES

SEQUENCE DETAIL

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

Web Interface
Home >Controller >Sequence

Sequence 1

Ring	Sequence Data
1	1,2,a,3,4,b
2	6,5,a,b

← NOTICE REVERSED PHASES 6 AND 5

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-0363
DESIGNED: March 2024
SEALED: 03-15-2024
REVISED: N/A

LOGIC PROCESSOR PROGRAMMING

Front Panel
Main Menu >Controller >More >User Programs >Definition

Web Interface
Home >Controller >User Programs Configuration >User Programs Definition



Program 1

Statement	Result	Index	Operation	Parameter A	Index	Parameter B	Index	Delay	Ext
1	Omit Overlap	3	Result=(A or B)	Phase Next	1	Phase On	1	0.0	0.0
2	Phase Phase Omit	5	Result=Latch(A,B)	Phase Green	1	Phase Green	2	0.0	7.0

LOGIC STATEMENT DESCRIPTION

Statement 1 Description: If Phase 1 is NEXT or if Phase 1 is ON, the statement is true, and Overlap 3 (Head 51) is omitted (kept in RED).
Statement 2 Description: If phase 1 is green the statement is true (latch on). Phase 5 is omitted. It remains latched until 7 seconds after phase 2 green is ON.

Electrical Detail - Sheet 2 of 2

 <p>750 N. Greenfield Pkwy, Garner, NC 27529 License: F-0453</p>	<p>Electrical and Programming Details For:</p> <p>Prepared in the Offices of:</p> 	<p>SR 1596 (N. Main Street) at SR 1112 (Rockfish Road) / Hope Mills Plaza</p> <p>Division 6 Cumberland County Hope Mills</p> <p>PLAN DATE: March 2024 REVIEWED BY: J.T. Rowe PREPARED BY: J.T. Rowe REVIEWED BY: G.G. Murr, Jr.</p>	<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p>SEAL NORTH CAROLINA PROFESSIONAL ENGINEER JOHN T. ROWE JR. 008453</p> <p>DATE: _____ SIG. INVENTORY NO. 06-0363</p>															
	<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DESCRIPTION	INIT.	DATE												
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