

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 | 5 | 7 | 8 |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|--------|
| Type | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section | NORMAL | NORMAL |
| Included Phases | 4 | 8 | 8 | 4 | 6 | 1 | 5 |
| Modifier Phases | - | 1 | - | 5 | - | - | - |
| Modifier Overlaps | - | - | - | - | - | - | - |
| Trail Green | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trail Yellow | 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 |
| FYA Ped Delay | 5.0 | 6.0 | 6.0 | 5.0 | 7.0 | 0.0 | 0.0 |

NOTICE FYA
PED DELAY

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

| |
|------------------------|
| StartUp Clearance Hold |
| 6 |

Unit Flash Parameters

| |
|-------------------------|
| All Red Flash Exit Time |
| 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.

OUTPUT CHANNEL CONFIGURATION

Front Panel
Main Menu >Controller >More>Channels>Channels Config

Web Interface
Home >Controller >Advanced IO>Channels>Channel Configuration
Channel Configuration

NOTICE OVERLAP 7
ASSIGNED TO CHANNEL 3

NOTICE OVERLAP 8
ASSIGNED TO CHANNEL 7

| 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 | Overlap | 7 | | X | X | 3 |
| 4 | Phase Vehicle | 4 | | X | | 4 |
| 5 | Phase Vehicle | 5 | | X | | 5 |
| 6 | Phase Vehicle | 6 | | X | X | 6 |
| 7 | Overlap | 8 | | 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 |

NOTICE: FLASH RED

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: 08-0525
DESIGNED: October 2024
SEALED: 03/04/2025
REVISED: N/A

Electrical Detail Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

SR 2700 (Chatham Park Way) at South Village Parkway

Division 8 Chatham County Pittsboro

PLAN DATE: October 2024 REVIEWED BY: KP Baumann

PREPARED BY: SP Pennington REVIEWED BY:

| REVISIONS | INIT. | DATE |
|-----------|-------|------|
| | | |

SEAL

DocuSign Envelope ID: 5DC79A88BCB447

3/4/2025 DATE

SIG. INVENTORY NO. 08-0525

PLANS PREPARED IN THE OFFICE OF:

Kimley»Horn

NC License #F-0102
421 Fayetteville Street, Suite 600
Raleigh, NC 27601
(919) 677-2000

3/4/2025 10:00:11 AM susan.pennington k:\RAL\TPTD\SIGNALS\011036734_R-5963A\08-0525_1_08-0525_2025e.dgn