## 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 | Overlap | 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 | 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 |

NOTE: Phase Vehicle 1 → Changed to Overlap 1

NOTE: Phase Vehicle 7 → Changed to Overlap 7

## PED YELLOW CONFLICT MONITOR WIRING DETAIL
(make cabinet wiring changes as shown below)

In order to use FYA COMPACT mode the cabinet must be wired such that the (unused) Ped Yellow load switch outputs are wired to the conflict monitor as follows: From 2 PY (field term. 114) to Channel 9 Green (monitor pin 13).

Follow the instructions below to make the appropriate connections:

STEP 1: Fold down rear panel of output file.

STEP 2: Find unused wiring harness from conflict monitor card edge connector (which should be tied and bundled together).

STEP 3: Find the conductors that correspond to the following conflict monitor card edge pins and solder wire to the appropriate terminal on the rear of the output file as shown below:

CMU-13 ———————————— 2PY (term. 114)

NOTE: Some cabinet manufacturers use keyed connectors to accomplish this wiring configuration. If connectors are used, fold down the rear panel of the output file and find the set of 3 keyed connectors and connect them as shown below:

| | |
|---|---|
| 1-2PY | 1-CMU-13 |
| 2-4PY | 2-CMU-16 |
| 3-6PY | 3-CMU-R |
| 4-8PY | 4-CMU-U |
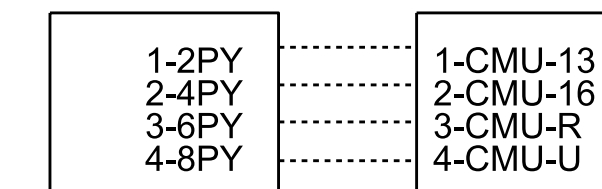
## FYA SIGNAL OUTPUT REMAPPING ASSIGNMENT PROGRAMMING DETAIL FOR SIGNAL HEAD 11

Front Panel
Main Menu >Controller >More >Advanced IO >Output Points

Web Interface
Home >Controller >Advanced IO >Cabinet Configuration >Output Points

IO Module 1

| Output Point | Descripton | Output Control Type | Index |
|---|---|---|---|
| 33 | C1-35 | Phase Green | 1 |
| 34 | C1-36 | Not Active | 15 |
| 35 | C1-37 | Not Active | 14 |
| 36 | C1-38 | Not Active | 16 |

NOTICE OUTPUT POINT 33 CONTROL TYPE & INDEX REASSIGNMENT →

## OVERLAP PROGRAMMING

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

Web Interface
Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

| Overlap | 1 | 7 |
|---|---|---|
| Type | FYA 4 - Section | FYA 4 - Section |
| Included Phases | 2 | 4 |
| Modifier Phases | 1 | - |
| Modifier Overlaps | - | - |
| Trail Green | 0 | 0 |
| Trail Yellow | 0.0 | 0.0 |
| Trail Red | 0.0 | 0.0 |

Electrical Detail - Sheet 2 of 2

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 11-1208T2
DESIGNED: February 2024
SEALED: 3/4/2024
REVISED: N/A

Electrical and Programming Details For:

Prepared in the Offices of:

US 601 (S. State Street)
at
US 421 Southbound Ramp

Division 11     Yadkin County     Yadkinville

| PLAN DATE: | November 2023 | REVIEWED BY: | |
|---|---|---|---|
| PREPARED BY: | Zarrar Zafar | REVIEWED BY: | |

REVISIONS

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

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DATE

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SIG. INVENTORY NO.     11-1208T2