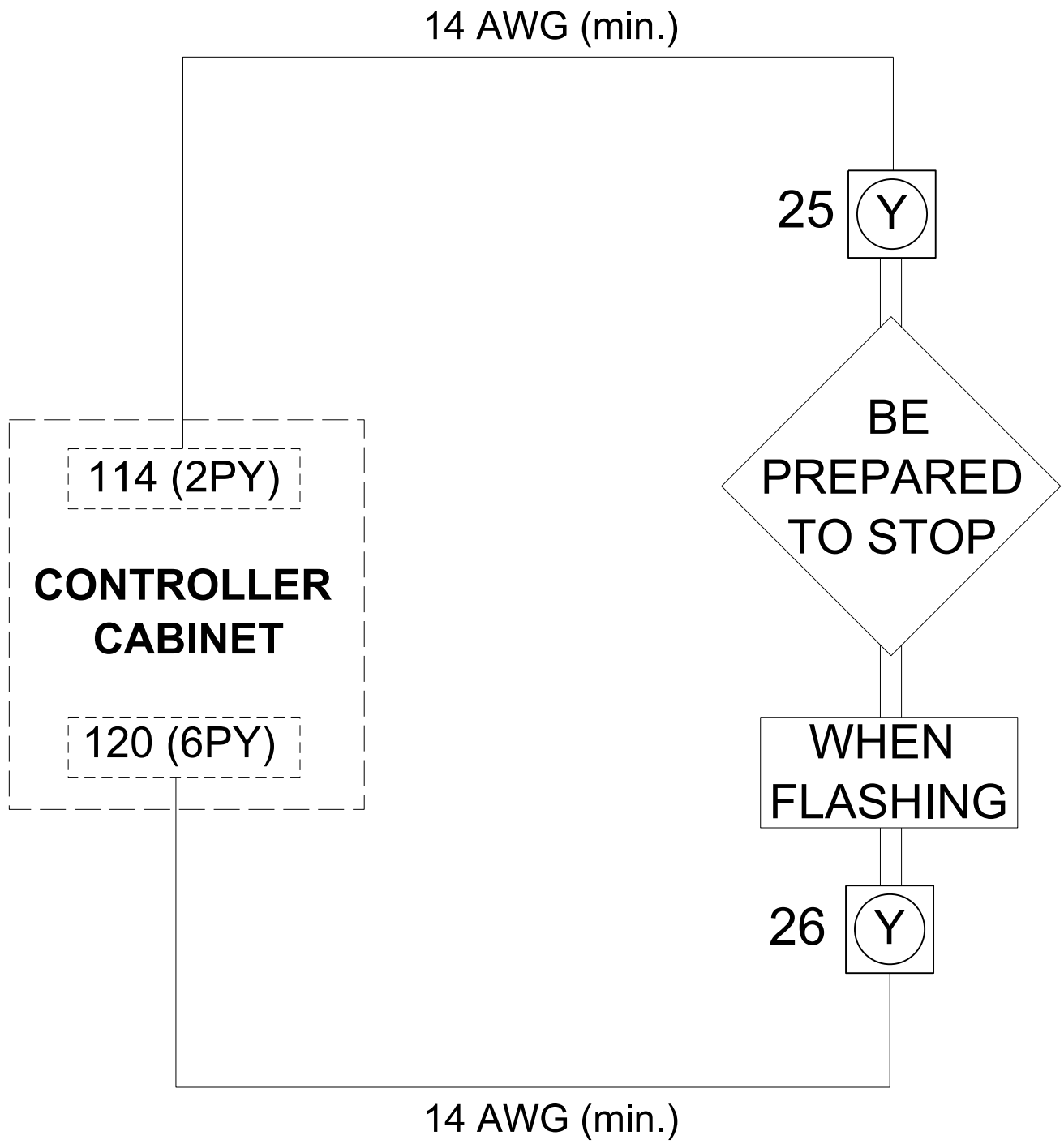


ADVANCE BEACON WIRING DETAIL

(wire flashers as shown below)



IMPORTANT

1. IF CONNECTED REMOVE, TAPE, AND LABEL CONFLICT MONITOR WIRE ATTACHED TO THE REAR OF TERMINAL 114 (2PY) AND TERMINAL 120 (6PY).
2. INSET LOADSWITCHES FOR S3 AND S9.
3. MAKE SURE LOAD RESISTORS ARE IN PLACE AS SHOWN IN LOAD RESISTOR INSTALLATION DETAIL ON SHEET 1.
4. TO ACTIVATE SIGN OPERATION AS INDICATED ON THE SIGNAL PLANS, REASSIGN OUTPUTS 33 AND 34 AS SHOWN ON THIS SHEET.

OUTPUT REMAPPING ASSIGNMENT
FOR SIGNAL HEADS 25, 26, 65, & 66

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

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

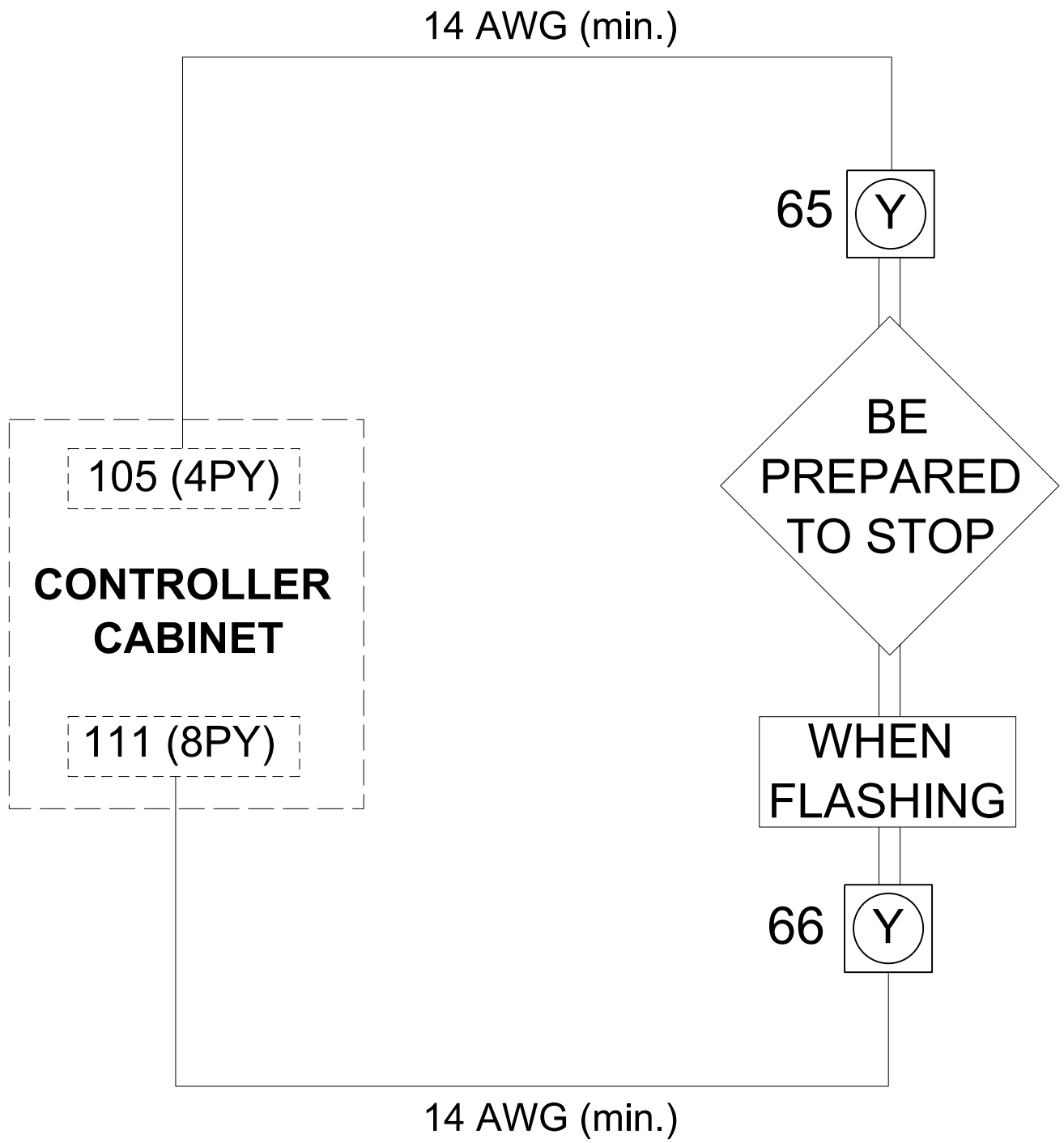
Modify IO Module 1 as shown below and save changes.

IO Module 1

| Output Point | Descripton | Output Control Type | Index |
|--------------|------------|--------------------------------|-------|
| 33 | C1-35 | Channel Green Walk Driver | 19 |
| 34 | C1-36 | Channel Red Do Not Walk Driver | 19 |
| 35 | C1-37 | Channel Green Walk Driver | 20 |
| 36 | C1-38 | Channel Red Do Not Walk Driver | 20 |

ADVANCE BEACON WIRING DETAIL

(wire flashers as shown below)



IMPORTANT

1. IF CONNECTED REMOVE, TAPE, AND LABEL CONFLICT MONITOR WIRE ATTACHED TO THE REAR OF TERMINAL 105 (4PY) AND TERMINAL 111 (8PY).
2. INSET LOADSWITCHES FOR S6 AND S12.
3. MAKE SURE LOAD RESISTORS ARE IN PLACE AS SHOWN IN LOAD RESISTOR INSTALLATION DETAIL ON SHEET 1.
4. TO ACTIVATE SIGN OPERATION AS INDICATED ON THE SIGNAL PLANS, REASSIGN OUTPUTS 35 AND 36 AS SHOWN ON THIS SHEET.

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 |
|--|---------|----------------------|----------------|--------------|-----------|-----------|-------------|
| NOTICE CHANNEL 2 FLASHES RED ➡ | 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 |
| NOTICE CHANNEL 6 FLASHES RED ➡ | 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 |
| NOTICE CHANNEL 9 FLASHES RED ➡ | 9 | Overlap | 1 | | X | X | 9 |
| | 10 | Overlap | 2 | | X | X | 10 |
| NOTICE CHANNEL 11 FLASHES RED ➡ | 11 | Overlap | 3 | | X | | 11 |
| | 12 | Overlap | 4 | | X | | 12 |
| PROGRAM CHANNELS 19 & 20 AS ADV. WARNING FLASHER ➡➡ | 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 |
| | 19 | Adv. Warning Flasher | 2 | | | | 19 |
| | 20 | Adv. Warning Flasher | 6 | | | | 20 |

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 |

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-1248T1
DESIGNED: March 2025
SEALED: 3-31-2025
REVISED: N/A

Electrical Detail - Sheet 2 of 2

Electrical and Programming
Details For:

Prepared in the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

US 17 Bypass (Ocean Highway W)
at
US 17 Bus (Main Street) /
Frontage Road NW

Division 3
Brunswick County
Shallotte

PLAN DATE: March 2025
REVIEWED BY: GG Murr, Jr.
PREPARED BY: JT Rowe
REVIEWED BY:

REVISIONS
INIT.
DATE

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
JOHN T. ROWE, JR.
008453
Signed by: John T. Rowe, Jr.
DATE: 4-1-2025
SIG. INVENTORY NO. 03-1248T1