ADVANCE BEACON WIRING DETAIL

(wire flashers as shown below)

14 AWG (min.)

23, 25 (Y)

BE PREPARED TO STOP

114 (2PY)

CONTROLLER CABINET

120 (6PY)

WHEN FLASHING

24, 26 (Y)

14 AWG (min.)
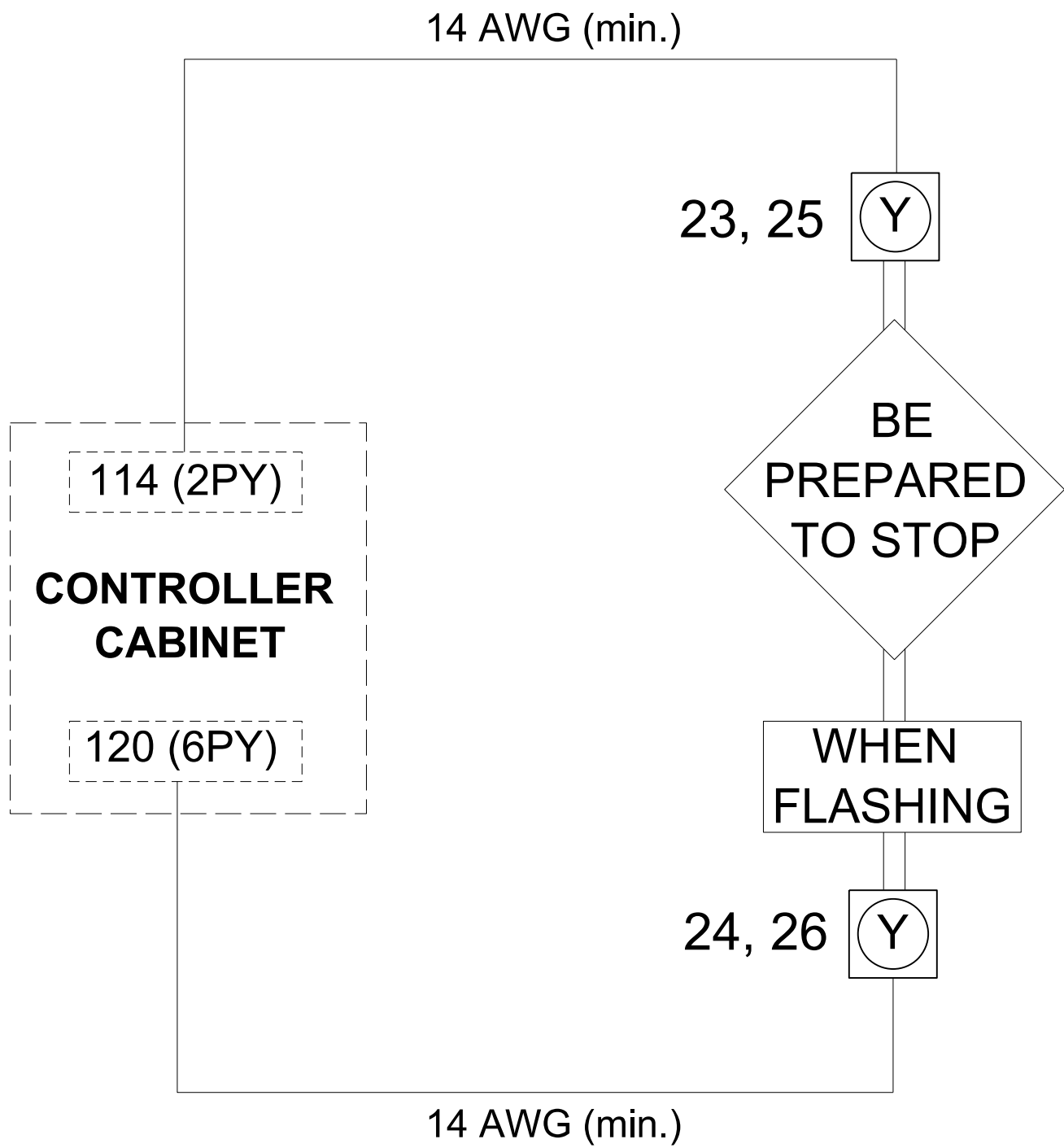
IMPORTANT

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 23, 24, 25, & 26

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

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	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	8				16
17	Overlap	5		X	X	17
18	Overlap	6		X		18
19	Adv. Warning Flasher	2				19
20	None	0				20

NOTICE CHANNEL 2 FLASHES RED →

NOTICE CHANNEL 6 FLASHES RED →

NOTICE CHANNEL 9 FLASHES RED →

NOTICE CHANNEL 11 FLASHES RED →

PROGRAM CHANNEL 19 AS →
ADV. WARNING FLASHER

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.
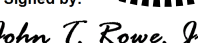
Start Up Parameters

StartUp Clearance Hold
6

Unit Flash Parameters

All Red Flash Exit Time
6

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 03-1248
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:

US 17 (Ocean Highway West)
at
US 17 Bus (Main Street)

Division 3 — Brunswick County — Shallotte

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

REVISIONS | INIT. | DATE

SIG. INVENTORY NO. 03-1248

TRANSYSTEMS
1 Glenwood Avenue
Raleigh, NC 27603
Tel:919.789.9977
Fax:919.789.9591
License: F-0453

750 N. Greenfield Pkwy, Garner, NC 27529