

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

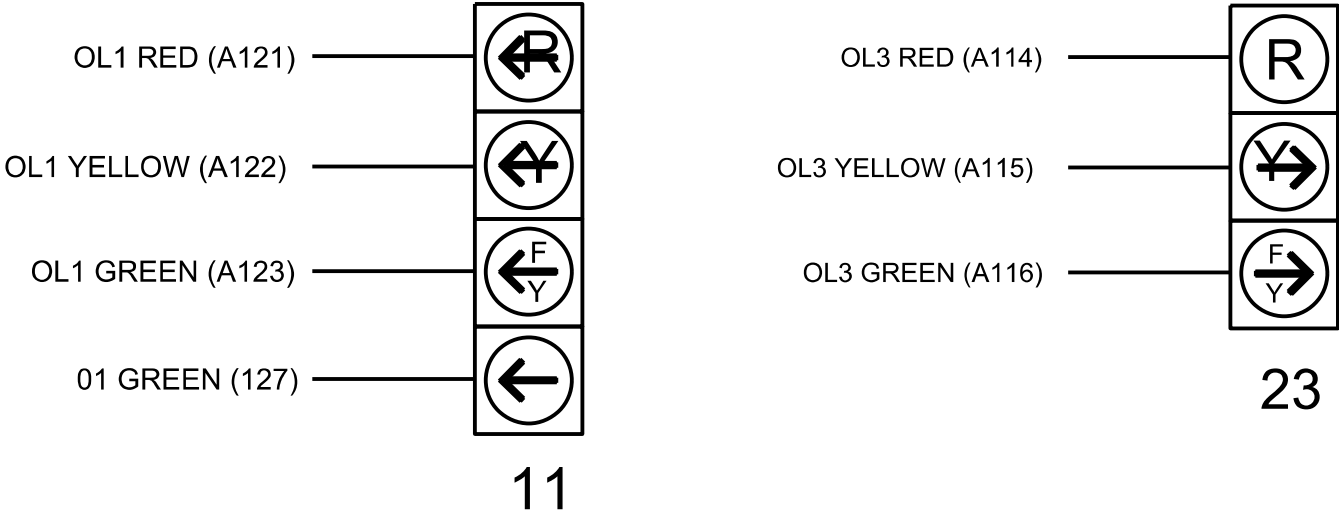
StartUp Clearance Hold
6

Unit Flash Parameters

All Red Flash Exit Time
6

FYA SIGNAL WIRING DETAIL

(wire signal heads as shown)



OUTPUT CHANNEL CONFIGURATION

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

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

SPECIAL DETECTION IO MODULE PROGRAMMING

The Enhanced Out of Pavement Detection requires adjustments to the IO Modules in use. Follow the programming instructions below to ensure desired operation.

Front Panel
Main Menu >Controller >More >Advanced IO >IO Modules

Web Interface
Home >Controller >Advanced IO >Cabinet Configuration >IO Modules

IO Module	Type	Fault Response
1	Caltrans 332	Default
2	TS2 DR3 BIU	Default
3	TS2 DR4 BIU	Default
4	TS2 MMU	Default

Advanced Cabinet Options
☒ Disable TS2 Cabinet Alarms

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.

Final (Phase IV Step 4)
Electrical Detail - Sheet 2 of 3

Electrical and Programming Details For:

Prepared for the Offices of:

Seal of the State of North Carolina

Department of Transportation

Division 13

Signal Management Section

750 N. Greenfield Pkwy, Garner, NC 27529

NC 191 (Brevard Road)
at
I-26 WB / I-240 EB Ramps

Division 13Buncombe CountyAsheville

PLAN DATE: May 2026REVIEWED BY: J O Deaton

PREPARED BY: M W YalchREVIEWED BY:

REVISIONSINIT. DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

Seal of the State of North Carolina

Professional Engineer

Seal 07438

James O. Deaton

DocuSigned by:James O. Deaton8/10/2026

SIG. INVENTORY NO. 13-1116

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 13-1116
DESIGNED: May 2026
SEALED: 08/07/2026
REVISED: N/A

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