

21-AUG-2025 1:21:40  
P:\w\j\jordan\jordan01-HDR\_ILS\_Est+01\Documents\NCDDT\NCDDT-Western-DIV-Div-Cat\_ILM\NCDDT\_L6170-R5600\_NC170-US23BUS\6-0\_CAD\_ILM\6-2\_Work\ILM-Progress\R-5600\_NCCDDT\_File\_Structure\Traffic\Signal\_Management\14-1200\14-1200T1-sm-elie-2025mdd-dgn  
Fernando Vazquez AT CHA-FVAZQUEZ

MAXTIME OVERLAP PROGRAMMING DETAIL

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

Web Interface  
Home >Controller >Overlap Configuration >Overlaps

Overlap Plan 1

| Overlap          | 1               | 2               | 3               | 7      |
|------------------|-----------------|-----------------|-----------------|--------|
| Type             | FYA 4 - Section | FYA 4 - Section | FYA 4 - Section | Normal |
| Included Phases  | 2               | 8               | 6               | 1      |
| Modifier Phases  | 1               | 1               | 5               | -      |
| Modifier Overlap | -               | -               | -               | -      |
| Trail Green      | 0               | 0               | 0               | 0      |
| Trail Yellow     | 0.0             | 0.0             | 0.0             | 0.0    |
| Trail Red        | 0.0             | 0.0             | 0.0             | 0.0    |

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       | 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       | 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          |

NOTICE OVERLAP 7  
ASSIGNED TO CHANNEL 3



NOTICE FLASHING RED



MAXTIME STARTUP AND SOFTWARE FLASH  
PROGRAMMING DETAIL

Front Panel  
Main Menu>Controller>Unit

Web Interface  
Home>Controller>Unit

| Start Up Parameters    | Unit Flash Parameters   |
|------------------------|-------------------------|
| Startup Clearance Hold | All Red Flash Exit Time |
| 6                      | 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.

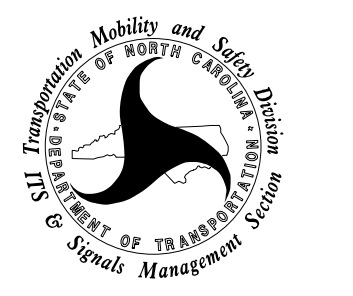
THE CHANGES LISTED ABOVE TIES ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

THIS ELECTRICAL DETAIL IS FOR  
THE SIGNAL DESIGN: 14-1200T1  
DESIGNED: Aug 2025  
SEALED: 8/26/2025  
REVISED: N/A

Electrical Detail - Sheet 2 of 2  
Temporary Design 1 - TMP Ph1, S2, Part 1



ELECTRICAL AND PROGRAMMING  
DETAILS FOR:



750 N.Greenfield Pkwy,Garner,NC 27529

NC 107 (E. Main Street)  
at  
SR 1723 (Cliffside Drive) /  
Bryson Farm Supply Driveway  
Division 14 Jackson County Sylva

|              |             |              |             |
|--------------|-------------|--------------|-------------|
| PLAN DATE:   | August 2025 | REVIEWED BY: | ZM Esposito |
| PREPARED BY: | DS Griffith | REVIEWED BY: | BN Groome   |
| REVISIONS    | INIT.       | DATE         |             |
|              |             |              |             |
|              |             |              |             |
|              |             |              |             |

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

SEAL  
052936  
ENGINEER  
BRITTANY N GROOME  
Signed by:  
  
8/26/2025  
DATE  
SIG. INVENTORY NO. 14-1200T1