

PROGRAMMING DETAILS TO RUN ALTERNATE PHASING

To run the Alternate Phasing, schedule a Day Plan that calls an Action that is programmed to enable Phase Function 1.

Actions can be programmed to run free run or call a coordination pattern.

PHASE FUNCTION MAPPING PROGRAMMING DETAIL

Step 1 - Assign OMIT OVERLAP A to Phase Function 1.

- From Main Menu select **6 - TIME BASE DATA**
- From TIME BASE DATA Submenu select **9 - PHS FUNC MAPPING**

Use Up/Dn Keys to position cursor on NUM 1

```

TIME BASE PHS FUNC MAPING
                PHS FUNC SEL(O-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
1 PHS-01 MAX # 2 00000000 0000000
2 PHS-02 MAX # 2 00000000 0000000
3 PHS-03 MAX # 2 00000000 0000000
4 PHS-04 MAX # 2 00000000 0000000
A-UP B-DN C-LT D-RT E-ENTER F-PRIOR MENU
    
```

BEFORE PROCEEDING,
SCROLL THRU ENTIRE
RANGE OF FUNCTIONS TO
ENSURE ALL P-FUNCT 1
NUM x VALUES ARE SET
TO '0' (OFF)

Use Up/Dn/Left/Right keys to position cursor on NUM 145 and program P-FUNCT 1 as shown.

```

TIME BASE PHS FUNC MAPING
                PHS FUNC SEL(O-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
145 OVERLAP A OMIT 10000000 0000000
146 OVERLAP B OMIT 00000000 0000000
147 OVERLAP C OMIT 00000000 0000000
148 OVERLAP D OMIT 00000000 0000000
UP/DOWN TO SCROLL          E-EDIT
    
```

SET P-FUNCT 1 VALUE
TO '1' (ON) AS SHOWN
FOR OVERLAP A OMIT

PHASE FUNCTION PROGRAMMING COMPLETE

TIME BASE ACTIONS PROGRAMMING

Step 2 - Set up an Action to run Phase Function 1.

- From Main Menu select **6 - TIME BASE DATA**
- From TIME BASE DATA Submenu select **5 - ACTIONS**

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TIME BASE ACTION # ***
PATN:001      PHS: 12345678 90123456
0=1' CDNN     AUX: 000-----
1-253=PATN    SPC: 0000000-   0=NO
254=FREE      DIM: 0-----    1=YES
255=FLASH     DET: 000-----
UP/DOWN TO SCROLL
    
```

← NOTICE
PHS 1

SPECIAL FUNCTION PROGRAMMING COMPLETE

*** Action #(s) are to be determined by the Division and/or City Traffic Engineer and are scheduled to run in Day Plan(s).

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-2387
DESIGNED: May 2022
SEALED: 5-26-22
REVISED: N/A

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-4 AND TERMINATE ON T2-2.
- ON REAR OF PDA - REMOVE WIRE FROM TERM. T2-5 AND TERMINATE ON T2-3.
- REMOVE FLASHER UNIT 2.

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

Electrical Detail - Sheet 3 of 3

<p style="font-size: small;">ELECTRICAL AND PROGRAMMING DETAILS FOR:</p> <p style="font-size: x-small;">Prepared In the Offices of:</p> <p style="font-size: x-small;">750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>SR 2006 (Durant Road) at Capital Hills Drive</p> <p style="font-size: x-small;">Division 5 Wake County Raleigh</p> <p style="font-size: x-small;">PLAN DATE: May 2022 REVIEWED BY:</p> <p style="font-size: x-small;">PREPARED BY: James Peterson REVIEWED BY:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: x-small;">REVISIONS</th> <th style="font-size: x-small;">INIT.</th> <th style="font-size: x-small;">DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	INIT.	DATE				<p style="font-size: x-small;">DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p> <p style="text-align: center;">SEAL</p> <p style="font-size: x-small;">DocuSigned by: Ryan W. Hough 06/01/2022</p> <p style="font-size: x-small;">430302FA085403 DATE</p> <p style="font-size: x-small;">SIG. INVENTORY NO. 05-2387</p>
REVISIONS	INIT.	DATE						