PROJECT REFERENCE NO.	SHEET NO.
HS-2005G	Sig. 2.3

PROGRAMMING DETAILS TO CALL 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 OVERLAPS A & C to Phase Function 1.

1. From Main Menu select 6 - TIME BASE DATA
2. 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(0-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
  1  PHS-01 MAX # 2   000000000 0000000
  2  PHS-02 MAX # 2   000000000 0000000
  3  PHS-03 MAX # 2   000000000 0000000
  4  PHS-04 MAX # 2   000000000 0000000
UP/DOWN TO SCROLL               E-EDIT
```

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(0-OFF/1-ON)
NUM..P-FUNCT NAME.....123456789 0123456
145  OVERLAP A OMIT   100000000 0000000   <- FOR OVERLAP A OMIT
146  OVERLAP B OMIT   000000000 0000000
147  OVERLAP C OMIT   100000000 0000000   <- FOR OVERLAP C OMIT
148  OVERLAP D OMIT   000000000 0000000
UP/DOWN TO SCROLL               E-EDIT
```

SET P-FUNCT 1 VALUES TO '1' (ON) AS SHOWN

PHASE FUNCTION PROGRAMMING COMPLETE

TIME BASE ACTIONS PROGRAMMING

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

1. From Main Menu select 6 - TIME BASE DATA
2. From TIME BASE DATA Submenu select 5 - ACTIONS

```
TIME BASE ACTION # ***
                     12345678 90123456
  PATN:001      PHS: 10000000 00000000   <- NOTICE PHS 1
   0=I'CONN     AUX: 000-----
  1-253=PATN    SPC: 0000000-      0=NO
  254=FREE      DIM: 0-------      1=YES
  255=FLASH     DET: 000-----
UP/DOWN TO SCROLL
```

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 plan supersedes the plan signed and sealed on 6/1/2021.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 05-1780
DESIGNED: February 2024
SEALED: 02/27/2024
REVISED: N/A

Electrical Detail - Sheet 3 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:

SR 2215 (Buffaloe Road) at SR 2214 (Southall Road)/ Brintons Cottage Street

Division 5 Wake County Raleigh

PLAN DATE: February 2024 REVIEWED BY:

PREPARED BY: S.Kirkpatrick REVIEWED BY:

REVISIONS	INIT.	DATE

Prepared in the Offices of: Transportation Mobility and Safety Division, Signals Management Section, Department of Transportation, State of North Carolina

750 N.Greenfield Pkwy,Garner,NC 27529

SEAL NORTH CAROLINA PROFESSIONAL SEAL 036833 ENGINEER RYAN W. HOUGH

DocuSigned by: Ryan W. Hough 02/27/2024
F3D3D0FAA2654C3... DATE

SIG. INVENTORY NO. 05-1780

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sgkirkpatrick