DocuSign Envelope ID: 8FFAE061-8EE1-4FF9-93AD-8702A54A0DFA

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| R-3830 | Sig. 15.5 |

# ALTERNATE PHASING ACTIVATION DETAIL

TO RUN ALT. PHASING DURING COORDINATION - SELECT ALL PAGE CHANGES (AS SHOWN BELOW) WITHIN COORDINATION PLAN PROGRAMMING.

TO RUN ALT. PHASING DURING FREE RUN - PROGRAM PAGE CHANGES (SHOWN BELOW) IN SEPARATE TIME OF DAY EVENTS. IF PAGE 1 IS USED, NO EVENT PROGRAMMING IS NECESSARY FOR THAT PARTICULAR PAGE.

| PHASING | INPUTS PAGE | OVERLAPS PAGE |
|---|---|---|
| ACTIVE PAGES REQUIRED TO RUN DEFAULT PHASING | 1 | 1 |
| ACTIVE PAGES REQUIRED TO RUN ALTERNATE PHASING | 2 | 2 |

NOTE: PAGES NOT SHOWN (i.e. sequence, phase control, etc.) SHOULD REMAIN AS '1', OR AS DEFINED BY TIMING ENGINEER.

IMPORTANT: IF ALT. PHASING IS USED DURING FREE RUN AND COORDINATION, DO NOT OPERATE TIME OF DAY PAGE CHANGE EVENTS CONCURRENTLY WITH COORDINATION PLAN EVENTS IN THE EVENT SCHEDULER. (EX. FREE RUN PAGE CHANGE EVENT SHOULD END BEFORE COORDINATION PLAN EVENT STARTS AND VICE-VERSA).

## ALTERNATE PHASING PAGE CHANGE SUMMARY

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN THESE OVERLAP/INPUT PAGE CHANGES ACTIVATE TO CALL THE "ALTERNATE PHASING":

OVERLAPS PAGE 2: Modifies overlap parent phases for heads 11 and 51 to run protected turns only.

INPUTS PAGE 2: Disables phase 6 call on loop 1A and reduces delay time for phase 1 call on loop 1A to 3 seconds.

Disables phase 2 call on loop 5A and reduces delay time for phase 5 call on loop 5A to 3 seconds.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 08-1065T1
DESIGNED: JANUARY 2020
SEALED: 11-05-2019
REVISED:

Temporary Design 1 - (TMP Phase I)
Electrical Detail - Sheet 5 of 5

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Stantec
Stantec Consulting Services Inc.
801 Jones Franklin Road-Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

ELECTRICAL AND PROGRAMMING DETAILS FOR:

Prepared for the Offices of:
Traffic Engineering, Mobility and Safety Division
Signals & Signals Management Section
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
750 N.Greenfield Pkwy,Garner,NC 27529

NC 42 (Broadway Road)
at
US 421/NC 87 Northbound Ramps/
Coty Plant Entrance

Division 8 Lee County Sanford

| | | | |
|---|---|---|---|
| PLAN DATE: | JANUARY 2020 | REVIEWED BY: | E D Harris |
| PREPARED BY: | R M Muncey | REVIEWED BY: | - |

| REVISIONS | INIT. | DATE |
|---|---|---|
| | | |

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 43239 ENGINEER REGINA M. MUNCEY

DocuSigned by: Regina M. Muncey 1/7/2020
SIGNATURE DATE

SIG. INVENTORY NO. 08-1065T1

1:01:12 PM
USER:rmuncey
Files:C:\Designs\Design\Electrical Details\Temporary Design\R-3830_sm_ele_08-1065T1.dgn
User:rmuncey