DocuSign Envelope ID: CA3653D1-D373-4301-B436-E45514B173A6

| ΤŊ | RUN   | ALT. |
|----|-------|------|
| 10 | 1.011 |      |

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.

PHASI \_\_\_\_\_ ACTIV ACTIV

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

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 ACTIVATION DETAIL

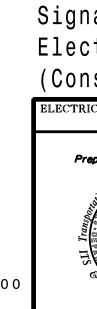
## PHASING DURING <u>COORDINATION</u> - SELECT ALL PAGE CHANGES (AS SHOWN BELOW) WITHIN COORDINATION PLAN PROGRAMMING.

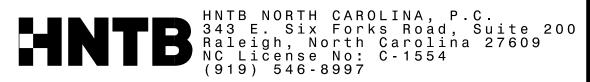
| ING                                               | INPUTS PAGE | OVERLAPS PAGE |
|---------------------------------------------------|-------------|---------------|
| VE PAGES REQUIRED TO RUN <u>DEFAULT PHASIN</u> G  | 1           | 1             |
| VE PAGES REQUIRED TO RUN <u>ALTERNATE PHASING</u> | 2           | 2             |
|                                                   |             |               |

## 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<br>for heads 11 and 51 to run<br>protected turns only.                   |
|------------------|---------------------------------------------------------------------------------------------------------|
| INPUTS PAGE 2:   | Disables phase 6 call on loop 1A<br>and reduces delay time for phase 1<br>call on loop 1A to 3 seconds. |
|                  | Disables phase 2 call on loop 5A<br>and reduces delay time for phase 5<br>call on loop 5A to 3 seconds. |





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| ING ENGINEER.<br>THIS ELECTRICAL DETAIL IS FOR<br>THE SIGNAL DESIGN: 03-089371<br>DESIGNED May 2022<br>SEALED 5/17/2024<br>REVISED<br>Internal Way Readward Courty Winnington<br>THE SIGNAL MARKET<br>DOCUMENT NOT CONSIDERED FINAL<br>DOCUMENT NOT CONSIDERED FINAL<br>DOCUMENT NOT CONSIDERED FINAL<br>SR 1328 (White Rd)<br>NULESS ALL SIGNATURES COMPLETED<br>SR 1328 (White Rd)<br>SR 1328 (White Rd)<br>SR 1328 (White Rd)<br>DIVISION WARANTER<br>SR 1328 (WHITE RD)<br>SR 1328 (WHITE RD)<br>DIVISION WARANTER<br>SR 1328 (WHITE RD)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                     |
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| ING ENCINEER.<br>THIS ELECTRICAL DETAIL IS FOR<br>THE SIGNAL DESIGN: 03-089371<br>DESIGNED May 2022<br>SEALED: 5/17/2024<br>REVISED<br>International Detail - Sheet 5 of 5<br>Construction Phase 1)<br>TATACH AND MERANANNA<br>REVISED<br>SR 2048 (Gordon Rd)<br>at<br>SR 1328 (White Rd)<br>DISCHMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED<br>SR 1328 (White Rd)<br>DISCHMENT REVISED<br>SR 1328 (WHITE RD)<br>SR 1328 (WHITE                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                     |
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| THE SIGNAL DESIGN: 03-0893T1<br>DESIGNED: May 2022<br>SEALED: 5/17/2024<br>REVISED:<br>DOCUMENT NOT CONSIDERED FINAL<br>UNLESS ALL SIGNATURES COMPLETED<br>DETAILS FOR<br>DETAILS FOR<br>Prepared In the Offices of.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                     |
| ignal Upgrade-         lectrical Detail - Sheet 5 of 5         Construction Phase 1)         Lectrical AND PROGRAMMING<br>DETAILS FOR:         Prepared In the Offices of:         Image: Solution of the programmer of the prepared of the prepared in the Offices of:         Image: Solution of the programmer of the prepared of the prepared of the prepared by:         Solution of the programmer of the prepared by:         Solution of the prepared by:         Exercision of the prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                     |
| ignal Upgrade-         lectrical Detail - Sheet 5 of 5         Construction Phase 1)         LECTRICAL AND PROGRAMMING<br>DETAILS FOR<br>Prepared In the Offices of.         Prepared In the Offices of.         Officient Status For<br>Management         SR 2048 (Gordon Rd)<br>at<br>SR 1328 (White Rd)         Division 3       New Hanover County         Division 3       New Hanover County         Number Structure       SEAL<br>SEAL<br>SR 1328 (White Rd)         Division 3       New Hanover County         Number Structure       Structure         So M.Greenviled Pray, Gorner, MC 27529       Revisions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                     |
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| ignal Upgrade-         lectrical Detail - Sheet 5 of 5         Construction Phase 1)         Details For:         Prepored In the Offices of:         Management         SR 1328 (White Rd)         Division 3         Prepared Bry:         N.Greenfield Phay, Garner, NC 27529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           |                     |
| lectrical Detail - Sheet 5 of 5         Construction Phase 1)         Decomment not considered final unless all signatures completed         Details for:         Prepored in the Offices of:         Division 3         New Hanover County         Division 3         New Hanover County         Wilmington         Prepared By:         E.E. Tiller         REVISIONS         N.K. Vlanich         REVISIONS         N.K. Simmons         REVISIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | THE SIGNAL<br>DESIGNED:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L DESIGN: 03-0893T<br>May 2022                                                                                                            |                     |
| Document Not Considered Final<br>UNLESS ALL SIGNATURES COMPLETED         Lectrical and programming<br>Details For:       SR 2048 (Gordon Rd)<br>at<br>SR 1328 (White Rd)         Prepored in the Offices of:       SR 1328 (White Rd)         Division 3       New Hanover County         Wilmington<br>Prepared by:       E.E. Tiller         REVISIONS       INIT.         Date       Manuger         So N.Greenfield Phwy.Gorner. NC 27529       State                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | THE SIGNAL<br>DESIGNED:<br>SEALED: 5/<br>DEVISED:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | L DESIGN: 03-0893T<br>May 2022                                                                                                            |                     |
| LECTRICAL AND PROGRAMMING<br>DETAILS FOR:<br>Prepared in the Offices of:<br>SR 2048 (Gordon Rd)<br>at<br>SR 1328 (White Rd)<br>Division 3 New Hanover County Wilmington<br>PLAN DATE: August 2023 REVIEWED BY: N.K. Vlanich<br>PREPARED BY: E.E. Tiller REVIEWED BY: N.R. Simmons<br>REVISIONS INIT. DATE<br>Docusigned by R. S. 17/202<br>Division 3 New Hanover County Reviewed BY: N.R. Simmons<br>REVISIONS INIT. DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | THE SIGNAL<br>DESIGNED:<br>SEALED: 5/<br>REVISED:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | L DESIGN: 03-0893T<br>May 2022                                                                                                            |                     |
| Prepared in the Offices of:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ignal Upgrade-<br>lectrical Detail - Sheet 5 of 5<br>Documen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L DESIGN: 03-0893T<br>May 2022<br>17/2024<br>IT NOT CONSIDERED F                                                                          | 1<br>FINAL          |
| SR 1328 (White Rd)<br>Division 3 New Hanover County Wilmington<br>PLAN DATE: August 2023 Reviewed By: N.K. Vlanich<br>PREPARED BY: E.E. Tiller Reviewed By: N.R. Simmons<br>REVISIONS INIT. DATE<br>Docusigned by<br>Signa Ture Docusigned by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ignal Upgrade-<br>lectrical Detail - Sheet 5 of 5<br>Construction Phase 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L DESIGN: 03-0893T<br>May 2022<br>17/2024<br>IT NOT CONSIDERED F<br>L SIGNATURES COMP                                                     | 1<br>FINAL<br>LETED |
| Division 3 New Hanover County Wilmington<br>PLAN DATE: August 2023 REVIEWED BY: N.K. Vlanich<br>PREPARED BY: E.E. Tiller REVIEWED BY: N.R. Simmons<br>REVISIONS INIT. DATE<br>50 N.Greenfield Pkwy.Garner.NC 27529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ignal Upgrade-<br>lectrical Detail - Sheet 5 of 5<br>Construction Phase 1)<br>Decument<br>December 2012<br>Decument<br>Decument<br>Decument<br>Decument<br>SR 2048 (Gordon Rd)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | L DESIGN: 03-0893T<br>May 2022<br>17/2024<br>IT NOT CONSIDERED F<br>L SIGNATURES COMP                                                     | 1<br>FINAL<br>LETED |
| Image: Management       Image: Management         Stands       Image: Management       Stands         Stands       Image: Management       Stands       Stands         Stands       Image: Management       Stands       Stands       Stands         Stands       Image: Management       Stands       Stands       Stands         Stands       Image: Management       Stands       Stands       Stands       Stands         St                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | THE SIGNAL<br>DESIGNED:<br>SEALED: 5/<br>REVISED:ignal Upgrade-<br>lectrical Detail - Sheet 5 of 5<br>Construction Phase 1)Document<br>UNLESS ALLectrical AND PROGRAMMING<br>DETAILS FOR:SR 2048 (Gordon Rd)<br>at                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | L DESIGN: 03-0893T<br>May 2022<br>17/2024<br>IT NOT CONSIDERED F<br>L SIGNATURES COMP<br>SEAL<br>SEAL                                     | 1<br>FINAL<br>LETED |
| 50 N.Greenfield Phwy.Garner.NC 27529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ignal Upgrade-<br>lectrical Detail - Sheet 5 of 5<br>Construction Phase 1)<br>LECTRICAL AND PROGRAMMING<br>DETAILS FOR:<br>Prepored in the Offices of:<br>SR 2048 (Gordon Rd)<br>at<br>SR 1328 (White Rd)<br>Division 3 New Hanover County Wilm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | L DESIGN: 03-0893T<br>May 2022<br>17/2024<br>IT NOT CONSIDERED F<br>L SIGNATURES COMP<br>SEAL<br>SEAL<br>SEAL<br>SEAL<br>SEAL             |                     |
| 50 N.Greenfield Phay.Garner.NC 27529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ignal Upgrade-<br>lectrical Detail - Sheet 5 of 5<br>Construction Phase 1)<br>LECTRICAL AND PROGRAMMING<br>DETAILS FOR:<br>Prepored In the Offices of:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | L DESIGN: 03-0893T<br>May 2022<br>17/2024<br>IT NOT CONSIDERED F<br>L SIGNATURES COMP<br>SEAL<br>SEAL<br>SEAL<br>SEAL<br>SEAL             |                     |
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