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PROJECT REFERENCE NO. U-5738 Sig 11.8

(program controller as shown below)

From Main Menu press 'A' (Preemption), then '1' (Standard Preemptions). Press 'NEXT' as needed to advance to Preempts 3, 4, 5 and 6.

PREEMPTION #3 SETTINGS (NEXT:1-10) INTERVAL/TIMING | CLEAR/DWELL PHASES GRN YEL RED | 12345678910111213141516 1 255 0.0 0.0 ¦X X 2 0 0.0 0.0 ; 3 0 0.0 0.0 ; 4 0 0.0 0.0 ; 5 1 0.0 0.0 ¦ X X EXIT CALLS OPTIONS PRIORITY (Y/N TO SELECT)MED DELAY TIMER (0-255 SEC) MIN GREEN BEFORE PRE (O= DEFAULT)....1 PED CLEAR BEFORE PRE (O= DEFAULT)....0* YELLOW CLEAR BEFORE PRE (0= DEFAULT).0.0 RED CLEAR BEFORE PRE (O= DEFAULT)....O.O DWELL MAX TIMER (0=OFF.1-255MIN)2 DWELL HOLD-OVER TIMER (0-255)0 LATCH CALL?N LINK TO NEXT PREEMPT?N ENABLE BACKUP PROTECTION?N HOLD CLEAR 1 PHASES DURING DELAY? ...N FAST GREEN FLASH DWELL PHASES?N PED CLEARANCE THROUGH YELLOW?Y INHIBIT OVERLAP GREEN EXTENSION?N SERVICE DURING SOFTWARE FLASH?N REST IN RED DURING DWELL INTERVAL? .. N FLASH DWELL INTERVAL?N ALLOW PEDS IN DWELL INTERVAL?N RE-TIME DWELL INTERVAL?N OVERLAPS: | ABCDEFGHIJKLMNOP DWELL INT FLASH YELLOW OMIT OVERLAPS: PRESS 'NEXT' ONCE

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PREEMPTION #6 SETTINGS (NEXT:1-10) INTERVAL/TIMING | CLEAR/DWELL PHASES GRN YEL RED | 12345678910111213141516 1 255 0.0 0.0 ; X X 2 0 0.0 0.0 ; 3 0 0.0 0.0 ; 4 0 0.0 0.0 ; 5 1 0.0 0.0 ¦ X X EXIT CALLS OPTIONS PRIORITY (Y/N TO SELECT)MED DELAY TIMER (0-255 SEC) MIN GREEN BEFORE PRE (O= DEFAULT)....1 PED CLEAR BEFORE PRE (O= DEFAULT)....0 YELLOW CLEAR BEFORE PRE (O= DEFAULT).0.0 RED CLEAR BEFORE PRE (O= DEFAULT)....O.O DWELL MIN TIMER (0-255 SEC)7 DWELL MAX TIMER (0=OFF.1-255MIN)2 DWELL HOLD-OVER TIMER (0-255)0 LATCH CALL?N LINK TO NEXT PREEMPT?N ENABLE BACKUP PROTECTION?N HOLD CLEAR 1 PHASES DURING DELAY? ...N FAST GREEN FLASH DWELL PHASES?N PED CLEARANCE THROUGH YELLOW?Y INHIBIT OVERLAP GREEN EXTENSION?N SERVICE DURING SOFTWARE FLASH?N REST IN RED DURING DWELL INTERVAL? .. N FLASH DWELL INTERVAL?N ALLOW PEDS IN DWELL INTERVAL?N RE-TIME DWELL INTERVAL?N OVERLAPS: | ABCDEFGHIJKLMNOP DWELL INT FLASH YELLOW OMIT OVERLAPS:

PROGRAMMING COMPLETE

Program extend time on detector unit for 2.0 seconds.

* Time defaults to time used for phase during normal operation.

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 <u>FREE RUN</u> - 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.

<u>Phasing</u>	INPUTS PAGE	OVERLAPS PAGE
ACTIVE PAGES REQUIRED TO RUN DEFAULT PHASING	1	1
ACTIVE PAGES REQUIRED TO RUN <u>ALTERNATE PHASING</u>	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).

THE FOLLOWING IS A SUMMARY OF WHAT TAKES PLACE WHEN

ALTERNATE PHASING PAGE CHANGE SUMMARY

THESE OVERLAP/INPUT PAGE CHANGES ACTIVATE TO CALL THE "ALTERNATE PHASING":

OVERLAPS PAGE 2: Modifies overlap parent phases for head 11 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 0 seconds.

Electrical Detail - Sheet 7 of 7

DETAILS FOR:

US 601 (Jake Alexander Blvd S)

SR 2528 (Julian Rd) and Martin Luther King Jr Ave

PLAN DATE: January 2022 REVIEWED BY: T. Jovce PREPARED BY: C. Strickland REVIEWED BY: REVISIONS

INIT. DATE SIG. INVENTORY NO. 09-0640

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0640 DESIGNED: January 2022 SEALED: 1/27/2022

REVISED: N/A

ELECTRICAL AND PROGRAMMING

750 N.Greenfield Pkwy, Garner, NC 27529

D. told Joya 01/28/2022

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