

INPUT PAGE 2 ASSIGNMENT PROGRAMMING DETAIL FOR ALTERNATE PHASING - LOOP 3A

(program controller as shown below)

- NOTES: 1. THIS PROGRAMMING APPLIES FOR INPUT PAGE 2 ONLY. INPUT PAGE 1 WILL USE STANDARD DEFAULT SETTINGS. THIS PROGRAMMING IS NECESSARY FOR PROPER DETECTOR OPERATION DURING ALTERNATE PHASING OPERATION.
2. THE PROGRAMMING BELOW REASSIGNS DETECTOR 53 TO INPUT #20 SO THAT THE DELAY ON LOOP 3A CAN BE REDUCED FROM 15 SECONDS TO 0 SECONDS.

FROM MAIN MENU PRESS '5' (INPUTS), THEN PRESS 'NEXT' TO GET TO INPUT PAGE '2'. PRESS THE '+' KEY UNTIL INPUT 20 IS REACHED.

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PAGE: 2 C1 PIN:58 VEHICLE DETECTOR
INPUT ASSIGNMENT #.....20
DEBOUNCE TIME (0-25.5 SEC).....0.5
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED (Y/N)....._
VEHICLE DETECTOR (1-64).....3
PEDESTRIAN DETECTOR (1-16)....._
ALTERNATE PED DETECTOR (1-16)....._
PREEMPT (1-10)....._
INVERTED PREEMPT (1-10)....._
STOP TIME (Y/N)....._
FLASH SENSE (Y/N)....._
DOOR OPEN (Y/N)....._
MANUAL CONTROL ENABLE (Y/N)....._
MANUAL CONTROL ADVANCE (Y/N)....._
SPECIAL FUNCTION ALARM (1-8)....._
TOD HOUR SYNCHRONIZATION (0-23)....._
FORCE OFF RING (1-4)....._
HOLD PHASES (1-16)....._
PLAN (65=FLSH,66=FREE)....._ OFFSET#....._
CHANGE PHASE SEQUENCE PAGE (1-12)....._
CHANGE PHASE TIMING PAGE (1-4)....._
CHANGE PHASE CONTROL PAGE (1-4)....._
CHANGE OVERLAP CONTROL PAGE (1-4)....._
CHANGE INPUT PAGE (1-4)....._
CHANGE OUTPUT PAGE (1-4)....._
OVERRIDE PHASE CONTROL FUNCTION (Y)....._

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ENTER '53' TO REASSIGN THE VEHICLE DETECTOR FOR THIS INPUT

(LOOP 3A - PHASE 3)

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PAGE: 2 C1 PIN:58 VEHICLE DETECTOR
INPUT ASSIGNMENT #.....20
DEBOUNCE TIME (0-25.5 SEC).....0.5
DELAY TIME (0-25.5 SEC).....0.0
HOLD-OVER TIME (0-25.5 SEC).....0.0
ASSIGNMENT SELECTION:
NOT ENABLED (Y/N)....._
VEHICLE DETECTOR (1-64).....53
PEDESTRIAN DETECTOR (1-16)....._
ALTERNATE PED DETECTOR (1-16)....._
PREEMPT (1-10)....._
INVERTED PREEMPT (1-10)....._
STOP TIME (Y/N)....._
FLASH SENSE (Y/N)....._
DOOR OPEN (Y/N)....._
MANUAL CONTROL ENABLE (Y/N)....._
MANUAL CONTROL ADVANCE (Y/N)....._
SPECIAL FUNCTION ALARM (1-8)....._
TOD HOUR SYNCHRONIZATION (0-23)....._
FORCE OFF RING (1-4)....._
HOLD PHASES (1-16)....._
PLAN (65=FLSH,66=FREE)....._ OFFSET#....._
CHANGE PHASE SEQUENCE PAGE (1-12)....._
CHANGE PHASE TIMING PAGE (1-4)....._
CHANGE PHASE CONTROL PAGE (1-4)....._
CHANGE OVERLAP CONTROL PAGE (1-4)....._
CHANGE INPUT PAGE (1-4)....._
CHANGE OUTPUT PAGE (1-4)....._
OVERRIDE PHASE CONTROL FUNCTION (Y)....._

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PROGRAMMING COMPLETE

FROM MAIN MENU PRESS '7' (DETECTORS), THEN PRESS '1' FOR VEHICLE DETECTORS. PRESS THE '-' KEY TO GET TO VEHICLE DETECTOR #53.

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VEHICLE DETECTOR #53 SETTINGS (+,-,1-64)
SETTING: (Y/N)
ENABLE DETECTOR.....N
ENABLE LOGGING.....N
ENABLE DIAGNOSTICS.....N
SPEED TRAP.....N
CALL DETECTOR.....Y
EXTENSION DETECTOR.....Y
MODE 2 STOP BAR.....N
SWITCHING DETECTOR.....N
DUPLICATING DETECTOR.....N
ENABLE FULL TIME DELAY.....N
IF FAILED, SET MIN RECALL?.....N
IF FAILED, SET MAX1 RECALL?.....N
IF FAILED, SET MAX2 RECALL?.....N
PHASE# :12345678910111213141516
PHASES ASSIGNED :
SWITCH/DUPLICATE:
LOOP SIZE (0-255 FT).....6
SPEED TRAP DISTANCE (0-255 FT).....0
STOP BAR TIME (0-255 SEC).....0
STRETCH (0-25.5 SEC).....0.0
DELAY (0-255 SEC).....0
MAX CALLS/MIN (0-255).....255
MIN CALLS/DIAGNOSTIC PERIOD (0-255).0
MAX OCCUPANCY (0-100%).....100
EXTENSION DISABLE TIME (0-255 SEC).0
QUEUE MAX OCCUPANCY TIME (0-255).....0
QUEUE GAP RESET TIME (0-25.5).....0.0
PREEMPTION INDEX FOR QUEUE (0-10).....0

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ENTER 'Y' FOR ENABLE DETECTOR

ENTER '3' FOR PHASES ASSIGNED

ENSURE DELAY IS '0'

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VEHICLE DETECTOR #53 SETTINGS (+,-,1-64)
SETTING: (Y/N)
ENABLE DETECTOR.....Y
ENABLE LOGGING.....N
ENABLE DIAGNOSTICS.....N
SPEED TRAP.....N
CALL DETECTOR.....Y
EXTENSION DETECTOR.....Y
MODE 2 STOP BAR.....N
SWITCHING DETECTOR.....N
DUPLICATING DETECTOR.....N
ENABLE FULL TIME DELAY.....N
IF FAILED, SET MIN RECALL?.....N
IF FAILED, SET MAX1 RECALL?.....N
IF FAILED, SET MAX2 RECALL?.....N
PHASE# :12345678910111213141516
PHASES ASSIGNED : X
SWITCH/DUPLICATE:
LOOP SIZE (0-255 FT).....6
SPEED TRAP DISTANCE (0-255 FT).....0
STOP BAR TIME (0-255 SEC).....0
STRETCH (0-25.5 SEC).....0.0
DELAY (0-255 SEC).....0
MAX CALLS/MIN (0-255).....255
MIN CALLS/DIAGNOSTIC PERIOD (0-255).0
MAX OCCUPANCY (0-100%).....100
EXTENSION DISABLE TIME (0-255 SEC).0
QUEUE MAX OCCUPANCY TIME (0-255).....0
QUEUE GAP RESET TIME (0-25.5).....0.0
PREEMPTION INDEX FOR QUEUE (0-10).....0

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DETECTOR PROGRAMMING COMPLETE

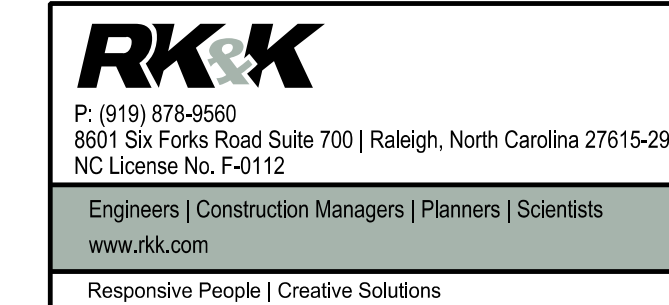
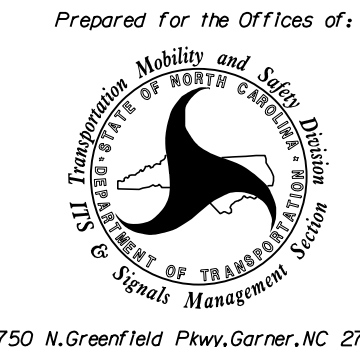
NOTE: DETECTOR IS PROGRAMMED PER THE INPUT FILE CONNECTION AND PROGRAMMING CHART SHOWN ON SHEET 1.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0981
DESIGNED: February 2024
SEALED: February 12, 2024
REVISED:

2/12/2024
R:\Traffic\c4s\gnc\540as\gnc\540as\gnc\540as\sig_dsn_XXXXXXX.dgn
wplones

New Installation - Electrical Detail - Sheet 4 of 5

ELECTRICAL AND PROGRAMMING DETAILS FOR:



US 158 EB (Reidsville Rd.)
at
Old Greensboro Rd.

Division 8 Forsyth County Winston-Salem

PLAN DATE: February 2024 REVIEWED BY: DT Sears

PREPARED BY: WP Erickson-Jones REVIEWED BY:

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 056142

W. PORTER JONES

DocuSigned by: Porter Jones 2/12/2024

SIGNATURE DATE

SIG. INVENTORY NO. 09-0981