

**INPUT ASSIGNMENT PROGRAMMING DETAIL TO REASSIGN LONG VEHICLE OVERSPEED DETECTION SYSTEM FUNCTION**  
(program controller as shown below)

This programming takes each of the Long Vehicle Overspeed Detection System inputs and reassigns a unique Hold Phase to it.

FROM MAIN MENU PRESS '5' (INPUTS), THEN '+' UNTIL PIN 51 (INPUT 13) IS REACHED.

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PAGE: 1 C1 PIN:51 HOLD PHASES
INPUT ASSIGNMENT #.....13
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).....
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).....2
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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PRESS '+'

INPUT 13 IS THE OUTPUT FROM LVODS #1

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PAGE: 1 C1 PIN:52 HOLD PHASES
INPUT ASSIGNMENT #.....14
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).....
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).....6
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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PRESS '+' OR '-' TO REACH INPUT 64

INPUT 14 IS THE OUTPUT FROM LVODS #2

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PAGE: 1 C1 PIN:0 PREEMPT
INPUT ASSIGNMENT #.....64
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).....
PEDESTRIAN DETECTOR (1-16).....
ALTERNATE PED DETECTOR (1-16).....
PREEMPT (1-10).....7
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

← Notice Preempt 7

**PREEMPT 7 PROGRAMMING DETAIL**  
(program controller as shown below)

THIS PREEMPT GOES ACTIVE IF EITHER LVODS HAS BEEN ACTIVE FOR MORE THAN 4 CONSECUTIVE MINUTES AND WILL PUT THE INTERSECTION IN FLASH.

FROM MAIN MENU PRESS 'A' (PREEMPTION), THEN '1' (STANDARD PREEMPTIONS), PRESS 'NEXT' UNTIL PREEMPTION #7 IS REACHED.

PREEMPTION #7	SETTINGS (NEXT:1-10)
INTERVAL/TIMING	CLEAR/DWELL PHASES
GRN YEL RED	12345678910111213141516
1 15 0.0 0.0	X X
2 10 0.0 0.0	X X
3 255 0.0 0.0	X X
4 0 0.0 0.0	X X
5 1 0.0 0.0	X X

EXIT CALLS

OPTIONS

PRIORITY (Y/N TO SELECT) .....HIGH

DELAY TIMER (0-255 SEC) .....0.0

MIN GREEN BEFORE PRE (0= DEFAULT)....14

PED CLEAR BEFORE PRE (0= DEFAULT)....0

YELLOW CLEAR BEFORE PRE (0= DEFAULT)....0.0

RED CLEAR BEFORE PRE (0= DEFAULT)....0.0

DWELL MIN TIMER (0-255 SEC) .....14

DWELL MAX TIMER (0=OFF,1-255MIN) ....0

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? .....N

INHIBIT OVERLAP GREEN EXTENSION? ...N

SERVICE DURING SOFTWARE FLASH? .....N

REST IN RED DURING DWELL INTERVAL? ..N

FLASH DWELL INTERVAL? .....Y

RE-TIME DWELL INTERVAL? .....Y

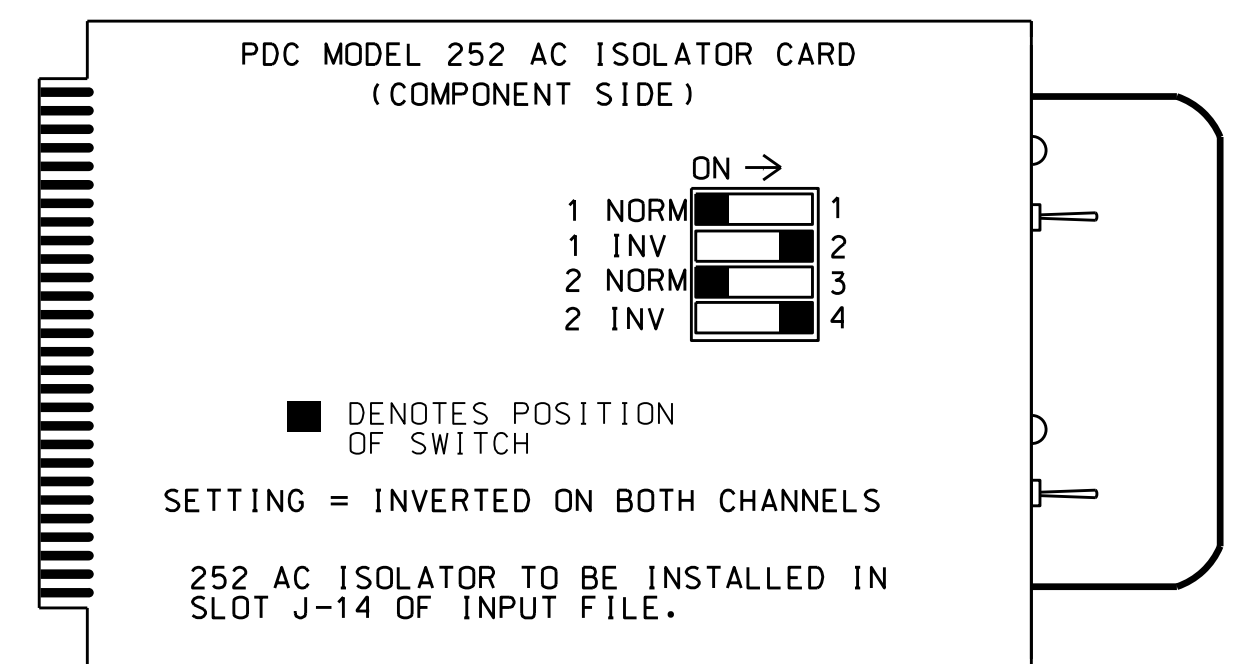
ALLOW PEDS IN DWELL INTERVAL? .....N

OVERLAPS: ABCDEFGHIJKLMNPO

DWELL INT FLASH YELLOW X X

OMIT OVERLAPS:

**HOLD PHASE AC ISOLATOR (MODEL 252)**  
**OUTPUT PROGRAMMING DETAIL**  
(set DIP switches as shown below)



NOTE: IF ANOTHER MANUFACTURER TYPE OF AC ISOLATOR IS USED, OUTPUT PROGRAMMING IS LIKELY NOT TO EQUATE TO THAT SHOWN ABOVE.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 07-1191T4  
DESIGNED: January 2018  
SEALED: 2/7/2018  
REVISED: N/A

Electrical Detail - Temporary Design 4 (TMP Phase IV)  
Sheet 6 of 8

Prepared In the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	I-85 Bus. / US 29-70 at SR 1144 (River Road)	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL NORTH CAROLINA PROFESSIONAL ENGINEER KEITH M. MIMS 036880 2/8/2018 DATE SIG. INVENTORY NO. 07-1191T4
	Division 7 Guilford County Jamestown PLAN DATE: February 2018 REVIEWED BY: PREPARED BY: S. Armstrong REVIEWED BY:	
REVISIONS INIT. DATE	REVISIONS INIT. DATE	REVISIONS INIT. DATE

08-FEB-2018 14:28  
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