U-5789

FLASHER CIRCUIT MODIFICATION DETAIL

IN ORDER TO INSURE THAT SIGNALS FLASH CONCURRENTLY ON THE SAME APPROACH, MAKE THE FOLLOWING FLASHER CIRCUIT CHANGES:

- 1. ON REAR OF PDA REMOVE WIRE FROM TERM, T2-4 AND TERMINATE ON T2-2.
- 2. ON REAR OF PDA REMOVE WIRE FROM TERM, T2-5 AND TERMINATE ON T2-3.
- 3. REMOVE FLASHER UNIT 2.

THE CHANGES LISTED ABOVE TIE ALL PHASES AND OVERLAPS TO FLASHER UNIT 1.

ADVANCED WALK NOTE

(program controller as shown below)

From Main Menu press '2' (Phase Control), then '1' (Phase Control Functions). Program phases 2 and 6 for 'Advanced Walk'. Make sure the Advance Walk times shown on the Signal Design plan are programmed in the 'Phase Timing' menu.

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL

(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, and 5.

PREEMPTION #3 SETTINGS (NEXT:1-10)	
INTERVAL/TIMING : CLEAR/DWELL PHASES	
GRN YEL RED 1234567891011121314151	6
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)ME	D
DELAY TIMER (0-255 SEC)	_
MIN GREEN BEFORE PRE (O= DEFAULT)1	
PED CLEAR BEFORE PRE (O= DEFAULT)O	
YELLOW CLEAR BEFORE PRE (O= DEFAULT).0.	\cap
	_
RED CLEAR BEFORE PRE (O= DEFAULT)O.	U
DWELL MIN TIMER (0-255 SEC)12	
DWELL MAX TIMER (0=OFF.1-255MIN)2	
DWELL HOLD-OVER TIMER (0-255)0	
LATCH CALL?N	
LINK TO NEXT PREEMPT?	
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?	
ALLOW PEDS IN DWELL INTERVAL?N	
RE-TIME DWELL INTERVAL?	
	О Г
OVERLAPS: ABCDEFGHIJKLMN	Uħ
DWELL INT FLASH YELLOW !	
OMIT OVERLAPS: X	

PRESS 'NEXT'

PREEMPTION #4 SETTINGS (NEXT:1-10) INTERVAL/TIMING		
OPTIONS PRIORITY (Y/N TO SELECT)	INTERVAL/TIMING CLEAR GRN YEL RED 1234567 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	DWELL PHASES
PRIORITY (Y/N TO SELECT)		
i	PRIORITY (Y/N TO SELECT) DELAY TIMER (O-255 SEC) MIN GREEN BEFORE PRE (O= PED CLEAR BEFORE PRE (O= YELLOW CLEAR BEFORE PRE RED CLEAR BEFORE PRE (O= DWELL MIN TIMER (O-255 S DWELL MAX TIMER (O=OFF.1 DWELL HOLD-OVER TIMER (O LATCH CALL? LINK TO NEXT PREEMPT? ENABLE BACKUP PROTECTION HOLD CLEAR 1 PHASES DURI FAST GREEN FLASH DWELL P PED CLEARANCE THROUGH YE INHIBIT OVERLAP GREEN EX SERVICE DURING SOFTWARE REST IN RED DURING DWELL FLASH DWELL INTERVAL? ALLOW PEDS IN DWELL INTE RE-TIME DWELL INTERVAL? OVERLAPS: DWELL INT FLASH YELLOW	DEFAULT)1 DEFAULT)0 (O= DEFAULT)0 DEFAULT)0 DEFAULT)0 DEC)12 -255MIN)2 -255)0 N NO DELAY?N HASES?N LLOW?Y TENSION?N INTERVAL?N RVAL?N ABCDEFGHIJKLMNOP

PRESS 'NEXT'

PREEMPTION #5 SETTINGS (NEXT:1-10)
INTERVAL/TIMING ; CLEAR/DWELL PHASES
GRN YEL RED 12345678910111213141516
1 255 0.0 0.0 ¦ X
2 0 0.0 0.0 3 0 0.0
4 0 0.0 0.0
5 1 0.0 0.0 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)O
YELLOW CLEAR BEFORE PRE (0= DEFAULT).0.0
RED CLEAR BEFORE PRE (O= DEFAULT)O.O
DWELL MIN TIMER (0-255 SEC)7
DWELL MAX TIMER (0=0FF,1-255MIN)2
DWELL HOLD-OVER TIMER (0-255)0
LATCH CALL?N
ENABLE BACKUP PROTECTION?
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?
ALLOW PEDS IN DWELL INTERVAL?N
RE-TIME DWELL INTERVAL?
OVERLAPS: ABCDEFGHIJKLMNOP
DWELL INT FLASH YELLOW
OMIT OVERLAPS:

PROGRAMMING COMPLETE

Program extend time on optical detector unit for 2.0 seconds.

DAVENPORT

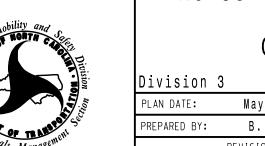
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THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0896 DESIGNED: May 2025 SEALED: 7/2/2025 REVISED: N/A

Project #: 230907 Electrical Details

Final Design - Sheet 7 of 7 ELECTRICAL AND PROGRAMMING

NC 53 (Western Boulevard) Gateway South



Onslow County Jacksonville May 2025 REVIEWED BY: D. Bennett REVIEWED BY:

020608

PREPARED BY: B. Dowell REVISIONS INIT. DATE

SIG. INVENTORY NO. 03-0896

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

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