

EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL

(program controller as shown below)

SELECT 7-PREEMPT DATA FROM MAIN MENU

- PREEMPT 3 -

PREEMPTS		
1-PREEMPT 1	5-PREEMPT 5	9-PREEMPT 9
2-PREEMPT 2	6-PREEMPT 6	A-PREEMPT 10
3-PREEMPT 3	7-PREEMPT 7	B-PREEMPT 11
4-PREEMPT 4	8-PREEMPT 8	C-PREEMPT 12
O-OVERRIDES		D-DEFAULT DATA

PREEMPT 3	
1-MISCELLANEOUS	4-PEDEST. STATUS
2-INTERVAL TIMES	5-OVERLAP STATUS
3-VEHICLE STATUS	

PREEMPT 3 MISC DATA	TEST: 0
DET: 250 DELAY: 0 MXCAL:120 DB/10: 0	
NLOCK: 0 EXTND: 0 L OUT: 0 SRMOD: 0	
LINK#: 0 DURAT: 0 GATE : 0 R2C : 0	
PHASE....1.2.3.4.5.6.7.8.9.0.1.2.3.4.5.6	
EXIT 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0	
CALLS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

select F - return to Preempt 3 menu
select 2 - Interval Times

PREEMPT 3 INTERVAL TIMES		
MIN GRN: 1	MIN WLK: 1	DWL GRN: 7
EXT PED: 0		
---SELECT--- ---TRACK--- ---RETURN---		
GREEN : 0		
PED CLR: 30	PED CLR: 0	PED CLR: 0
YEL/10 : 0	YEL/10 : 0	YEL/10 : 0
RED/10 : 0	RED/10 : 0	RED/10 : 0

select F - return to Preempt 3 menu
select 3 - Vehicle Status

PREEMPT 3 VEHICLE STATUS	
PHASE....1.2.3.4.5.6.7.8.9.0.1.2.3.4.5.6	
TRK GRN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DWELL 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0	
(O-RED.1-GRN.2-FLR.3-FLY.4-DARK.5-FLG)	
CYCLE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
(O-NO..1-ACT..2-MIN REC..3-MX REC)	

select F - return to Preempt Data menu

NOTE: Options 4 & 5 are not used.
Be sure values are set at default=0.

- PREEMPT 4 -

PREEMPTS		
1-PREEMPT 1	5-PREEMPT 5	9-PREEMPT 9
2-PREEMPT 2	6-PREEMPT 6	A-PREEMPT 10
3-PREEMPT 3	7-PREEMPT 7	B-PREEMPT 11
4-PREEMPT 4	8-PREEMPT 8	C-PREEMPT 12
O-OVERRIDES		D-DEFAULT DATA

PREEMPT 4	
1-MISCELLANEOUS	4-PEDEST. STATUS
2-INTERVAL TIMES	5-OVERLAP STATUS
3-VEHICLE STATUS	

PREEMPT 4 MISC DATA	TEST: 0
DET: 251 DELAY: 0 MXCAL:120 DB/10: 0	
NLOCK: 0 EXTND: 0 L OUT: 0 SRMOD: 0	
LINK#: 0 DURAT: 0 GATE : 0 R2C : 0	
PHASE....1.2.3.4.5.6.7.8.9.0.1.2.3.4.5.6	
EXIT 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
CALLS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

select F - return to Preempt 4 menu
select 2 - Interval Times

PREEMPT 4 INTERVAL TIMES		
MIN GRN: 1	MIN WLK: 1	DWL GRN: 10
EXT PED: 0		
---SELECT--- ---TRACK--- ---RETURN---		
GREEN : 0		
PED CLR: 12	PED CLR: 0	PED CLR: 0
YEL/10 : 0	YEL/10 : 0	YEL/10 : 0
RED/10 : 0	RED/10 : 0	RED/10 : 0

select F - return to Preempt 4 menu
select 3 - Vehicle Status

PREEMPT 4 VEHICLE STATUS	
PHASE....1.2.3.4.5.6.7.8.9.0.1.2.3.4.5.6	
TRK GRN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DWELL 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0	
(O-RED.1-GRN.2-FLR.3-FLY.4-DARK.5-FLG)	
CYCLE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
(O-NO..1-ACT..2-MIN REC..3-MX REC)	

select F - return to Preempt 4 menu
select 5 - Overlap Status

PREEMPT 4 OVERLAP STATUS	
PHASE....A.B.C.D.E.F.G.H.I.J.K.L.M.N.O.P	
TRK GRN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DWELL 0 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0	
CYCLE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
(O-R.1-G.2-FR.3-FY.4-DK.5-FG IO-NO.1-ACT)	
TRAIL 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

select F - return to Preempt Data menu

NOTE: Option 4 is not used. Be sure
values are set at default=0.

PROGRAM EXTEND TIME ON OPTICAL DETECTOR UNITS FOR 2.0 SEC.

- PREEMPT 5 -

PREEMPTS		
1-PREEMPT 1	5-PREEMPT 5	9-PREEMPT 9
2-PREEMPT 2	6-PREEMPT 6	A-PREEMPT 10
3-PREEMPT 3	7-PREEMPT 7	B-PREEMPT 11
4-PREEMPT 4	8-PREEMPT 8	C-PREEMPT 12
O-OVERRIDES		D-DEFAULT DATA

PREEMPT 5	
1-MISCELLANEOUS	4-PEDEST. STATUS
2-INTERVAL TIMES	5-OVERLAP STATUS
3-VEHICLE STATUS	

PREEMPT 5 MISC DATA	TEST: 0
DET: 252 DELAY: 0 MXCAL:120 DB/10: 0	
NLOCK: 0 EXTND: 0 L OUT: 0 SRMOD: 0	
LINK#: 0 DURAT: 0 GATE : 0 R2C : 0	
PHASE....1.2.3.4.5.6.7.8.9.0.1.2.3.4.5.6	
EXIT 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	
CALLS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

select F - return to Preempt 5 menu
select 2 - Interval Times

PREEMPT 5 INTERVAL TIMES		
MIN GRN: 1	MIN WLK: 1	DWL GRN: 10
EXT PED: 0		
---SELECT--- ---TRACK--- ---RETURN---		
GREEN : 0		
PED CLR: 8	PED CLR: 0	PED CLR: 0
YEL/10 : 0	YEL/10 : 0	YEL/10 : 0
RED/10 : 0	RED/10 : 0	RED/10 : 0

select F - return to Preempt 5 menu
select 3 - Vehicle Status

PREEMPT 5 VEHICLE STATUS	
PHASE....1.2.3.4.5.6.7.8.9.0.1.2.3.4.5.6	
TRK GRN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
DWELL 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	
(O-RED.1-GRN.2-FLR.3-FLY.4-DARK.5-FLG)	
CYCLE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
(O-NO..1-ACT..2-MIN REC..3-MX REC)	

NOTE: Options 4 & 5 are not used.
Be sure values are set at default=0.

end of programming

VEHICLE RECALLS

(program controller as shown below)

From the Main Menu, Press '3' (Phase Data)

PHASE MENU	
1-VEHICLE DATA	6-SPEC. SEQUENCE+
2-DENSITY TIMES+	7-DETECTOR DATA
3-PEDESTRIAN DATA	8-PHASE & BANK COPY
4-INIT & NA RESP+	9-SELECT PHASE BANK
5-N.LOCK & MISC+	
'+' DENOTES BANKABLE DATA [1]	

VEHICLE DATA	
1-VEHICLE TIMES+	
2-DYNAMIC MAX+	
3-RECALLS+	
4-BIKE & AWS TIMES+	
[1]	

PHASE....1...2...3...4...5...6...7...8	
VEH RCL 0 3 0 3 0 3 0 3	
VEH DLY 0 0 0 0 0 0 0 0	
CODES.....0....1....2....3....4....5....	
NONE 1CALL MIN MAX SOFT BIKE	
[1]	

VEH RECALL PROGRAMMING COMPLETE

PEDESTRIAN RECALLS

(program controller as shown below)

From the Main Menu, Press '3' (Phase Data)

PHASE MENU	
1-VEHICLE DATA	6-SPEC. SEQUENCE+
2-DENSITY TIMES+	7-DETECTOR DATA
3-PEDESTRIAN DATA	8-PHASE & BANK COPY
4-INIT & NA RESP+	9-SELECT PHASE BANK
5-N.LOCK & MISC+	
'+' DENOTES BANKABLE DATA [1]	

PEDESTRIAN MENU	
1-PED TIMES+	
2-PED RECALL+	
3-PED OFFSET+	
4-MISC PED OPTIONS+	
[1]	

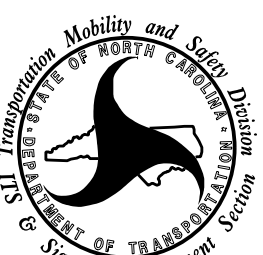
PHASE....1...2...3...4...5...6...7...8	
PED RCL 0 2 0 0 0 2 0 2	
PED DLY 0 0 0 0 0 0 0 0	
CODES.....0....1....2....3....4....	
NONE 1CALL PED NA NA+	
[1]	

PED RECALL PROGRAMMING COMPLETE

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 12-0954T5
DESIGNED: October 2023
SEALED: 09/06/2024
REVISED: N/A

Signal Upgrade-
Electrical Detail - Sheet 3 of 3
(Construction Phase 3)

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR:	NC 127 SE at SR 1692 (1st Ave SE)		SEAL NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 031464 NATASHA R. SIMMONS
	Division 12	Catawba County Hickory	
Prepared for:  750 N.Greenfield Pkwy, Garner, NC 27529	PLAN DATE: January 2024	REVIEWED BY: N.K. Vlanich	DocuSigned by: Natasha R. Simmons 9/6/2024 SIGNATURE DATE
	PREPARED BY: E.E. Tiller	REVIEWED BY: N.R. Simmons	

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