EMERGENCY VEHICLE PREEMPTION
PROGRAMMING DETAIL

(program controller as shown below)

From Main Menu press 'A' (Preemption), then '1'
(Standard Preemptions). Press 'NEXT' to advance
to Preemption #3.

```
   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   0  0.0  0.0 ¦
EXIT CALLS      ¦

PRIORITY (Y/N TO SELECT) ............MED
DELAY TIMER (0-255 SEC) ..............0
MIN GREEN BEFORE PRE (0= DEFAULT)....1
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) .........12
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? ...............N
ALLOW PEDS IN DWELL INTERVAL? .......N
RE-TIME DWELL INTERVAL? .............N
OVERLAPS:         ¦ ABCDEFGHIJKLMNOP
DWELL INT FLASH YELLOW ¦
OMIT OVERLAPS:    ¦      X
```

PRESS 'NEXT' TWICE

```
   PREEMPTION  #5  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   0  0.0  0.0 ¦
EXIT CALLS      ¦

PRIORITY (Y/N TO SELECT) ............MED
DELAY TIMER (0-255 SEC) ..............0
MIN GREEN BEFORE PRE (0= DEFAULT)....1
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) .........7
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? ...............N
ALLOW PEDS IN DWELL INTERVAL? .......N
RE-TIME DWELL INTERVAL? .............N
OVERLAPS:         ¦ ABCDEFGHIJKLMNOP
DWELL INT FLASH YELLOW ¦
OMIT OVERLAPS:    ¦
```
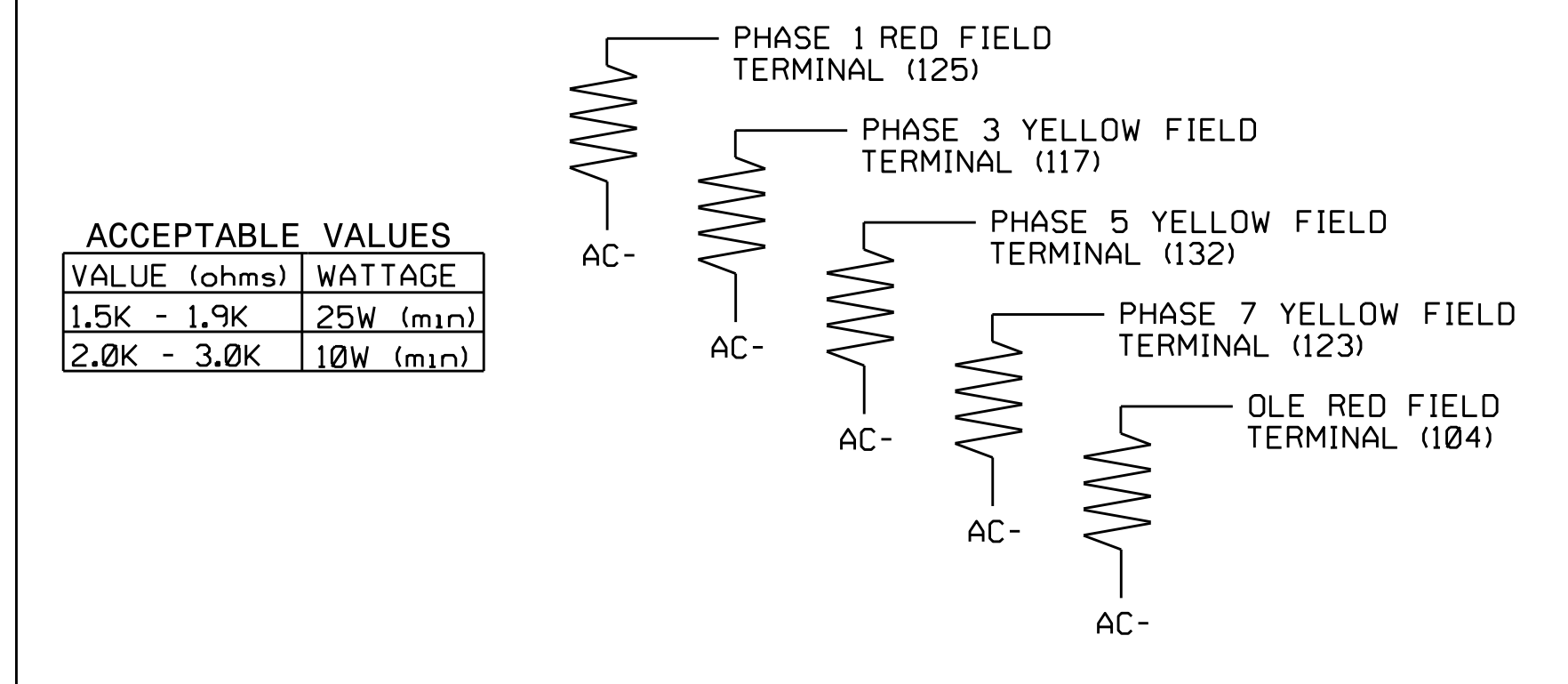
PREEMPT PROGRAMMING COMPLETE

Program extend time on optical detector units for 5.0 sec for EVP3 and EVP5.

LOAD RESISTOR INSTALLATION DETAIL

(install resistors as shown below)

PHASE 1 RED FIELD
TERMINAL (125)

PHASE 3 YELLOW FIELD
TERMINAL (117)

PHASE 5 YELLOW FIELD
TERMINAL (132)

PHASE 7 YELLOW FIELD
TERMINAL (123)

OLE RED FIELD
TERMINAL (104)

ACCEPTABLE VALUES	
VALUE (ohms)	WATTAGE
1.5K - 1.9K	25W (min)
2.0K - 3.0K	10W (min)

PREEMPT ONLY PHASE OMIT NOTE

(program controller as shown below)

From Main Menu press '2' (Phase Control). Then '1' (Phase
Control Functions). Program Phase 5 for 'Omit Phase' and
Phases 1, 2, 4, 6, and 8 for 'Startup Calls'. This is to
prevent Phase 5 from being served when not in Preempt.

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 04-0667
DESIGNED: January 2017
SEALED: 2/14/17
REVISED: N/A

Electrical Detail - Sheet 3 of 4

ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared In the Offices of:

Transportation Mobility and Safety Division
DEPARTMENT OF NORTH CAROLINA
Signals Management Section

750 N.Greenfield Pkwy,Garner,NC 27529

US 64 Alternate
at
NC 43 Bypass/
SR 1250 (Springfield Road)

Division 4	Edgecombe County	Rocky Mount
PLAN DATE: February 2017	REVIEWED BY:	BAS
PREPARED BY: B. Simmons	REVIEWED BY:	KMM

REVISIONS	INIT.	DATE

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
032108
ENGINEER
MOHD A. ASLAMI

DocuSigned by:
Mohd Aslami
2/22/2017
DATE

SIG. INVENTORY NO.   04-0667