

## Appendix A

### 950N-6407 NEOBE LIGHTBAR FACTORY SET FLASH PATTERN

Progressive Slide Switch application

#### **Mode 1**

+12 vdc **ORANGE** Control Wire Activated

Front & Corner Warning Lamps: *Off*

Rear & Side Warning Lamps: *Rear Combination without Side - Scroll Flash Rate*

#### **Mode 2**

+12 vdc **ORANGE & BLUE** Control Wires Activated

Front & Corner Warning Lamps: *Front Combination with Corner - Scroll Flash Rate*

Rear & Side Warning Lamps: *Off*

#### **Mode 3**

+12 vdc **ORANGE, BLUE & WHITE/BLACK** Control Wires Activated

Front & Corner Warning Lamps: *Front Combination with Corner - Scroll Flash Rate*

Rear & Side Warning Lamps: *Rear Combination with Side - Scroll Flash Rate*

#### **Traffic Directional Modes**

Front Warning Lamps: *Front Combination with Corner - Scroll Flash Rate*

Rear Directional Lamps: *Left, Right or Center Out with Side - 6 pulse NEOBE*

### 950N-6407 CONTROL & POWER WIRES

|                         |   |
|-------------------------|---|
| Red                     | +12 Vdc Power   |
| Black                   | GROUND  |
| Orange                  | Mode 1 Control  |
| Blue                    | Mode 2 Control  |
| White/Black             | Mode 3 Control  |
| Green                   | Low Intensity Strobe                                      |
| Brown                   | Takedown or FC/RC Strobe 400AUX                           |
| Red/White               | Right Arrow Traffic Directional                           |
| Brown/White             | Left Arrow Traffic Directional                            |
| Red/White & Brown/White | Center-Out Traffic Directional                            |
| Gray                    | Driver Alley  |
| Yellow                  | Passenger Alley   |
| White                   | Rear Work or (STT - Tail Light)                           |
| Red                     | Optional PRE2-1C Preemption Emitter or (STT - Left Turn)  |
| Violet                  | Optional PRE Parking Brake Override or (STT - Right Turn) |

**Mode Activation: All control wires are +12 VDC activated, except the Green (Strobe Low Intensity) is GROUND activated.**

**Appendix A**  
**950N-6407 FLASH PATTERNS (VER 01)**

12/14/2006  
VER 01

**FRONT & CORNER WARNING LAMP PATTERNS:**

- 1) OFF
- 2) INBOARD/OUTBOARD with CORNER
- 3) INBOARD/OUTBOARD without CORNER
- 4) INBOARD/OUTBOARD without DF1 & PF1
- 5) INBOARD/OUTBOARD without DF1 & PF1 & CORNER
- 6) LEFT/RIGHT with CORNER
- 7) LEFT/RIGHT without CORNER
- 8) LEFT/RIGHT without DF1 & PF1
- 9) LEFT/RIGHT without DF1 & PF1 & CORNER
- 10) RANDOM with CORNER
- 11) RANDOM without CORNER
- 12) RANDOM without DF1 & PF1
- 13) RANDOM without DF1 & PF1 & CORNER
- 14) COMBINATION with CORNER
- 15) COMBINATION without CORNER
- 16) COMBINATION without DF1 & PF1
- 17) COMBINATION without DF1 & PF1 & CORNER
- 18) INBOARD ALTERNATE with CORNER
- 19) INBOARD ALTERNATE without CORNER
- 20) CORNER ONLY
- 21) TRAFFIC DIRECTION with CORNER
- 22) TRAFFIC DIRECTION without CORNER

NOTE: COMBINATION patterns are four cycles of patterns  
(INBOARD/OUTBOARD, LEFT/RIGHT, RANDOM, LEFT/RIGHT)

**REAR & SIDE WARNING LAMP PATTERNS:**

- 1) OFF
- 2) INBOARD/OUTBOARD with SIDE
- 3) INBOARD/OUTBOARD without SIDE
- 4) INBOARD/OUTBOARD without DR1 & PR1
- 5) INBOARD/OUTBOARD without DR1 & PR1 & SIDE
- 6) LEFT/RIGHT with SIDE
- 7) LEFT/RIGHT without SIDE
- 8) LEFT/RIGHT without DR1 & PR1
- 9) LEFT/RIGHT without DR1 & PR1 & SIDE
- 10) RANDOM with SIDE
- 11) RANDOM without SIDE
- 12) RANDOM without DR1 & PR1
- 13) RANDOM without DR1 & PR1 & SIDE
- 14) COMBINATION with SIDE
- 15) COMBINATION without SIDE
- 16) COMBINATION without DR1 & PR1
- 17) COMBINATION without DR1 & PR1 & SIDE
- 18) INBOARD ALTERNATE with SIDE
- 19) INBOARD ALTERNATE without SIDE
- 20) SIDE ONLY
- 21) TRAFFIC DIRECTION with SIDE
- 22) TRAFFIC DIRECTION without SIDE

NOTE: COMBINATION patterns are four cycles of patterns  
(INBOARD/OUTBOARD, LEFT/RIGHT, RANDOM, LEFT/RIGHT)

**FLASH RATES:**

- 1) NEOBE 6 PULSES PER LAMP BURST
- 2) NEOBE 8 PULSES PER LAMP BURST
- 3) NEOBE 10 PULSES PER LAMP BURST
- 4) SCROLL (2 COMPLETE CYCLES AT EACH FLASH RATE).