



## Traffic Control Signal Maintenance Checklist

Intersection (number/major street/ minor street):

Performed by:

Date:

### CABINET

Controller Information

Model/Part No: \_\_\_\_\_ Manufacture Date: \_\_\_\_\_

Serial No: \_\_\_\_\_ Program No.(Econolite): \_\_\_\_\_

- Vacuum Cabinet
- Check for insects/animals
- Check seal at base (Good condition, Re-Caulk, Water/Moisture in Cabinet)
- Check ground rod, clamps & wire
- Check wiring for loose wires and/or corrosion
- Check/replace duct sealant at conduits
- Check fan
- Check/replace lamp
- Check and record current at circuit breaker \_\_\_\_\_
- Check/replace load switches and relays
- Check detector amplifiers Note approaches not working properly: \_\_\_\_\_
- Lubricate hinges and lock
- Replace filter filter size: \_\_\_\_\_
- Remove spare parts (replay, load switches, etc.)
- Check for graffiti on cabinet exterior (Remove or repaint if necessary)
- Remove/Trim brush vegetation

### HANDHOLES

- Check cover (including screws)
- Check integrity of the splices
- Check ground clamps and wire
- Check for abnormal amount of water

### MAST ARM ASSEMBLIES/SPAN POLES/PEDESTIALS

- Check overall mast arm/span pole (pole leaning, repaint pole)
- Inspect anchor bolts for rust and tightness (remove rust, missing cover(s))
- Inspect poles at base plate (remove rust, sections of steel rotted through)
- Inspect pole/arms for rust and corrosion (remove rust, dents)

## Traffic Control Signal Maintenance Checklist

### SIGNAL HEADS

- Check alignment
- Lamp type: All LED Incandescent & LED (list all non LED lamps: approach-left/right- R/Y/G/arrow)
- Check/replace lamps
- Check wires, connections and terminals
- Check gasket for water infiltration and deterioration
- Check for cracks and/or rust on signal heads
- Check hoods, wing nuts and hinges
- Check signal head attachment hardware (including clevis pin) for wear, loose or rust
- Check for wear on spanware
- Shake/twist heads to simulate heavy wind loading
- Recheck signal head attachment hardware
- Clean lenses and signs

### PEDESTRIAN PUSH BUTTONS & SIGNAL HEADS

- Check each push button call to controller
- Check push button signs: secure, clean or replace
- Check audible signal (if installed)
- Check signal head alignment
- Pedestrian signal type Incandescent LED (non-countdown) LED (countdown)
- Check/ replace lamps
- Check wires, connections and terminals
- Check gasket for water infiltration and deterioration
- Check for cracks and/or rust on signal heads
- Check hoods, wing nuts and hinges
- Check signal head attachment hardware (including banding) for ware, loose or rust
- Clean lenses and signs

### OTHER ISSUES OR CONCERNS:

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