

HIGH MAST LIGHT POLE ANNUAL MAINTENANCE CHECKLIST

HIGH MAST LIGHT POLE NUMBER _____ Maintenance Unit _____
 Roadway _____ Milepoint _____ Location _____

| Category | Item | Item Name | Performed Yes/No/NA | Notes |
|-------------------|------|---|------------------------|-------|
| General | 1 | Area Cleanup | | |
| | 2 | Handhole cover and bolts | | |
| | 3 | Other Devices | | |
| | 4 | Light Tables | | |
| Mechanical | 5 | Gear Box | | |
| | 6 | Transitional Yoke and Cables | | |
| | 7 | Lift Cables | | |
| | 8 | Latch System Reflectors | | |
| | 9 | Test Operation of Lowering Device | | |
| | 10 | Mechanical Devices | | |
| | 11 | Clean High Mast Lowering Device | | |
| | 12 | Grease or Lubricate High Mast Lowering Device | | |
| | 13 | Luminaire Ring | | |
| Electrical | 14 | Grounding System | | |
| | 15 | Electrical System Check | | |
| | 16 | Electrical Devices | | |
| | 17 | Pole Cable & Connections | | |
| Structural | 18 | Structural Issues Noted | | |

Crew Supervisor _____

Date _____

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HIGH MAST LIGHT POLE NUMBER _____ Maintenance Unit _____
 Roadway _____ Milepoint _____ Location _____

| Category | Item | Description |
|------------|------|--|
| General | 1 | Remove any unwanted elements such as bird nests, remove debris from around and inside the light pole; remove critter guard and remove any debris and restore critter guard; Mow, weed remove and tree trim as required; remove any soil buildup from around the pole |
| | 2 | Check handhole cover and bolts, tighten and/or replace as required |
| | 3 | Repair or replace other devices as required |
| Mechanical | 4 | Ensure light tables are able to be latched fully into place and functioning properly |
| | 5 | Check gear box for seal leakage |
| | 6 | Check the transitional yoke and cables for corrosion |
| | 7 | Check lift cables for frayed strands |
| | 8 | Repair or replace latch system reflectors as required |
| | 9 | Test lowering devices and fully operate to fully down position |
| | 10 | Repair or replace mechanical devices as required |
| | 11 | Clean lowering device |
| | 12 | lubricate lowering device |
| | 13 | Level the luminaire ring |
| Electrical | 14 | Verify that grounding connections are intact, repair as required |
| | 15 | Check all elements of the electrical system |
| | 16 | Repair or replace electrical devices as required |
| Structural | 17 | Check pole cable insulation and connections for rust and cracks |
| | 18 | Note any structural issues and report to the District Structures Maintenance Office |

SAFETY NOTE

A licensed electrician must be present when working with electrical equipment or devices.