**Signal Inspection Form**

TRAFFIC SIGNAL FILE NUMBER: LOCATION:

COUNTY AND ROUTE NUMBER: ODOT SIGNAL SYSTEM NUMBER:

DATE INSPECTED: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_\_ TIME REQUIRED: \_\_\_\_\_\_\_\_\_\_

CONTROLLER TYPE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ODOT NUMBER: \_\_\_\_\_\_\_\_\_\_\_

MONITOR MODEL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CM: ODOT NUMBER: \_\_\_\_\_\_\_\_\_\_\_

MMU: COORDINATION TYPE:\_\_\_\_\_

INSPECTED BY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TITLE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

INSPECTED BY: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TITLE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1 TRAFFIC SIGNAL HEAD** **Satisfactory Unsatisfactory N/A Repaired**

1.1 Alignment

1.2 Date re-lamp Date re-lamped \_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

1.3 Clearance Height Clearance Ft.\_\_\_\_\_\_ In.\_\_\_\_\_\_\_\_

1.4 Condition including the following:

lens (dirty, burns, holes), lamp orientation, visors, lamps (all burning), signal head cable condition(splices/wear), Prepare to Stop When Flashing sign, above ground detection, water leaks

**2 OVERHEAD SIGNAL SUPPORT SYSTEM**

2.1 Condition including the following:

messenger wire for rust, grips, 3-bolt clamps, pole clamp bolts tight, wire entrance and pin wear, span wire signing, pole clamp assembly and clevis pin wear, lashing rods, signal cable

**3 CONTROLLER & CABINET**

3.1 Intersection documentation Present & Current Present & Not Current Not Present

3.2 Conflict Monitor or MMU (12 mo. inspection) Date: \_\_\_\_/\_\_\_\_\_/\_\_\_\_\_\_

3.3 All detection operational\*\* All working 1 Detector Failed 2 or more Failed

3.4 Wires and cables labeled

3.5 Cabinet sealed to foundation

3.6 Lock condition (including

Power Service)

3.7 Filter Clean (Size\_\_\_X\_\_\_\_X\_\_\_\_)

3.8 Cabinet lamp working

3.9 GFCI receptacle (test)

3.10 Wire terminations tight

3.11 Prepare To Stop When Flashing

Timing (Ph.\_\_= \_\_\_\_sec.) (Ph.\_\_= \_\_\_\_sec.)

3.12 Load switch indicators lighting

3.13 Preemption

3.14 Cabinet earth ground (\_\_\_ohms)

3.15 Lightning arresters

3.16 Housing conduit sealed

3.17 Cabinet fan / thermostat

3.18 Cabinet clean? need vacuuming?

3.19 Cabinet hinges, need lubricated?

**Signal Inspection Form (continued)**

**Satisfactory Unsatisfactory N/A Repaired**

**4 SIGNAL STRAIN AND WOOD POLES**

4.1 Anchor bolts tight

4.2 Hand hole covers in place

4.3 Pole grounds

4.4 Pole cap in place

4.5 Concrete foundation

4.6 Down guys

4.7 Wood pole condition

**5 POWER SERVICE**

5.1 Condition including:

weather head, wire chaffing, splices at top of pole, switch box condition, meter box

**6 LOOP DETECTORS & SEALANT**

6.1 Cracks filled with sealant

6.2 No exposed wires

6.3 No pavement cracks (Note crack repair in comments for crack sealant repair crew scheduling)

**7 PEDESTRIAN OPERATION**

7.1 Including:

pedestrian head aim/alignment, pedestrian headworking

**8 PULL BOXES**

8.1 Condition including:

all located, lids on all, draining properly, wires and cables labeled, wires and conduit in good shape, conduit sealed, lid marked **“Traffic”**

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| **Item #** | **Comments** |
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