

## Field Check - Partial Inspection Form

Vendor/Contractor performing inspection \_\_\_\_\_

Project Name/Number \_\_\_\_\_

**IMSMA Certified Field Technician Level II Information**

Name _____	Number _____
Signature _____	Completion Date _____

Intersection \_\_\_\_\_

**Please check off each item and note any differences.**

- [ ] 1. Touch 110vac to each signal/ped cable to insure proper direction is hooked up for all signals  
**Note Directions Tested** NB\_\_\_ NBLT\_\_\_ SB\_\_\_ SBLT\_\_\_ EB\_\_\_ EBLT\_\_\_ WB\_\_\_ WBLT\_\_\_  
**Ped Signals** phase\_\_\_\_\_ phase\_\_\_\_\_ phase\_\_\_\_\_ phase\_\_\_\_\_
- [ ] 2. Check controller setup: Timing, CNA, monitor settings current etc.
- [ ] 3. Check proper flash and signal operation.
- [ ]\* 4. All lanes of detection calling OK. If otherwise, tag controller and take appropriate action. Loop detector lead-ins must be soldered in pull boxes/poles and cabinet. Video detection zones approved by Traffic Signal Operations Engineer or Technician.
- [ ] 5. Pedestrian signals & push buttons operating properly, including proper phasing.
- [ ] 6. Cables terminated in cabinet properly.
- [ ]\* 7. Cables in and out of cabinet labeled.
- [ ] 8. Earth ground connected and tightened properly; \_\_\_\_\_ mA (less than 1.0A)  
 \_\_\_\_\_ohms (should be less than 10 and more than 0.8) and 2 cabinet ground rods exist per cabinet. Must be tested with AEMC 6416 clamp on or equivalent after power is applied to cabinet.
- [ ]\* 9. Cabinet sealed (pole and base mount). Ducts sealed with steel wool and duct seal.
- [ ] 10. Work-pad Present
- [ ]\* 11. Inspect any changes of overhead signs, and signal movement.
- [ ] 12. Complete set of paperwork at cabinet (include one complete set of schematics, old timing sheet (if applicable), copy of signal construction plans, and controller manual.
- [ ]\* 13. Update equipment inventory list (field and shop copy).
- [ ] 14. Communications installed per plan and online.
- [ ] 15. Pavement marking installed per plan, or MOT phase.

**Note: An asterisk (\*) designates punch list item – no strike assessed**