

Field Check - Complete 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
- 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 markings installed per plan or MOT phase.

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