

## TS2 Controller Cabinet Test Procedures Form 2

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

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

**IMSA Certified Field Technician Level II Information**

Name \_\_\_\_\_ Number \_\_\_\_\_

Signature \_\_\_\_\_ Completion Date \_\_\_\_\_

Intersection \_\_\_\_\_

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

- 1. Compare the complete *Controller Cabinet Inventory Form* with vendor inventory sheet before starting the test. Note any discrepancies.
- 2. Check that all harnesses and panels are properly labeled.
- 3. Proper number of circuit breakers and proper amp rating.
- 4. Cabinet meets specifications in latest plan set.
- 5. Cabinet schematics are labeled and correct.
- 6. Check and tighten all connections/screws.
- 7. Certify MMU using tester using ATSI model PCMT 8000 or equivalent
- 8. Install tested controller, certified MMU, rack detectors, and other equipment. Hook up light board, power cord and appropriate test equipment and check proper operation.
- 9. Check fan, thermostat, and lighting. Test GFCI and verify it controls all fans and lighting.
- 10. Verify Layer 2 communication switch powers up.
- 11. Test for conflicts.
- 12. Test for red fails by removing all vehicle load switches one at a time.
- 13. All cabinet switches work properly.
- 14. Correct phasing exists on flash transfer relays.
- 15. All unused and permissive left turn phases wired for no flash.
- 16. Check that unused phases are tested for proper operation if needed in future.
- 17. Video camera and radar equipment verify equipment is functional.
- 18. Cabinet has been test run at least 48 hours.
- 19. Package all unused load switches, flash transfer relays, and etc in box with intersection name and provide to the City on switchover.
- 20. One complete set of paperwork in pouch. Set shall include box prints, reduced copy of plan set. Extra copies shall be given to City on day of switchover.