

TS2 CABINET CHECK-IN

rev 4 Apr 2013

Location: _____

Date Received: _____ **Recorder:** _____

Cabinet S/N: _____ **Phases Used:** _____

Controller S/N: _____ **MMU S/N:** _____

Documentation Includes:

- Five Prints _____
- Maintenance Manuals (Controller, Conflict Monitor, Relays, etc.) _____
- Disk of Prints _____

Hardware

- Visually inspect the cabinet for damage _____
- Anchor bolts _____

Each cabinet must include:

- Qty. (2) #2 keys for door lock _____
- Qty. (2) police door lock keys & police door lock _____
- 16 Load Switch Bases _____
- 16 Load Switches _____
- 8 Flash Transfer Relays _____
- Vent / Filter 12"X16"X1" _____
- Flasher Relay _____
- L.E.D. Lamp _____

Information on Door

- Listing of all Terminal Numbers _____
- Intersection Name _____
- City of Suffolk _____
- Cab Drawing # _____

Power

Transient Protection for:

- Power _____
- Loop Detectors _____
- Field Terminals (MOV's) _____

Power Panel

- 5 Breakers
- 50 amp _____
 - 15 amp _____
 - 15 amp _____
 - 20 amp _____
 - 10 amp _____
- Power Panel Shield provided _____

- Ground & neutral buss bars bonded _____
- Ground Fault Receptacle _____
- Convenience Receptacle _____

Switches

Check operation of Police Panel

- Flash/Auto Switch _____
- Manual/Auto Switch _____
- Manual Push Button Jack _____

Inside Switches

- Auto/Flash _____
- Controller On/Off _____
- Stop Time/Auto _____
- Signals On/Off _____

Cables/Harnesses

- 6 SDLC (1 controller, 1 MMU 4 BIU) _____
- 1 controller power _____
- 2 MMU _____

Termination Panels

- All terminal blocks marked _____
- All terminal blocks marked on the back plane _____
- Power terminal strip provided for extra equipment _____

Detector Termination Panel includes terminations for:

- DP1 & DP 2 call channels 1 – 16 (BIU 9) _____
- DP3 & DP4 call channels 17-32 (BIU 10), wired for viewcom _____
- _____
- Ground (3) _____
- Logic Gnd (3) _____

Detector Test Panel

- Test switches channels 1-32, Ped 1-8, pre-emption 1-6 _____

Non-NEMA Wiring Alterations

- Red, Yellow & Green outputs for Phases 1,3,5,7, overlaps & pedestrian phases are tied to load resistors

- Unused Phases – Red output to AC+ _____

OPTICOM

- Opticom Phase Selector, Model 764 (Serial #) _____

Video Detection

- Monitor cable _____
- Zoom/Focus Cable _____
- Programming Harness _____
- Video Monitor _____
- Video Cards (3 ea.)(VIP3D.2) _____
- Viewcom Card _____

Cabinet Operation

Check with cabinet hooked up as it would be in the field

- Check each switch in the cabinet for correct operation _____
- After cabinet leaves flash state, cabinet restarts with a green on the main streets _____
- Check the cabinet light switch operation _____
- Check the thermostat & fan operation _____
- Read the convenience receptacle voltage _____
- Check the relay to panel socket connections for looseness _____
- Check the load switch seating _____
- Ensure that all calls are placed on each phase & serviced _____
- Check the 24 VDC controller output _____
- Measure the controller monitor output _____
- Check the controller programming for correctness; check against the shop's "Intersection Timings Book"
Main Phases: _____ Yellow Flash Required _____ Yellow Flash Provided _____
- Check MMU program card against prints _____
- Test the MMU on an automatic device tester _____
- Remove the load switch to cause the activation of the MMU; this tests every channel input wire & proves that the MMU can detect a conflict _____
- Check stop time operation during flash _____
- Check flasher for firmness in socket; check on/off ratio & flash rate _____
- Check that flash circuit disengages signal indications _____
- Verify the MMU date & time setting _____