

Sample MN/DOT Traffic Signal Operation Checklist

- Check operation of all ped push buttons and if SIGNS are in place.
For nonfunctioning ped buttons, the corresponding phase should be put on ped recall and ESS should be notified.
- Check all vehicle and pedestrian indications for bulbs out, visors or background shields missing or heads turned, etc.
- Any bulbs out should be called in immediately to the agency responsible for relamping. Follow up with a letter if necessary.
We usually check luminaires in the Fall.
- Watch a complete cycle looking for bad fuses in the controller cabinet.
- Check that all detectors tune and pick up vehicles.
- Check the clock/date settings in the controller. Verify timing in controller (this is mostly for isolated intersections.) We can upload and check timing where we have phone lines. Bring timing sheets out if needed. Copy timing changes, if we need it to update our files.
- Does cabinet have prints and log book has intersection layout, wiring diagram and extra maintenance log sheets. Identify where new Log Books are needed.
- TEST fan(s), then set thermostat between 85-95 degrees.
- Test light in Cabinet, replace bulb if burned out.
- Does cabinet or signals need painting?
- Document the LED's
- Check & record speed limits. See that they match plan.
- Document NO RIGHT TURN ON RED SIGNS(they affect delay timing in the turn lane)
- Document Meter Number #
- Document # heads over two lane roads for speeds over 45mph
- Document your observations and comments if they will help improve the signals operation.
- Replace filters once in the Spring or more often if needed.
- Enter date, time, Operation Check, with any changes or problems found and sign your name in the intersection log book.
- Meet with a rep from the RR every Spring at each interconnected RR crossing.
Update the "Highway/Railroad Interconnected Signals - Inspection Form"