

Traffic Signal Test Lab

The Traffic Signal Lab provides support to the other two field groups, Traffic Signal Maintenance and Traffic Signal Construction. In the event of an emergency the lab will provide the necessary material to complete repairs for damaged signal standards, signal control cabinets or electrical services. The lab also provides material for scheduled work such as new intersections and upgrades.

The test and inspect section provides quality assurance testing for 332/170 and NEMA traffic signal equipment utilizing a state of the art environmental chamber for contract projects, city upgrades and accident replacement. This section configures the controller cabinets according to the traffic signal plans and timing prior to shipment.

The solid state section tests and repairs defective equipment and inspects and tests all new equipment. They also evaluate all new incoming traffic signal equipment for the Los Angeles County Qualified Products List (QPL). The traffic signal systems section implements system timing, trouble shoots and installs video detection and Closed Circuit TV systems (CCTV), installs communication equipment and performs field modifications.

We maintain, repair and install battery backup systems, electrical services, vehicle calming signs and solar powered beacon flashers. Our staff is involved in the programming and debugging of traffic control software.