

737 INCIDENTAL ELECTRICAL WORK

Incidental electrical work may include:

- the maintenance of existing traffic signals,
- providing and maintaining temporary traffic signals,
- removing and salvaging electrical equipment, or
- relocating electrical equipment.

737-3 Construction

737-3.01 Maintaining Existing Traffic Signals and Lighting Systems

On construction projects where existing traffic signals must remain operational during construction, the Contractor may be required to install new signals and coordinate traffic control activities accordingly. The Contractor may need to shut down the existing signals temporarily for short periods of time. This is permissible providing the proper traffic control is maintained. Usually this will require the use of an off-duty uniformed law enforcement officer to direct traffic. The Contractor must maintain that all signals are (including pedestrian signals and push buttons) fully operational at night.

The Contractor will furnish the Resident Engineer with the name and telephone number of a person who will be available for emergency maintenance 24 hours a day. This information should then be furnished to local law enforcement agencies and to local government officials as needed.

737-3.02 Temporary Traffic Signals

Temporary traffic signal work may require the Inspector to coordinate such work with local governmental agencies and obtain their approval of any such work. The Resident Engineer should obtain from the Contractor the name and telephone number of a designated person who will be available for emergency maintenance 24 hours a day. This information should be furnished to local law enforcement agencies and to local government officials.

737-3.03 Removing and Salvaging or Reinstalling Electrical Equipment

When the removal and salvage of electrical equipment is designated in Project Plans or Special Provisions, a delivery location or storage site is not always specified. In this case, the Resident Engineer should designate a storage site. It is advisable for the Inspector to take an inventory of this equipment and its physical condition before it is removed by the Contractor. Any damage to the equipment is the responsibility of the Contractor. However, the Department is obligated to substantiate such damage. [Construction Bulletin 10-03](#) defines procedures for salvaged material, including when it is determined the material is not needed or the condition may necessitate disposal.

If the Project Plans call for the removal and relocation of electrical material, the Contractor will perform this work in accordance with the Project Plans and provide all hardware and materials necessary to complete the work. The Inspector should verify the existing equipment is properly cleaned as required and any defective or damaged parts be replaced. If existing parts or equipment need replacement and have not been damaged by the Contractor, they shall be paid for as "extra work." If equipment is damaged or destroyed as a result of improper care and work methods, the Contractor is obligated to replace it with new or equivalent equipment. The Inspector should, therefore, carefully inventory and check the condition of the existing system before work begins.