

**SECTION 11.18
REMOVAL AND/OR RELOCATION OF TRAFFIC
SIGNAL EQUIPMENT**

11.18.01--Description: Work under this item shall consist of removal and, where required, relocation of existing traffic signal equipment at the location shown on the plans or as directed by the Engineer and in conformity with these specifications.

11.18.02--Materials: All materials required for this work shall conform to the requirements of these specifications or the special provisions for the material in question; or if not so specified, they shall be of a quality satisfactory to the Engineer.

11.18.03--Construction Methods: Existing traffic signal equipment shall be carefully removed together with all fittings and attachments in such a manner as to safeguard all parts from damage or loss. The Contractor shall replace, at his own expense, all equipment which becomes damaged due to his operations.

Removal of existing signal and control equipment shall be coordinated with the installation of new signal and control equipment so as to maintain uninterrupted traffic signal operation at each intersection. The Contractor shall furnish and install signals, supports or other equipment necessary to provide for uninterrupted signal operation as directed by the Engineer.

Traffic signal equipment, fittings, wires, cable, conduit and all other materials shall be reinstalled and extended where necessary to maintain satisfactory operations.

Where attachment points for span wire or other signal equipment are on a utility pole, the Contractor shall secure from the owning utility company the permission to remove or install such attachments in accordance with their requirements.

Equipment shall be removed in such a manner as to cause no hazard to pedestrians, traffic or property. If necessary, flagmen shall be used to halt traffic briefly while work is in progress. When plans call for relocation of existing equipment, the work shall be accomplished with a minimum of down time.

All removed equipment, including wire and cable that is not reused at the location, is to be returned to the State depot as designated by the Engineer. Material, such as concrete foundations, etc. shall be removed to a suitable dump. When poles, foundations, etc. are removed, the hole shall be backfilled with clean fill material, which shall be compacted and the ground restored to a grade and condition compatible with the surrounding area. Topsoil to a minimum depth of 100 mm shall be applied and seeded with perennial grass seed. If in a sidewalk area, the surfacing shall be with material compatible with the rest of the sidewalk. Where pressure sensitive vehicle detectors are to be removed from the roadway, the entire detector frame shall be removed, the hole shall be backfilled and the roadway surface restored, in accordance with the appropriate sections of the Standard Specifications.

11.18.04--Method of Measurement: This work shall be at the Contract lump sum price for the completion of all work specified.

11.18.05--Basis of Payment: This work will be paid for at the Contract lump sum price for the "Removal and/or Relocation of Traffic Signal Equipment" which price shall include all removals, all relocations, all material, equipment and labor incidental to completion of this item.

Pay Item	Pay Unit
Removal and/or Relocation of Traffic Signal Equipment	L.S.