

SECTION 413 -- LIGHTING CONTROL CENTERS

413.01 -- Description

1. New Lighting Control Center:

The Contractor shall furnish and install a new lighting control center of the size and type shown in the plans. This work includes the relay, disconnect, contactor, pole, control cabinets, grounding devices, photo control, conduit, concrete, fittings, excavating, backfilling, compacting, and all other items required for a complete installation.

2. Relocate Existing Control Center:

The Contractor shall relocate the lighting control center as shown in the plans. The lighting control center shall be carefully dismantled, stored, and protected from damage. The Engineer may designate specific areas for temporary storage of the materials. The lighting control center shall be installed at the prescribed new location and connected electrically as shown in the plans. Missing or damaged components shall be replaced by the Contractor before final payment will be made.

3. Temporary Lighting Control Center:

The Contractor shall install the temporary lighting control center as prescribed in the plans.

4. a. If the Department is furnishing the lighting control center, the items and the location where they are to be picked up will be shown in the plans. The Contractor shall provide all other materials required for a complete installation and shall install all materials as shown in the plans.

b. The Contractor shall contact the Engineer for additional details associated with obtaining the Department-furnished material. The Engineer will supply the Contractor with a completed DR Form 146, "Stock Requisition." The Contractor will not be issued materials without a properly completed "Stock Requisition."

413.02 -- Material Requirements

Lighting control centers shall conform to the requirements shown in the plans and Section 1073.

413.03 -- Construction Methods

1. The location of the lighting control center is approximate. The actual location will be determined by the electric utility and the Engineer.

2. The Contractor shall assemble the lighting control center in accordance with the manufacturer's instructions and the details shown in the plans or as directed by the Engineer.

3. The Contractor shall take appropriate action to insure that all conduits within cabinets are clear of any braces or equipment which would interfere with cable runs. Unless indicated otherwise, one extra 35 mm conduit bend, with the ends capped, shall be installed in each pad mounted lighting control center cabinet foundation.

413.04 -- Method of Measurement

Lighting control centers shall be measured by the each.

413.05 -- Basis of Payment

- | <u>1. Pay Item</u> | <u>Pay Unit</u> |
|---|-----------------|
| Lighting Control Center, Type _____ | Each (ea) |
| Install Lighting Control Center,
Type _____ | Each (ea) |
| Relocate Lighting Control Center,
Type _____ | Each (ea) |
2. Payment is full compensation for all work prescribed in this Section.