

## SECTION 411 -- TRAFFIC SIGNAL CONTROLLER

### 411.01 -- Description

1. The Contractor shall furnish and install traffic signal controllers of the type and at the locations shown in the plans. The Contractor shall take care that all conduits within the cabinet are clear of any braces or equipment which would interfere with cable runs. One spare 50 mm conduit bend shall be installed in each pad mounted controller foundation. The ends of the bend shall be capped. This work shall include furnishing and installing the controller, concrete, spare bend, and all excavation, backfilling, labor, equipment, tools, and incidentals required to complete the work.

2. All equipment required to be installed on the power pole, such as meter sockets and breaker boxes, is considered subsidiary to the traffic signal controller installation.

### 411.02 -- Material Requirements

1. Traffic signal controllers shall meet the requirements in Section 1073.
2. Concrete shall meet the requirements in Section 1002.

### 411.03 -- Construction Methods

The controller shall be placed on a concrete pad as shown in the plans. The controller shall not be placed in a ditch or depression that is subject to water ponding or flooding. Pole mounted controllers shall have a pad constructed below the controller as shown in the plans.

### 411.04 -- Method of Measurement

Traffic signal controllers shall be measured by the each.

### 411.05 -- Basis of Payment

- | 1. | <u>Pay Item</u>                                     | <u>Pay Unit</u> |
|----|---|-----------------|
|    | Traffic Signal Controller,<br>Type TC _____         | Each (ea)       |
|    | Install Traffic Signal Controller,<br>Type TC _____ | Each (ea)       |
2. Payment is full compensation for all work prescribed in this Section.