

SECTION 409 -- SIGNAL HEADS

409.01 -- Description

The Contractor shall furnish and install signal heads of the type and size shown in the plans. This work shall include furnishing and installing the signal head, lamps, mounting bracket, and backplate (if required). Pole mounted signals do not require backplates.

409.02 -- Material Requirements

- 1. Traffic and pedestrian signal heads shall be in conformance with Section 1073.
- 2. Optically programmed signal heads shall be on the NDR Approved Products List.

409.03 -- Construction Methods

- 1. The Contractor shall install signals plumb, securely attached with all fittings, and so they present a neat appearance.
- 2. If required, the Contractor shall furnish pipe nipples in appropriate lengths so that all signals on one span will hang at the same elevation.
- 3. If, after the signal assemblies are erected and the road is open to public travel, the signal system is not put immediately into operation, the signal faces shall be covered with burlap or other opaque material subject to the approval of the Engineer. Inoperative signals on roads open to the public shall always be covered. Tilting the signals upward is not an acceptable alternative to covering the heads.

409.04 -- Method of Measurement

Signal heads shall be measured by the each.

409.05 -- Basis of Payment

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