

After completion, testing, and acceptance, any new traffic signal shall be placed on flashing operation for a 72 hour period prior to placing the signal on full color operation. Existing full color and flashing signals shall not flash, but shall be kept in operation until the new signal is completed, satisfactorily tested, and approved by the Engineer.

The Contractor shall remove any STOP signs at new full color signals at the end of the 72 hour flashing period. The date and time of removal shall be logged and provided to the Engineer.

All signal heads, signs, spans and mast arms, that are not to be put in use, shall be removed upon acceptance by the Engineer and placement of the new traffic control device into operation.

New traffic signals, exclusive of signal system interconnect installation, may be placed into operation upon completion of the new traffic signal being satisfactorily tested and accepted by the Engineer. Upon the signal system interconnect installation completion, the signal system interconnect shall also be satisfactorily tested and approved by the Engineer.

**820.04 MEASUREMENT AND PAYMENT.** General electrical work and testing and the as-built drawings will not be measured but the cost will be incidental to the other pertinent items specified in the Contract Documents.

## **SECTION 821 — BREAKAWAY BASE SUPPORT SYSTEMS**

**821.01 DESCRIPTION.** This work shall consist of furnishing and installing breakaway base support systems or installing Administration furnished breakaway base support systems as specified in the Contract Documents.

**821.02 MATERIALS.** Breakaway base support systems shall conform to the breakaway requirements specified in AASHTO Specification for Structural Supports for Highway Signs, Luminaires, and Traffic Signals as approved by the Office of Traffic & Safety.

**821.03 CONSTRUCTION.** The Contractor shall furnish and install breakaway base support systems for signals, lighting and signing, including post hinge assembly units for sign structures, as specified in the Contract Documents and in conformance with the manufacturer's

recommendations. The ground adjacent to the breakaway base shall be graded as specified in the Contract Documents.

The concrete foundation shall conform to Section 801.

**821.04 MEASUREMENT AND PAYMENT.** The payment will be full compensation for all excavation, backfill, grading, and for all material, labor, equipment, tools, and incidentals necessary to complete the work.

Breakaway Base Support Systems will be measured and paid for at the Contract unit price per each for breakaway support systems furnished and installed as specified in the Contract Documents.

Installation of Administration supplied breakaway support systems will be measured and paid for at the Contract unit price per each. Transportation to and pick up of Administration supplied components will not be measured but the cost will be incidental to this item.

Breakaway base support systems for signals. Refer to 818.04.01.

## **SECTION 822 — REMOVE AND RELOCATE EXISTING SIGNS AND SIGN STRUCTURES**

**822.01 DESCRIPTION.** This work shall consist of removing and relocating existing signs and sign structures as specified in the Contract Documents or as directed by the Engineer.

**822.02 MATERIALS.** Not applicable.

**822.03 CONSTRUCTION.** All existing cable shall be made safe in conformance with the appropriate electrical codes and as directed by the Engineer.

**822.03.01 Removing Existing Signs.** Existing signs may be relocated during construction. All existing and relocated signs shall be removed when the new signing system is installed. All new signs in a particular sequence giving similar directions shall be installed before existing signs are removed.

Concrete foundations remaining after removing the sign structure shall be removed as specified in 207.03.01. All holes left after sign removal shall be backfilled, compacted, and restored to conditions similar to its surroundings as approved by the Engineer.