

ITEM 0262801

CABLE CLOSURE

DESCRIPTION

This item shall consist of furnishing and installing cable closures of the type specified at the location shown on the plans or as indicated by the Engineer and in conformity with these specifications.

REFERENCED ITEMS

None

REQUIRED SUBMITTALS

Shop Drawings:

Submit 5 copies of shop drawings for cable closure and all hardware accessories in accordance with these specifications and the contract general requirements.

MATERIALS

The materials for this work shall conform to the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges and Incidental Construction (Form 816) Article M.16.14 supplemented and amended as follows:

Subarticle M.16.14 - 5 - Cable Closure: After the only paragraph add the following: The cable closure installed to terminate interconnect shall be designated as Type A. This closure shall be weather resistant, contain an inner shield bond and grounding continuity system. All external parts shall be stainless steel. The closure shall be provided with 3 or 4 entrances, dependent on the number of cables terminated in the closure. The main entrance shall accommodate cable with a diameter of 0.4" to 1.0" and the branch entrance shall accommodate a cable with a diameter of 0.4" to 1.0". The size of the closure shall be: length 17" to 24", width 3" to 5", height 5" to 6.5". Each closure shall be provided with a minimum of 24 terminals, either screw type or pressure type.

CONSTRUCTION METHODS

Work under this item shall conform to the requirements of Section 11.13 of The State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, 2004, supplemented and amended as follows:

Subarticle 11.13.03 - 3 Cable Closures: After the only paragraph add the following:

The Type A cable closures attached to the 12 pair figure 8 cable shall be used for to provide an access for the 16/6 pair traffic signal interconnect. The locations shall as shown on the plans.

Only the conductors of the first 6 pairs, designated as "Traffic Signal Interconnect Pairs" in the special provisions to the Communication Cable, shall be cut and terminated in these closures. Connection to traffic signal pairs shall be as shown in the Typical Cable Closure Illustration contained herein. The conductors designated as not used shall not be cut at these closures. The Type A Cable Closures shall be installed approximately 3 feet from the indicated utility pole, unless otherwise directed by the Engineer.

METHOD OF MEASUREMENT

The item "Cable Closure" will be measured for payment by the number of each cable closures of the type furnished, installed, operating and accepted in place.

BASIS OF PAYMENT

This work will be paid for at the contract unit price each for "Cable Closure", which price shall include furnishing and installing the unit, all materials, tools, equipment, all labor and work incidental thereto.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0262801	Cable Closure	EA