

## **ELECTRIC CABLE (LCDOT)**

Effective: October 1, 2016

Revised: October 1, 2017

LC873.01

**Description:** This work shall consist of furnishing and installing an electric cable of the type, size and number of conductors specified.

**Materials:** The electric cable shall meet the requirements of Article 1076.04 of the "Standard Specifications" and the following:

- Signal Cable: The conductors for signal cable shall be limited to No. 14 AWG solid copper.
- Service Cable: The service cable may be either single or multiple conductor cable.
- The electric service cable shall have an XLP jacket.
- All other cable jackets shall be polyvinyl chloride, meeting the requirements of IMSA 19-1 or IMSA 20-1.
- The jacket color for signal cable shall be black.
- The jacket color for lead-in and communications cable shall be gray.
- All cabling between the signal cabinet and the signal heads shall be solid copper, not multi-stranded.
- Heat shrink splices shall be used according to the District 1 "Standard Traffic Signal Design Details" as shown on the plans.

**General:** This work shall be performed according to Section 873 of the "Standard Specifications".

**Method of Measurement:** Electric Cable will be measured for payment in feet according to Article 873.05 of the "Standard Specifications".

**Basis of Payment:** This work will be paid for at the contract unit price per foot for ELECTRIC CABLE, of the method of installation (IN TRENCH, IN CONDUIT, or AERIAL SUSPENDED), of the type, size and number of conductors or pairs specified.