

**SECTION 10.06
UNDERBRIDGE LUMINAIRE**

10.06.01--Description: This item shall consist of furnishing and installing a luminaire of the kind, type and size called for on the plans with necessary mountings, conduit, conductors, fuses, fuseholders, lamp and integral ballast as shown on the plans and details or as directed by the Engineer and in conformity with these specifications.

10.06.02--Materials: The materials for this work shall conform to the requirements of Article M.15.07.

10.06.03--Construction Methods: The underbridge luminaire shall be installed at the location and to the dimensions shown on the plans and details.

The wall or pendent mounted luminaire shall be installed as detailed on the plans. The pendent mounted luminaire shall provide the IESNA light distribution type called for on the plans.

Conduit shall be installed in accordance with Article 10.08.03.

Conduit shall be installed from the junction box or handhole to the luminaire on the surface of the bridge structure or along the top of the concrete piers or between the bridge girders.

The conductors shall be installed in the conduit from the luminaire to the junction box or handhole and connected to the lighting circuit with fuses and fuseholders.

10.06.04--Method of Measurement: This work will be measured for payment by the number of underbridge luminaires, complete and accepted in place.

10.06.05--Basis of Payment: This work will be paid for at the Contract unit price each for "Underbridge Luminaire," complete in place, which price shall include all materials, including fuses, fuseholders, conduit, luminaire, ballast, reducers, lamp, mounting plate, conductors, all the hardware, fittings, expansion fittings, flexible conduit, straps, backspacers, conduit clamps, equipment, tools, labor and work incidental thereto.

Pay Item	Pay Unit
Underbridge Luminaire (Kind-Type-Size)	EA.