

807-T-226 HIGHWAY ILLUMINATION

(Adopted 05-21-20)

The Standard Specifications are revised as follows:

SECTION 807, BEGIN LINE 526, DELETE AND INSERT AS FOLLOWS:

807.13 Luminaires**(a) Installation**

Luminaire installation shall consist of the physical placing of the luminaire. Each installation shall include the furnishing and placing of the light source as designated. Luminaires shall be compatible with other lighting materials as specified in 920.01.

1. Roadway Luminaires

Each luminaire shall be leveled in both directions in the horizontal plane after the light standard has been erected and adjusted. Rotary adjustment of the mast arm and vertical adjustment of roadway luminaires to obtain an installed level position in both directions shall be accomplished by means of the bolted saddle arrangement used to attach the luminaires to the mast arm. Lamp socket positions may be shown on the plans by type of Illuminating Engineering Society of North American, IES, and light pattern. The specified lamp socket position or comparable arrangement of LEDs shall be used to obtain the desired light pattern delivery. Proper connections shall be made to provide operation at the voltage being supplied. Replacements needed because of faulty or incorrect voltage connections shall be made with no additional payment. All roadway luminaires provided for an intersection, interchange, or contiguous highway segment shall be the same model.

2. Sign Luminaires

Connections in which plain and galvanized steel are in contact shall be protected such that aluminum surfaces shall receive one coat of zinc chromate primer. Steel surfaces shall be prepared in accordance with 619.08(a), ~~619.08(b)~~ and 619.08(d), and painted with *the* structural steel *paint* system in accordance with 619.09(a). All paint shall be allowed to cure before assembly. Conduit fittings, if required, shall be watertight. Required conduit shall be either rigid or flexible as necessary. Conduit shall not be clamped to a sign panel.
