



**SPECIAL PROVISIONS
FOR
ARCH RIB SERVICE LIGHTING**

**Scott County
IM-NHS-074-1(198)5--03-82**

**Effective Date
April 25, 2017**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

150201.01 DESCRIPTION.

The work covered under this item consists of furnishing all labor, material, equipment, and components to install a lighting system with interconnecting wiring from each side of the bridge and various power and control equipment and devices as indicated on the contract drawings and to the Engineer's satisfaction. In general, this work shall consist of, but not be limited to, the following items:

- A. Service lighting for the interior of the bridge, light fixtures, control switches, associated conduit/wiring and junction boxes, and all associated hardware.
- B. All requirements of Special Provisions section Bridge Electrical System apply to this section by reference, and shall be complied with for this item of work.

150201.02 MATERIALS.

- A. The fixtures shall be 120 volt AC, LED light source providing at least 1800 lumens, no more than approximately 30 watts, and shall be vapor-tight with joint gaskets to seal out dirt and moisture.
- B. The fixture body shall be of high strength, copper-free cast aluminum, with frosted glass globe, and cast aluminum globe guard.
- C. All necessary mounting brackets and stainless steel hardware shall also be provided.

150201.03 CONSTRUCTION.

- A. Mount according to Special Provisions for Bridge Electrical System.
- B. Electrical work shall be per Special Provisions for Bridge Electrical System.

- C. Confirm all fixtures are securely mounted, and free of any defects or damage. Repair/replace any damaged or defective fixtures.
- D. Confirm all fixtures function properly. Troubleshoot and repair or replace any fixtures not functioning properly.

150201.04 METHOD OF MEASUREMENT.

Lump sum. No method of measurement.

150201.05 BASIS OF PAYMENT.

Payment for the Arch Rib Service Lighting is full compensation for furnishing, installing, and testing the complete and fully functional arch rib service lighting.