



**SPECIAL PROVISIONS
FOR
TUNNEL LIGHTING**

**Black Hawk County
HSIPX-058-1(92)--3L-07**

**Effective Date
February 20, 2018**

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.

150XXX.01 DESCRIPTION.

Furnish all work, apparatus and materials required to construct, install and place in operation, to the Engineer's satisfaction, a complete and fully functional tunnel lighting system as shown on the contract documents and as described herein.

150XXX.02 MATERIALS.

- A. Install lighting materials that meet the requirements of Division 41 of the Standard Specifications.
- B. For granular base for handholes and preformed junction boxes, provide material meeting Gradation No. 3 or 5 of the Aggregate Gradation Table of the Standard Specifications.

150XXX.03 CONSTRUCTION.

- A. Furnish and install all components of the tunnel lighting system not provided by the electric utility company providing power to the installation, including all incidental items required for the full operation of the system.
- B. Ensure that all apparatus, materials, and work comply with the contract documents and with standards, practices, and codes of the electrical industry. Particular attention is directed to the following:
 - NEC, latest edition, including amendments.
 - IEEE Standards and Practices.
 - ANSI Standards and Practices.
 - NEMA Standards.
 - UL Standards.
- C. Ensure the complete tunnel lighting system installation complies with all local and special laws, codes, or ordinances of all Federal, State and municipal authorities with due jurisdiction.

- D. The Contracting Authority will be responsible for the cost of electric power used during installation and testing of the lighting equipment and prior to final acceptance of the work. Do not put the installation into use prior to the final acceptance without the Engineer's approval.
- E. Provide shop drawings in accordance with Article 2523.03, B of the Standard Specifications for underdeck luminaires with lamps and all control cabinet components.

150XXX.04 METHOD OF MEASUREMENT.

The Contractor will be paid the contract lump sum price for the Tunnel Lighting.

150XXX.05 BASIS OF PAYMENT

Tunnel Lighting includes all LED luminaires, conduit, cable, junction boxes, threaded rods, mounting plates (if required), mounting brackets and all hardware required for mounting the luminaires to the structure as detailed on the plans and as described in the Special Provisions, to provide a complete, fully operational system. All work will be considered to be included in the lump sum price for Tunnel Lighting.