

TECHNICAL SPECIFICATIONS  
FOR  
PAINTING OF BRIDGE DECK DRAINAGE SYSTEM

1. Description

The work addressed by this Specification pertains to the painting of the iron storm drain pipes and pipe support hardware that constitute the bridge deck drainage system. The work shall be considered to fall under the category of “Repainting Existing Steel Structures” as it pertains to Section 603 of the TDOTSS, January 1, 2021 and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract. This work shall consist of preparing the surface, furnishing and applying the paint, furnishing protection from paint spatter and disfigurement, and final clean up, all in conformity with TDOTSS Section 603 and all other TDOTSS referenced therein. The type, color, and number of coats of paint shall be as designated in TDOTSS Subsection 603.06. The schedule of painting shall be System “A”, or System “B”. The color shall be black.

2. Materials

The materials shall conform to Subsection 603.02 of the TDOTSS, January 1, 2021 and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract.

3. Equipment

All equipment for the satisfactory performance of this work shall be on hand and approved before work will be permitted to begin.

4. Construction Requirements

Construction requirements shall conform to Subsections 603.04 through 603.16 of TDOTSS, January 1, 2021 and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract.

5. Method of Measurement

Measurement will conform to Subsection 603.17 of the TDOTSS, January 1, 2021, and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract, with the following stipulations. Piping of the drainage system is a metallic material, though not necessarily steel. Painting of the drain pipes and drain support hardware shall be a separate pay item and shall be paid for on a lump sum basis. The entire bridge deck storm drainage system that is exposed beneath the bridge deck, including pipes, pipe supports, scuppers, hangers, and fasteners shall be considered as one unit. Containment and disposal of waste generated during the work covered under this Specification shall not be a separate pay item, but the work shall be performed and the cost thereof shall be included in the lump sum bid price bid for pay item “Painting of Bridge Deck Drainage System.”

6. Basis of Payment

Payment shall conform to Subsection 603.18 of the TDOTSS, January 1, 2021 and all Supplemental Specifications thereto pertaining issued prior to the advertisement for this contract with the following stipulations: the lump sum bid price for pay item “Painting of Bridge Deck Drainage System” shall include, but not be limited to, all costs associated with furnishing all labor, materials, and equipment to prepare surfaces to be painted, furnish and apply paint, furnish protection from paint spatter and disfigurement, and final clean up. Any fines incurred by the City of Knoxville as a result of the Contractor’s operation shall be deducted from the monies due the Contractor.