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# Special Specification 4161

## STENCILING PERMANENT STRUCTURE NUMBERS

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### 1. DESCRIPTION

This item will govern for the stenciling of permanent structure numbers on bridge structures in accordance with this specification, project plans, or as directed.

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### 2. MATERIALS

Furnish materials that conform to the pertinent requirement of the following items:

- a) Stencil Ink, Black 11 ounces, Spray Can (Lead, CFC, and CFHC Free). Black Spray will be waterproof, weather resistance and dry instantly on all surfaces, without smearing, smudging or rippling.
- b) Brass Stencil, 3 inch, Numbers and Letters, Adjustable Interlocking Stencil, Set Content 92 Piece Numbers and Letters, Legend Height 3 in., Symbol Height 3 in. Stencils must be Industrial Grade and interlocking.

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### 3. WORK METHODS

Clean the surface thoroughly before applying the painted structure number including removal of existing structure number by chemical cleaning, if required, and by blast cleaning according to Item 427.

Install the painted structure number that meets the requirements of the BRIDGE NBI NUMBER STENCIL standard shown in the plans, manufacture recommendations, and as directed by the Engineer. Painted Structure number must be 3in. minimum, and will be sprayed on in Black ink. Stencil Number will be applied to each structure on two locations as shown on plans, or as directed. For bridges in a two way condition, structure must be painted on each outside beam on the upstream side of traffic. For a one way condition, structure must be painted on each side, opposite corners on each outside beam. For culverts less than 5 ft. in height, the structure number will be stenciled on the headwall on upstream and downstream location. For culvert greater than 5 ft., stencil inside the 1<sup>st</sup> barrel on the upstream side of traffic and the opposite corner inside last barrel, in direction of traffic.

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### 4. MEASUREMENT

This Item will be measured by each structure stenciled.

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### 5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Stenciling Structure Numbers." This price must be full compensation for furnishing all materials; cleaning and preparing surfaces; application of materials; and equipment, labor, tools and incidentals.