

**BRIDGE NAME PLATES  
TYPE C & D**

ProductManufacturer

Type C &amp; D Bronze

American Bronze Craft, Inc.  
P. O. Box 356  
Judsonia, AR. 72801

Type C &amp; D Bronze

Matthews International Corp.  
Memorial Division  
501 Lincoln St.  
Searcy, AR. 72143

**Method of Documentation of Acceptance:**

Cast Aluminum Plates: By brand and manufacturer. Aluminum plates shall comply with the requirements of ASTM B 26, Alloy SG-70A, Condition T6.

**(Cast Aluminum Name Plates are not allowed on jobs let under *Standard Specifications for HIGHWAY CONSTRUCTION, Edition of 2003.*)**

Bronze Plates: By brand and manufacturer.

**Method of Approval for Materials to be added to this Qualified Products List:**

Detailed design drawings must be submitted for approval. The manufacturer will provide the Materials Division with notarized test reports from a recognized laboratory listing actual results from testing production samples of the material. Accompanying this report will be a statement from the manufacturer indicating compliance with AHTD Standard Specification Section 812.02. The material for bronze plates shall comply with the following chemical requirements.

<i>Copper</i>	<i>80.0 to 89.0%</i>
<i>Tin</i>	<i>3.0 to 15.0</i>
<i>Lead</i>	<i>0 to 3.0</i>
<i>Iron</i>	<i>0 to 0.25%</i>
<i>Nickel</i>	<i>0 to 1.0%</i>
<i>Sulfur</i>	<i>0 to 0.05%</i>
<i>Zinc</i>	<i>0 to 5.0%</i>
<i>Phosphorus</i>	<i>0 to 1.0%</i>
<i>Antimony</i>	<i>0 to 0.75%</i>

Bronze plates shall have a statuary finish. Random samples may be taken by the Department for evaluation. Material failure in the laboratory or poor field performance may be considered sufficient reason to discontinue acceptance of material from the manufacturer, determination of which shall be by the Materials Engineer.