

Bridge Name Plates

Supplier	Brand
American Bronze Craft, Inc. Judsonia, AR	Type C & D Bronze
Degginger Foundry Topeka, KS	Type C & D Bronze
Matthews International Corp.- Memorial Division Pittsburg, PA	Type C & D Bronze

Method of Documentation of Acceptance:

By brand and source.

Method of Approval:

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 Section 812 of the ARDOT Standard Specifications for Highway Construction.

The material for bronze plates shall comply with the following chemical requirements:

Copper	80.0% to 89.0%
Tin	3.0% to 15.0%
Lead	0.0% to 3.0%
Iron	0.0% to 0.25%
Nickel	0.0% to 1.0%
Sulfur	0.0% to 0.05%
Zinc	0.0% to 5.0%

Bridge Name Plates

Phosphorus	0.0%	to	1.0%
Antimony	0.0%	to	0.75%

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.

No information contained in these lists is to be used for promotional purposes.

The manufacturer of privately labeled products must be disclosed.