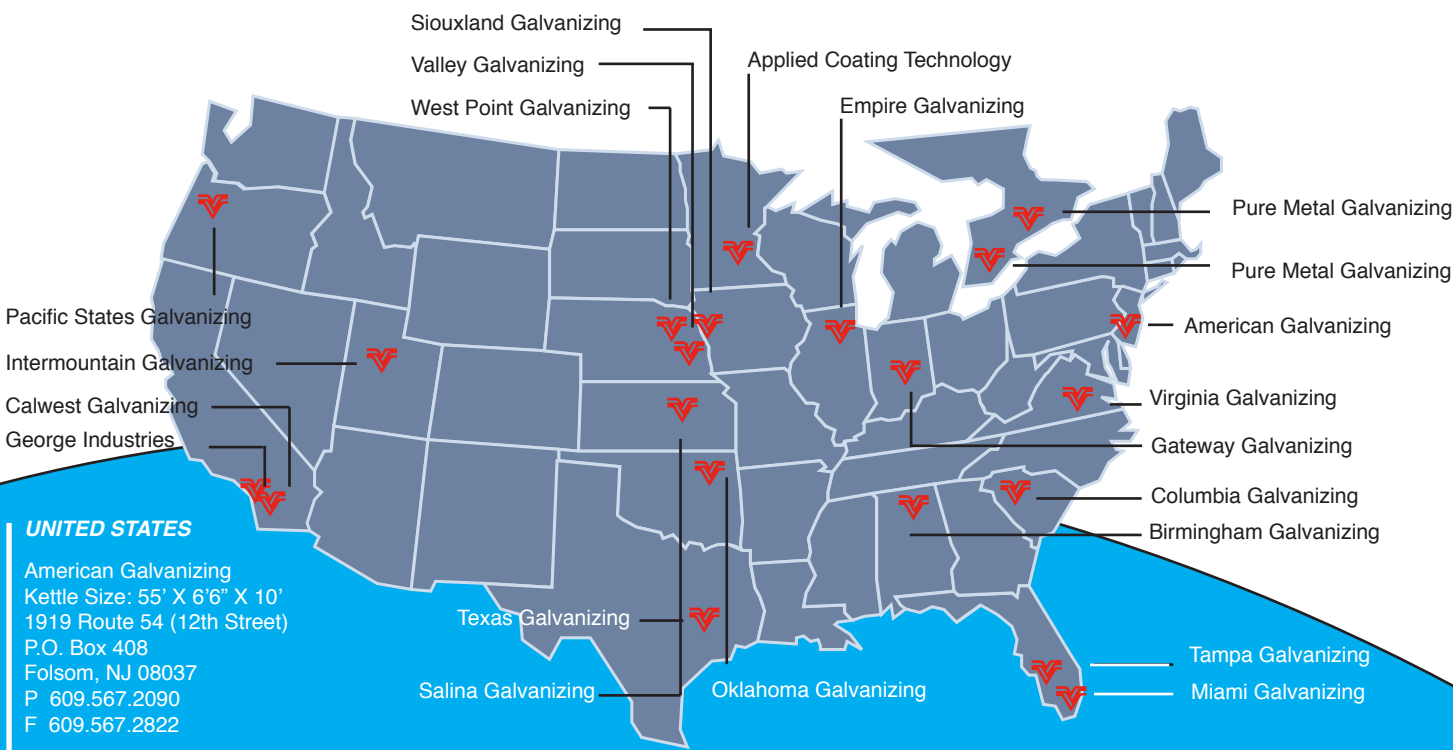


VALMONT COATINGS LOCATIONS MAP



UNITED STATES

American Galvanizing  
Kettle Size: 55' X 6'6" X 10'  
1919 Route 54 (12th Street)  
P.O. Box 408  
Folsom, NJ 08037  
P 609.567.2090  
F 609.567.2822

Applied Coating Technology  
Powder Coating, e-Coating  
2411 Pilot Knob Road  
Mendota Heights, MN 55120  
p 1.651.454.7777  
f 1.651.454.0043

Birmingham Galvanizing  
Kettle Sizes: 58' x 7'2" x 9' &  
20' x 4'1" x 5'3"  
475 Dietrich Rd  
Steele, AL 35987  
p 1.205.594.5555  
f 1.205.594.3500

Calwest Galvanizing  
Kettle Size: 60' x 6' x 10'  
2226 East Dominguez Street  
Long Beach, CA 90810  
p 1.310.549.2200  
f 1.310.513.6741

Columbia Galvanizing  
Kettle Size: 35' x 6' x 9'  
1445 Old Dunbar Rd  
West Columbia, SC 29172  
p 1.803.755.2550  
f 1.803.755.3155

Empire Galvanizing  
Kettle Size: 52' x 4'8" x 6'  
10909 Franklin Avenue  
Franklin Park, IL 60131-1472  
p 1.847.455.0884  
f 1.847.455.0889  
p 1.773.625.0354  
(Chicago Direct Line)

Gateway Galvanizing  
Kettle Size: 44' x 6'6" x 7'6"  
1117 Brown Forman Road  
Jeffersonville, IN 47130  
p 1.812.284.5241  
f 1.812.284.5257

George Industries  
Anodizing, Powder Coating  
4116 Whiteside Street  
Los Angeles, CA 90063  
p 1.323.264.6660  
f 1.323.263.9342

Intermountain Galvanizing  
Kettle Size: 46' x 6' x 6'  
1085 West 400 North  
Lindon, UT 84042  
p 1.801.785.7200  
f 1.801.785.7009

Miami Galvanizing  
Kettle Size: 35' x 6' x 9'  
3350 NW 119th St  
Miami, FL 33167  
p 1.305.681.8844  
f 1.305.681.1861

Oklahoma Galvanizing  
Kettle Sizes: 60' x 6' x 7'6" &  
58' x 7'6" x 10'  
25055 Alliance Drive  
Claremore, OK 74017  
p 1.918.266.2800  
f 1.918.266.0614

Pacific States Galvanizing  
Kettle Size: 44' x 5'3" x 8'9"  
9700 Southwest Herman Road  
Tualatin, OR 97062  
p 1.503.692.8888  
f 1.503.612.0592

Salina Galvanizing  
Kettle Size: 55' x 10'6" x 12'  
1100 North Ohio Street  
Salina, KS 67401  
p 1.785.452.9630  
f 1.785.452.9789

Siouxland Galvanizing  
Kettle Size: 31' x 6' x 5'  
2301 Bridgeport Drive  
Sioux City, IA 51111  
p 1.712.252.4101  
f 1.712.252.2792

Tampa Galvanizing  
Kettle Size: 42' x 6' x 9'  
9520 E Broadway Ave  
Tampa, FL 33619  
p 1.813.621.8990  
f 1.813.622.8950

Texas Galvanizing  
Kettle: 54' x 8'3" x 10'6"  
2569 Valmont Drive  
Brenham, TX 77833  
p 979.277.3359  
f 979.836.4415

Valley Galvanizing  
Kettle Size: 58' x 7'2" x 8'6"  
7002 North 288th Street  
Valley, NE 68064  
p 1.402.359.2201  
f 1.402.359.5907

Virginia Galvanizing  
Kettle Size: 50' x 6' x 9'  
3535 Halifax Rd  
Petersburg, VA 23805  
p 1.804.733.0808  
f 1.804.733.2274

West Point Galvanizing  
Kettle Size: 30'x 8'6" x 10'  
1700 South Beemer Street  
West Point, NE 68788  
p 1.402.372.3706  
f 1.402.372.6908

CANADA

Pure Metal Galvanizing  
Kettle Size: 45' x 6'6" x 9'9"  
30' x 4'4" x 6'  
16' x 4' x 5'  
32 Bodine Drive  
Brantford, ON N3R 7M4  
p 519.758.5505  
tf 1.866.758.5505  
f 519.758.0151

Pure Metal Galvanizing  
Kettle Size: 52' x 4'4" x 6'  
and 20' x 5' x 7' deep  
7470 Bren Rd  
Mississauga, ON L4T 1H4  
p 905.677.7491  
tf 1.866.677.7491  
f 905.677.8941

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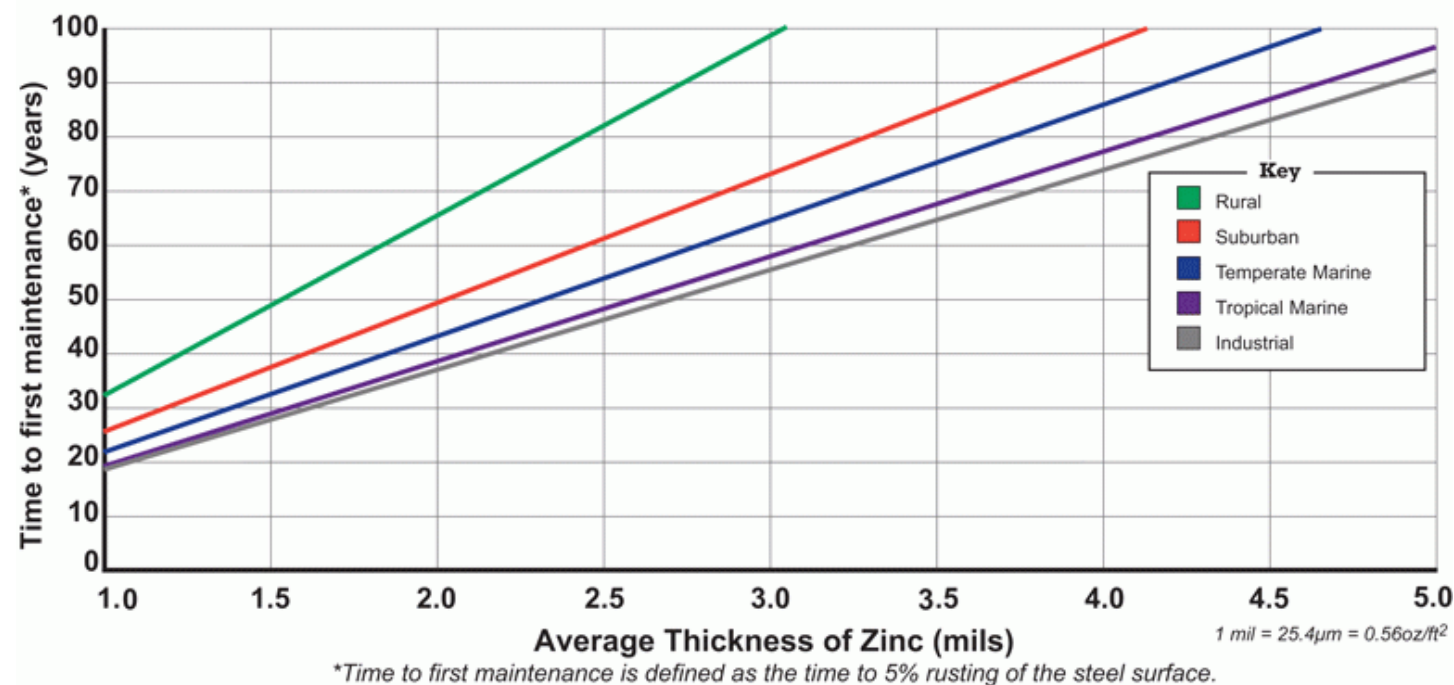
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100-Year Bridges:  
Design Practices and Performance  
Benefits of Hot-Dip Galvanized Steel



Sullivan County Bridge, Fallsburg, NY  
Valmont American Galvanizing





## Valmont Coatings has the Largest Galvanizing Capacity in North America

*"If you can design it, Valmont Coatings can Galvanize It!"*

- Length in excess of 94 feet
- Lifting Capacity of 100 Tons

## Case Studies find Steel Bridges Saves 25% Over Concrete Precast Bridges

- Steel bridges do not require the heavier equipment that's needed for heavier concrete bridge girders.
- Galvanized steel I-beam bridges have the lowest initial cost and life cycle cost compared to concrete bridges.
- Galvanized steel bridges offer accelerated fabrication, 40% LESS construction time, reducing expensive down time for residents and business.
- Little to no maintenance cost for the first 50 years with regard to the Hot-Dip Galvanized Superstructure.



### eSPAN140

Complimentary Web-Based Design Tool provides customized steel solutions for bridges up to 140 feet.

[www.eSpan140.com](http://www.eSpan140.com)



**Duplex System** is formed by painting or powder-coating over hot-dip galvanized steel. This process not only enhances the aesthetic value of the bridge, but also increases the corrosion protection by 1.5-2.3 times the sum of the expected life of each system.



## Case Study: Sterns Bayou Bridge

Ottawa County, MI United States

This is believed to be the first fully galvanized bridge in the United States. Galvanized and installed in 1966, this county bridge measures 420 ft. (128 m) long with a 30-foot clear roadway and a five-foot walkway along each side. All the steel was galvanized including the handrail, diaphragms, fasteners, shear connectors, and beams - some with 30-inch wide flanges, weighing between 99 and 108 pounds per foot. All steel used to erect the Stearns Bayou Bridge has no signs of rusting or staining, and is in excellent shape. The average mil thickness is 4.7 (160µm). Projected life expectancy to first maintenance is 106 years for the principal steel and 44 years for the handrail.



### Details:

**Year Galvanized**  
**Sectors**  
**Location**  
**Environment**

**1966**  
**Bridge & Highway**  
**Ottawa County, MI United States**  
**Rural**

*The majority of the steelwork is six feet above a fresh water river in a rural location. Traffic is light to moderate. The entire bridge is subject to winter salting.*



At the 2016 inspection, all beams and diaphragms were in very good shape and showed no signs of rusting or staining. The average mil thickness was 4.7. All bolted connections looked good and showed no signs of rust. Bearing pads and expansion areas subject to salt and standing water had an average coating of 2.9 mils.

***Projected life expectancy was 106 years for the principal steel.***