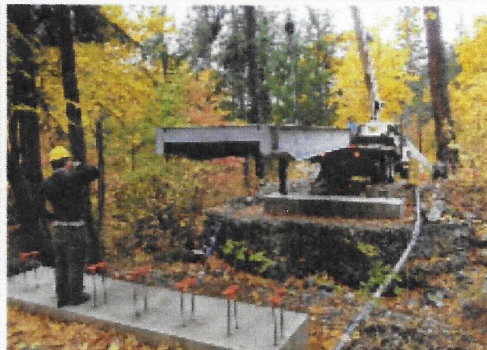
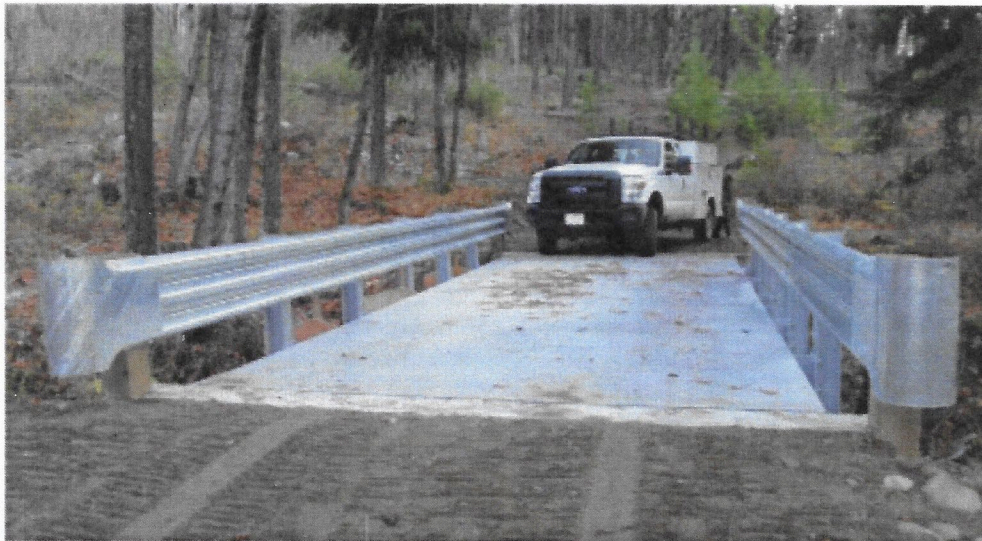


PURPLE CREEK BRIDGE REVITALIZED WITH GALVANIZING



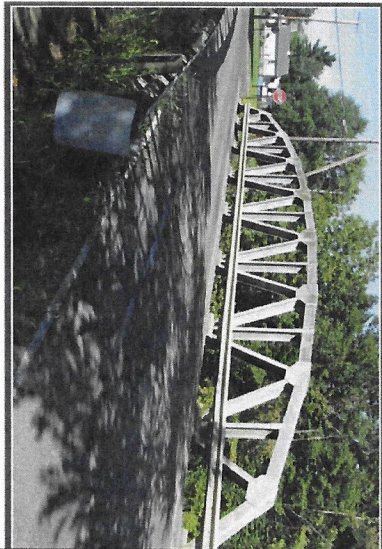
The scenic unincorporated community of Stehekin, Wash., in Chelan County is nestled just south of the North Cascades National Park. Inland, remote and landlocked, it is reachable only by ferry boat, floatplane or hiking, and has become a favorite destination for adventurous campers, fishers and hunters.

When the timber Purple Creek Bridge became unsuitable for light vehicles and pedestrians to traverse, the National Park Service (NPS) put out a competitive best value procurement specification of a modular steel bridge. Due to the limits of local equipment, the HS-20 specified bridge could be no heavier than 10,000 lb per piece. Acrow Bridge was able to design a custom solution and

go above the requirements of weathering steel, providing a galvanized 30-ft x 12-ft roadway-width bridge system. The NPS installed the bridge with its own crews and formed abutments on top of the existing gabion baskets.

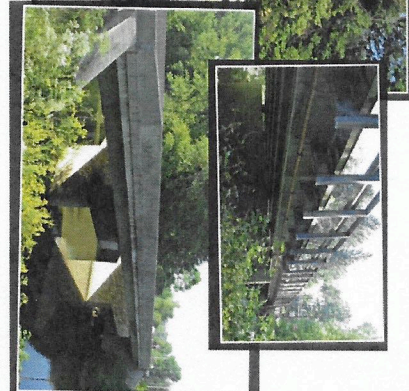
Unique to this bridge was that Acrow and AZZ partnered to provide an innovative anti-skid spray metalized surface. SafTrax TH-604 has an extremely high frictional coefficient of 1.1, and Purple Creek Bridge is one of the first applications of this technology on a bridge superstructure. The combinations of high skid resistance, low profile and light weight make this an ideal fit for the pedestrians and light utility vehicles that use the bridge.

GALVANIZED IN THE 1970s, THE BRIDGES OF STARK COUNTY CONTINUE TO STAY CORROSION-FREE



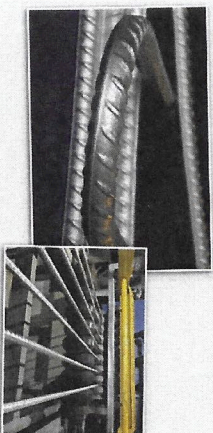
The bridges of Stark County, Ohio, have been steadily improving since the early 1970s, when 110 of the county's bridges were considered deficient and 50% of its bridges were scheduled for rebuilding or repairs. The Stark County Bridge Alliance, a non-profit organization, has been instrumental in the process. The bridges are now in good condition and continue to serve the community well.

In addition to rebuilding and galvanizing the Stark County bridges, Labcoco utilized its technology to solve corrosion issues with the county's existing bridges. The bridges were installed in the 1970s and 80s. After nearly 30 years, many pieces of painted guardrails on the bridges were peeling and flaking. By the time of Labcoco's involvement in 1998, all the 110 formerly deficient county bridges were repaired and more remained deficient.



GALVABART™ AT A GLANCE

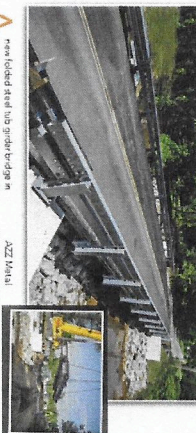
From AZZ Galvanizing, Galvabar is a revolutionary product that provides a long-lasting, corrosion-resistant surface. It is commonly used in industrial and commercial applications, such as bridges, buildings, and infrastructure. Galvabar is made of galvanized steel and is known for its durability and strength.



Features and Benefits:

- Durability and Formability**
Can be bent after galvanizing without cracking, peeling or flaking.
- Corrosion Protection**
Zinc alloy layer increases corrosion protection 1.7 times more than the traditional zinc alloy.
- Bond Strength**
Metalized bond between zinc alloy and steel plus the same bond strength to concrete or better than black bar.
- Quality**
ASTM A1064/1064M standard specification for continuous hot-dip galvanized steel. Best for concrete reinforcement.
- Cost**
Competitive with ECR and has superior, high-strength and stainless finish, as well as lowest total cost of ownership over the life of a structure.

MUSKINGUM COUNTY BRIDGE IN OHIO ACHIEVES FULLY METALIZED DESIGN WITH ACCELERATED CONSTRUCTION



A new bridge in Muskingum County, Ohio, is set to be completed in 2017. The bridge is a fully metalized design, which means it is made of galvanized steel. This design allows for faster construction and longer-lasting durability. The bridge is expected to serve the community well for many years to come.

Galvabar
Forms like black bar. Performs like no other.

Standard Black Bar
Forms like black bar. Performs like no other.

Galvabar
Forms like black bar. Performs like no other.

AZZ METAL COATINGS
2018
BRIDGE INVENTORY MAP

Your pull-out guide to America's bridges

BONUS WALL MAP INSIDE!

PURPLE CREEK BRIDGE REVITALIZED WITH GALVANIZING

The Purple Creek Bridge in Stark County, Ohio, has been revitalized with galvanizing. This process provides a long-lasting, corrosion-resistant surface that will protect the bridge for many years to come.

AZZ Galvanizing now offers GalvXtra® in rustic brown.

Visit www.azzgalvanizing.com or call 1-800-725-2323 to learn more.

ROADS & BRIDGES

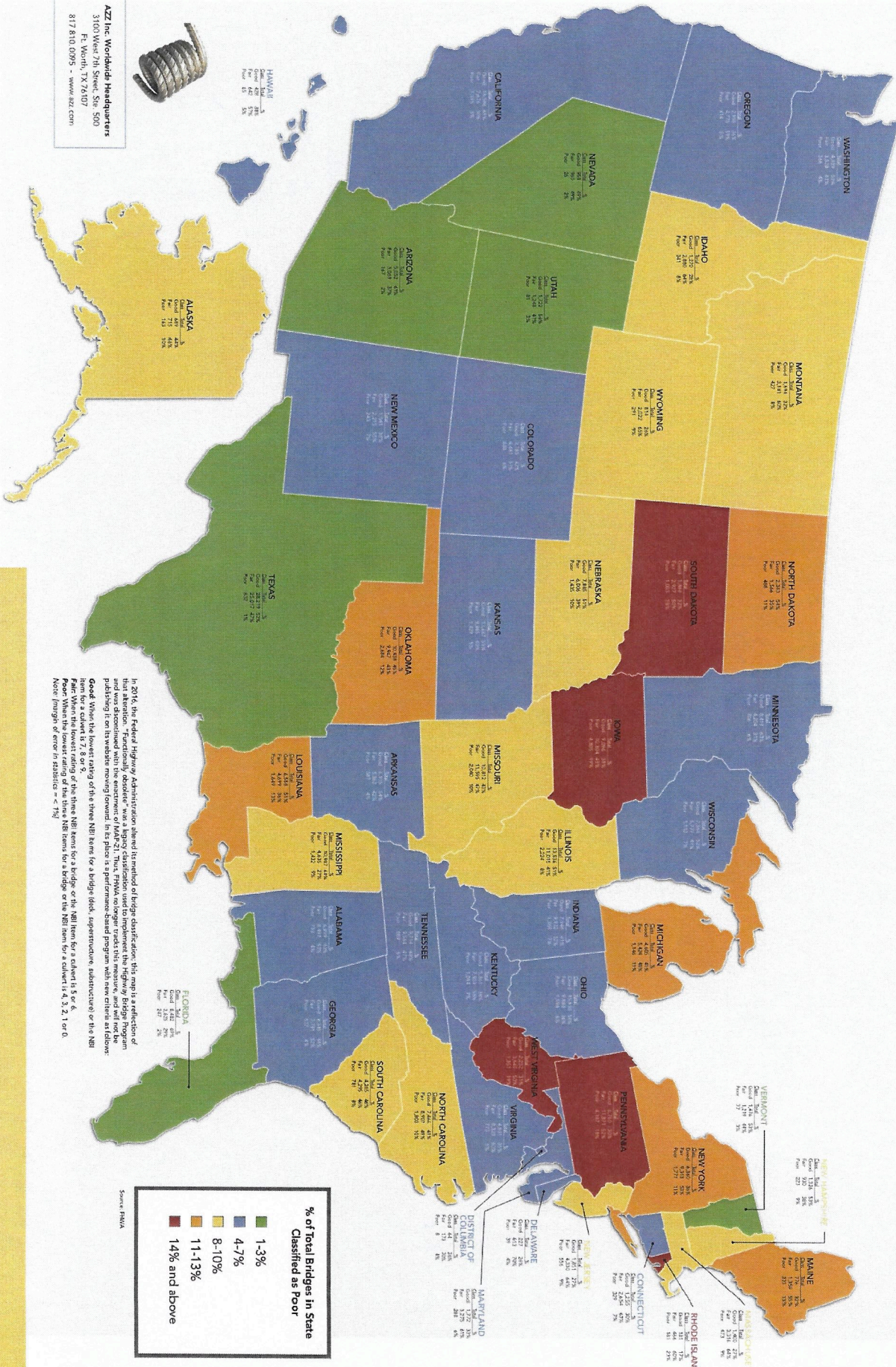
2018 BRIDGE INVENTORY

A State-by-State Look at Current National Bridge Conditions



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In 2016, the Federal Highway Administration altered its method of bridge classification. This map is a reflection of the new methodology. The previous methodology was based on the condition of the bridge deck, superstructure, and substructure. The new methodology is based on the condition of the bridge deck, superstructure, and substructure, and was discontinued with the enactment of MAP-21. Thus, FHWA no longer tracks this measure, and will not be publishing it on its website moving forward. It is placed here as a performance-based program with new criteria as follows:

Good: When the lowest rating of the three NBI items for a bridge (deck, superstructure, substructure) or the NBI item for a culvert is 7, 8 or 9.

Fair: When the lowest rating of the three NBI items for a bridge or the NBI item for a culvert is 5 or 6.

Poor: When the lowest rating of the three NBI items for a bridge or the NBI item for a culvert is 4, 3, 2, 1 or 0.

Note: Margin of error in statistics is ± 1%.

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