

**NORTH LION  
BRIDGE**

**PROJECT  
ESSENTIALS**

**Location:**  
Milwaukee

**Submitting company:**  
Mead and Hunt Inc., Madison

**General Contractor:**  
Vista Design & Construction LLC,  
Milwaukee

**Engineer:**  
Mead and Hunt Inc.

**Owners:**  
Milwaukee County Department of Parks,  
Recreation and Culture; Milwaukee  
County Department of Transportation  
and Public Works

**Project size:**  
100 feet long

**Project cost:**  
\$1.3 million

**Start date:**  
February 2009

**Completion date:**  
October 2009

# Saving a landmark

## HISTORIC BRIDGE IS PART OF BELOVED LAKE PARK

**D**esigned by renowned landscape architect Frederick Law Olmsted, the mastermind behind New York City's Central Park, Milwaukee's spectacular Lake Park has been a source of city pride since 1894.

"The people who live in the area really love their park," said project manager Julie Hoppe of Mead and Hunt Inc., Madison.

Two of the park's most recognizable features are its Lion Bridges, which span two ravines near a lighthouse that overlooks Lake Michigan. The bridges and their ornately chiseled lion sculptures at each

end are enduring symbols of the celebrated city landmark.

But years of wear and tear had deteriorated the steel and limestone structures, requiring rehabilitation of both the North and South Lion Bridge.



PHOTOS BY JULIE HOPPE OF MEAD AND HUNT INC.



Mead and Hunt, a structural engineering firm specializing in historical preservation, was commissioned to restore the 100-foot long pedestrian bridges, starting with the North Lion Bridge. Work on the South Lion Bridge will commence this year.

Throughout construction on the bridge, a bevy of concerned parties, including community special-interest groups, collaborated with the builders, the city, county and state to show their deep appreciation for the history and beauty of Lake Park.

Groups such as the Lake Park Friends and North Point Lighthouse Friends contributed money to further grant money from the Wisconsin Department of Natural Resources and the Milwaukee County Parks Department.

"(Many people) were very interested in doing what they could to see the improvements made and they helped ▶



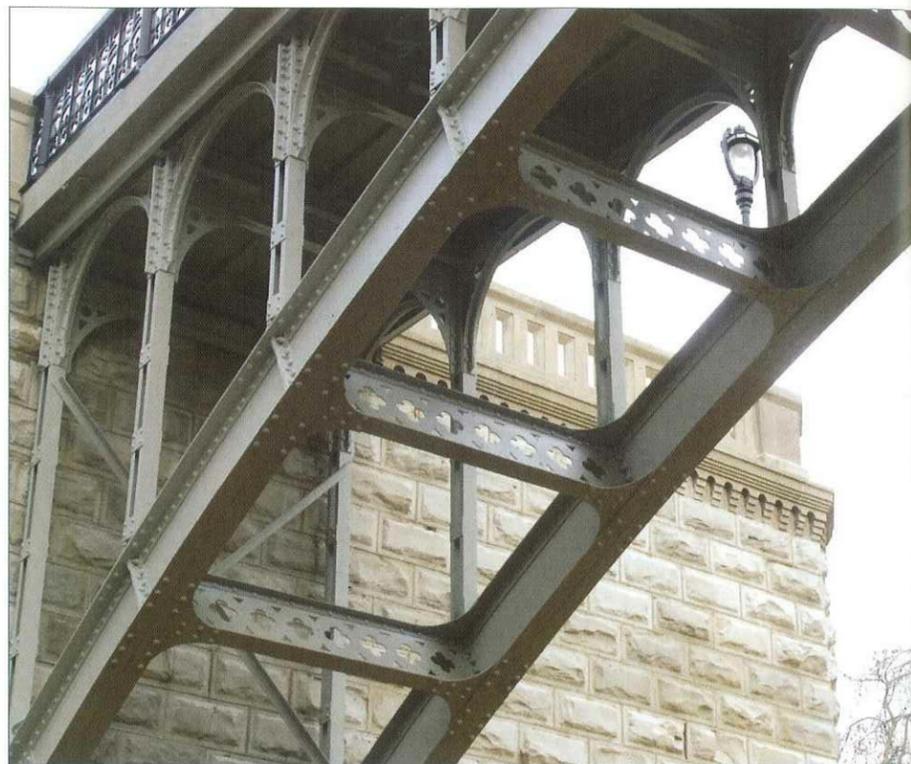
## NORTH LION BRIDGE

keep the focus on doing it in a historically respectful manner," Hoppe said. "Members of both community groups took part in many of our meetings and helped re-create what Olmsted had envisioned back in the late 1800s."

To maintain historical accuracy — mandated in part by the requirements of the National Historic Preservation Act — Mead and Hunt used the original invoices to find the most similar quarry for replacement limestone in the bridge abutments, Hoppe said. A county parks department botanist was employed to oversee tree removal that helped re-create the views and vistas from Olmsted's design.

"I've been in this business 20 years," Hoppe said, "and all I can say is that it's a really cool bridge."

— Linc Wonham



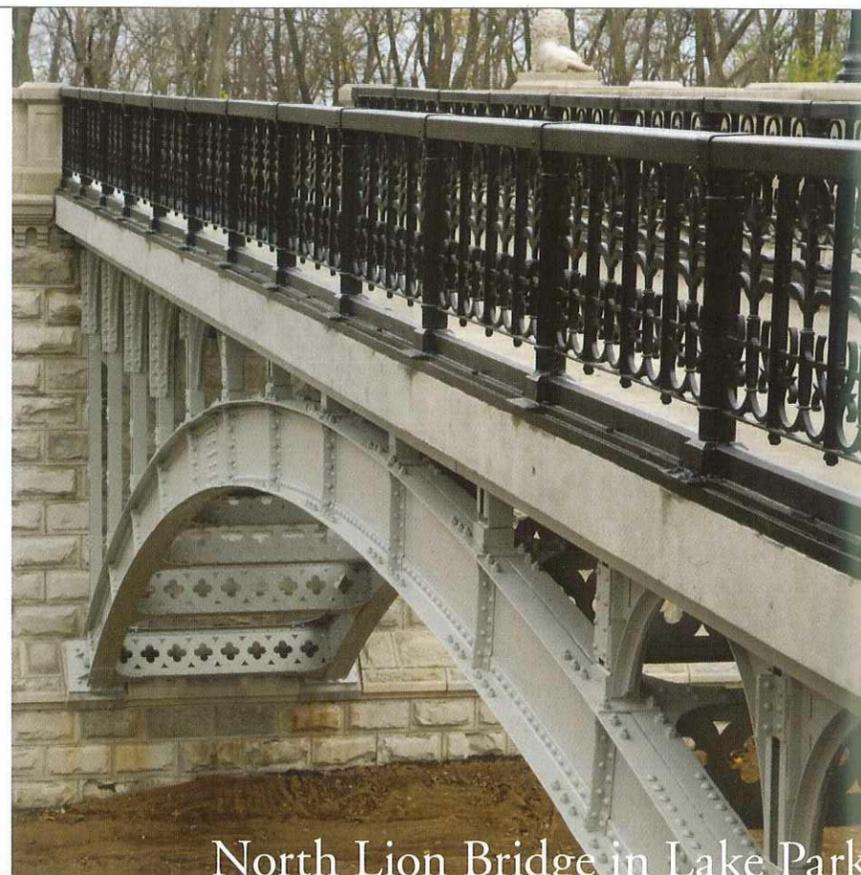
## Long live the past

The historic Lion Bridge in Milwaukee received new life from the Mead & Hunt team. Appearance improved, structure secure, and service life extended.

Enjoy this storied architectural asset! And congratulations team, on your award-winning collaboration. ■

**MEAD  
& HUNT**

888-273-8555 meadhunt.com



North Lion Bridge in Lake Park

**AMERICAN  
LANDSCAPE**

## American Landscape: Growing success since 1973

**W**hether it's the snow falling or the plants growing, customers throughout Wisconsin rely on Associated American Landscape Services Inc., Menomonee Falls, to provide the best in design, building, managing and maintaining their landscapes.

Since 1973, American Landscape has provided the best landscaping solutions for projects throughout the state. With a full range of services and expertise, American Landscape serves the residential and commercial landscape markets.

"Our clients come first," said Pat Maloney, ASLA, GRP, landscape designer and horticulturist. "Our employees are treated the same. We are very loyal to our employees. I enjoy coming to work every day."

The company's five divisions are led by highly trained professionals including nationally certified arborists, American Society of Landscape Architects landscape designers and accredited green roof professionals.

### Focusing on green

"We're really leading the charge into sustainable landscaping," Maloney said. "Our landscape construction department has taken strides to grow methodically and intelligently."

Maloney, one of three accredited green roof professionals in the Milwaukee area, said green roofs are a growing trend for several reasons, including conservation, Leadership in Energy and Environmental Design certification and aesthetics.

"Green roofs are literally taking a black rubber roof and putting plant material on it," Maloney said.

There are three types of green roofs, Maloney explained, extensive, semi-intensive and intensive.

Extensive green roofs use plantings of sedum or similar drought-tolerant plants. The result is more insulation to conserve heating and cooling energy and an increased means of water retention.

Semi-intensive roofs are popular for urban farming, Maloney said. Intensive roofs are designed primarily for aesthetics and are popular in urban settings.

The points awarded for green roofs in the LEED process are significant, he said, but green roofs are just one way landscaping has a positive effect on LEED. Another important aspect is the use of permeable paving.

"We get our materials locally and use recycled materials in landscaping design," Maloney said.

### Year-round maintenance

A large part of American Landscape's business is maintenance and lawn care. Horticulturists and arborists work to take care of flowers, planting beds, shrubbery, trees and even holiday decorating.

Despite its many landscaping services, the largest section of the company is snow removal. Employees who work in the other divisions in the summer become snow removal experts in the winter.

"We have our own weather station at the office, monitoring 24/7," Maloney said. "We have a stellar reputation for snow removal. We have more salt on our property than many municipalities."



The green roof at Educators Credit Union in Milwaukee is an example of Menomonee Falls-based Associated American Landscape Services Inc.'s work.

Every day, even on holidays, American Landscape makes sure its clients' parking lots and properties are clear of snow.

And no matter the season, American Landscape employees are uniformed and professional. The company's big red trucks are recognizable throughout the community.

### Community and customer partnerships

American Landscape also works to support its community in many ways.

On Arbor Day, the company donates and plants trees. Employees have helped to restore baseball fields in Menomonee Falls and sponsor local teams.

The company is active in various associations, local chambers and has a great rating with the Better Business Bureau, Maloney said.

Many customer relationships begin with American Landscape providing lawn maintenance and expand into the company providing landscaping, retention walls, tree replacement or snow removal.

"People become our customers and then we're their go-to guys for everything that happens outside their buildings," Maloney said. "We're a one-stop shop. We're set up so that when a customer calls and asks if we can do something — we can."

Find out more about American Landscape at its Web site, [amerlandscape.com](http://amerlandscape.com), or call 262-252-4260.