

## CASE STUDY



### PROJECT DETAILS

**Project Name:**

I-43 NB and  
Hampton Ave

**Location:**

Milwaukee, WI

**Owner:**

Wisconsin Department  
of Transportation

**Erector:**

Walbec Group

**General Contractor:**

Zenith Tech

**Products Used:**

Prestressed Bridge  
Girders

## County Materials' Enhanced Production Capacity and Skilled Delivery Team Overcome Challenges of Bridge Replacement Project

**Solutions:** Prestressed bridge girders meet tight deadline for replacement of I-43 northbound bridge over Milwaukee River

When the Wisconsin Department of Transportation decided to replace the northbound I-43 bridge over the Milwaukee River, they needed partners who could supply high-performance materials and meet a tight delivery deadline. Keeping traffic flowing smoothly over I-43 was a high priority, and working in and over a major river added to the project's complexity.

Project leaders specified County Materials' Prestressed Bridge Girders for the project. Utilizing our enhanced production capacity at our Roberts, Wisconsin facility, we manufactured 41 girders to the project's exact specifications in time to meet the project's deadline.

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County Materials' experienced dispatchers and truck drivers overcame several challenges while delivering. To reach the project, the drivers had to drive 275 miles from the production facility in Roberts, Wisconsin. Because of the long drive, deliveries had to be carefully scheduled over several days to ensure timely delivery.

When they arrived at the site, drivers had to drive off-road on a ramp the contractor constructed to access the river, where the girders were safely unloaded using tow cranes.

Prestressed bridge girders are a resilient, high-performance material. Supporting high load capacities, prestressed bridge girders are ideal for highway bridges with high traffic. Arriving on site ready-to-install, they can accelerate project timelines. With unmatched inherent durability, County Materials' girders naturally resist the effects of weather and can last up to 100 years with minimal maintenance.



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Customer Service • ph: (800) 242-7733 • [info@countymaterials.com](mailto:info@countymaterials.com)