

## CASE STUDY



### PROJECT DETAILS

**Project Name:**  
Third Street Bridge

**Location:**  
Hobart, Indiana

**Engineer:**  
Text HereButler, Fairman  
& Seufert

**General Contractor:**  
ICC

**Architect:**  
Pretek Group

**Product Manufacturer:**  
County Materials  
Corporation

**Key Products:**  
ArchCast® Precast  
Bridge Systems

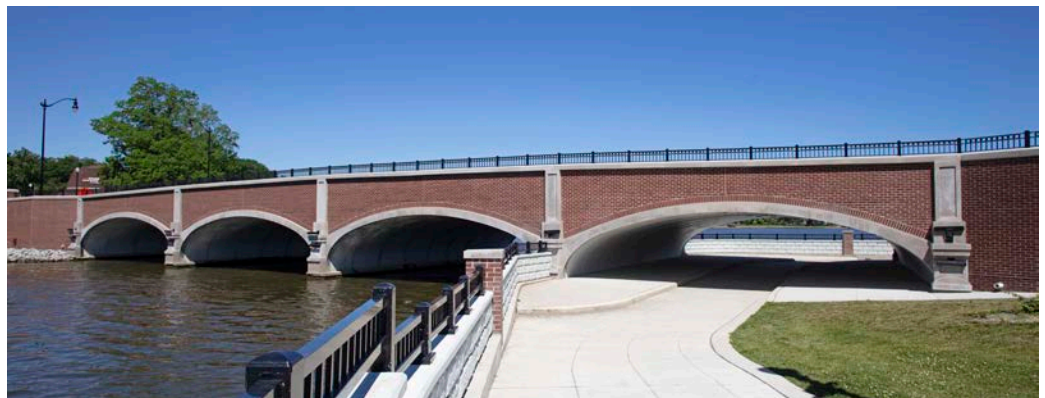
## ArchCast® Precast Bridge System Resolves Flooding and Improves Boating Access for Lakeshore Community

**Solutions:** Showcase bridge built with precast concrete arches mitigates flooding and erosion, improves boating access

The picturesque lakeshore community of Hobart, Indiana, dealt with erosion and frequent flooding over a main downtown street because of a low bridge crossing Lake George.

Community leaders looked for a bridge solution that would solve these problems and provide higher clearance for boaters, but the nature of the site demanded a solution that would keep the road's elevation the same.

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ArchCast Precast Bridge System components manufactured by County Materials are an ideal solution for the project for their aesthetically pleasing design, unmatched durability, and high clearance.

Precast bridge systems are a cost-effective bridge solution. Each component is manufactured to project specifications and can be modified to fit any aesthetic or design elements. For the Third Street Bridge, County Materials incorporated many custom design elements into the casting process to accommodate decorative elements, such as a hand-laid brick facade and underside LED lighting.

The new four-span bridge provides an additional five feet of clearance in comparison to the previous bridge without raising the road elevation. The bridge is now better equipped to handle water level fluctuations and improved boaters' access to the rest of the lake.

County Materials engineered and manufactured nine individual 36-foot-by-9-foot arch sections and additional wing walls and head walls and coordinated delivery to help the project finish on schedule. Project leaders and community members celebrated the new bridge as a key contributor to the city's revitalization.



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