

Maroon Creek Bridge

Aspen, CO

Project Description

The original Maroon Creek Bridge was erected in 1881 to carry freight trains to the booming silver mining industry in the mountains surrounding Aspen, Colorado. Widened to carry modern day vehicular traffic, the structure was one of the oldest and most outdated bridges still in service in the country. The new Maroon Creek Bridge is a signature bridge that gracefully complements the surrounding environment and the historic structure standing nearby. Built with a 270' main span in the cast-in-place balanced-cantilever method, the construction of this bridge protected the sensitive wetland and blue-ribbon trout stream below.

Owner

Colorado Department of Transportation

Contractor

BTE / Atkinson JV

Designer

Parsons

Our Role

McNary Bergeron & Associates provided construction engineering services including innovative falsework design, construction analysis, integrated segment shop drawings, geometry control, and field consulting services.

Total Contract Value

\$14.5 million

Timeline

2008-2011

Construction Method and Specifications

This project included a single cell concrete box with 73' wide drive deck, cast-in-place segmental, balanced-cantilever construction with form travelers, post-tensioned deck longitudinally and transversely and a main span of 270', carrying traffic 120' above Maroon Creek.

