



Bullitt County Stream Crossing Bullitt County, Kentucky

Project Team Members

- Owner: Kentucky Transportation Cabinet, District 5
- Engineer: Kentucky Transportation Cabinet, District 5
- Contractor: Garrison Construction

Project Description

The Kentucky Transportation Cabinet saw the benefits of utilizing an Aluminum Box Culvert based on the aluminum invert and its ability to provide a single span opening to pass debris. Because the Aluminum Box Culvert could be put together in a nearby field, then lifted by a track hoe and set into place, road closure time was held to a minimum of just three days. Use of an aluminum headwall and wingwalls also contributed to the ease of installation. The structure was designed to support HS-25 live load with 1.4' to 4' of cover.

Technical Description

- Span: 17 ft - 9 in
- Rise: 3 ft - 10 in
- Width: 22 ft - 9 in
- Product: Aluminum Box Culvert
- Installation Date: August 2006