

Evaluation of a Bridge Constructed Using Accelerated Construction Practices

Description

Meta Fields

Category : Completed Projects

Group : Standards

Subject : In-service Testing Pile Pockets, Deck Panels,

Abstract :

With the assistance of the Iowa DOT and Iowa State University Bridge Engineering Center, Boone County, Iowa will construct a multispan bridge using rapid construction techniques. This bridge will replace an existing Marsh Arch bridge located on 120th St. over Squaw Creek in Boone County. Field monitoring will be performed on the subject bridge to help in assessing the behavior of the individual elements during construction, the long-term performance of the individual components, and long-term performance and overall behavior of the completed bridge.

Key Words :

Acceleration (Mechanics); Behavior; Bridge engineering; Bridges; Construction; Long span bridges; Performance tests; Research projects

Budget : 0.00

Primary Sponsor Contact Info : Boone County, IA USA

Other Documents 0 Other Documents File : 2464

Project Starting Year : 2006

Project Completion Year : 2008