



Carroll County Bridge #132 "Carrollton Bridge"

Project: Rehabilitation of Carroll County Bridge No. 132 Carrollton Bridge over the Wabash River near Delphi, Indiana

Contract Entity: Carroll County

Completion Phase: 67% (Open to Traffic)

Construction Cost: \$1,916,750

Team Involvement:

Stephen F. Weintraut, P.E., Project Manager
Jonathon Sera, P.E. Project Engineer
Mark Neal, L.S. Survey
Aaron Davenport, Environmental Services
Ramon Del Real, Construction Inspection

Contact Information:

Mr. Ronald Francis
Carroll County Highway Superintendent
616 E. Elizabeth Street
Flora, IN 46929
765-967-4244



Project Summary:

Rehabilitation of Carroll County bridge No. 132 (Carrollton Bridge) carrying Carrollton Road over the Wabash River near Delphi, Indiana. The structure is a 6-span, 615 foot reinforced concrete, earth filled, arch bridge originally constructed in 1927. The bridge was designed by Daniel Lutten and is on the National Register of Historic Places. Deteriorated concrete was removed from the piers which were refaced with 4 inches of self-consolidating concrete. Pavement, overhang brackets, and the railing were removed from the bridge structure. A 10 inch thick concrete deck, longer overhang brackets, and a modified Texas rail designed to match the existing rail were installed. The clear roadway was increased from 20 feet to 24 feet. Steel-backed timber guardrail and informative signage were included in the project due to historical significance of the bridge and adjacent Wabash and Erie Canal Lock location. The project schedule was placed on a fast track at the request of the Carroll County Commissioners. Notice to proceed with Engineering services was given on May 2nd, 2005 and the project was on a construction letting in April 2006. The bridge was reopened to traffic in December 2006 with total construction expected to be completed by April 2007.