

Chesapeake Bay Bridge Rehabilitation

Annapolis, MD

Project Description

The scope of the Chesapeake Bay Bridge Deck Replacement project includes the complete composite deck unit replacement for the 1600' span suspension bridge and the 780' span through truss.

Owner

Maryland Transportation Authority

Contractor

American Bridge

Designer

MDTA

Our Role

McNary Bergeron & Associates provided construction engineering services including: Construction analysis for the replacement of the suspension span deck, as well as the through truss deck, erection plans & procedures, geometry control systems, integrated shop drawings for the precast deck units, development and design of lifting and handling systems, design of marine access system and trestle.

Total Contract Value

\$60 million

Timeline

2005 - 2009

Construction Method and Specifications

The deck for the suspension bridge and through truss was replaced during night closures. Each deck panel was saw cut, then replaced with a new panel. Traffic was restored each morning.

