

# SIMILAR EXPERIENCE

## TRANSPORTATION



### Project Data

- Role: Structural design, roadway design, traffic control

### CTH K OVER WISCONSIN RIVER BRIDGE REPLACEMENT VILAS COUNTY, WISCONSIN

Mead & Hunt completed the design for this bridge replacement project on CTH K over the Wisconsin River. This project included the design of a two-span pre-stressed concrete girder structure, beam guard installation, roadway approach work and site restoration. Traffic control during construction was a major aspect of the design process, as a detour route would be lengthy and the project site is adjacent to an ATV trail and walk-in boat landing. To address this, staged bridge construction was incorporated into the structure plans at the request of the Bureau of Structures, along with a temporary signalization plan to maintain vehicular traffic during construction. The traffic control plan included temporary portage access details and navigational signage for the river traffic. Mead & Hunt worked to incorporate traffic control requests from WisDOT, Vilas County and the Wisconsin Department of Natural Resources (WDNR) to provide continued use in this area while constructing the new structure. During construction when it was determined the existing bridge could not be utilized for staged construction, Mead & Hunt worked with the DOT's inspector to answer and address any issues and concerns.



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