



The A2/M2 Medway bridges are a pair of bridges resulting from the widening and upgrading of the A2/M2 highway. They are part of a family of bridges, including composite overbridges, a footbridge and a post-tensioned concrete box girder, which together comprise the main structural components of the A2/M2 widening scheme.

The main Medway bridge has an overall length of almost 1km with a main span of 152m. The viaducts were cast in-situ on a combination of formwork and support trusses, whilst the main bridge was built using balanced cantilever construction.

Of particular importance for the Medway bridge were the issues of scour and ship impact protection measures. Design criteria for ship impact protection were developed by Flint & Neill and adopted by both the client and the designer of the bridge.

Support was also provided to the designer and contractor throughout the construction phase of the project by checking the effects of revised construction methods and sequences on the permanent works.

Client:
WS Atkins

Contractor:
Skanska

Location:
Between Medway Road Bridge and the Channel Tunnel Link Bridge, Kent

Service Dates:
2001 - 2002

Services:
Category III Design Check
Construction Support

