

Enneus Heerma Bridge, Amsterdam

Client: Gemeentelijk Grondbedrijf Amsterdam
Design: Nicolas Grimshaw en Partners
Construction: BAM Civiel bv
Contract value: € 37.300.000
Contact: (0182) 59 06 00 / info@bamciviel.nl / www.bamciviel.nl



BAM Civiel

In the early 1990's, Amsterdam City Council decided to build new houses to take the pressure off the city's housing market. One of the solutions adopted was IJburg, a new residential area spread over seven artificial islands in the IJmeer, where 18,000 homes were built to house around 45,000 people. This resulted in a great deal of traffic to and from the islands. The Enneus Heerma Bridge is the 230-metre link that connects Zeeburgereiland to the new Steigereiland. It provides IJburg residents with easy access to Amsterdam. As well as cyclists, pedestrians and cars, the architecturally distinguished, unique Enneus Heerma Bridge is also used by the fast tram service to and from the Central Station.

The cross-river connection consists of two 75-metre main spans, a 30-metre central bridge and two 25-metre access ramps. The bridge has two car decks – two separate bridge elements each 15.2 metres wide – which hang from the arch structure on suspension cables. The unique steel arch bridge consists of a vertical main support and two side arches that slope inwards. BAM Civiel was also responsible for the pump, cable and pipework areas, a fender wall, completion off the bridge including lighting and railings, and laying the road pavements.