

HS2 Water Orton No. 1 Straddle Bents

In progress



Project type & location

Type: Bruggen

Function: Railway bridges

Country: United Kingdom

Location: Birmingham

Tonnage: 3x 155 ton

Client(s): High Speed 2 (HS2)

General Contractor(s): Balfour Beatty Vinci Joint Venture (Bevsa)

Project start date: 15/08/2023

Project finish date: 15/05/2024

Project specifics

Description

HS2 is a new high-speed rail line currently under construction that will run between London and Birmingham. As part of this, Victor Buyck has been commissioned to fabricate, supply and assemble the straddle bents for the new Water Orton No. 1 Viaduct. The project includes 3 closed caisson girders with a length of +/- 30 metres manufactured entirely in weather-resistant steel.

Because of their high weight, the girders are manufactured in 2 parts in our Eeklo workshop and then transported to the construction site by exceptional transport to be welded together.

After assembly, the beams are placed on their final location by means of a large crawler crane, where they are concreted in.

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