

Eau Rouge viaduct

Motorway Verviers - Prüm (E42) near Stavelot (BE)

Complete mission of stability

Owner

Ministry of public works - Walloon ministry of equipment and transportation (MET D.152)

Cost of the works

€ 25,5 M excl. vat

Execution

1990 - 1994

OA

This 652 m motorway viaduct crosses an environmentally sensitive valley.

The Eau Rouge at Stavelot is a stream with a very low pH. The acidity of the ground and subsoil has led to the design of a main span of 270 m supported by two independent steel arches with a rectangular box structure.

The composite deck was partially launched and partially erected by crane. It is composed of a concrete deck without cross girders and two rectangular steel boxes.

