

Eau Rouge viaduct

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



Complete mission of stability

Owner
Ministry of public works - Wal-
loon 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.

