

Motorway viaduct over the Vesdre

Above the Vesdre, municipalities of Chaudfontaine and Trooz (BE)

**Mission: concept and final design including dynamic calculation under turbulent wind, tender document.
Safety coordination projet**

Owner
Service public de Wallonie,
direction des routes de Liège
(SPW - DG01)

Cost of the works
€ 96 M. excl. vat

Studies
2008 - 2009

Execution
Stand by

OA CS



This viaduct 1 600 m long allows the A605 motorway connection between the motorways E40 Brussels-Aachen and E25 Liège-Luxembourg to cross at 80 m height the valley of the Vesdre.

Particularly wide, 31,7 m, to accommodate two times three traffic lanes and a cycle track, the structure consists of a box girder 7 m high with lateral braces. The bridge with spans of 140 m should be built by launching.

Up to the tender phase, two solutions remain in competition, one composite steel-concrete with 18 000 tons of steel and 25 000 m³ of concrete, the other of prestressed concrete with 50 000 m³ of concrete and 3 500 tons of prestressing.