

Bridge over Doubs River – Audicourt and Valentigney, France



Type: Highway

Location: Audicourt and Valentigney, France

Completion Date: January 2008

Owner: Communauté d'Agglomération du Pays de Montbéliard

Architecture: Cabinet Architecture et Ouvrages d'Art

Engineering: EGIS JMI

Steel Fabricator: Baudin Chateaufneuf and Berthold S A

- Deck: supports two footpaths and two roadway lanes
- The south footpath is as wide as the north one and is separated from the roadway by a longitudinal hole which gives place for the arch and steps connecting the edges with the deck
- Asymmetric cross section
- The arch is made of concrete and a steel middle part
- The deck is suspended to the arch with steel bars
- The cross section is made of a box girder under the roadway and two cantilevering edges supported by steel brackets
- The roadway and the footpaths are supported by an orthotropic slab

