

## BOLOGNA – FOOTBRIDGE OVER THE HIGHWAY A13

### DESCRIPTION

Cycling-pedestrian footbridge over the Padova - Bologna motorway. An arch structure with eliminated pressure of a 100 metre span. The main structure is formed by a closed profile macro trestle composed of steel sheet; a radial system of cables supports the planking bringing the strain to just one point. The pressure originating from the struts is balanced by stay beams, positioned on the planking. The traction in the planking allows, with the opposing curvature, a stabilization for strong transverse winds.

**Service provided:** Structural and architectural preliminary, final and executive design.

**Client:** Bologna municipality

**Year:** 2006 - 2009

**Free span:** M. 100

**Amount of works:** € 1.300.000

