

Footbridge Ypsilon – Drammen, Norway



**Type:** Footbridge

**Location:** Drammen, Norway

**Completion Date:** January 2008

**Owner:** Drammen Kommune

**Architecture:** Arne Eggen Arkitekter

**Engineering:** HAUG OG BLOM-BAKKE AS

**Steel Fabricator:** Ruukki Construction Norge AS

- Asymmetric cable stayed bridge with a single pylon placed on a concrete pillar in the river
- Is divided by the pylon and goes further as two spans
- Y-shape to provide a free sailing profile under the bridge of 6 x 15 m (h x w) and a user friendly slope for users
- Girders spanning from abutment to abutment, running freely between the two masts
- Main span girder made up of two parallel steel tubes  $\phi 620 \times 20$  with a 4m wide steel deck
- Main span girder carried by 2x8 stay-cables
- Side span girders made up of one steel tube diameter 620x40 with a cantilevered 3m deck
- Side span girders carried eccentrically by 2x4 stays

