

Nesciobrug Cycle Bridge – Amsterdam, The Netherlands



Type: Cycle Bridge

Location: Amsterdam, The Netherlands

Completion Date: June 2006

Owner: Gemeente Amsterdam

Architecture: Wilkinson Eyre Architects

Engineering: Ove Arup & Partners Ltd

General Contractor: Van Splunder

Steel Fabricator: Hollandia BV

-170m span curved steel monocable suspension bridge, bifurcated at both ends

- Carries the cycleway that connects Amsterdam to its new suburb of IJburg across the Amsterdam-Rhine canal
- The constraints of the site impose a skew alignment with reversing curvature resulting in a main span of 170m
- The steel structure consists of a box-girder deck together with tubular steel columns and the cable system.
- The most complicated parts of the structure were the junctions of the deck with the columns and with the cable anchorage tubes

