Bridge of Lanaye

On the Albert Canal, near the border (BE)

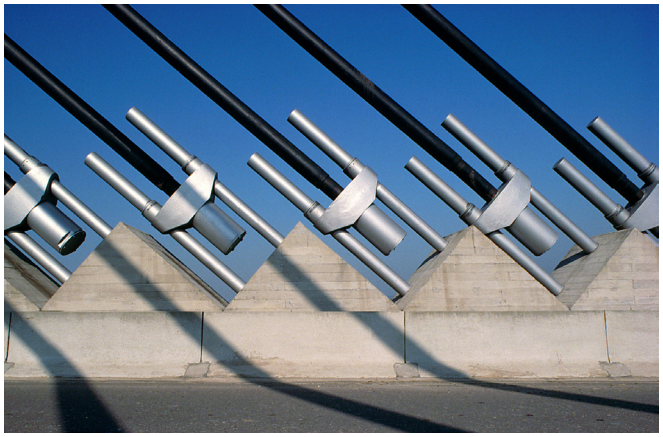
Complete mission: preliminary design, design and execution, including the design and study of specific methods

Owner
Ministère des travaux publics

Cost of the works
€ 4,5 M excl. vat

Execution
1984 - 1986

OA



Cable-stayed concrete bridge with a double layer of cables and a single inverted Y-pylon. The main span over the Albert Canal is 177 m for a total length of 232 m, the balancing span on the right bank and the counterweight abutment are embedded in the embankment of the access ramp.

The deck is made up of a reinforced concrete caisson enclosing a metal framework on which the parallel strand cables are hung. This structure was cantilevered from the pylon. Then the lower slab of the deck caisson, made on the right bank, was pulled to the other bank, suspended from the metal ground beam. The rest of the concrete deck was cast in place, supported by this structure