

→ references 2019

# VALTELLINA VIADUCT

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## Location

Morbegno, Italy

## Client

Anas S.p.A.

## Contractor

Ing. Claudio Salini Grandi Lavori S.p.A.

## Scope of work

Design, fabrication and installation of steel structures

## Period of execution

2009-2014

## Weight

8.250 tons

## Length

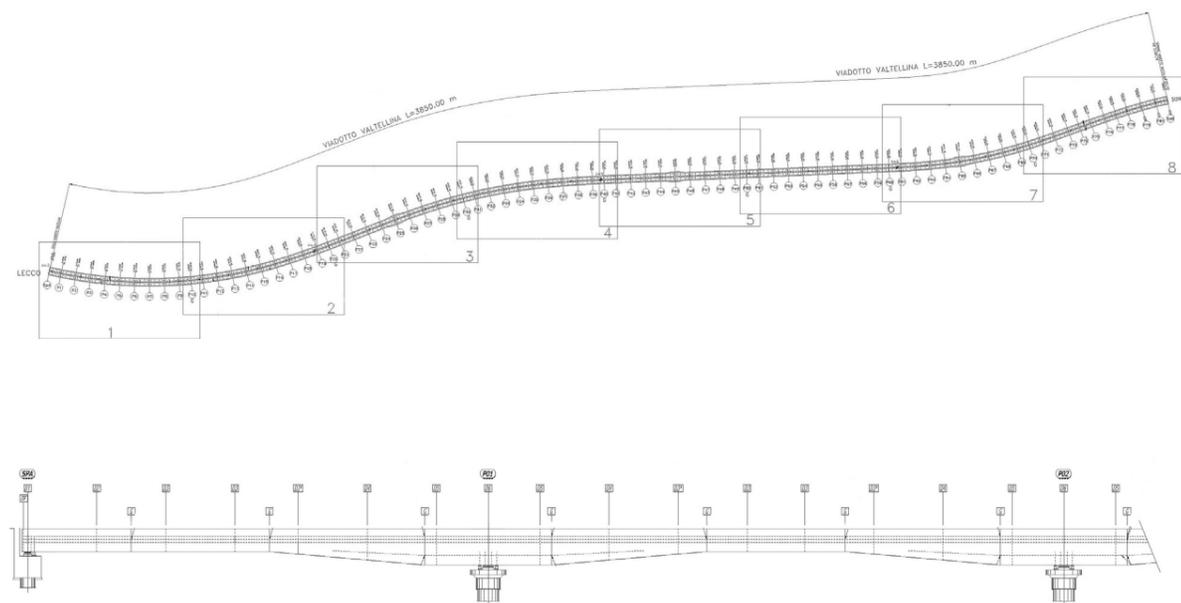
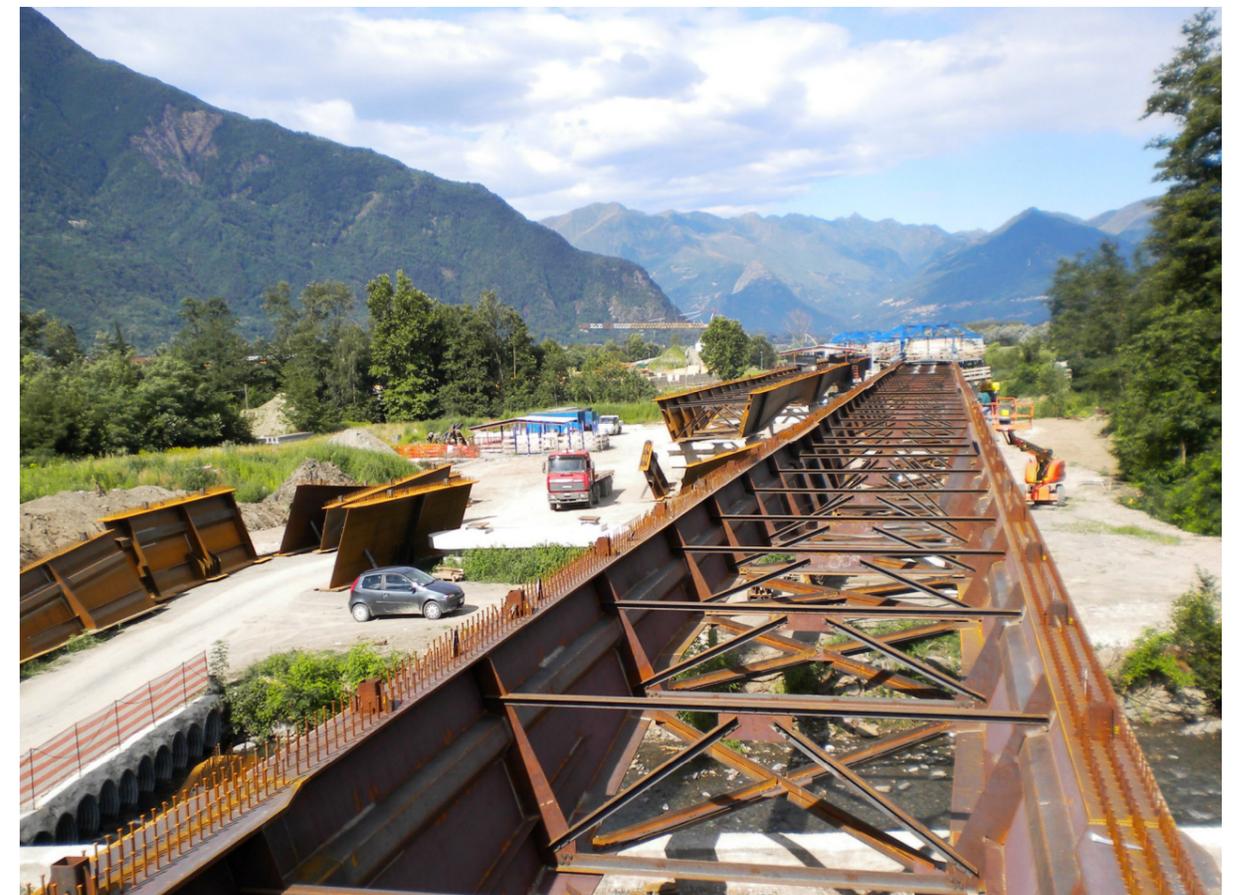
3.850 meters

The project is part of the variant of the state highway n. 38 between the intersection with the road n. 36 “of the Como lake” at the km 8+200, so-called “dello Stelvio”, in the municipality of Cosio Valtellino. The infrastructure will improve the connection of the lower part of the Valtellina valley, reducing the transit on local roads and ensuring safety and livability to residents.

The Valtellina Viaduct consists of two parallel mixed viaducts having a total length of 3.850 meters, divided into seven segments measuring 480 meters and composed of ten spans each (40+50\*8+40) and a final eighth segment with eleven spans having a length of 490 meters. The section of the viaduct measures 13 meters of width and comprises two main beams with inclined web with a variable height of the beam

between 1.75 and 2.80 meters (in correspondence of the pillars). The connection between the two main beams is made by mean of lower reticular bracings aimed to absorb horizontal loads. Altogether, the weight of the steel

structure amounts to 8.249 tons. The installation of the viaduct crossing the bottom of the Valtellina valley has been performed from the bottom using cranes.









Ideas  
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