

→ references 2019

RIVA TRIGOSO BRIDGE

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Location

Sestri Levante, Italy

Client

Municipality of Sestri Levante

Contractor

Joint Venture Grandi Opere Italiane Srl - Maeg Costruzioni S.p.A.

Scope of work

General Contractor

Period of execution

2016

Weight

250 tons

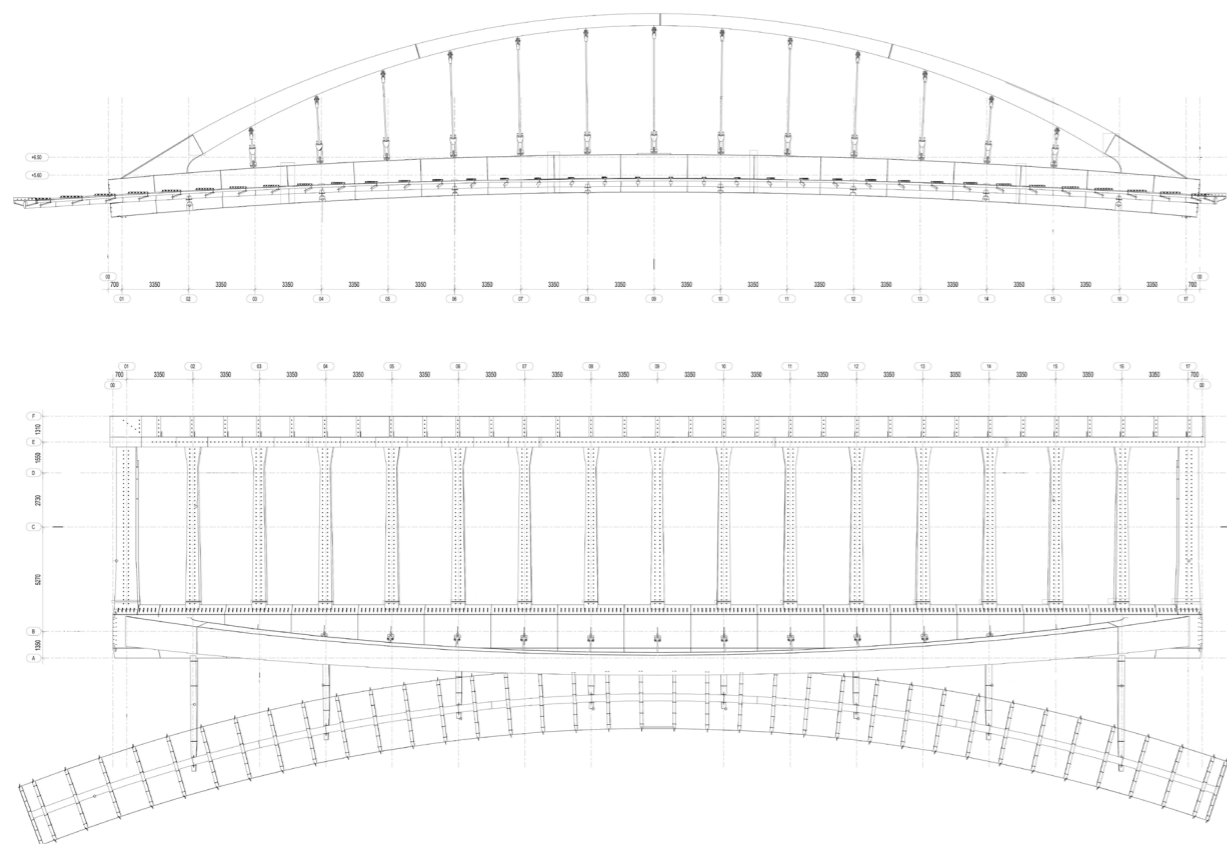
Length

55 meters

Following the disposal of industrial shipyards in the area, the Sestri Levante waterfront had the necessity to redesign and renovate the urban and aesthetic logics of the seaside destination to facilitate the flow of vehicles, pedestrians and cyclists.

The Riva Trigoso Bridge, crossing the Petronio River, consists of a mixed single span 54 meters long and 9.5 meters wide, made of steel and concrete. It is supported by a steel arch, inclined of 75 degrees from the vertical axis with a height of 8.5 meters, and by a series of I-section horizontal elements placed at a pace of 3.6 meters from one another. On the sea side there is a 3 meters wide cycle-pedestrian path with, from the planimetric point of view, a curvilinear shape moving close to the road bridge at the midpoint and progressively distancing towards

the ends. The structure was preassembled on the side and placed in position with one lifting.









Ideas
shape
the
World

Maeg Costruzioni S.p.A.
Via Toniolo 40
31028, Vazzola (TV) - Italy
+39 0438 441558
www.maegspa.com