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GIOSTRA VIADUCTS

BRIDGES AND VIADUCTS

- VIADUCTS

GIOSTRA VIADUCTS

Location

Messina, Italy

Client

Anas S.p.A.

Contractor

Ricciardello Costruzioni Srl

Scope of work

Design, fabrication and installation of steel structures

Period of execution

2010-2013

Weight

4.800 tons

Length

3.700 meters

The Giostra viaducts are part of a complicated project to reorganize the viability of Messina, allowing a significant reduction of traffic by completing the urban project of the area. These highway junctions consist of fourteen elevated viaducts on various levels with a total extension of 3.7 km.

The fourteen viaducts composing the Giostra highway junctions consist of double-T beams made of Corten steel with bolted reticular diaphragms, weighing 4.800 tons. Overall, the work has a length of 3.7 kilometers divided into spans of variable length based on the specific location of the viaduct. The width is divided into seven unidirectional single-lane ramps with a deck width of 8.25 meters and seven unidirectional double-lane ramps with a width of 10.75 meters. Built at

the base of the Nebrodi mountains, within an urban context, the work was entirely launched from below.









Ideas
shape
the
World

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