

Technical information
Client: Repubblica del Cantone Ticino Dipartimento del Territorio rchitect: Enrico Sass Date: 2021-2023 Photographer: Alberto Canepa
gangway is in Taverne and connect he industrial area and the railway station with the right bank of the river. The included in the national route of the N 3 cycle paths (North-South axis), included at European level in the Eurovelo 5 -via Romea Francigena route. The original structure consisted of two IPE 600 alveolar beams metallic carpentry; the beams had a haracteristic irregular octagonal shaped hole. The length of the gangway is 22.8 m the original parapet (IPE beam) was out of standard.

As a temporary solution for the heigh of the parapet, a metal mesh was added fixed to uprights screwed to the beam. The original artifact had been built in the 1980s and had never been the subjec reatments on the carpentry around the year 2000. The renovation project involves he reuse of the original hollow core beams (very characteristic), the enlargement of the usable walkable width (from 1.98 to 2.62 m ), the safety measures (plugging of the octagonal holes) and the height
of parapet $(1.30 \mathrm{~cm})$. The character and of parapet $(1.30 \mathrm{~cm})$. The character and the blueprint for the renovation project.

The original honeycomb beams we stiffened with the addition of vertical and ongitudinal ribs. The octagonal holes (60 $\times 50$ ) were filled with orange tempered aminated glass; to fix the plates inside


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