



PEDESTRIAN BRIDGE AUGARTEN, GRAZ

AUSTRIA

Client: Graz Straßen- und Verkehrsbetriebe
Site: Graz, Austria
Architecture: upper belt accompanies pedestrians and cyclists whilst they cross the Mur.

DI Arch. Herwig Illmaier

Span: many respects the Augarten footbridge is an innovation in bridge construction. Similar to the principle of sailing masts, which can absorb the greatest possible loads with ropes of minimal diameter, under and over-tension of the main carriers enable small profile dimensions.

Track width: The primary construction consists of rolled and welded steel profiles, pipes and rods. To support the tension loads, the rods needed welding by special methods, which took a full man-day per seam. The load bearing construction was delivered in four pieces and assembled on land.

Construction costs: € 6,95 million.

Planning period: July 1997 - January 1998
The system was pre-tensioned and transported on a specially designed transport system to the Mur River by remote control. After placing it onto the concrete foundation, the roadway slabs made of wood plates covered with mastic asphalt were installed.

Photos:

You are currently viewing a placeholder content from **YouTube**. To access the actual content, click the button below. Please note that doing so will share data with third-party providers.

[More Information](#) [Unblock content](#) [Accept required service and unblock content](#)

