

Rákóczi Bridge (Hungary)



Project description

The Rákóczi Bridge connects Buda and Pest across the River Danube in Hungary. It is the southernmost and the second newest, public bridge of the Hungarian capital.

The structure was built in the mid 90's to divert traffic from the Petőfi Bridge and to connect the Könyves Kálmán Ring road with the Szerémi and Budafoki Streets on the Buda side of the city.

The deck of the bridge is 30.6 m wide and carries 2 x 2 road lanes, 2 x 1 tramlines, and two pavements for pedestrians on both sides.

During the reconstruction works of the tramlines in 2015, new expansion joints were installed in the deck.

mageba scope

mageba delivered the following products:

- POLYFLEX®ADVANCED PU PA20 flexible plug expansion joint

A distinguishing advantage of the POLYFLEX® expansion joints is the feature of the individual adaption to the unique requirements of each bridge. Moreover, the products very short installation time results in small impact on the traffic.

These features of the product were utilised as the tram rails running across the bridge required a special design. On the other hand, due to the short installation time, the time of road closure was significantly reduced.

Highlights & Facts

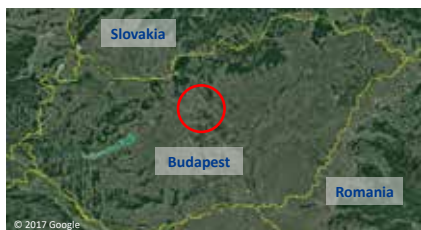
mageba products:

Type:	POLYFLEX®ADVANCED PU PA20 flexible plug expansion joint
Features:	Unique design due to the tram rails
Installation:	2015

Structure:

City:	Budapest
Country:	Hungary
Type:	Steel girder bridge
Built:	1992–1995
Length:	494.8 m
Owner:	Magyar Közút
Engineer:	Tibor Sigrá
Contractor:	Ganz Acélszerkezeti Co.

The bridge is now one of the busiest bridges in Budapest



Removal of the asphalt for the new expansion joint



The installed POLYFLEX® joint between the rails of the tramline

