

Hosszú Bridge (Hungary)



Project description

In 2013 the Hungarian government started the construction of a new 34 km long bicycle lane between the town of Nyíregyháza and Tokaj as part of its Modern Cities Programme.

The lane has been built in five stages and now fulfils two aims: it diverts the bicycle traffic from the busy Highway No. 38 connecting these two towns, and it facilitates rural tourism in the region.

As part of the project, four unused bridges running across the floodplain of the River Tisza were renovated to accommodate the cycle route, which runs parallel to Highway No. 38 on most of its length.

mageba scope

For this project, mageba supplied 11.47 m of POLYFLEX®ADVANCED PU expansion joint, with a movement capacity of 120 mm.

This joint type was partially chosen as it creates a perfectly flat transition between the structure and the road at both sides of the bridge and it also enables the installation work to be carried out in phases, with very little impact on traffic.

Moreover, POLYFLEX® joints can be easily and quickly repaired or replaced if necessary, which was another major consideration of the project.

Highlights & Facts

mageba Products:

Type: POLYFLEX®ADVANCED PU PA120 flexible plug expansion joint

Installation: 2017

Structure:

City: Rakamaz

Country: Hungary

Type: Concrete bridge

Built: 1959

Owner: Magyar Közút

Contractor: Depona Plusz Kft.

The bridge is situated in the northeastern part of Hungary on the River Tisza



Casting of the POLYFLEX®ADVANCED PU joint



The installed POLYFLEX®ADVANCED joint on the south abutment of the bridge

