

Shimomura Bridge (Japan)



Project description

The Yamashiro region lies between the Shigaraki mountains and is featured with many roads and highways due to its proximity to the famous cities Kyoto, Nara and Osaka.

In order to refurbish the Shimomura bridge, owner and constructor were looking for a flexible and reliable solution to replace the existing asphalt plug joints.

mageba scope

JTEC Company is an exclusive distributor of mageba's flexible plug expansion joint POLYFLEX®ADVANCED PU. In order to provide a Japan-wide valid solution for infrastructure projects, tests have been performed and successfully passed at the

Japan Construction Method & Machinery Research in Stitute, Fuji.

The 12-step installation process is a standard procedure that allows lane-by-lane refurbishment and re-opening to traffic within 72 hours. This quick and trained installation has the advantage of avoiding extensive effects for traffic as well as keeping the work for the constructor and owner as low as possible. POLYFLEX®ADVANCED PU also demonstrates the perfect suitability for the application in urban areas. Moreover, the complete flush surface with the adjacent asphalt results in no additional noise emission to the environment. Another advantage is zero maintenance of the system.

Highlights & facts

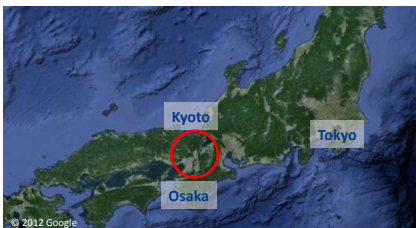
mageba products:

Type: POLYFLEX®ADVANCED PU of type PA40
Features: 6.8 m and 6.7 m length
Installation: 2015

Structure:

City: South Yamashiro City, Kyoto
Country: Japan
Type: National road
Construction: around 1990
Owner: City of Kyoto
Constructor: Yamashiro Civil Engineering Constructors
Engineer: Kyoto Prefectural Office

South Yamashiro City is located in the central part of the island of Honshu, close to Kyoto



Step 6 of the installation process: Preparation for installation of steel angles and coverplate



Step 10 of the installation process: Filling with POLYFLEX®ADVANCED PU material

