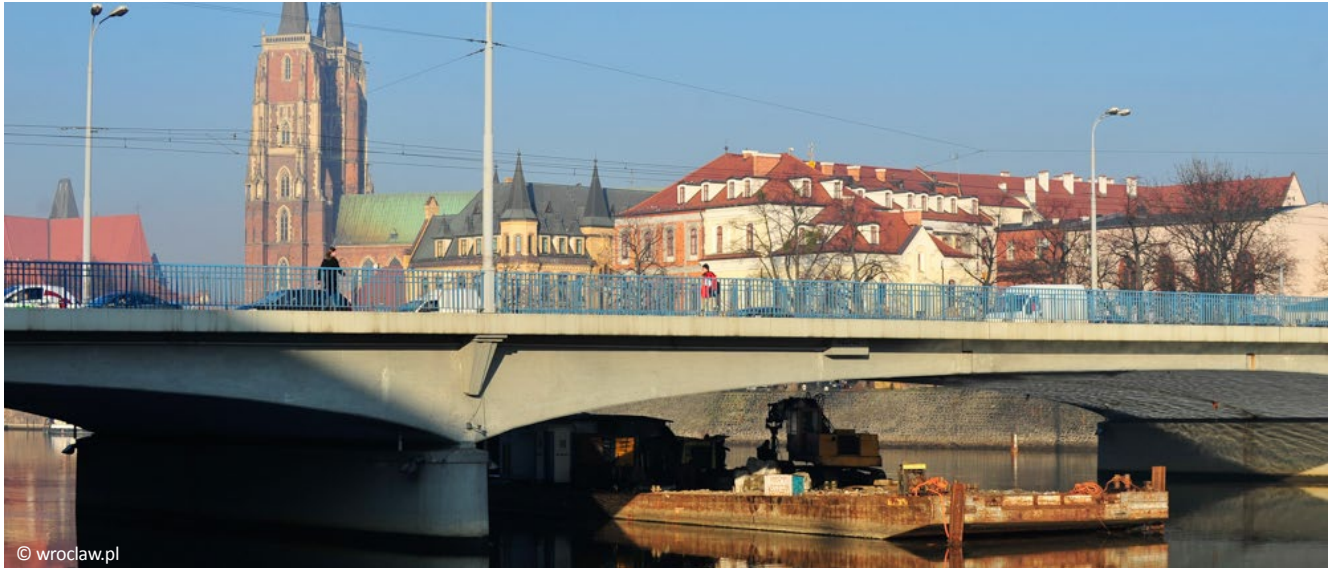


Peace Bridge Wroclaw (Poland)



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Project description

The Peace Bridge is one of Wrocław's bridges over the Oder river and connects the Ohlauer suburb with the sand suburb eastern to the island of the dome and western with the Grunwald Bridge.

Its precursor was the Lessing Bridge that had been destroyed in the Second World War, and from which only the beachheads could have been embraced in the new construction. The designer of this new prestressed concrete bridge was Professor Jan Kmita of the Technical University of Wrocław. Initially named after the nearby economic department „most Wojewódzki“ (Woiwodschaft Bridge) the bridge was finally renamed to „most Pokoju“ (Peace Bridge) with reference to the Rapacki-Plan in attendance of Mr. Adam Rapacki in 1966.

The Peace Bridge is located in Wrocław and spans the Oder river



mageba scope

mageba received the order for the supply of its flexible plug expansion joint POLYFLEX®ADVANCED PU.

Installation was carried out in four construction sections: Section 1 and 2 covered the joint's installation on the driving surface; section 3 covered the removal of the rails and track supporting layers and the joint's installation; the installation team finally accomplished the pavements in section 4.

The advantages of this mageba system:

- No further clearance for the plug joints required
- Quick and step-by-step installation (in particular for the track supporting layers of the tramway)
- Insensibility against vibrations

Section 1 and 2: Joint installation



Highlights & Facts

mageba products:

Typ: POLYFLEX®ADVANCED PU, type PA50
Features: +33/–17 mm movement
Installation: 2014

Structure:

City: Wrocław
Country: Poland
Construction: 1957–1958
Type: Prestressed concrete bridge
Length: 125.3 m
Owner: City of Wrocław
Designer: Jan Kmita

The completed flexible plug joint on the driving surface of the bridge

