

Nanay Bridge (Peru)



Project description

Nanay Bridge, or Puente Nanay has been constructed across the Nanay River – one of the Amazon River's major tributaries – to provide first-time road access to the city of Iquitos in northern Peru.

Before the bridge, the city relied exclusively on boats and planes to connect with the rest of the world.

This newly built cable-stayed bridge has a main span measuring 241.5 m, and including its approach viaducts the total length of the structure is 1,941 m, which makes it the longest bridge in Peru.

mageba scope

mageba provided 142 LASTO®BLOCK elastomeric bearings of eight types for 26 piers supporting the access viaduct that leads to the main bridge with vertical load capacities of up to 3,240 kN.

From these bearings 40 pieces were installed vertically to serve as seismic stoppers at the bridge towers.

Beyond the elastomeric bearings 16 RESTON®SPHERICAL bearings of various types (4 free-sliding bearings in the bridge towers, 8 guided-sliding bearings in the piers leading to viaducts and 4 fixed bearings in the piers leading to bridge) were also produced, each designed to support loads of up to 5,300 kN and resist uplift forces of up to 4,250 kN.

In addition to the bearings, 9 TENSA®GRIP expansion joints were also installed between the viaduct modules leading to the bridge.

Highlights & Facts

mageba Products:

Type: LASTO®BLOCK and RESTON®SPHERICAL bearings
TENSA®GRIP RS expansion joints

Installation: 2021

Structure:

City: Iquitos
Country: Peru
Type: Cable-stayed bridge
Main span: 241.5 m
Length: 1,941 m
Owner: Ministerio de Transportes y Comunicaciones de la República del Peru (MTC)
Contractor: Consorcio Puentes de Loreto (CPL)

The bridge is located near the city of Iquitos in the north of Peru



Installation of large RESTON®SPHERICAL bearing of a fixed type



Installation of a RESTON®SPHERICAL guided-sliding bearing

