

# Batinah Expressway (Oman)



## Project description

The Batinah Expressway is a 256-km-long, 8-lane highway in Oman that connects the Muscat Expressway (a relief road in Muscat, the capital of Oman) at the city of Halban with the United Arab Emirates border at Khatmat Malaha, and thus makes the traffic between the two countries easier.

The project is one of the biggest road infrastructure projects in Sultanate of Oman that involved the construction of 1,106 concrete channels, 25 bridges crossing wadis, 17 overhead bridges, 12 tunnels and the construction of various other technical solutions to overcome the terrestrial obstacles.

The expressway has four lanes in each direction and was completed within a time span of six years.

The expressway enables a faster road connection between the UAE and Oman



## mageba scope

mageba manufactured and supplied a large number of bearings for different locations of the expressway, that were shipped under four different contracts along with TENSA®MODULAR LR expansion joints.

Package 1 included 244 RESTON® SPHERICAL bearings with a maximum load capacity of 35,200 kN and 4 TENSA®MODULAR LR2 expansion joints.

Package 4 contained 436 spherical bearings. The products have a maximum load capacity of 30,600 kN each, while Package 5 included 2,438 LASTO®BLOCK Type B elastomeric bearings and 96 RESTON®POT HP bearings.

The last contract of Package 2 involved the installation of 36 modular joints of type LR2 with a maximum movement capacity of 160 m each.

Lifting of a spherical bearing into its final position



## Highlights & facts

### mageba products:

Types:	RESTON®SPHERICAL and RESTON®POT HP bearings LASTO®BLOCK Type B elastomeric bearings TENSA®MODULAR LR expansion joints
Year:	2015–2016

### Structure:

Country:	Oman
Region:	Various locations in the country
Completed:	2016
Owner:	MPW (Ministry of Public Works) Kuwait
Client:	Galfar Engineering & Contracting, SAOG, NCC Oman, L&T Oman, JV "Federici Stirling Batco- Batco- Ferrovia Agroman"
Engineer:	Parsons Oman
Consultant:	Botek

One of the installed RESTON®SPHERICAL bearings

