South Road Superway (Australia)

Project description

The South Road Superway is a 4.8 km non-stop corridor from Gawler to Old Noarlunga, in South Australia. It comprises a 2.8 km elevated roadway through the metropolitan area of Adelaide. The construction of the South Road Superway started in April 2011, for completion by December 2013.

It is the most complex engineering road construction project in South Australia to date due to the elevated roadway design which is the first of its type in South Australia.

The South Road Superway improves traffic efficiency, especially for freight transportation, and it reduces congestion through the metropolitan area of Adelaide.

mageba scope

mageba supplied in total 192 RESTON®SPHERICAL bearings and 176 LASTO®BLOCK elastomeric bearings for the elevated roadway from Port River Expressway to Regency Road.

The RESTON®SPHERICAL bearings have a max. load carrying capacity of 19,550 kN and a much more compact design than would be possible with any other structural bearing type. Thanks to this optimised design, it was possible to fit the bearings in the congested space available and no adjustments had to be made to the original elevated roadway design.

The LASTO®BLOCK elastomeric bearings are made from high-quality elastomer, reinforced by steel plates.

Highlights & facts

mageba products:

Type:	192 RESTON®SPHERICAL bearings 176 LASTO®BLOCK elastomeric bearings
Installation:	2012

Structure:

Location:	Adelaide, SA
Country:	Australia
Type:	Elevated Roadway
Construction:	2011–2013
Length:	2.8 km
Builder:	Urban Superway JV

Location of the South Road Superway in South Australia

The mageba RESTON®SPHERICAL bearings ready for shipment to Australia

The South Road Superway under construction at Kateena Street and South Road Intersection

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