

# North-South Corridor – Package N111 (SG)



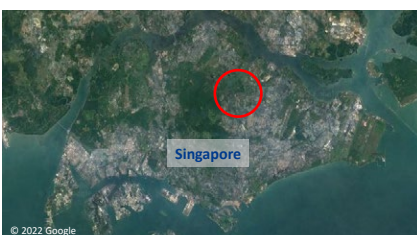
## Project description

The North-South Corridor, first conceptualized as a vehicular expressway, would be built as Singapore's first "Integrated Transport Corridor", with a total length of about 21.5 km. The construction started in 2018 and it will be Singapore's longest Transit Priority Corridor upon completion, featuring dedicated bus lanes, cycling routes and pedestrian paths throughout the entire route.

The project is expected to be completed in 2026 and it will directly connect the northern region with the city centre. Once the project is completed, commuters can expect much faster and smoother journeys.

mageba has been involved in the construction of the package N111 of the North-South Corridor between Ang Mo Kio Ave 9 and Sg Seletar, the first out of the several additional North-South Corridor viaduct packages, which will be implemented in the next 5 years.

The project is located in Ang Mo Kio and Sg Seletar in Singapore



## mageba scope

mageba supplied both bearings and joints to the main viaduct and its ramps situated between Ang Mo Kio Ave 9 and Sg Seletar and measuring 1.11 km in length.

In 2021, mageba already supplied and installed 66 RESTON®SPHERICAL bearings on the viaducts with maximum vertical loads of up to 12,300 kN.

The bearings were tested at DNV Laboratory and another 117 bearings are planned to be installed in the coming years.

In addition to the bearings, 110 m of TENSA®CRETE RE single gap joints, allowing 80 mm horizontal movements, will be installed, along with 254 m of TENSA®FINGER RSFD expansion joints.

## Highlights & Facts

### mageba products:

Type: RESTON®SPHERICAL bearings  
TENSA®CRETE RE and TENSA®FINGER RSFD joints

Installation: 2021–2026

### Structure:

City: Singapore  
Completion: 2026  
Owner: Land Transport Authority - Singapore  
Contractor: Ssangyong Engineering & Construction Co. Ltd  
Designer: KTP Consultants Pte Ltd

A RESTON®SPHERICAL bearing during testing



Grouting of a bearing plinth

