

# Tazara Flyover (Tanzania)



## Project description

The city of Dar es Salaam is an important city and commercial port on the coast of the Indian Ocean in Tanzania. It is also the gateway city to the Central Corridor and the Dar es Salaam Corridor – both important transport and traffic routes.

On October 15, 2015, the Tanzania National Roads Agency (TANROADS) and Sumitomo Mitsui Construction Co. Ltd. (SMCC) signed a contract to improve the Tazara Intersection.

In order to reduce traffic congestion due to the construction, the Tazara Flyover is crucial for the capital.

The project is funded entirely by the Japanese Government through JICA with a total cost of US\$45 million.

The construction work of the Tazara Intersection and the flyover is expected to be completed in October 2018.

The flyover is located in the largest city of Tanzania, Dar es Salaam



## mageba scope

The consultant and the fund required durable and robust joints that can be adapted to the local conditions.

Since maintenance works are rarely taking place in Tanzania, the working life of the joints need to be extremely long (>25 years), and have to be capable of handling the heavy traffic in downtown.

To meet these requirements, mageba proposed the following products:

- TENSA®GRIP single gap expansion joint of type RSB80 (80 mm movement)
- TENSA®MODULAR modular expansion joint of type LR3B-80 (240 mm movement)

Both products were installed with steel profiles that are designed for heavy traffic and are well known for their robustness.

In addition, mageba provided a constant support on site, so that the joints could be installed efficiently within a short period of time.

Lifting of the TENSA®MODULAR joint during the installation phase



## Highlights & Facts

### mageba Products:

Type: TENSA®GRIP RSB80 and  
TENSA®MODULAR  
LR3B-80 expansion joints

Installation: 2018

### Structure:

City: Dar es Salaam

Country: Tanzania

Built: 2018

Type: Prestressed concrete box bridge

Main span: 65 m

Length: 425 m

Owner: Tanzania National Roads Agency

Contractor: Sumitomo Mitsui Construction

Engineer: Eight-Japan Engineering

Modular expansion joint in its recess

