

# Macau LRT – Ocean Station Footbridge (CN)



## Project description

The Macau LRT (Light Rapid Transit) is the first of its kind in Macau. Its first 9.3-kilometre section called the Taipa Line runs from Ocean Station to Taipa Ferry Station, and along the route 11 stations have been built.

Once the whole project is completed, the Macau LRT is expected to serve the Macau Peninsula, Taipa and Cotai, connecting major border checkpoints such as Border Gate, the Outer Harbour Ferry Terminal, Lotus Bridge Border and the Macau International Airport.

The footbridge at Ocean Station has two passageways leading to Ocean Park, where travellers can leave the station.

## mageba scope

In 2016, mageba was selected to provide 6 RESTON®POT bearings for the structure.

Before the installation all bearings underwent thorough vertical-, horizontal, and friction tests according to British Standard of BS5400.

In order to make the bearings easily replaceable in the future, they were designed with top and bottom upper anchor plates.

The deflection of the bearings, which have a specified zero horizontal movement in a particular direction does not exceed 1 mm in that direction under maximum horizontal loading.

## Highlights & Facts

### mageba Products:

Type: RESTON®POT bearings  
Installation: 2016

### Structure:

City: Macau  
Country: China  
Type: Footbridge  
Built: 2019  
Length: 20 m  
Owner: Macau Construction Development  
Contractor: CRCC  
Engineer: IVIL Engineering Consultants Co., Limited

The project is located in Macau, China



A RESTON®POT bearing prepared for delivery



An installed RESTON®POT bearing

