

Airport Highway Interchanges (Oman)



Project description

This project involved the construction of a 5.5 km long road, that connects Muscat International Airport with the 54 km long Muscat Expressway, which is one of the most important transportation routes in Oman.

During this complex project five highway bridges were constructed with several kilometres of service road.

In addition, a new drainage system and footways were built, while new water supply and electric networks were also installed in combination with a modern telecommunication and streetlight system.

mageba scope

For this project mageba delivered TENSA®GRIP RS single gap joints with a total edge beam area of 3000 mm² and particularly heavy Omani profiles. This makes the overall weight of the joint system heavier than 70 kg/m of joint. In addition, one TENSA®MODULAR LR2 joints was installed.

The edge profiles of the installed joints were made out of weathering steel S355J2W, which is quite commonly used in Oman and across the whole Middle East.

Highlights & Facts

mageba Products:

Type: TENSA®GRIP RS single gap joints
TENSA®MODULAR LR2 modular expansion joint

Installation: 2014

Structure:

City: Muscat
Country: Oman
Type: Highway Interchange
Built: 2014
Owner: DGR
Contractor: Soares De Costa OUES JV
Engineer: Parsons

The project is located in the proximity of Muscat International Airport



The installed TENSA®MODULAR LR2 expansion joint



TENSA®GRIP expansion joints ready for transportation to site

