

Following visual inspection of the Gateway Bridges along with design verification and analysis conducted by Freyssinet, Client decided to replace all HDRB bearing of two Gateway Bridge Structures.

Freyssinet was appointed to perform bridge lifting, design, supply and installation of new HDRB bearings. Given in consideration scope of work, job was divided into two phases.

Phase I consisted of replacement of 16 (out of 32) HDRB bearings with the highest level of severity of defects.

Complete Phase I took 2 months for completion despite numerous challenges such as work above water, limited space and manual installation of heavy bearings (over 2t) with full respect of QHSE requirements.

## Repairs

### Bridge Jacking Works and Bearing Replacement

Palm Jumeirah Gateway Bridges, Dubai



#### Client

Nakheel

#### Consultant

Nakheel

#### Contractor

Kabri International

#### Execution

Apr – Jun 2015