

Following Freyssinet visual inspection of the bearings in 2015 when several defects on the bearings PTFE were found, the Client engaged Freyssinet to conduct lifting works at four locations on Dubai Bypass Road – Al Ruwayah Interchange and to replace damaged PTFE with new and improved material HOTSLIDE. Part of the Freyssinet assignment was to wave the structure in order to determine distribution of the loads and actual reactions in the bearings on lifting locations.

For the first time in MENA region EVO centralized lifting system for computerized lifting and monitoring of the movements was used by Freyssinet.

EVO centralized lifting unit represents new and powerful tool aimed to further improve and reinforce Freyssinet expertise and leading position in lifting works allowing precise monitoring and control over such works.

The full activity on site was completed during period of 2 months working without any disturbance to live traffic and respecting all project QSE requirements.

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Repairs

Bridge Lifting and Bearing Rectification Work

Al Ruwayah Interchange
Dubai - UAE



Client

RTA Dubai

Consultant

CDM Smith

Contractor

Al Naboodah

Execution

Sep – Nov 2016