

Al Saada Bridges (North and South) are located between two plots currently being under construction of high rise towers part of One Zabeel Project. During planning of this project Client (RTA) raised a question of impact of such deep excavation and dewatering close to bridge foundations.

Following Freyssinet visual inspection of the bearings on Al Saada Bridge when it was determined condition of them and Design verification conducted by third party consultant, Client decided to take prevention measure and mitigate risk due to possible settlement of the bridge piers.

Freyssinet was appointed to do pre-jacking on most critical locations and to supply and install additional bearing top plate to elevate bridge deck for 10mm which will provide sufficient margin in case of settlement and allow enough time for remedial action.

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

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Repairs

Bridge Lifting Work

Al Saada Bridge
Dubai - UAE



Client

RTA Dubai

Consultant

WSP

Contractor

APCC

Execution

November 2016