



FREYSSINET
SUSTAINABLE TECHNOLOGY

Haj 4 bridge presents one of the structures constructed as a part of Haramain High Speed Rail Development in Western Province of Saudi Arabia.

Following inspection and evaluation of causes for damages on elastomeric bearings, project requirement was to replace elastomeric bearings by bridge jacking works.

In handover stage of the project, Freysinet was appointed by contractor to perform design, supply and execution of bridge jacking works, required for elastomeric bearings replacement (total of 12 pcs).

Complete activity was performed under the heavy traffic on the bridge, without any impact on the structure, by means of 16 pcs of 260 tons hydraulic jacks.

Repairs

Haj 4 Bridge – Bearing Replacement Works Jeddah, KSA



Client

Haramain High Speed Rail Agency

Consultant

Dar Al Handasar

Contractor

China Railway Contracting

Construction

March – June 2013