

The bridge is located in Doha – Dukhan Road, about 80 km away from the capital.

The beam was hit by an excavator loaded on a trailer on its way to Doha. The adjacent inner girder is unaffected & intact.

The girder was damaged at the mid span where the tendons are located at the lowest point. The three tendons were damaged, exposing the strands to corrosion activity.

Thorough site investigation, relevant structural integrity computations and checking were done. Freyssinet has successfully identified and proposed the required remedial actions and procedures for the affected girder.

## Repairs

### Inspection & Remedial Proposal of Damaged Bridge Girder

Zekreet Bridge,  
Zekreet - Qatar



#### Client

Qatar Petroleum

#### Consultant

Technital

#### Contractor

Almana Eng'g & Contracting

#### Construction

January 2009