

KORINTHOS – RAILWAY BRIDGE

DESCRIPTION

The bridge is part of the railway line that connects Korinthos to Patra and passes over the new road that also connects Korinthos to Patra. The bridge is composed of two spans of 45 metres and a central span of 170 metres. The central span is supported by two rectangular frames that have cables anchored to the top to support the planking. The 16.6 wide planking is stabilized by metal braces placed under the concrete floor. The bridge is seismically isolated both in a longitudinal and transversal direction by appropriate supporting apparatus and viscose dampers.

Service provided: Structural executive design.

Client: Hellenic Railways Organisation.

Year: 2007 - 2008

Span: Mt. 260

Amount of works: € 10.000.000 (category IXb).

