

Freyssinet

Freyssinet offers integrated hi-tech solutions in two major fields: construction and structural repair under the Foreva® label.

Freyssinet is involved in numerous projects across five continents, making it the world leader in its specialist areas:

- · Prestressing
- · Cable-stayed structures
- · Construction methods
- · Structural accessories
- · Structural repair and reinforcement
- · Structural maintenance

These activities are applied to a wide range of structures, including civil engineering structures, buildings, skyscrapers, industrial installations, power production plants, offshore platforms, transport and sporting infrastructures, and more.

For more information, visit www.freyssinet.com

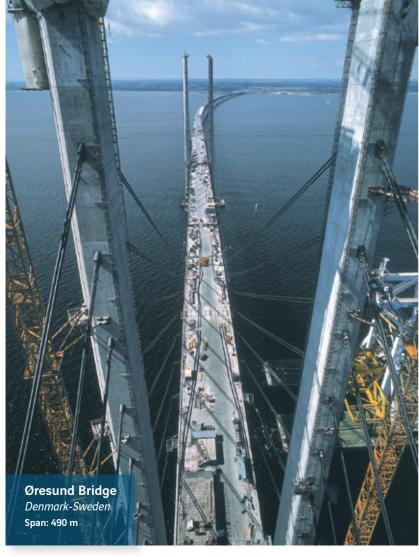
Cover photograph: Russky Island Bridge - Russia

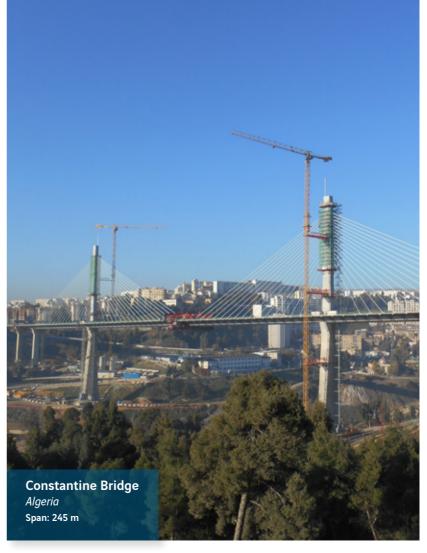












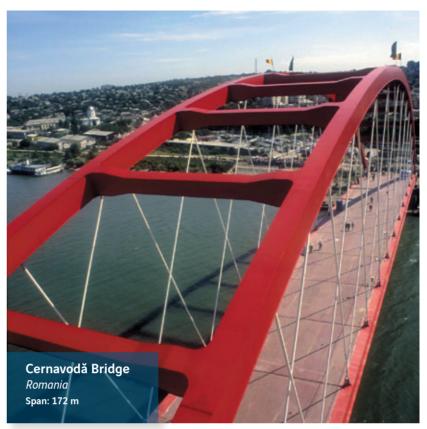






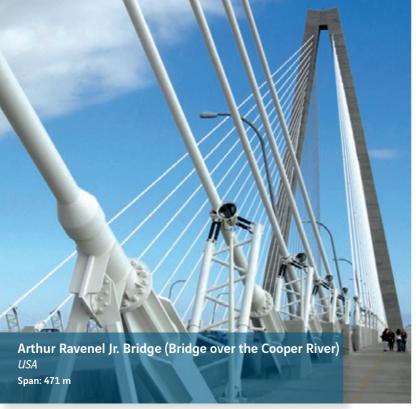










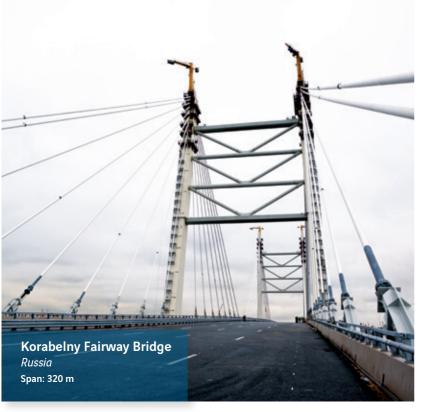


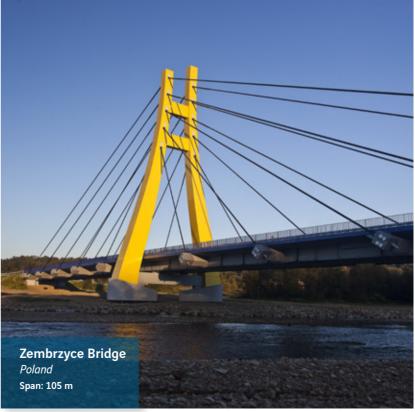




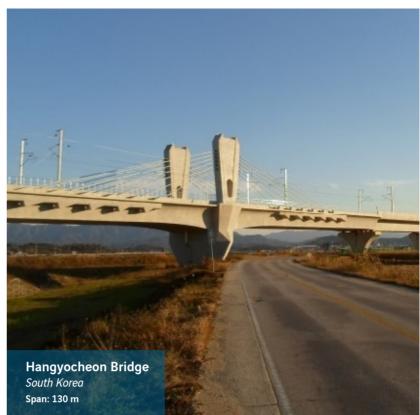


















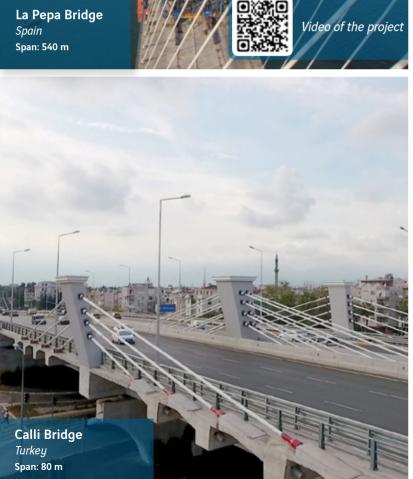










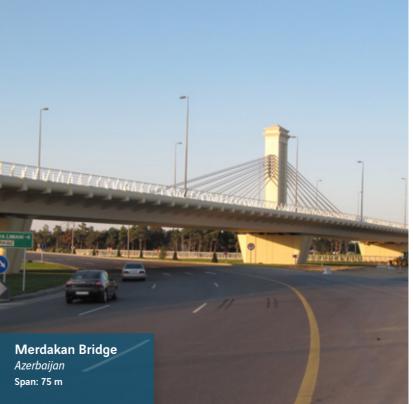














REPAIR

Ewijk Bridge Netherlands

As part of a nationwide steel bridge renovation project, Freyssinet replaced the locked-coil cables on this structure with cohesive strand cables.



Rande Bridge

Spain

Freyssinet supplied eighty H2000 stay cables as part of the project to widen this cable-stayed bridge, which was the largest in the world when it was built in 1981.

Agigea Bridge Romania

Built in 1983 using the technologies of the time (parallel wires, steel inner sheaths, prestressed anchors, etc.), the bridge was showing structural damage that put it at risk of collapse. Freyssinet was able, though specialist design, to remove the existing stay cables replacing them with 160 new ones.

Penang Bridge Malaysia

Since it was built in 1985, traffic has increased well beyond the anticipated volume. Freyssinet was therefore contracted to analyse and renovate the bridge. The project included installing and tensioning 16 temporary stay cables, cutting and removing the existing front and rear stay cables, and then supplying and installing 12 new stay cables, all without interrupting traffic flow.



ANZAC Bridge

Australia

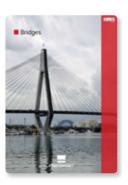
In order to reduce vibrations due to wind and rain, Freyssinet retrofitted helical ribs onto the existing HDPE sheaths using a welding robot, without any interruption to traffic.

A method for replacing the filler was specially devised in order to strengthen the stay cable anchors.

More information











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