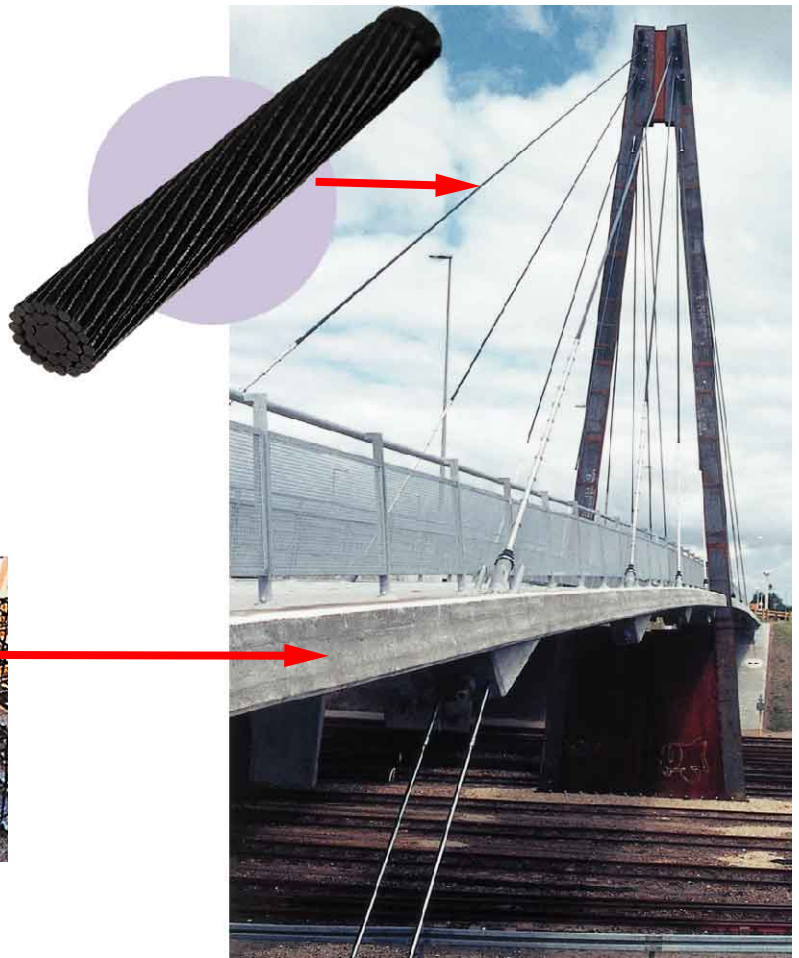


## Bridge Cables

### Herning Footbridge (Denmark)

In Denmark a large amount of money is spent to prevent the corrosion of steel reinforcing caused by de-icing salts in winter. In addition, Denmark is also a country that possesses the technical skills to design and construct world-class long, large-sized bridges. This PC cable-stayed bridge was built in the city of Herning, which is located in about the center of the Jutland Peninsula in Denmark. CFCC was used in all stay cables of the PC cable-stayed bridge, tendons and reinforcing bars in order to reduce the life-cycle costs of this bridge, and with a view to adopting CFRP stay cables for long-span cable-stayed bridges in the future. Of all the new material cables from around the world, the high quality and extensive experience of CFCC from Japan is widely recognized and used.

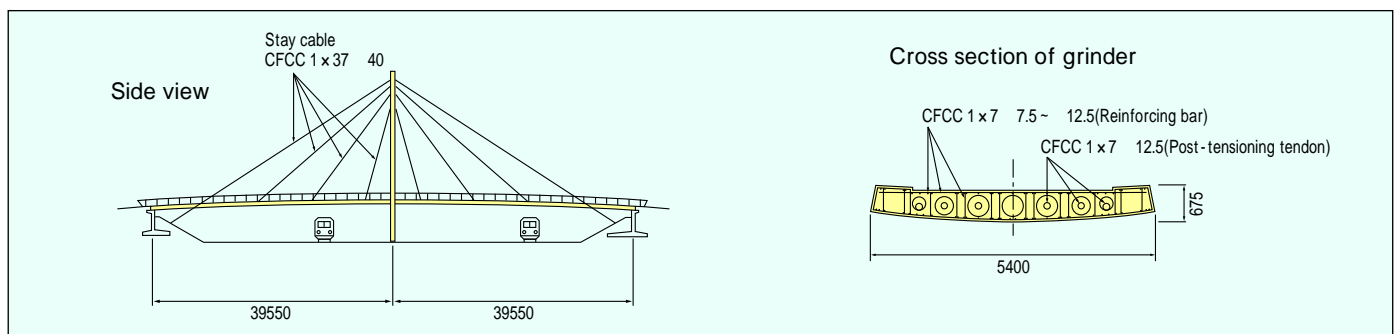
Client	The Danish Road Directorate, Danish Ministry of Transport
Location	Herning (Jutland Peninsula, Denmark)
Dimension	2 span continuous PC cable-stayed bridge Bridge length: 80 m Width: 5.2 m (Span: 40 m)
Material	CFCC 1x37 $\phi$ 40.0 CFCC 1x7 $\phi$ 12.5, $\phi$ 10.5, $\phi$ 7.5
Application	Stay cables Post-tensioned tendon and reinforcing bar of PC main girder
Completed	September 1999



CFCC reinforcing bar

Courtesy of the Danish Road Directorate

### Schematic drawing of structure



< From the ACC Club Catalog >

