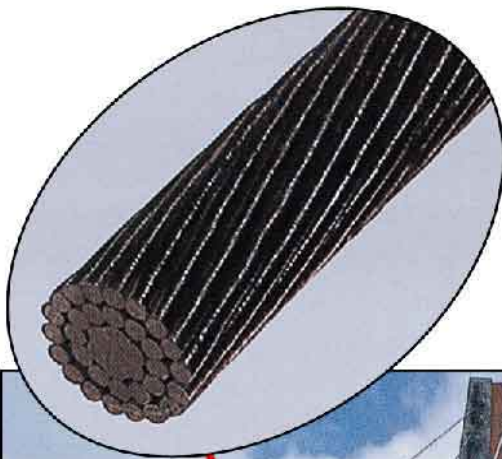




The Herning Bridge (pedestrian overpass a railway line)

In Denmark a large amount of money is spent to prevent the corrosion of steel reinforcing caused by agents that are spread on the road to melt the snow in winter. The designers wanted to reduce the life cycle cost of PC bridge beams and use of CFRP stay cables on future large-sized bridge beams. CFCC materials were used for all the stay cables, tendons and reinforcing rods on the PC cable stayed bridge.



- **Owner:**
Road Directorate Denmark Ministry of Transport
- **Location:**
Denmark
- **Dimensions:**
Length:80m
Overall width:5.5m
- **Materials:**
CFCC 1 × 37 φ40 L=460m
CFCC 1 × 7 φ7.5~12.5 L=11,160m
- **Application:**
Stay Cables
Post-tensioning
Rebars(Stirrups)
- **Completed:**
Jun 99
- **ACC Projects list:**
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