



Track renewal Køge Bugt Railway

As main contractor, M.J. Eriksson's rail division has carried out the track renewal of the Køge Bugt railway over a period of 3 years.

The project includes renewal of the track with associated safety works between Køge (approx. 39 km) and Hundige (approx. 17,7km) as well as the diamond crossing at Vallensbæk (approx. 13,8 km) and the renewal of the catenary system on the entire Køge Bugt railway between Bavnehøj (approx. 2 km) and Køge (approx. 39 km). In addition, we have prepared the construction site at Hundige maintenance area.

The railway consists of 37 km of double track and 1.5 km of repository track at Køge. Most of the works are carried out during track closure periods. Track and safety work include the following: 44 km of track renewal with new sleepers and track, 31 km of ballast cleaning, 8 km of ballast replacement, 5 km of new track beds, 31 switches (4 of these are diamond). Track cleaning in Solrød and Karlslunde, adjustment of the catenary system, safety work incl. changing of the electronic speed control due to the installation of an extra drive on 22 of the 31 switches.

The new catenary system is carried out according to the type certificate, TCZ S120St, and the contract includes the following quantities:

- 1.985 foundations for masts, gallows, frames and steel wires
- 1.420 masts with finishes and equipotential bonding
- 109 km relocation/replacement of catenary lines, incl. electric connections and isolators
- 77 km line feeder

Construction period
2016 - 2019

Quantities:

Subsoil works	300.000 m ³
Piles	1.985 pcs



Client

Banedanmark
Carsten Niebuhrs Gade
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Collaborators

GCF SpA
Bravida
Jorton

Contract

Main contractor
Contract sum
DKK 258 m