TRM PILING SYSTEMS FACTSHEET

Special application

Emergency railway foundation repair in Lovosice, Czech Republic

+ 22 pcs. ductile driven piles with a total meterage of 308 m
+ Pile type TRM 118/9.0 with grouted pile shoe TRM 220
+ Foundation depths up to 14 m
+ Piles needed to be delivered and installed within very short time
+ Installation time: 2 days

Fast. Simple. Safe.
www.trm.at

Factsheet **Special application**

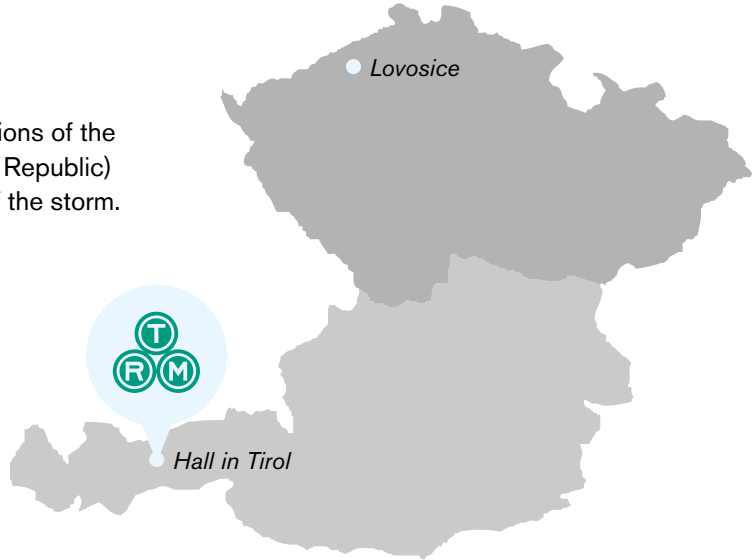
The Initial Situation

After extremely heavy rainfall, the Lovosice **railway line** in the Czech Republic **developed foundation problems** just after the bridge crossing the 261 highway. The railway line was immediately closed and remediation works began.

Due to the **flexibility and fast availability**, it was quickly decided that the **TRM Piling Systems** would be suitable for supporting the bridge abutment as well as the track foundation extending out south westerly.

Emergency situation after heavy rainfall

Due to heavy rainfall, the foundations of the railroad track in Lovosice (Czech Republic) could not withstand the forces of the storm.



Factsheet **Special application**

Deep foundation

After extreme rainfall caused foundation issues along the Lovosice railway line in the Czech Republic, immediate stabilization of the bridge abutment and track foundation was essential. To address the challenge, **22 ductile driven piles** of type **TRM 118/9.0** with a **grouted pile shoe TRM 220** were installed to **depths of up to 14 meters**. The TRM Piling System's **efficient installation** process enabled **completion within just 2 days,** highlighting its suitability for time-critical projects. The ductile iron piles delivered robust and reliable deep foundation support, **ensuring long-term stability for the railway infrastructure**.

Finalized railroad founded on TRM Piling Systems

Repair work after the heavy rainfall

Installation of the TRM ductile driven pile

Do you have any questions? Our experts will be happy to advise you.

Picture credits: © TRM