Four Generations of the Petřín Funicular Railway

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GENERATION IV – TOWARDS THE FUTURE (2026)

A tender for the reconstruction of the funicular was announced in July 2024, and construction began in March 2025. Groundwater causes the slopes of Petřín Hill to move by several millimetres each year, making a deep and comprehensive reconstruction necessary. A prelude to this extensive project was the reconstruction of the bridge structure and the adjacent Nebozízek stop in 2015–2016. Trial operation with passengers is scheduled to begin in the third quarter of 2026.

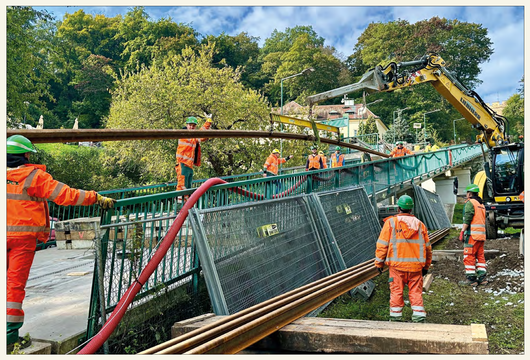
The first new car is being lowered onto the rails at the Abt passing loop. The operation was exceptionally demanding, as heavy trucks had to reverse along the narrow pathways of Petřín Hill.

In order to stabilize the structure, the original construction had to be removed and extensive work carried out on the subsoil and drainage system.

The reconstruction extends deep underground. Large-diameter piles are drilled to depths of 18 metres, while micropiles reach depths of 11 metres.

Installation of the new haulage cable took place on 13 April 2026.

The reconstruction of Nebozízek station had already taken place before the overall reconstruction began, in 2015–2016.



The rails are fixed directly into the concrete base using a method derived from metro construction.

Reinforced-concrete slabs separated by expansion joints are placed on top of the concrete foundation layer.

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