

Press Release

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Extensive slope stabilization: Spesa carries out dismantling work and railway embankment reinforcement in Kaiserslautern

- Preliminary work has begun on the extension of Trippstadter Strasse
- Dismantling of adjacent embankment and slope stabilization with 300 ground anchors
- Slope stabilization work concluded in October, road extension starting in spring 2026

Kaiserslautern, Germany – Increasing car traffic, growing numbers of cyclists and pedestrians, and tight spaces between the embankment and neighboring houses: Trippstadter Strasse on the south side of Kaiserslautern has been a bottleneck for years now. Now the outdated traffic concept from the 1980s is being thoroughly reworked. Preliminary work to extend the section between Karcherstrasse and Logenstrasse started in August. The goal is to optimize the flow of traffic on the south bypass, improve the distribution of traffic and enhance safety for all road users.

More space, more safety

The new concept creates space for everyone: Alongside a widened railway there will be a 2 m wide footpath and a 1.5 m wide protective strip on both sides for cyclists. In the future, residents will also be able to park along the street. In addition, a connection will be established to the new bicycle road from the university up to the Volkspark.

Slope stabilization with 300 self-drilling anchors

The challenge: First the necessary space needs to be created. The foundation report from the Kaiserslautern City Administration relied on the expertise of SPESA Spezialbau und Sanierung GmbH. “Using special excavators that can handle steep slopes, large sections of the old adjacent embankment were first excavated and removed,” explains Sebastian Otto, Project Manager for Spesa. In order to permanently stabilize the remaining slope, a total of 300 ground anchors with a length from 7 to 8 m were installed in the wall. Then the anchors were filled with a cement slurry and further reinforced with welded wire mesh. Work concluded with a 20 cm thick layer of shotcrete that stabilizes and protects the slope. “The slope is permanently secured now,” continues Sebastian Otto.

Road expansion to begin in 2026

The slope stabilization was successfully completed in October. Subsequent work starts with the construction of a gabion wall as visual cladding for the slope reinforcement. The actual road expansion is planned for spring 2026 and should be completed in fall of the same year.

Project video: <https://www.youtube.com/watch?v=etluS5iOI5Q>

Images: pressebild-press-image-hangsicherung-slope-stabilization-kaiserslautern-spesa...



(1) For the expansion of Trippstadter Strasse in Kaiserslautern, Spesa carries out extensive slope safeguarding measures with dismantling and railway embankment reinforcement.



(2) To safeguard the adjacent embankment, 300 ground anchors were installed.



(3) The installed anchors were filled with a cement slurry and further reinforced with welded wire mesh.

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