



Sankt Augustin-Hangelar

Pipelines for the Federal Police

Data and facts

Company	PORR Verkehrswegebau GmbH
Type	Leitungsbau
Runtime	04.2025 - 03.2028
Principal	Bau- und Liegenschaftsbetrieb NRW

[Project report online](#)

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PORR

Federal police station to undergo extensive expansion

Various federal police units are based in Sankt Augustin near Bonn and often train together for highly complex operational scenarios. However, much of the infrastructure at the site is no longer able to meet the requirements of modern operational and training concepts. Many of the approximately 70 buildings date back to the 1930s. The majority are in need of renovation, and the roads and sewer networks are also outdated. Under the direction of the North Rhine-Westphalia Building and Real Estate Management Authority, the expansion of the more than 70-hectare site has been underway since 2020 while operations continue. A total of 86 packages of measures are being implemented in seven construction phases. In addition to the renovation and new construction of buildings, areas are being renaturalized and a "green belt" is being created around the site. PORR Verkehrswegebau is also part of this long-term infrastructure project with its challenging sewer work.

Complex sewer work while operations continue

The construction of new sewage and rainwater sewers is a central component of the development plan. In total, the Düren-based PORR Verkehrswegebau team will lay two kilometers of PE-HD pipes with nominal diameters of 160 to 1200, all of which will be connected using the heating coil welding process.

The work is challenging: on the one hand, the existing drainage system must be maintained, which means that continuous water drainage must be ensured during the three-year construction period. On the other hand, the sewer construction is taking place at depths of more than five meters, partly in stepped trenches, which poses an additional challenge in terms of depth. To make matters more difficult, large sections of the route run through a water protection area. This means that the selection and laying of environmentally friendly materials must meet correspondingly high requirements. Since a systematic preliminary investigation was not possible, the search for metallic foreign objects required by occupational safety regulations is being carried out during construction.

Impressions



Image notes

1

The canal is being constructed at depths of more than five meters, partly in stepped trenches.

2

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

The construction of new sewage and rainwater drainage channels is a key component of the development plan for the federal police headquarters.

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