PROJECT REPORT



Bremen-Nord
Bus depot

Data and facts

Company	PORR Verkehrswegebau GmbH
Type	Opening, Parking and rest facilities
Runtime	03.2024 - 05.2025
Principal	BSAG (Bremer Straßenbahn AG)

Project report online

www.porr.de

Infrastructure for electric articulated buses

The modernisation forms part of the planned transition of the entire BSAG bus fleet from diesel to electric vehicles by 2033. Fifty electric articulated buses are set to enter service as early as 2025. The Blumenthal site offers suitable conditions for this, as there is sufficient space available and no obstructive overhead lines or tracks.

New infrastructure for electric mobility

The existing infrastructure is being comprehensively adapted for the future operation of the electric buses. This includes the installation of charging points, the laying of power cables as well as the conversion of the workshop to electric technology. In addition, new fire detection systems, two workstations and a room for battery storage are being built. The digitalisation and automation of the power supply and vehicle logistics are also part of the modernisation.

Civil engineering works to a depth of 5.50 metres

PORR transport route engineering is undertaking extensive civil engineering works as part of the refurbishment. A total of 870 metres of new sewers are being constructed at depths of up to 5.50 metres, including a rainwater treatment plant. To ensure the work is carried out safely, shoring is being used in the majority of the construction sections. In addition, the team is laying around 7,000 metres of empty conduits and is moving as well as disposing of approximately 6,000 cubic metres of soil for construction pits as well as for the sub-base.

15,000 square metres of new concrete surface

The traffic areas of the depot are also being renewed. Across an area of 15,000 square metres, the existing concrete surface, including the hydraulically bound base course, will be removed. The team will then lay a new gravel base course as well as a frost-resistant sub-base, followed by a new concrete surface, covering 15,000 square metres. In addition, around 1,500 metres of kerbing will be installed.

A building block for electric bus transport in Bremen

The work is scheduled for completion in spring 2025. With the modernised depot in Bremen-Nord, BSAG is creating the necessary infrastructure to charge, maintain and deploy electric articulated buses in daily operations, thereby supporting the planned transition of its bus fleet by 2033.

Impressions







Image notes

1

Verkehrswegebau Busbetriebhof bremen

In order to make the bus depot fit for the operation of electric articulated buses, the PORR traffic route construction team is undertaking a number of challenging civil engineering measures.

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Verkehrswegebau Busbetriebhof bremen 1

A new concrete surface covering around 15,000 square metres is being built on a gravel base course with a frost-proof substructure.

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Verkehrswegebau Busbetriebhof bremen 2

In order to carry out the work safely at great depths, shoring is used for the majority of the construction sections.

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

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