



# B 247, Mühlhausen-Bad Langensalza

## Data and facts

<b>Company</b>	PORR Spezialtiefbau GmbH
<b>Type</b>	Foundations
<b>Runtime</b>	07.2022 - 12.2024
<b>Principal</b>	Via Mühlhausen Thüringen GmbH & Co. KG (VMT), Deges GmbH

[Project report online](#)

[www.porr-group.com](http://www.porr-group.com)



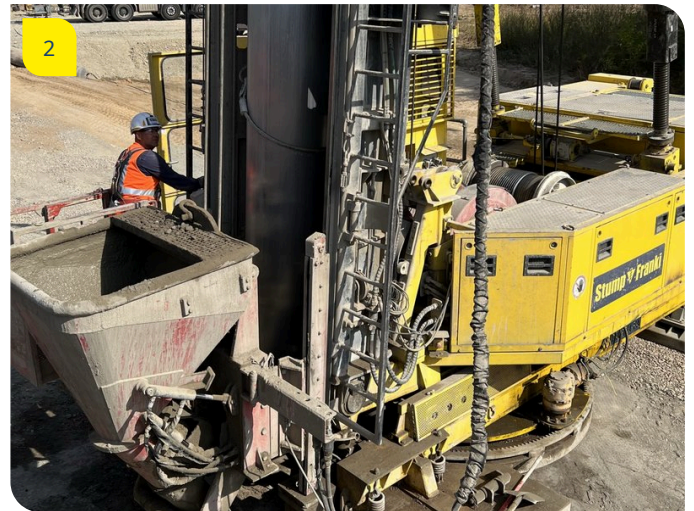
# Pile foundations for seven bridge structures

The specialist foundation engineering team is responding to the challenges with years of experience and expertise, thus building on previous successfully completed projects and a strong working relationship with the client.

## Frankipfahl NG® piles minimise carbon emissions

A total of 242 Frankipfahl NG® piles with a diameter of 61cm and 290 Frankipfahl NG® piles with a diameter of 71cm, also known as mega piles, are being manufactured for the pile foundations of the bridge structures. Despite their small shaft diameter, mega piles can bear pile resistances of up to 12,000kN, depending on the subsoil. This makes them the perfect solution for bridge pile foundations, which require minimal settling. Their excellent load-bearing capacity, even under high vertical loads, means that foundations and abutments can be significantly reduced in size compared to other pile systems. This offers a double benefit: the reduced concrete consumption lowers costs while also making a substantial contribution to climate protection.

## Impressions



## Image notes

1

### B 247, Mühlhausen-Bad Langensalza

PORR Spezialtiefbau secured the contract for the pile foundation work for the bridge structures.

2

### B 247, Mühlhausen-Bad Langensalza

Frankipile NG® piles, also known as Megapiles, are used for the pile foundations of the bridge structures.

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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