

## U-Bahn Betriebswerkstatt Billstedt



### SHORT DESCRIPTION

Construction of a subway maintenance workshop and washing hall: Industrial construction with in-situ concrete and precast reinforced concrete elements.

### THE PROJECT

Construction of a three-storey workshop building made from reinforced concrete, with dimensions 33 metres x 132 metres. The building project also includes construction of the foundations for a washing hall with dimensions 7.5 metres x 130 metres. Both buildings are constructed using a combination of in-situ concrete and precast reinforced concrete elements.

### SERVICES IN DETAIL

Earthworks, installation work, water drainage, reinforced concrete work, concrete core activation, earthing and lightning protection systems, track drainage, 1,800 precast reinforced concrete elements.

### CHALLENGES

The challenge here lay in completing the construction work on the central 'island' between two tracks with railway services still running.

### FACTS

#### Location

Legienstraße / Ecke Helma-Steinbach-Weg, Hamburg, Germany

<b>Status</b>	completed
<b>Construction volume (value of our services)</b>	6.94 M EUR
<b>Start of construction</b>	July 2017
<b>Completion</b>	November 2018
<b>Contracting entity</b>	Hamburger Hochbahn AG, Hamburg
<b>Project management</b>	Hamburger Hochbahn AG, Hamburg
<b>Planning</b>	Spiekermann GmbH Consulting Engineers, Düsseldorf
<b>Concrete volume</b>	8000 m <sup>3</sup>
<b>Reinforcement</b>	1500 to

## SERVICES

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Concrete construction

Industrial construction

Rail transport infrastructure




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<https://implenia.com/en/references/detail/ref/subway-maintenance-workshop-billstedt/>

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