

## Slussen SN91



### SHORT DESCRIPTION

Extensive rock and concrete work at Katarina Mountain

### THE PROJECT

To meet Stockholm's continuous development, Slussen will be rebuilt and a bus terminal will be built in Katarinaberget.

The bus terminal will be designed as a mountain space with room for both passengers and bus traffic. Approximately 270,000 m<sup>3</sup> of rock will be removed when the rock blasting for the new bus terminal is carried out. The design of the terminal will be influenced by the surrounding buildings, the existing rock outcrops in Katarina Mountain and the slope towards Stadsgårdsleden. These present the project with rock engineering challenges, such as large spans and low rock cover. Three large tunnels with a span of up to 24 m provide waiting areas for passengers and driving areas for buses. Implenia's contract generally includes rock work for the underground tunnels with entrance tunnel, media tunnel, new waste water tunnel - in total rock work of around 270 000 m<sup>3</sup> and concrete work of around 12 000 m<sup>3</sup>. Some earthworks will also be carried out.

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### FACTS

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<b>Location</b>	Katarinavägen 21, Stockholm , Sweden
<b>Status</b>	Under construction

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<b>Construction volume (value of our services)</b>	77 M EUR
<b>Start of construction</b>	January 2018
<b>Completion</b>	December 2021
<b>Contracting entity</b>	Stockholm Stad

## SERVICES

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- Tunnelling
- Infrastructure
- Caverns, shafts



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<https://impenia.com/en/references/detail/ref/slussen-sn91/>

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