

Altona Noise Barrier Tunnel, A 7



SHORT DESCRIPTION

The Altona Noise Barrier Tunnel is part of the A7 highway expansion project in Hamburg and is designed to reduce traffic noise for the adjacent residential areas. With a length of approximately 2.23 km, it is one of the largest noise barrier projects in Germany.

THE PROJECT

The Altona Noise Barrier Tunnel was constructed as part of the eight-lane expansion of the A7 north of the Hamburg Elbe Tunnel.

The structure, approximately 2.23 km long, improves noise protection for the Othmarschen and Bahrenfeld neighborhoods and reconnects previously separated areas. Green spaces, parks, and community gardens are being created above the tunnel, enhancing the quality of life in the surrounding area.

The project is part of the so-called “Hamburger Deckel” initiative and is one of the most significant infrastructure and urban development projects in Hamburg.

SERVICES IN DETAIL

- Prestressing Technology, Custom Designs:
 - Internal strand tensioning method with subsequent bonding

FACTS

Location	Hamburg-Othmarschen/Volkspark , Altona , Germany
Status	Under construction
Construction volume (value of our services)	5.508 M CHF
Start of construction	January 2021
Completion	December 2026
Building owner	DEGES im Auftrag der Autobahn GmbH
Contracting entity	ARGE Altona Hochtief / Implenia



<https://www.bbv-systems.com/en/projects/detail/ref/laerschutzstunnel-altona-a-7/>

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