Bridge Lilla Lidingö









SHORT DESCRIPTION

With a length of 730 m, the new "Lilla Lidingö" bridge will be one of the longest bridges in Sweden. The bridge crosses the Lilla Värtan strait near Stockholm and is being built for pedestrians, cyclists and streetcars.

THE PROJECT

The new bridge will cross the Lilla Värtan between Lidingö and Stockholm and will be one of the longest railroad bridges in Sweden with a length of just over 750 meters, 16 bridge piers and 15 spans. The width of the bridge will be around 16 meters, with 7.4 meters reserved for pedestrian, bicycle and moped traffic and 8 meters for streetcar traffic. It is a prestressed concrete bridge with foundations for the bridge supports in the water, which represents a technical challenge. The bridge is designed to be accessible and attractive for all social groups. It is designed for a tripling of pedestrian and bicycle traffic and offers excellent views.

BBV Systems began the post-tensioning work on the bridge superstructure in mid-2020 and completed it at the end of 2022.

The strand post-tensioning method was used, both in the form of internal tendons with subsequent bonding and in the

form of external tendons.

FURTHER INFORMATION

Click here for the movie about the Lilla Lidingö Bridge in Stockholm

The bridge's footpath and cycle path were officially opened in October 2022

Film about the construction site

FACTS

Location	Islinge hamnväg 17 , Lidingö , Sweden
Status	completed
Construction volume (value of our services)	1 M EUR
Start of construction	April 2020
Completion	December 2023
Building owner	Lidingö Stad
Contracting entity	Implenia Sverige AB
Planning	ELU

SERVICES

Post-tensioning system

Bridge construction