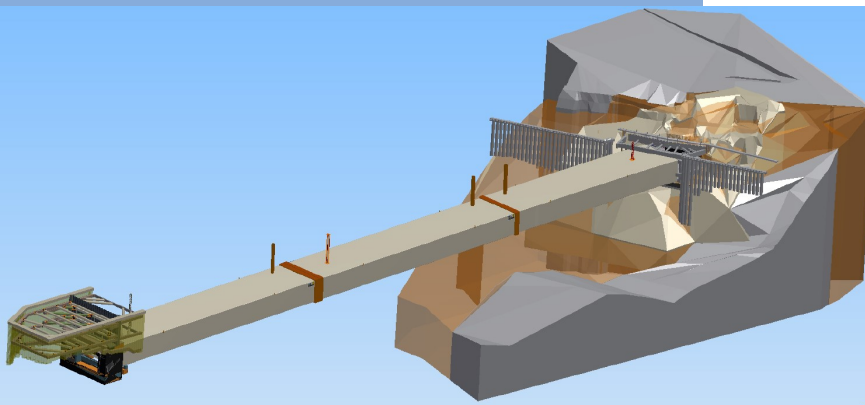


Field of expertise: Immersed tunnels & constructions

Client: JV Söderströmstunneln HB



Immersion Söderströmtunneln Stockholm

Project description

MH Poly has been involved as a consultant for the immersion system and has designed the immersion pontoons and warping/mooring spread as well as on site assistance in the preparation of the immersion.

Project activities

- ◆ Support and preparation of an immersion team on site;
- ◆ Completion and check on Design Basis for immersion;
- ◆ Completion and check on immersion related engineering items;
- ◆ Design and advise on the immersion survey system;
- ◆ Design and advise on winching and warping system;
- ◆ Advise and coaching in the drawing up the necessary method statements and checklists for execution;
- ◆ Active participation in the immersion team during immersion;
- ◆ On site engineering, advice and guidance of the works;
- ◆ Design and detailed design of specific immersion related items, such as immersion pontoons and corresponding frames;
- ◆ Detailed structural calculation reports with the following components: immersion pontoon, frames, brackets, winched, welds, bolts;
- ◆ Detailed design on fixing points on Combi floats, crossbeam construction, support frames, winch frames, mooring, warping, fairleads, control system (incl. load cells), deck layout and containers;
- ◆ Shop drawings Autocad / Inventor.