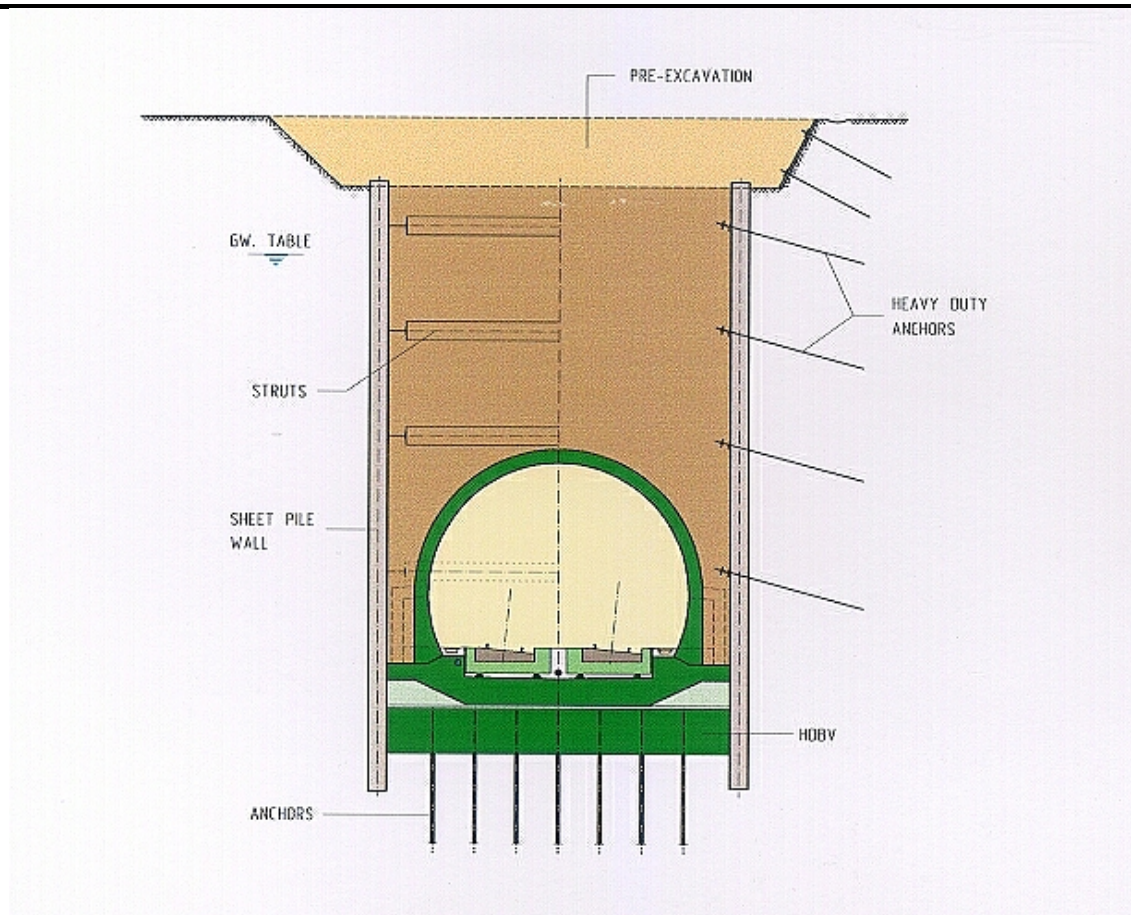


Project	Brenner Railway Line – Northern Link
Client	Brenner Railway Limited (BEG)
Consulting Services	1998-2008 preliminary design, design for general project approval, tender documents, detailed design
Total Cost	US \$ 184.8 million
Technical Data	2 cut-and-cover tunnel variants: A 4,134 m B 1,614 m



Description

The section 'Fritzens-Baumkirchen' as a part of the Northern Link for the Brenner Railway Line will be routed underground. The cut-and-cover tunnels are located below the groundwater table in gravel layers of the river 'Inn' and in sedimentary deposits. Water-tight temporary base and sheet-piles are foreseen in order to secure the construction pit by high groundwater table.

Design for general project approval and tender documents have been made for 2 different variants:

A length 1,614 m
B length 4,134 m

Application design currently is under performance for variant **A**.