

Project	New Highspeed Railway Hannover – Würzburg
Client	German Federal Railway Dept.
Consulting services	1980-1985 Consulting and Check Engineer
Total cost	US\$ 144 Mio.
Technical data	22.000 m rock tunnel, 130 m ² excavation area



Description	Consulting and Check Engineer for the following tunnels:			
	Hartberg:	690 m	Hohe Warte:	849 m
	Kalbach:	1160 m	Espenlohe:	2213 m
	Landrücken-Mitte:	4472 m	Eichelberg:	1850 m
	Landrücken-Süd:	2895 m	Neuberg:	1934 m
	Landrücken-Fensterstollen:	615 m	Roßberg:	2167 m
	Schwarzenfels:	2120 m	Steinberg:	578 m
	Hanfgarten:	376 m		
	Construction Method: NATM			