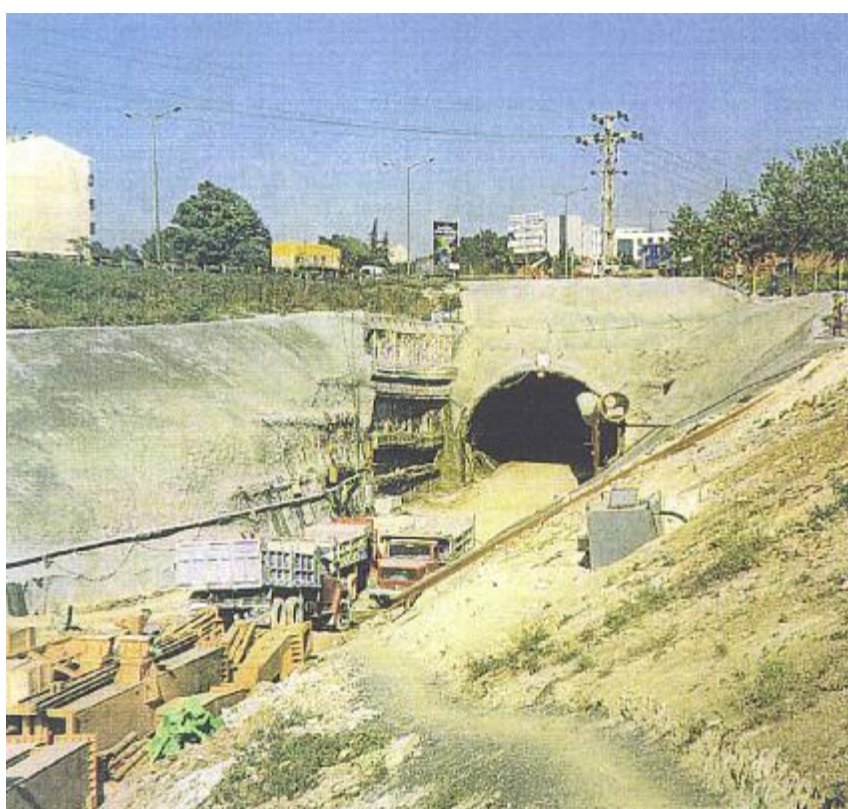


Project	LRT – Istanbul / TURKEY
Client	Joint Venture ABB + Yapı Merkezi
Consulting services	1986-1989 Design and consulting
Total cost	US\$ 25 Mio.
Technical data	Light rail tunnel with two lanes Total length: 1.350 m Cross section: 71 m ²



Description	<p>Twice surpassing of the most frequented motorway in Istanbul with an overburden of 15 m and 6 m. Surpassing of a bridge foundation with 12 m overburden.</p> <p>40 % of tunnel excavation in weak limestone, 60 % in water saturated soft clays.</p>
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