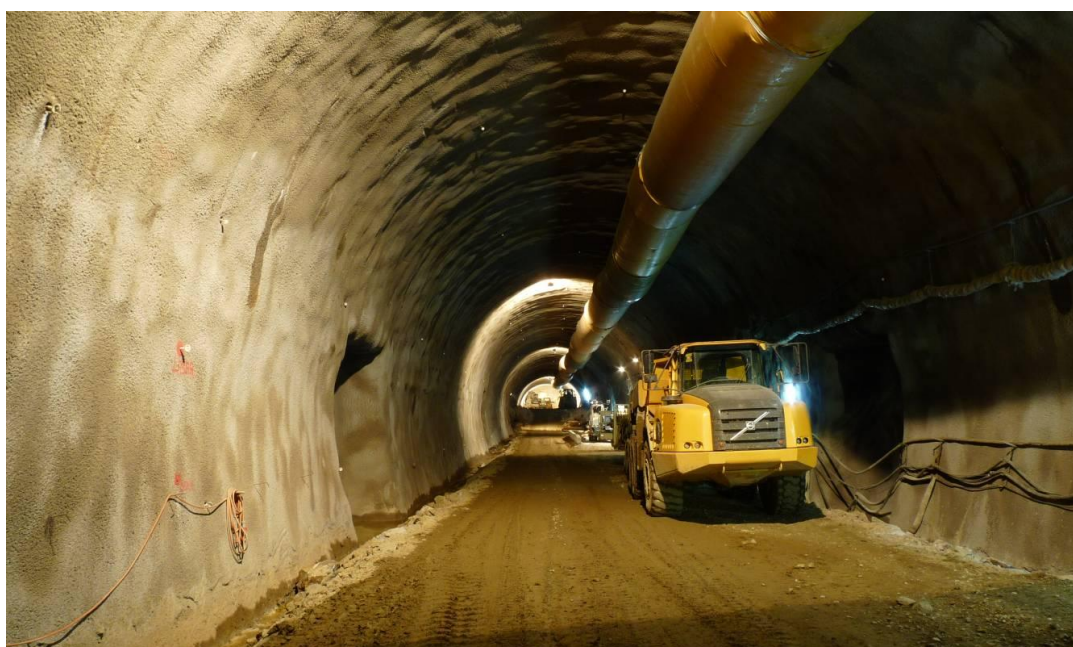


<b>Project</b>	<b>Tunnel Burgstall</b> <b>Railway line Ybbs – Amstetten</b> <b>Section Hubertendorf - Blindenmarkt</b>
<b>Client</b>	Austrian Federal Railway
<b>Consulting services</b>	2009 – 2010 Site supervision
<b>Total cost</b>	US\$ 11,8 Mio. approx.
<b>Technical data</b>	Total length: 380m mined tunnel, cross section 110 m <sup>2</sup> 190m cut and cover incl. tank



<b>Description</b>	<p>The tunnel Burgstall, as the main part of this section, is closing the gap on the railway line Ybbs – Amstetten. With this, the West Link Railway System will be completed with four tracks on nearly the whole line between Vienna and Linz. The new alignment allows speed up to 250km/h. The mined part of the tunnel will achieve a length of 380m applying NATM. The following 190m until the west portal area will be built in cut and cover using a water-tight lining (“white tank”). The excavation runs mainly in crystalline rock (gneiss) of different decomposition.</p> <p>A 50m long fault with quarternary filling will be drilled, this necessitates important mesures both on water drainage from above ground and reinforced lining. The overburden varies from 6m to 20m.</p>
--------------------	--