

Something Old and Something New

HOBAS® SewerLine® Pipes Modernize Ljubljana, SI

The construction of the railway track from Vienna, Austria, to the port of Trieste at the Adriatic Coast in Italy began during the Austro-Hungarian Monarchy. The train route passes Ljubljana which today is Slovenia's capital. The railway station in Ljubljana was built in 1849 and is part of an infrastructure that at the time was very modern. It has in fact functionally stayed the same until today. The transportation of goods and the passenger traffic have, however, drastically increased. This led the municipality to modernize and extend the given structures. The construction of the "New Logistics Center Ljubljana", for instance, has already been initiated and further changes shall positively affect the development of the city.

Due to the worldwide crisis, modernization and extension projects were taken step for step. The erection of a business center situated nearby the railway station was initiated first. The basement of the planned skyscraper lies 20 m beneath the ground providing room for three floors of parking lots. Since an old concrete sewer pipeline established in the 1950s ran right through the construction site, the engineers decided to construct a bypass that would run around the planned building in approximately 40 m distance. HOBAS Pipes DN 2200 and DN 2400, PN 1, SN 10000 as well as several bends were chosen for this purpose.

Since the building site had already been excavated, the client attached great importance to the prompt delivery of the pipes. 36 m of pipes per day were delivered by truck. Their installation proceeded swiftly and trouble-free so that the whole line made up of 270 m could be completed within 23 working days.

Further 3 km of HOBAS CC-GRP SewerLine Pipes DN 1200, PN 1, SN 10000 were delivered to the south of Ljubljana, where a new waste water treatment plant was erected. The construction works for this pipe project that was implemented at the same time as the pipeline at the business center were completed within 9 months. To the satisfaction of the client HOBAS Experts offered practical support during the whole installation procedure. "Our client was very happy with our prompt deliveries and the outstanding quality of HOBAS Products", states Ernest Skok, Sales Representative at HOBAS Slovenia.

Fmd: ernest.skok@hobas.com

Year of Construction

2008 - 2009

Total Length of Pipeline

3.275 m

Diameter

DN 1200 - 2400

Pressure Class

PN 1

Stiffness Class

SN 10000

Installation Method

open cut

Application

SewerLine®

Client

VOKA Ljubljana

Contractor

**Regeneracija,
Hidrotehnik and
Kraski Zidar**

Advantages

**Absolute leak tightness,
corrosion resistance,
light weight, prompt
deliveries, fast
installation**

