

Jacking Beneath Railway and Street Croatia's Most Challenging Project Realized with HOBAS® Pipes

Slavonia is a region in eastern Croatia and known as the country's bread-basket. To ensure a successful harvest, a reliable irrigation system is necessary – and this is why 513 m HOBAS Pipes D_e 2047 have been jacked as part of a large-scale irrigation project.

Croatia's so far most challenging jacking project realized with HOBAS Pipes by the construction company and jacking expert Aquaterm passes beneath a highway and a railroad line. Three parallel sections were drilled as planned in order to align the jacking pipes accurately. Heavy rain and snowfall during the construction works posed a challenge to both the workers and the equipment, but not to HOBAS Pipes, which can be laid regardless of weather conditions. The project attracted strong interest from the entire Alps-Adriatic region: Design, construction, and financial experts from Croatia, Bosnia, Serbia, and Slovenia visited the site and were introduced to jacking technologies.

The investor is more than satisfied with the unique characteristics of HOBAS Products and the quick installation – as a matter of fact, he is using HOBAS Pipes of the same diameter in a follow-up order for another irrigation project.

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Year of construction	Application
2011	Irrigation pipeline
Construction time	Investor
3 months	Hrvatske Vode
Total length of pipe	Designer
513 m	Institut IGD d.d.,
Diameter	Kršimir Galić d.i.g.
D_e 2047,	Contractor
pipe wall thickness 65 mm	Aquaterm d.o.o. Karlovac
Pressure class	Advantages
PN 1	Short installation time,
Stiffness class	low weight, abrasion
SN 32000	resistance, low life cycle
	costs

