

single D_e 1219 mm HOBAS Portion. Flanges and a wye permitted assembly to two valves and a lateral. Accurate detailing and fabrication of the various fittings facilitated an easy, precision “fit-up” in these complex areas. The completed system easily passed the installed field hydrotest with no leaks or breaks in any of the pipes or gasket-sealed joints. The project proceeded so trouble free that it was completed four months ahead of schedule and under budget.

Despite the presence of a local concrete pipe producer, HOBAS has been supplying pipe manufactured in Houston, Texas, to the Hawaii islands for 12 years. The warm islands of Hawaii undoubtedly have some of the worst sewer environments known. The corrosion resistance along with the pipe’s leak-free joints is helping keeping Hawaiian beaches clean. Further reasons for the wide use and acceptance in Hawaii are the durability of the pipe, not only in final use but also during shipping and handling. With an aging sewer infrastructure, Honolulu has planned more applications for HOBAS Pipes including sliplining, rehabilitation and microtunneling installations.

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Central Bohemian Region Is Ready for the Future – Reconstruction and Extension of the Sewer Network Beroun, CZ

The royal town Beroun with its approximately 18,000 inhabitants is located near Prague and on the motorway that connects the capital with Germany. 2004 Beroun received 8 million Euros from the European Cohesion fund to cover 65% of the long-term reconstruction project, which had become immanent.

Initiated in 2005, the project involved the installation of no less than 16 km sewer pipe. Two years later, in 2007, the project was finalized and the towns Králův Dvůr and Zahořany were connected to the local network. Regarding environmental issues was part of the plan. Waste water treatment plants were therefore established in Beroun and Králův Dvůr to which the newly established sewer networks now link.

HOBAS® CC-GRP SewerLine® Pipes were utilized for the larger diameter pipelines DN 500 to 1400. A total of 8.5 km gravity pipes (PN 1) with a stiffness of SN 10000 were installed by open trench. HOBAS Czech Republic delivered a part of the pipes that are produced at 6 m standard length at 3 m lengths to facilitate the installation in the partly very deep and narrow trenches. Various HOBAS Fittings, Elbows and Shafts completed the provided system.

The company Skaska that headed the construction consortium drew from their experience in coordinating pipe orders with their simultaneous installation by numerous companies. Thanks to the good organization and the parallel construction on several sites, on time pipe deliveries and the supervision and advice by HOBAS Experts, this major sewer reconstruction and extension project was finalized smoothly and to everybody’s contentment.

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Year of Construction
2005 - 2007
Total Length of Pipe
8.5 km
Pipe Specifies
PN 1, SN 10000
DN 500 - 1400
Installation Method
open trench
Application
SewerLine®
Client
Beroun Town
Constructor
Skanska & Consortium
Advantages
Corrosion resistance, availability of pipe lengths other than standard 6 m, light weight, relatively small site area space required