

Network Rail, Balfour Beatty, Abbey Wood Bristol.

The SmartDitch Trapezoidal Ditch Liner System is a virtually leak-free channel lining system engineered to control and direct the flow of water or critical fluids. Made from proven UV resistant HDPE, SmartDitch's unique corrugated design helps regulate the flow of water from flat to steep grades so that the drainage and flow patterns designed are maintained. SmartDitch Trapezoidal sections are light weight and come in lengths that make it easy to handle and install.

In May 2016, Network Rail commissioned Balfour Beatty to use SmartDitch to line an existing unlined water carrier ditch. The existing ditch allowed water to leak onto the tracks and was causing bank stabilisation issues

This project was scheduled to take four weeks and was completed in two. The speed of installation and the reduction in time and materials is another key feature of SmartDitch.

