

**SCHEME****Baildon Roundabout, Baildon, Bradford, Yorkshire****CLIENT****Mott McDonald Bentley****CONSULTANT****Mott McDonald****CONTRACTOR****J N Bentley****PIPE APPLICATION****2m diameter Combined Sewer Overflow (CSO) chamber**

## Ideal solution for Baildon Towngate Roundabout



Following its successful trial in Wales, a LiteSpeed CSO was installed at the end of February 2005 at the Baildon roundabout in Bradford. The 4 tonne chamber comprised of a mechanical screen to hold back sewage-related debris to help prevent it from being released into local watercourses.

On-site construction involving steel and concrete would have required weeks of additional time according to Simon Reynoldson, Yorkshire Water. "This new way of installing CSOs proved ideal for Baildon. The Towngate roundabout, where the chamber had to be fitted is fairly small, thus proving difficult to work in the confined area for such a long period of time without causing major disruptions."

"Baildon was the first to benefit from the new programme in this area and we hope that we will be able to offer this kind of service to everyone in Yorkshire in time."

The use of LiteSpeed ensured that traffic disturbances were kept to a bare minimum, and the overall development provided greater environmental benefits with workers able complete the project more effectively.

The CSO chamber was in working order by March 2005 and the total reconstruction of the roundabout was completed in April, a month ahead of schedule.

## THE ESSENTIAL SOLUTION FOR PIPE USERS NATIONWIDE

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