

SCHEME**Skipton Road, Harrogate, Yorkshire****CLIENT****Mott McDonald Bentley****CONSULTANT****Mott McDonald Bentley****CONTRACTOR****Mott McDonald Bentley****PIPE APPLICATION****2.5m diameter Combined Sewer Overflow (CSO) chamber**

LiteSpeed reduces labour on Skipton Road



Prefabricated LiteSpeed proved to be the ideal solution beneath Harrogate's Skipton Road.

Skipton Road is one of the main access roads in and out of Harrogate, with up to 20,000 vehicles travelling along it each day. Consequently, this scheme required careful planning to minimise road closures and general disruption to the local community.

Work began in September 2004 to install new pipework and prevent the previous problem of sewer flooding affecting a number of nearby properties. New equipment to improve the quality of water discharged from sewers into the local watercourses was also installed by contractors Mott McDonald Bentley, in order to meet new European directives. Whilst traffic flow was restricted, temporary lights were avoided and severe delays were rare.

According to project leader Dominic Hurd, the use of LiteSpeed reduced installation time dramatically, "The existing sewer was located in the middle of the road, making it virtually impossible to upgrade. An agreement with Jewson's building merchants was formed, who allowed the new CSO to be installed beneath their company's car park rather than under Skipton Road itself. This reduced construction time by half."

"Innovation of this kind helps to complete the necessary sewer rebuilds and upgrade works within a matter of weeks, rather than months." added Mr Hurd.

Work started in May 2005 with the CSO itself being installed within less than two hours. The whole project was completed in June 2005, placing the overall time-scale at just six weeks.

THE ESSENTIAL SOLUTION FOR PIPE USERS NATIONWIDE

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