

# LITTLE SYDENHAM FARM BRIDGE BRIDGWATER, UK

**CCL Client:** Balfour Beatty

**Main Contractor:** Balfour Beatty

**Project Date:** 2015



CCL's main objectives were to design bespoke bridge bearings to fit within restricted spatial requirements, as well as meeting a tight delivery schedule. The project involved the construction of a road bridge over a mainline railway, allowing a newly constructed residential area to be connected with Bridgwater via Bristol Road.

CCL designed and manufactured bespoke bearings to fit within the tight space and which can be adapted to changing design requirements. The company's manufacturing schedule was specially adapted in order to meet the short delivery timescales which the project required.

Bearings supplied included several different free-sliding, guided and fixed pot bearings.

A particularly challenging element was designing uplift bearings which would allow free movement and withstand forces of around 400 kN both downwards and upwards. CCL also made adaptations to paint specifications, in order to meet the client's exact requirements.

To ensure the bearings were operating correctly, CCL was recently commissioned to carry out a full inspection survey in February 2016.

Structural Bearings - CCL (GB) Ltd.

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