



**Client:**

Duckcote Lane Footbridge

**Location:**

Bramley, Leeds

## Summary

LBE1/19A is a single span simply supported footbridge carrying a footpath over the Leeds Bradford railway, contracted to CML for re-construction.

### Project Overview

LBE1/19A is a single span simply supported footbridge carrying a footpath over the Up and Down Mains of the Leeds – Bradford Lines. The bridge is located approximately 500 metres East of the Bramley station, accessed via 2 footpaths from the North and South. It provides important access to Bramley Station for local residents.

Once temporary diversions were in place, the in-house CML team took on the demolition work to remove the over-burden from the structure, and prepare the deck ready to be cut and removed during night time possession works.

#### Scope of work

- Install diversionary route for cyclists/pedestrians
- Removal of the Bridge deck Infill
- Temporary diversion (via UTX) of the existing BT cables running across the bridge
- Dismantling of the Bridge Deck, and removal off site
- Prepare existing abutments, Install new Cill units
- Install new 'Bridge Deck' unit
- Install deck drainage and outfall / down pipes
- Re-grade footpath approaches



## Successes

- Good relationship with local residents, kept informed throughout the project
- Good working relationship with BT to facilitate the cable diversion on programme
- All demolition works were successfully completed using in-house resources, with specialist works being undertaken by Baldwin Cranes and Carver Engineering to complete the removal of the old structure and installation of the new bridge.
- 2 new Cill Beams and the new bridge unit all completed within a single 7hr Possession
- Good feedback from the Client team (Network Rail) who were in attendance during the dismantling & installation possessions