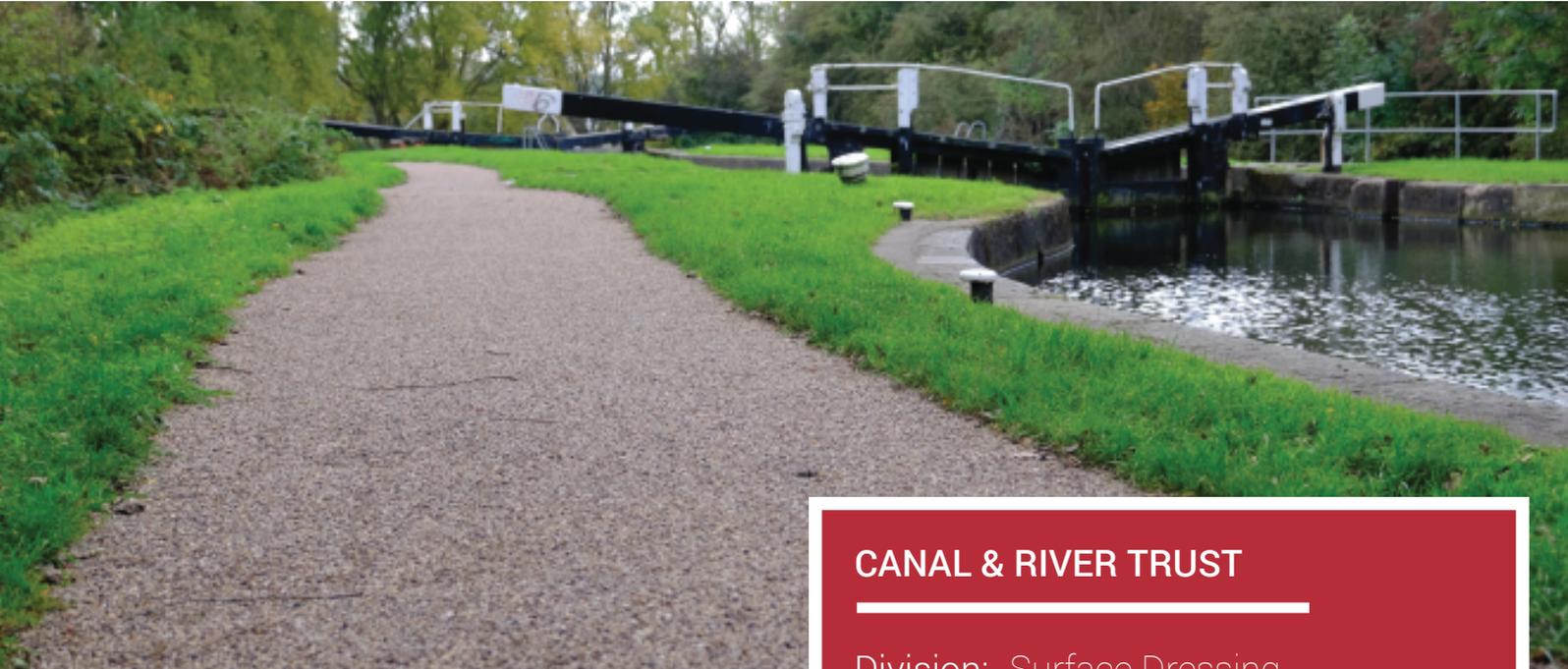


# CASE STUDY

## Tar & Chip Surfacing - Canal Towpath



### The Project

Surface Dressing works were required to improve the towpath between Potters Lock and Awsworth Road Bridge.

The aim of the project was to give local people a clean, green route to Ilkeston's shops, businesses and the town's new railway station. The project forms part of the Ilkeston Gateway, a programme of connecting infrastructure improvements allowing access between the railway station, local communities and Ilkeston Town Centre.

### The Solution

We installed a single dressing of polymer modified bitumen dressed with a 3-6mm double washed Trent Pea Gravel to 4000m<sup>2</sup>. The substrate we applied our surfacing on to was a new asphalt surface - 14mm asphalt binder course. The spread-rates for our surfacing were made up through a design working in accordance and guidance from Road Note 39. The binder course was open textured and very porous so we advised our client that a cement sealer coat would be applied to the binder course prior to spraying the bitumen, this solution is designed to seal the voids in the tarmac and prevent bitumen loss. The duration of works were 8 days in total.

The logistics when working on towpaths make planning and programming difficult, the normal procedure is to access site via boats so careful consideration needs to be taken into account when transporting materials and plant to the site locations along with assisting with the general public and avoiding disruption to pedestrians and cyclists.

### CANAL & RIVER TRUST

Division: Surface Dressing

Client: Kier / CPC Civils for CRT

Date: 05/2017

### Products:

Double Washed 3-6mm Trent Pea Gravel  
Polymer Bitumen Emulsion  
10mm Close Graded Dense Bit DBBC

### The Benefits

The improvement works have strengthened the canal bank and seen a new wider, smoother path that will be more accessible for walkers, cyclists, boaters and people with wheelchairs or buggies.

Lucie Hoelmer, Enterprise Manager for the Canal & River Trust said; "The new path is looking fantastic and we've already had lots of really positive comments from people that have used it.

"It's a lovely route, providing a green, traffic-free escape in even the most urban of areas and the new towpath surface will make it a lot more enjoyable for local people.

"These improvements mean that people can get out and explore the wonderful wildlife and amazing history along their local towpath without getting their feet wet."

The new path was officially opened by Deputy Leader of Derbyshire County Council, Councillor Paul Smith, MP for Erewash, Maggie Throup and representatives of the Trust and cycling charity Sustrans.



killingley

# CASE STUDY



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