



## ***CASE STUDY:*** **Working In The 'Wet & Wild'**



## Project: The Valley Of Stone

Provision of porous, flexible surfacing with no edge restraint

**Client: Lancashire County Council**

**Procurement: Open Tender**

**Location: Bacup, Lancashire**

**Date Undertaken: 2017**

### PROJECT OUTLINE:

This project required the construction of a shared usage bridleway using our 'nu-flex' recycled, porous surfacing process, including the provision of all associated civils work, and was designed to eliminate the need for any form of kerbing/edge restraint.

This scheme has seen the transformation of what was a disused Victorian railway line through a river valley into a shared usage bridleway. This has been delivered in extremely challenging circumstances where significant environmental, ecological, engineering and operational challenges were overcome. We believe this project, delivered by our talented technical and operational teams, is an outstanding asset and we were delighted to present it to Lancashire County Council and to those who will use it for many years to come.



*Nu-phalt Contracting construct a shared usage bridleway with 'nu-flex' recycled, porous surfacing in the wet and wild at Britannia Greenway, Lancashire.*

### PROJECT CHALLENGES:

**Environmental** – Protection of the environment from possible spillages of binder and materials during the mixing process. Management against the spread of invasive plant species. Working in extreme conditions.

**Ecological** – The bridleway was known to be a home for nesting birds, amphibians, and other animals. Our staff worked in close co-ordination with the client's ecologist.

**Engineering** – Severe flooding from moorlands and compounded by adjacent water courses. Required specific engineering design solutions to ensure the route remains operational in extreme weather conditions.

**Operational** – The presence of adjacent watercourses made laying difficult. Access was restricted and operations could only be fed from one end at a time.



### The Client:

*'Working with Nuphalt has been a great experience from our point of view. The finished product is excellent with the nu-flex material attracting positive comments from a wide range of users. The sites we have had Nuphalt working on this year have been very challenging from a drainage and access point of view, we have also had some appalling weather too. Nuphalt have handled all of this in a very professional and competent manner. All of their staff had a very 'can do' attitude and any unexpected items were tackled with a minimum of fuss or disruption.'*

*Tony Lund, Senior Environmental Project Officer*



## PROJECT OUTCOMES:

The finished project has attracted large numbers of positive comments from professional engineers to many user groups including; SusTrans, visiting clients, British Horse Society, ramblers, cyclists and other general users.



## BENEFITS:

The asset manager and end-users alike have welcomed a number of benefits including;

- Well drained surface due to porosity of the material
- Resistance to slipping due to the type of materials used
- Significant reduction in the effects of ice and snow
- Surface is excellent for horse riders and cyclists
- Innovative recycled material

## Contact us

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