



Sustainable Porous Paving Solutions

# FOLLEY LANE TRANS PENNINE TRAIL



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The Folly Lane stretch of the Trans Pennine Trail was an unused bridleway that formed part of the trail that runs through South Yorkshire. The steep inclines and surface erosion had left the path unsuitable for horses and walkers due to the unstable nature of the ground.

In conjunction with Yorkshire Water, The Trans Pennine Trail team appointed KBI to regenerate the Folly Lane stretch using our KBI Flexipave material in order to make the path accessible for horse riders, and also to improve the overall access for pedestrians and cyclists.



In order to ensure that the porosity of KBI Flexipave could be exploited, the sections of the path that ran over steep inclines involved baffles being dug in to the ground prior to the material being laid. The baffles helped to slow down the natural desire of rainwater to run down the slope, promoting a more even distribution of rainwater directly in to the ground beneath the surface. The baffles also act as a break to minimise the migration of the stone sub-base beneath the path, ensuring a more stable overall surface.





Having widened the existing path, baffles were dug in to the steeper inclines to allow water to effectively recharge back into the ground after penetrating through the KBI Flexipave. The baffles (circled) also reduce the migration of the stone used within the sub-base, helping to ensure a stable path.

Once dug, each baffle was filled with KBI Flexipave, eliminating the possibility of the channel becoming clogged whilst still allowing the free movement of water. The vertical sections of Flexipave then bonded with the finished top surface, locking the path into the ground.



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Mandy Loach, Trans Pennine Trail Officer and Sarah Ford, Public Rights of Way Officer for Barnsley Council, jointly offered their thoughts on the project:

*"The resurfacing work we've done is part of a longer-term strategy to raise the standard of the TPT. We've found that the KBI Flexipave material fits the criteria perfectly in terms of how we wanted the TPT to look and behave. Parts of the trail here in south Yorkshire had always suffered from drainage problems. Whenever we experienced heavy rainfall, parts of the trail would become virtually unusable. Standing water was an issue, and recent wet summers had caused sections of pathway to erode.*

*The project has been a huge success. The sections that have been re-laid look fantastic and the product has worked in exactly the way we had hoped. Standing water problems have been solved and the surface has made the sections more accessible to a wider range of users. We've also seen a big rise in the amount of people using the trail. It's also pleasing to know that the new pathways are made using over 10,000 used car tyres, making this one of the greenest projects we've undertaken."*

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