



Raingardens Northwest offers an alternative option to traditional paving materials for trails, sidewalks and footpaths.

Flexible Porous Paving is a strong, durable, cost effective porous paving system made from recycled car tires and crushed rock aggregate held together with a urethane binder.

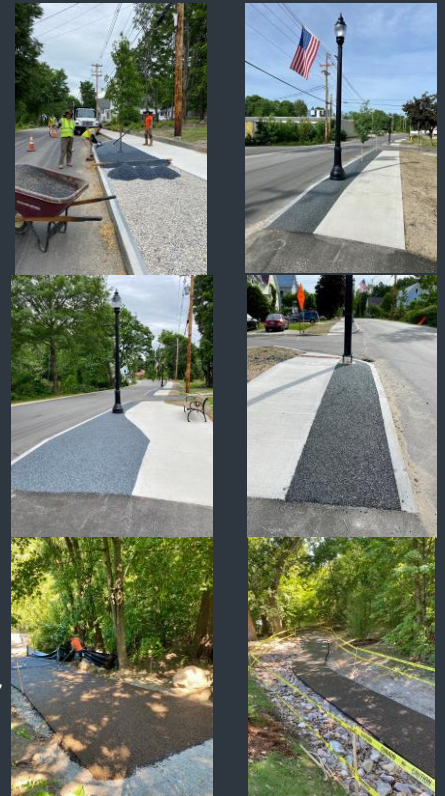
It is an advanced sustainable paving system that reduces maintenance, ponding, washout and liability risks. The high perk rate allows stormwater to rapidly infiltrate, recharging groundwater and benefitting the environment.

## Sustainable Porous Paving Solutions for Trails, Sidewalks, Footpaths and Walkways

**Problem** – Traditional paving materials such as asphalt, concrete, block pavers and brick used for pedestrian trails, sidewalks and footpaths are not typically porous and often lift, buckle and heave creating tripping hazards and a need for recurring maintenance.

**Solution** – Flexible Porous Paving is an ideal solution to this perennial problem. Firstly, the areas is prepped with a sub-base of 3-4" of crushed stone aggregate. Our skilled installation team then mix and install Flexible Porous Paving by hand to an average depth of 1½"-2" to match the existing finish grade.

**Result** – Flexible Porous Paving provides a durable surface that is comfortable to walk on and is more resistant to lifting and buckling when compared to traditional paving materials. The high perk rate allows water to infiltrate quickly into the ground reducing the risk of ponding on the surface. The high perk rate can also mean it is not always necessary to pave the entire surface with Flexible Porous Paving. Photos to the right show a "hybrid" paving project. To reduce costs Flexible Porous Paving was installed in a strip along the granite curb with traditional concrete to the rear.



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