



Raingardens Northwest offers municipalities, commercial developers and residential property owners a sustainable solution for tree wells.

Flexible Porous Paving is a strong, durable, cost effective system made from recycled car tires mixed with a crushed rock aggregate held together with a urethane binder. The product offers many advantages when compared to traditional cast iron tree grates, bricks, pavers or mulch.

It protects trees and reduces pedestrian tripping hazards while providing an optimal method for infiltrating and directing stormwater runoff to the tree roots and benefiting the environment.

Sustainable Porous Paving Solutions for your Next Streetscape Improvement Project

Problem – Over time tree grates lift and create trip hazards and they also collect trash. Trip hazards can also occur when concrete and bricks settle, lift and heave. Bark mulch in tree wells washes out, migrates, and needs to be frequently replenished increasing maintenance costs.

Solution – Remove tree grates, concrete, pavers and mulch and replace with Flexible Porous Paving. The tree wells are cleared, air spade if necessary, and prepped with a sub-base of 3-4" of crushed stone aggregate. Our skilled installation team mix and install the Flexible Porous Paving by hand to a depth of 1½" -2" to match the existing finish grade.

Result – Flexible Porous Paving has been successfully installed in many towns and cities across the country and it has become the preferred environmentally friendly solution for fixing tree wells and for many other applications such as sidewalks, trails, paths and streetscape improvement projects.

