

# Porous Paving

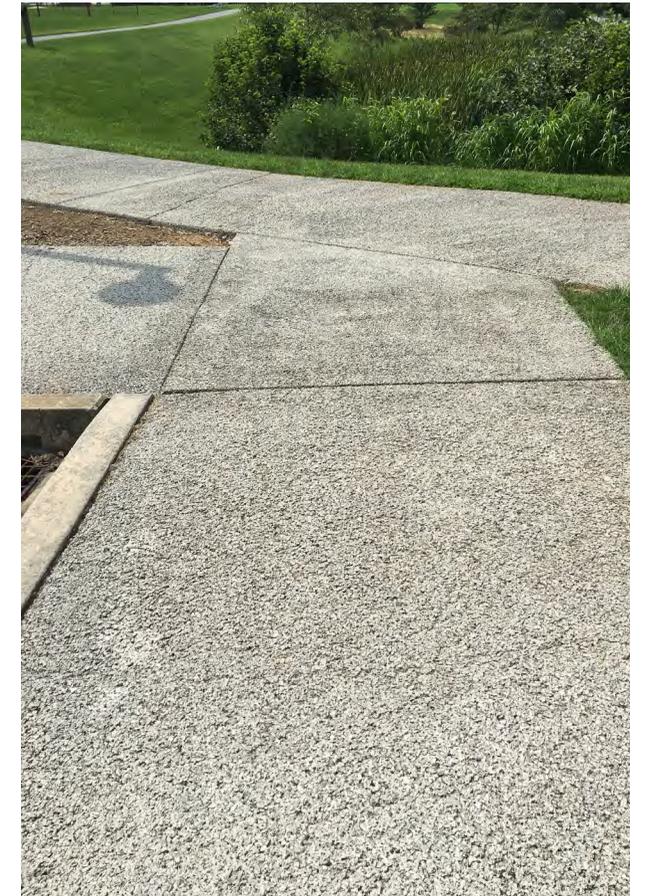
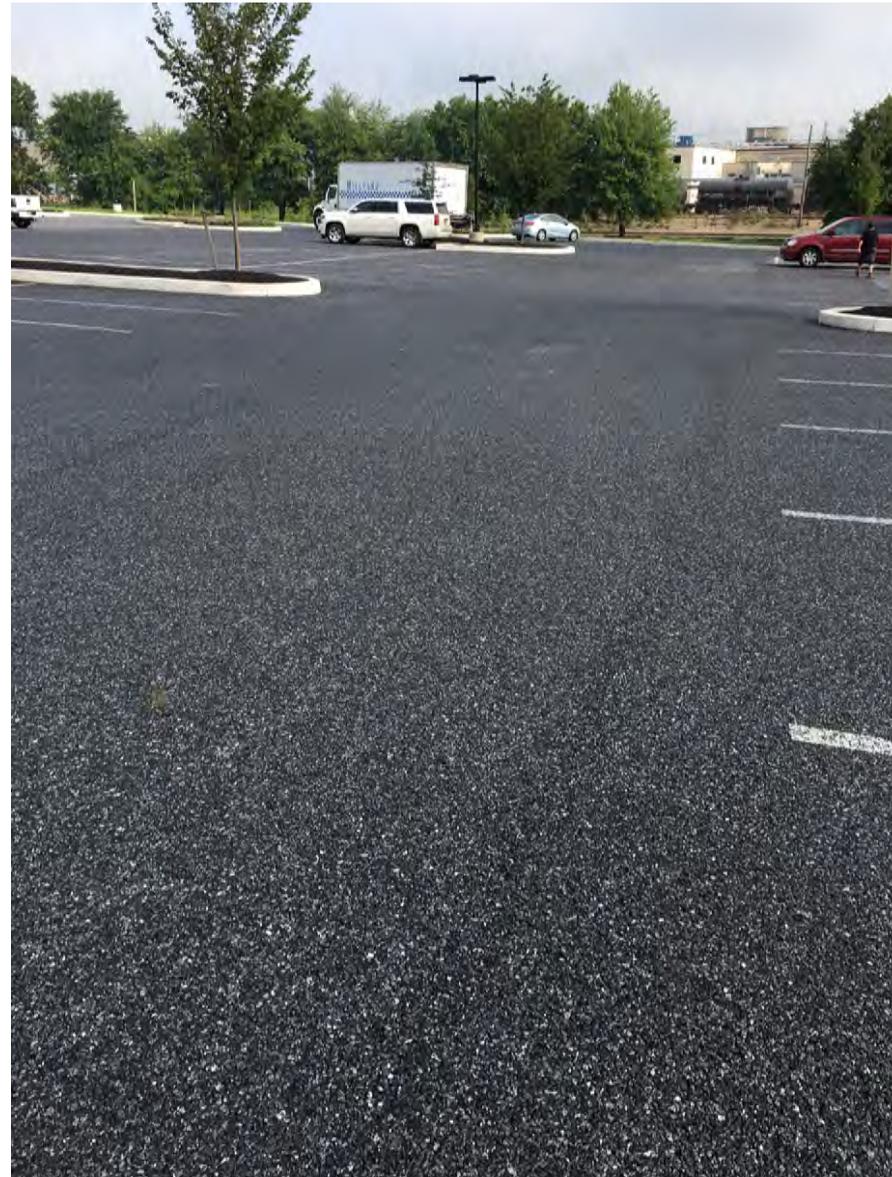
Porous pavement is a hard paved surface that resembles asphalt roads, driveways, etc. It is generally found in parking lots or driveways—generally areas with light vehicular traffic. Porous paving allows significant amounts of stormwater to infiltrate through the paving and into the ground.



Standard Asphalt

Porous Paving

You can generally tell the difference between porous paving and standard asphalt paving when the two types of pavement are immediately next to each other.



Asphalt-based porous paving is the most common type of porous paving. However, other types of aggregates from concrete to stone can be used for porous paving. No matter the aggregate type, all porous paving is designed to allow stormwater to infiltrate in lieu of running off into the storm sewer.

# Porous Paving Maintenance and Common Issues

Typical Maintenance Indicators	Typical Maintenance Actions
Accumulation of sediment, litter, or debris on surface of porous pavement, as applicable	Remove and properly dispose of accumulated materials. <b>Surface vacuuming should be conducted at least twice a year to allow the BMP to function as intended.</b>
Standing water in permeable paving area	Flush fine sediment from paving and subsurface gravel. Ensure that sediment is not washed off-site. <b>Surface vacuuming would be more ideal as power washing could clog the surface.</b>
Damage to permeable paving surface resulting in reduced storm water intake capacity	Repair or replace damaged surface as appropriate.

## What to Look For

Accumulation of Sediment, Litter, Grease, etc.

Standing Water

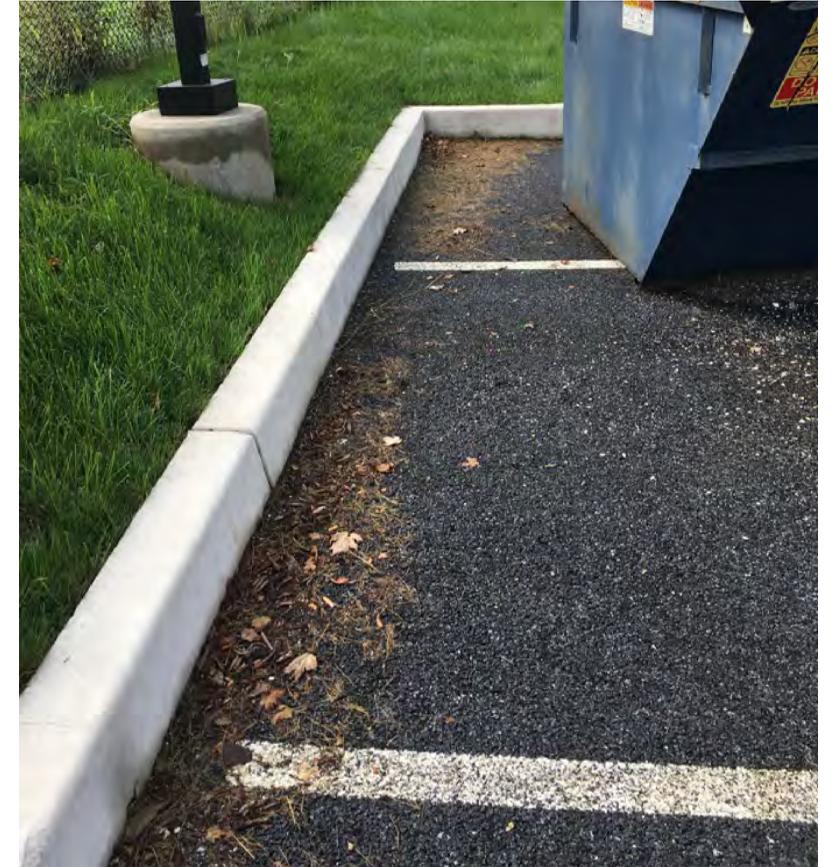
Structural Damage



Photo: pavementinteractive.org



Photo: ldaengineering.com



Built-up sediment, debris, etc. is a common problem with porous paving. Sediment tends to fill in and clog the pavement thus taking away the ability for the paving to allow stormwater to infiltrate. Dumpsters and landscaping materials (sand, mulch, dirt, etc.) should never be stored or located on porous pavement. Stored landscaping materials easily clog porous paving, and dumpsters can leak hazardous materials that infiltrate into the ground and affect the drinking water supply.