



Porous Asphalt Pavement

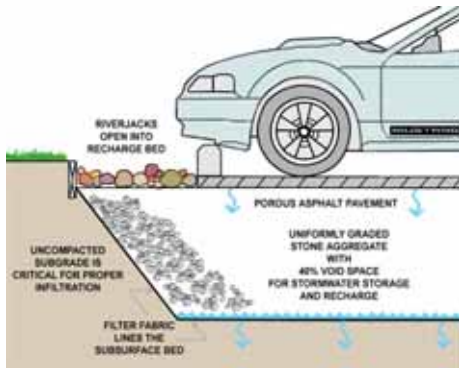
Porous Pavement is a bituminous (asphalt) paving mixture, which is unlike conventional asphalt. Water soaks directly through the surface. The moisture then percolates slowly through the stones into the ground, which filters out impurities before returning it to the water table.

Beneath the pavement is a crushed stone storage bed designed to receive all rainfall from the pavement as well as inflow from other impervious areas such as rooftops and driveways. The stone bed can serve as either a storage / infiltration structure, or a simple subsurface detention basin.



Non-Porous vs. Porous Asphalt

BENEFITS: Storm Water Management



- May eliminate need for a conventional retention basin and underground piping system.
- An environmental – friendly method of using storm water to recharge the ground water table.
- Reduces on-site storm water run-off in severity and volume.
- The pervious application is durable and well suited to northern climates.

NOTE: The concept of porous pavement is not applicable to all situations and only certain sites are suitable for infiltration.

IMPLEMENTATION

For recommendation of design and installation,
call Jay Miller, Paving Sales @ (717) 898-7651
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