Pervious Pavement

Reducing Runoff and Improving Water Quality

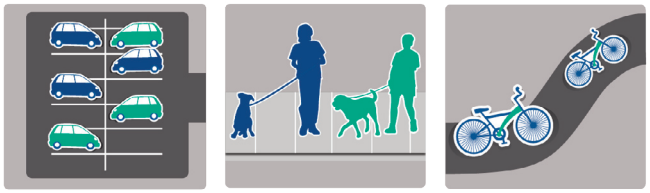
Pervious pavements provide a valuable stormwater management benefit to help offset the costs of constructing and maintaining traditional Stormwater Control Measures, like retention basins.

What are the benefits?

- **Reduces** stormwater **runoff** and **contamination**
- **Recharges groundwater** supplies
- **Helps water** and **air circulate** to root systems
- **Melts snow** and **ice faster** with less salt

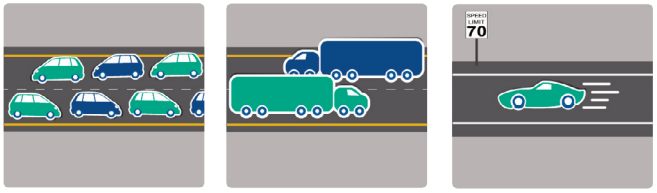
Effective Uses

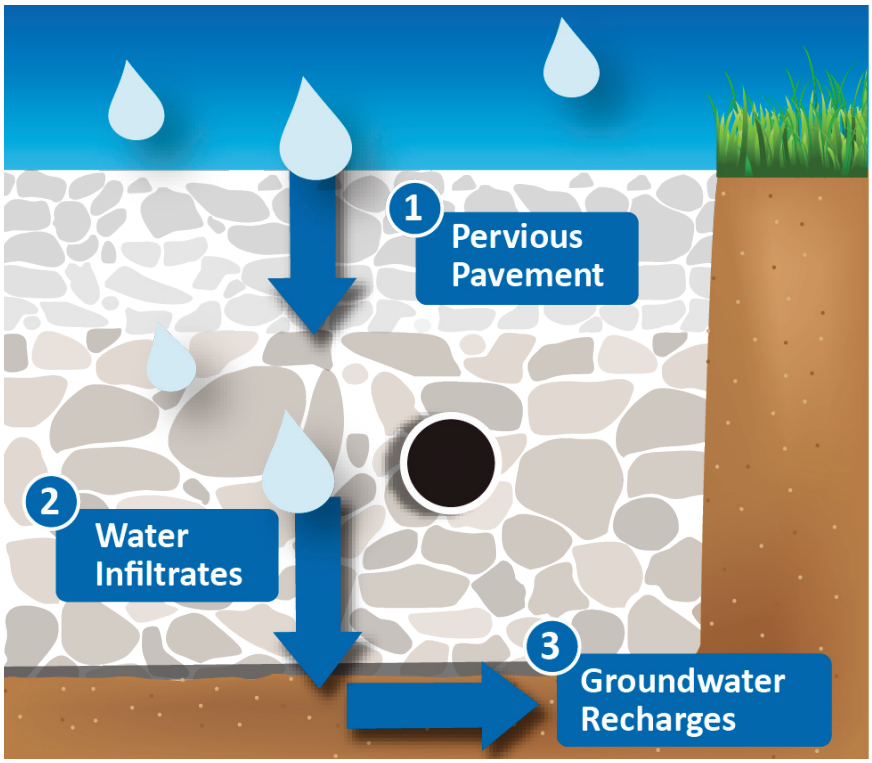
Low-volume park-and-rides, parking lots, sidewalks, bicycle and walking paths, and the center island of



Not Appropriate For

High-traffic areas, roads with heavy hauling, or high rates of speed.





How does it work?

Stormwater flows through the porous surface layer, filtering out many pollutants, before temporarily settling in an underlying stone reservoir to infiltrate into the ground. Pervious pavements are especially useful for locations such as parking lots, pull-offs or light vehicle access areas, sidewalks, and walking or biking trails.

How do I learn more?

To learn about the STIC, visit www.penndot.gov/stic or email penndotstic@pa.gov.