

“Depending on design, paving material, soil type and rainfall, permeable paving can infiltrate as much as 70% to 80% of annual rainfall.” 4 Combining permeable paving with other Low Impact Development (LID) strategies, such as vegetated swales, increases the overall effectiveness of permeable paving. According to Mark W. Clark and Glenn A. Acomb (Reference 5) the percent of rainfall converted to runoff volume for various pavement scenarios is:

- Asphalt with no swale--51%
- Asphalt with swale--34%
- Cement with swale--32%
- Permeable pavement with swale--10%

What materials/methods are used for permeable paving?

Porous asphalt is the same as regular asphalt except it is manufactured with the fine material omitted, leaving open spaces that allows water to filter through to a “recharge” or drainage bed.

