

Permeable Pavement Internet Information Links  
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**FACT SHEETS**

• **Porous Pavement (porous asphalt and pervious concrete)**

- \* Porous pavement fact sheet, by the Stormwater Management Center.  
[http://www.stormwatercenter.net/Assorted%20Fact%20Sheets/Tool6\\_Stormwater\\_Practices/Infiltration%20Practice/Porous%20Pavement.htm](http://www.stormwatercenter.net/Assorted%20Fact%20Sheets/Tool6_Stormwater_Practices/Infiltration%20Practice/Porous%20Pavement.htm)
- \* Porous pavement fact sheet, by EPA storm water technology.  
<http://www.epa.gov/owm/mtb/porouspa.pdf>
- \* Pervious pavements section of the Calif. BMP Handbook on Development, 2003, by CASQA (California Stormwater Quality Association).  
<http://www.cabmphandbooks.com/Documents/Development/SD-20.pdf>
- \* Pervious concrete pavements webpage, by the Concrete Network.  
<http://www.concretenetwork.com/pervious/>
- \* Pervious concrete information, by Pacific Southwest Concrete Alliance.  
[http://www.concreteresources.net/categories/5B4DDB89-ED2B-04C9-E0C067B3097192E8/pervious\\_concrete.htm](http://www.concreteresources.net/categories/5B4DDB89-ED2B-04C9-E0C067B3097192E8/pervious_concrete.htm)

• **Alternative Pavers (grids, blocks, reinforced grass, and other alternatives)**

- \* Alternative Pavers fact sheet, by Stormwater Management Center.  
[http://www.stormwatercenter.net/Assorted%20Fact%20Sheets/Tool4\\_Site\\_Design/AlternativePavers.htm](http://www.stormwatercenter.net/Assorted%20Fact%20Sheets/Tool4_Site_Design/AlternativePavers.htm)
- \* Block pavers website, by Univ. of Conn. NEMO (Nonpoint Education for Municipal Officials).  
[http://nemo.uconn.edu/tools/reducing\\_runoff/block\\_pavers.htm](http://nemo.uconn.edu/tools/reducing_runoff/block_pavers.htm)
- \* Permeable Pavements, section 6.1 in "Start at the Source" Design Guidance Manual for Stormwater Quality Protection" by BASMAA (Bay Area Stormwater Management Agencies Association).  
[http://www.scvurppp-w2k.com/pdfs/0203/c3\\_related\\_info/startatthesource/ch6\\_site\\_design\\_landscape\\_details.pdf](http://www.scvurppp-w2k.com/pdfs/0203/c3_related_info/startatthesource/ch6_site_design_landscape_details.pdf)
- \* Consumer guide to concrete pavers, by Interlocking Concrete Pavement Institute.  
<http://www.icpi.org/>
- \* *Watershed Benefits of Permeable Pavers*, by Center for Low Impact Development.  
[http://www.lid-stormwater.net/permeable\\_pavers/permpavers\\_benefits.htm](http://www.lid-stormwater.net/permeable_pavers/permpavers_benefits.htm)
- \* *Permeable Pavers Maintenance*, by Center for Low Impact Development.  
[http://www.lid-stormwater.net/permeable\\_pavers/permpavers\\_maintain.htm](http://www.lid-stormwater.net/permeable_pavers/permpavers_maintain.htm)

## ARTICLES

### • Porous Pavement

- \* ***Advances in Porous Pavement.*** Stormwater Journal (March/April 2005)  
[http://www.forester.net/sw\\_0503\\_advances.html](http://www.forester.net/sw_0503_advances.html)
- \* ***Porous Asphalt Pavement with Recharge Beds: 20 Years and Still Working.*** Stormwater Journal (May/June 2003)  
[http://www.forester.net/sw\\_0305\\_porous.html](http://www.forester.net/sw_0305_porous.html)
- \* ***Porous Pavement.*** Stormwater Journal (March/April 2001)  
[http://www.forester.net/sw\\_0103\\_porous.html](http://www.forester.net/sw_0103_porous.html)
- \* ***Villanova Urban Stormwater Partnership: Porous Concrete.*** Stormwater Journal (July-August 2004)  
[http://www.stormh2o.com/sw\\_0407\\_villanova.html](http://www.stormh2o.com/sw_0407_villanova.html)
- \* ***Lessons in Porous Concrete.*** Stormwater Journal (July-August 2005)  
[http://www.stormh2o.com/sw\\_0507\\_lessons.html](http://www.stormh2o.com/sw_0507_lessons.html)
- \* ***A Second Look at Porous Pavement/Underground Recharge.*** Center for Watershed Protection.  
<http://www.stormwatercenter.net/Practice/103-Porous%20Pavement.pdf>
- \* ***Porous Pavement: Pavement that Leaks.*** Commentary by Richard Miller, Lake Cochituate Watershed Assoc.  
<http://www.millermicro.com/porpave.html>
- \* ***Porous Pavement and Water Quality: Investigation of a Parking Lot and its Potential Impact on Subsurface Water.*** (Used porous asphalt). Univ. of Rhode Island (2006).  
[http://www.uritic.uri.edu/media/finalreportspdf/2003\\_000163.pdf](http://www.uritic.uri.edu/media/finalreportspdf/2003_000163.pdf)
- \* List of Pervious Concrete reference articles, by Portland Cement Association.  
<http://www.concretethinker.com/Papers.aspx?DocId=10>

### • Alternative Pavers

- \* ***Green Roads, Research into Pervious Pavement.*** Stormwater Journal (March/April 2002)  
[http://www.forester.net/sw\\_0203\\_green.html](http://www.forester.net/sw_0203_green.html)
- \* ***Project Profile: Permeable Pavement Offers Environmentally Friendly Option for Parking Lot.*** Stormwater Journal (Sept./Oct. 2001)  
[http://www.forester.net/sw\\_0109\\_profile\\_pavement.html](http://www.forester.net/sw_0109_profile_pavement.html)
- \* ***The Morton Arboretum's 'Green' Parking Lot: Demonstrating low-impact development BMPs in the Midwest.*** (Interlocking concrete pavers used). Stormwater Journal (November/December 2005).  
[http://www.forester.net/sw\\_0511\\_morton.html](http://www.forester.net/sw_0511_morton.html)
- \* ***Interlocking Concrete Pavement Magazine,*** by the Interlocking Concrete Pavement Institute.  
<http://www.icpi.org/industry/magazine.cfm>

## **DESIGN SPECIFICATIONS**

- \* ***Porous Pavement Phase I-- Design and Operational Criteria.*** (1980), by U.S. EPA.  
<http://www.epa.gov/ednrmrl/publications/reports/epa600280135/epa600280135.htm>
- \* General Permeable Paver Specifications, by Low Impact Development Center.  
[http://www.lid-stormwater.net/permeable\\_pavers/permpaver\\_specs.htm](http://www.lid-stormwater.net/permeable_pavers/permpaver_specs.htm)
- \* Design & specification information, by Concrete Alliance.  
[http://www.concreteresources.net/categories/5B4DDB89-ED2B-04C9-E0C067B3097192E8/pervious\\_concrete.htm](http://www.concreteresources.net/categories/5B4DDB89-ED2B-04C9-E0C067B3097192E8/pervious_concrete.htm)
- \* Design & specification information, by Interlocking Concrete Pavement Institute.  
[http://www.icpi.org/design/specs\\_details.cfm](http://www.icpi.org/design/specs_details.cfm)

## **DEMOS & STUDIES**

- \* ***University of Washington Permeable Pavement Demonstration Study--Background and First Year Result.***  
<http://depts.washington.edu/cuwrn/research/rc3.pdf>
- \* ***Long-Term Stormwater Quantity and Quality Performance of Permeable Pavement Systems.*** (Univ. of Washington Permeable Parking Lot Demo Project).  
<http://depts.washington.edu/cwrs/Research/Reports/permeableparking.pdf>
- \* List of pervious concrete pavement projects in California, by Concrete Resources.  
[http://www.concreteresources.net/images/graphics/Californian\\_Pervious\\_Projects.xls](http://www.concreteresources.net/images/graphics/Californian_Pervious_Projects.xls)
- \* Permeable pavement demo projects, by Puget Sound Action Team.  
[http://www.psat.wa.gov/Publications/LID\\_studies/permeable\\_pavement.htm](http://www.psat.wa.gov/Publications/LID_studies/permeable_pavement.htm)

## **PRODUCTS**

### **Alternative Pavers**

- \* Grid Pavers products list, by Univ. of Conn. NEMO (Nonpoint Education for Municipal Officials).  
[http://nemo.uconn.edu/tools/reducing\\_runoff/material\\_specs/grid\\_pavers\\_specs.htm](http://nemo.uconn.edu/tools/reducing_runoff/material_specs/grid_pavers_specs.htm)
- \* Porous Pavement and Alternative Pavers products list, by ToolBase Services.  
<http://www.toolbase.org/TechInventory/TechDetails.aspx?ContentDetailID=604&BucketID=6&CategoryID=11>
- \* **Websites for some alternative pavers manufacturers (no product endorsement implied):**

<a href="http://www.pavestone.com">www.pavestone.com</a>	Pavestone – Paving stones
<a href="http://www.airvolblock.com">www.airvolblock.com</a>	Air Vol Block – Interlocking concrete pavers
<a href="http://www.invisiblestructures.com">www.invisiblestructures.com</a>	Invisible Structures, Inc. – Grasspave <sup>2</sup> and Gravelpave <sup>2</sup>
<a href="http://hastingsarchitectural.com/">http://hastingsarchitectural.com/</a>	Hastings Pavers – Checker Block
<a href="http://www.ackerstone.com">www.ackerstone.com</a>	Acker-Stone – Interlocking concrete pavers
<a href="http://www.grasscrete.com/">http://www.grasscrete.com/</a>	Grass Concrete Ltd. – Grasscrete
<a href="http://www.pavetech.com">www.pavetech.com</a>	Pave Tech – Edge restraint
<a href="http://www.basalitepavers.com">www.basalitepavers.com</a>	Baselite Concrete Products – Interlocking paving stones
<a href="http://www.prestogeo.com">www.prestogeo.com</a>	Presto Products Co. – Geoweb and Geoblock porous pavement system
<a href="http://www.sspco.com">www.sspco.com</a>	Soil Stabilization Products, Inc. – NaturalPave
<a href="http://www.terrafirmolutions.com">http://www.terrafirmolutions.com</a>	TerraFirm Enterprises – Ecogrid
<a href="http://www.greeninnovations.ca">http://www.greeninnovations.ca</a>	Green Innovations – Modi Porous Paving Grid
<a href="http://www.soilretention.com/">http://www.soilretention.com/</a>	Soil Retention Products, Inc. – Drivable grass