

Low Impact Development and Stormwater Management References
AVCOG Planning Day
November 5, 2009

Following are some resources for more information about the issues that were discussed during the workshop today.

1. The EPA Municipal Handbook consists of several topics. The following web link lists all of them. These documents include the “Six Approaches to Implementing Green Streets slide that was part of the presentation.
<http://cfpub.epa.gov/npdes/greeninfrastructure/munichandbook.cfm>
2. U.S. Department of Housing and Urban Development handbook on “The Practice of Low Impact Development” focuses on housing developments. (See pdf attached to this document.
3. University of New Hampshire Stormwater Center – This site has information and trainings about LID and the research projects at the University. There is also a listing of stormwater BMPs in New England.
<http://www.unh.edu/erg/cstev/>
4. For the pollutants in stormwater list, see the following link –
<http://www.stormwaterauthority.org/pollutants/default.aspx>
5. The Sustainable Sites Initiative has developed a rating system focusing on sites. Following is their website. <http://www.sustainablesites.org/>
6. Low Impact Development Center is funded by EPA and is a good general resource with many links to other information.
<http://www.lowimpactdevelopment.org/index.html>
7. Walden Pond parking lot porous pavement brochure
<http://www.millermicro.com/porpave.html> In addition, I have a hard copy of a report, “Installation and Evaluation of Permeable Pavement at Walden Pond State Reservation”, that was completed in 1986 by Irvine W. Wei, PhD from the Department of Civil Engineering, Northeastern University, Boston, Massachusetts. This report mentions other installations that were studied in

the 1980s – MIT track, Cambridge, MA, Road at Trout Farms in Duxbury, MA, two roads in Rochester, NY, as examples.

8. <http://www.thcahill.com/documents/NAPA-ThinkingGreenwithPorousAsphalt.pdf>
9. Note: I also have a hard copy of a thesis; prepared in 1999 Magnus Backstrom of the Department of Environmental Engineering, Lulea University of Technology, in Northern Sweden, entitled “Porous Pavement in a Cold Climate”. This report studies a “full-scale porous pavement construction”, built in 1993/1994 in a residential area on the outskirts of Lulea, Northern Sweden (N:65°36’, E:22°13’). I knew about this paper from other sources, but was able to get a copy from MDOT.

Please don't hesitate to contact me with any questions about LID and how to implement this approach in your town.

Regards,
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