


2007

Selected LID Projects in New England

New England Environmental Finance Center

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Selected LID Projects in New England

Connecticut

Location: South Windsor, CT
LID Type: Bioretention
Name/Facility: Evergreen Walk Mall
Ownership Type: Private – Commercial
Completion Date: 2004
Description: Extensive bioretention areas were installed throughout the parking lots of new “lifestyle” shopping mall.



Link to More Information:
<http://clear.uconn.edu/tools/lid/pdf/CT0012.pdf>

Location: Waterford, CT
LID Type: Residential subdivision employing multiple LIDs
Name/Facility: Jordan Cove Watershed Project
Ownership Type: Private – Residential
Completion Date: 2003
Description: Includes shared driveways, grass swales, a permeable paver road, porous driveway treatments, a bioretention cul-de-sac, rain gardens on individual lots, and rain barrels.

Link to More Information:
<http://clear.uconn.edu/tools/lid/pdf/CT0002.pdf>

Location: Watertown, CT
LID Type: Grassed swales
Name/Facility: Breezy Knoll Subdivision
Ownership Type: Private – Residential
Completion Date: 1999
Description: New subdivision with grass swales replacing curb and catch basin treatment, and other LID features.

Link to More Information:
<http://clear.uconn.edu/tools/lid/pdf/CT0024.pdf>

To view additional Connecticut case studies, go to NEMO’s CT LID Projects Inventory at <http://clear.uconn.edu/tools/lid/index.htm>.

Rhode Island

Location: Kingston, Rhode Island
Type of Project: Porous Pavement
Name/Facility: University of Rhode Island
Parking Lot
Ownership Type: Public – Educational
Institution
Completion Date: 2003
Description: Two asphalt porous parking
lots; one 5.5 acres and the
other 1.5 acres.



Link to More Information:

<http://www.uri.edu/ce/wq/NEMO/Publications/PDFs/PP.URICaseStudy.pdf>

Location: North Kingston, Rhode Island
Type of Project: Bioretention
Name/Facility: Town Hall Rain Garden
Ownership Type: Public
Completion Date: 2005
Description: Small rain garden in front of public building treats stormwater and
serves as demonstration project.

Link to More Information:

http://www.uri.edu/ce/healthylandscapes/RainGardenBrochure_web.pdf

Location: Providence, Rhode Island
Type of Project: Green Roof and other LIDs
Name/Facility: Save the Bay Center
Ownership Type: Non-Profit
Completion Date: 2005
Description: 6,000 s.f. roof intensive green roof. Residual runoff drains off the
roof into berm and bioremediation basins.

Link to More Information:

http://www.savebay.org/about_center_stormwater.asp

Massachusetts

Location: Boston , Mass.
Type of Project: Green Roof
Name/Facility: Boston World Trade Center,
West Podium
Ownership Type: Private – Commercial
Completion Date: 2003
Description: 15,000 s.f. extensive green roof,
using pre-vegetated mats.

Link to More Information:

<http://www.roofmeadow.com/projects/project15.shtml>



Location: Cohasset, Mass.
Type of Project: Biorention
Name/Facility: Lily Pond Demonstration Rain Garden
Ownership Type: Public
Completion Date: 2005
Description: Rain garden designed to intercept flows from parking area, and to serve as public outreach tool.

Link to More Information:

http://www.crwa.org/events/LIDSWFinancingWorkshop/presentations/Session1_5_CohassetLID.pdf

Location: Tynesborough, Mass.
Type of Project: Reduced streets, bio-retention
Name/Facility: Marla Circle Development
Ownership Type: Private – Residential
Completion Date: 2005
Description: Small subdivision with several LID features including a biorentention cell in the cul-de-sac, rain gardens on each individual property, and swales along the uncurbed road right-of-way, and reduced road widths/length.

Link to More Information:

http://www.mass.gov/czm/smartgrowth/lid/tyngsborough_lid.pdf

To view additional Massachusetts case studies, go to:

http://www.mass.gov/envir/smart_growth_toolkit/pages/SG-CS-lid.html

and

http://www.mapc.org/regional_planning/CSD.pdf

Maine

Location: Portland, Maine
Type of Project: Green Roof
Name/Facility: East End Community School
Ownership Type: Public
Completion Date: 2006
Description: An extensive green roof installed on a new school building adjacent to Casco Bay.



Link to More Information

<http://www.maine.gov/dep/blwq/newslet/npstimes/fall2006.pdf> (see page 4)

Location: Freeport, Maine
LID Type: Porous Pavement
Name/Facility: Freeport Community Center
Ownership Type: Non-profit
Completion Date: 2006
Description: Porous asphalt treatment on 1,700 s.f. parking lot.

Link to More Information:

<http://www.wellsreserve.org/forums/showthread.php?p=172>

Location: Tenants Harbor, Maine
Type of Project: Conservation Subdivision
Name/Facility: Old Woods Farm
Ownership Type: Private – Residential
Completion Date: Approved 2006
Description: A 10-lot subdivision clustered on 100 acres of land. Project includes 84 acres of protected woodlands and wetland, with roads and buildings sited to minimize impacts.

Link to More Information:

<http://www.oldwoodsfarm.com/>

New Hampshire

Location: Durham, NH
Type of Project: Bio-retention (large-scale)
Name/Facility: University of New Hampshire
Ownership Type: Public- Educational Institution
Completion Date: ?
Description: 4,000 s.f. bioretention area, monitored for performance



Link to More Information:

http://www.unh.edu/erg/cstev/site_plan/bioretention_system.pdf

Location: Salem, NH
Type of Project: Conservation Subdivision with other LID
Name/Facility: Braemoor Woods,
Ownership Type: Private – Residential
Completion Date: In process
Description:

Links to More Information:

<http://www.pathnet.org/sp.asp?id=1328>

<http://www.toolbase.org/Field-Evaluations/SLI-Consulting-Braemoor-Woods>

Location: Franklin New Hampshire
Type of Project: Bio-retention
Name/Facility: Rain garden demonstration project -- Franklin
Ownership Type: Private homeowner
Completion Date: 2005
Description: Small rain garden along side of homeowner's driveway.

Link to More Information:

<http://ceiengineers.com/LID/franklinnh.htm>

See other rain garden demonstration projects, at CEI's website:

<http://ceiengineers.com/LID/franklinnh.htm>

Vermont

Location: Warren, Vermont
Type of Project: Conservation
Subdivision
Name/Facility: Fuller Hill Farm,
Ownership Type: Private – Residential
Completion Date: In progress
Description: Development clustered on 50 acres of 200 acres site, with balance protected through a conservation easement with Vermont Land Trust.



Link to More Information:

<http://www.wmap-aia.com/> Under Selected Projects, click on *Planning* – then on *Fuller Hill Farm*.

Location: Putney, Vermont
Type of Project: Green Roof
Name/Facility: Putney School Performing Arts Building
Ownership Type: Private – Educational Institution
Completion Date: 2003
Description: A 5,830 s.f. extensive green roof project.

Link to More Information:

<http://www.greenroofs.com/projects/pview.php?id=227>

Location: Rutland, Vermont
Type of Project: Rain Garden
Name/Facility: Vermont Achievement
Ownership Type: Non-Profit
Completion Date: 2006
Description: Small rain garden adjacent to parking area.

Link to More Information:

http://www.anr.state.vt.us/dec/waterq/planning/docs/pl_otter.9-06.update.pdf