
2007

Selected LID Projects in New England

New England Environmental Finance Center

Follow this and additional works at: <https://digitalcommons.usm.maine.edu/planning>

 Part of the [Environmental Design Commons](#), [Environmental Engineering Commons](#), [Environmental Health and Protection Commons](#), [Environmental Indicators and Impact Assessment Commons](#), [Finance Commons](#), [Finance and Financial Management Commons](#), [Growth and Development Commons](#), [Landscape Architecture Commons](#), [Natural Resources and Conservation Commons](#), [Sustainability Commons](#), [Urban, Community and Regional Planning Commons](#), [Urban Studies and Planning Commons](#), and the [Water Resource Management Commons](#)

Recommended Citation

New England Environmental Finance Center, "Selected LID Projects in New England" (2007). *Planning*. 8. <https://digitalcommons.usm.maine.edu/planning/8>

This Article is brought to you for free and open access by the New England Environmental Finance Center (NEEFC) at USM Digital Commons. It has been accepted for inclusion in Planning by an authorized administrator of USM Digital Commons. For more information, please contact jessica.c.hovey@maine.edu.

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