

Integration of Stormwater Best Management Practices into Land Development Regulations



Services / Expertise

Water Resources Management
Stormwater Planning and Policy Development
Public Outreach

Markets

Municipal Clients and Regional Planning
Commissions

Project Location

South Burlington, Vermont

Date Completed

2012-2013

Project Owner

City of South Burlington

Project ID#

12-077

Project Manager

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This overflow parking area surfaced with grass pavers (at Advanced Auto in South Burlington) is one example of the green stormwater infrastructure practices that may be implemented under the new LDRs.

In 2005, the City of South Burlington became the first in Vermont to implement a stormwater utility as a means to finance and provide ongoing stormwater system maintenance, upgrades, and technical support. Since the utility's formation, South Burlington's City Council has adopted standards and provisions in its Land Development Regulations (LDRs) for surface water protection and stream buffering, for construction and erosion control, and for site design, snow storage, landscaping, and trash containment. However, there are many other opportunities to include sensible stormwater management practices in the LDRs.

Stone and an engineering partner worked with the City of South Burlington's Public Works and Planning/Zoning Departments in 2012-2013 to:

- Identify areas where stormwater BMPs can be incorporated into the LDRs;
- Provide an analysis of the impact that changes will have on development;
- Provide specific language that can be included in the South Burlington LDRs; and
- Coordinate and facilitate an "engineers' lunch" to present proposed language, and to gather input from stakeholders most likely to be affected by changes to stormwater-related development standards in South Burlington.

The proposed revisions to the South Burlington Land Development Regulations were ultimately approved 5-0 by the City Council and became effective on April 11, 2016.