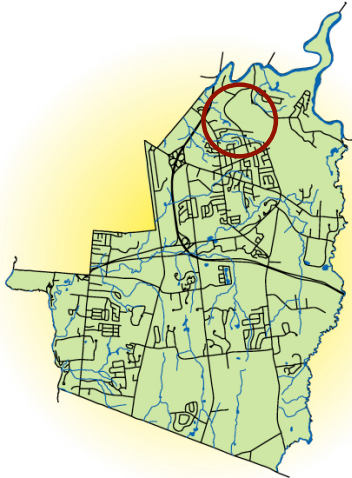




# South Burlington Stormwater Utility

## Airport Parkway Drainage Repair



*Map of South Burlington*



*Discharge pipe before the project*



*New stormwater outflow*

<b>Location:</b>	Airport Parkway
<b>Problem:</b>	Two stormwater discharge pipes from Airport Parkway and a nearby parking lot had caused severe erosion to the highway bank. The erosion and resulting instability threatened to cause the highway to fail; resulting in major and expensive road repairs.
<b>Benefit:</b>	The repair of this discharge area ensured the stability of Airport Parkway and reduced the environmental impact of the stormwater runoff. In addition to stabilizing the highway, the project greatly reduced the flow of sediment to a nearby pond, which ultimately leads to the Winooski River.
<b>Description:</b>	To prevent further erosion, a new discharge structure was constructed further down the bank, combining the two discharge pipes, and the discharge area was lined with stone. The damage was then reversed by filling in the eroded area and stabilizing it with grass and erosion control matting.
<b>Dates/Timeline:</b>	2006
<b>Total Project Value:</b>	\$20,000
<b>Funding Sources:</b>	Stormwater Utility Fund Vermont Better Back Roads Grant Program
<b>Best Management Practices:</b>	Installed Stone-Lined Swale Repaired Stormwater Infrastructure