

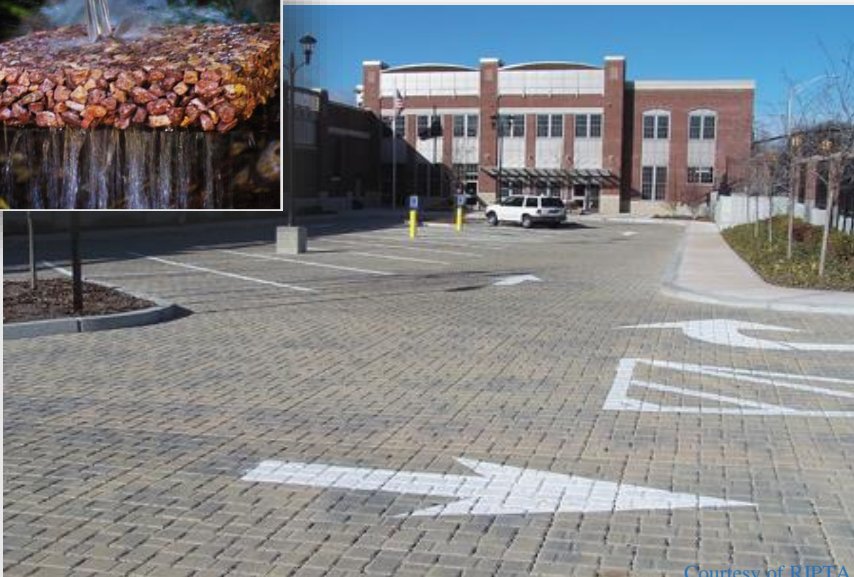
The Benefits of Green Infrastructure

Rhode Island Public Transit Authority
Porous Pavement Parking Lot,
Providence, RI

Porous or permeable pavement is a “green” method of paving that allows stormwater to seep into the ground instead of running off into nearby waterbodies or stormdrains. Permeable pavements act as a filter drawing rain and snow into a storage layer of gravel where it is slowly released into the surrounding soils*.

RIPTA Parking Lot FACTS

- Size: **42,500** square feet, the largest porous parking lot in New England!
- Reduces stormwater runoff by an estimated **1 million** gallons per Year
- A reduction of snow and ice cover during winter months from porous pavement has the potential to reduce salt treatments for RIPTA by **77%** **

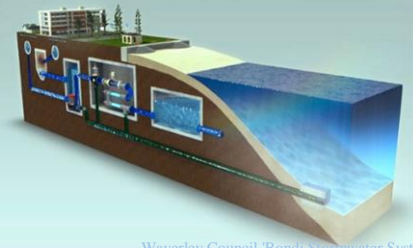


Courtesy of RIPTA

Did You Know...



58.9% of Providence is covered in pavement, the equivalent of 6,000 football fields! –*Rhode Island Monthly*



Waverley Council 'Bondi Stormwater System'

An estimated **2.2 Billion** Gallons of Stormwater was Treated at Providence's Field's Point Facility in 2013 –
Narragansett Bay Commission



Approximately **\$14,000,000** was spent in 2013 to treat 15.6 Billion Gallons of Stormwater and Sanitary Sewage from Providence, North Providence, and Johnston, RI –*Narragansett Bay Commission*

Stormwater and Green Infrastructure Coalition: A project of the Environment Council of Rhode Island with funding from the RI Foundation

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*University of Maryland Extension: Permeable Pavement Fact Sheet
** Houle, Kristopher, Winter Performance Assessment of Permeable Pavements. Sept. 2008