



# Stormwater Solutions Rain Garden Tour

## Property 2019-6: Permeable Pavement

**PERMEABLE PAVEMENT** is a method of paving that allows stormwater to seep into the ground as it falls, rather than running off into storm drains and waterways. Permeable pavements (also known as porous pavement or pervious pavement) have a base and subbase that allow the movement of stormwater through the pavement. By stopping stormwater from pooling and flowing away, permeable paving can help recharge underlying aquifers and reduce peak flows and flooding. Streams can flow more consistently and at cooler temperatures, contributing to healthy ecosystems. In addition to reducing runoff, permeable paving effectively traps suspended solids and filters pollutants from the water. Stormwater pollutants can be broken down in the soil, instead of being carried to streams, river, bays, and the ocean.

[www.montgomerycountymd.gov/water/stormwater/](http://www.montgomerycountymd.gov/water/stormwater/)

Project Location	Front Driveway
Project Size	765 sqft
Drainage Area Treated	1680 sqft
Rain Amount Treated	2.39 Inches
Installation Year	2019
Contractor	First Impression Hardscapes, LLC



**HOMEOWNER COMMENTS** After completing the 2017-2018 renovation of our house, we also wanted to redo our front garden. Our landscape architect informed us about the RainScapes program and the not unsubstantial rebate provided by Montgomery County for RainScapes projects. She then put us in touch with a contractor knowledgeable in constructing a water absorbent driveway. We were very happy to learn of this option, both because we wanted to address the flooding issue at the base of our garden and driveway and we were interested in conserving water. The county approved the project and construction started and was completed in a few days. It's quite a marvel and we are very happy with the outcome. It did cost a lot - approximately \$20,000, but we feel it was worth it. We received the County subsidy about a month after the project was completed. We now don't have flooding problems.

*FoCJC does not endorse any specific person or product.*

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