



PRINCE GEORGE'S COUNTY FLOOD CONTROL

When it rains, excess water flows from surfaces into the County's storm drain system. The storm drain system is a network of structures, channels and pipes that carry stormwater to ponds, lakes, streams, and rivers. It consists of both public and private systems and helps control flooding from storms. The Department of Public Works and Transportation helps maintain the storm drain system in the County public right-of-way.

➤ Why is Flood Control Important?

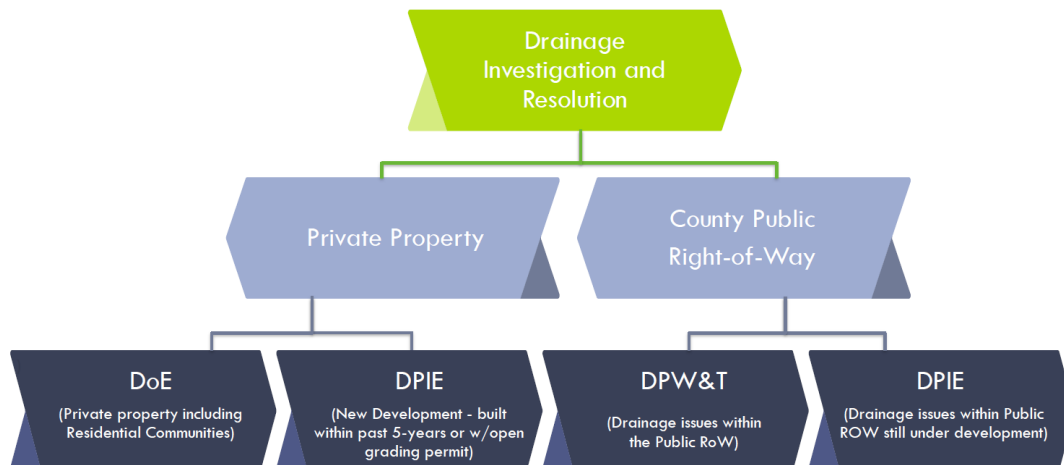
- Floods have the potential to claim lives and damage infrastructure, such as homes, roads and bridges.
- Many communities in Prince George's County were built before floodplain regulations were established.
- Impervious surfaces throughout the county, such as concrete and asphalt, can exacerbate flooding issues.

➤ What is DPW&T's Role in Flood Control?

Through the Inter-agency Drainage Committee, DPW&T works closely with partner agencies to address drainage complaints. DPW&T maintains stormwater management infrastructure in the public right-of-way.

When DPW&T receives a flooding complaint, inspectors perform a field investigation. A plan of maintenance is developed and implemented. For serious drainage issues, a larger Capital Improvement Project may be required.

DPW&T also maintains six levees and five pumping stations within the County. Pumping stations move water away from low elevation areas and are activated during heavy precipitation events. Levees and pumping stations protect low-lying communities from flooding.



Report flooding issues by calling 3-1-1. You may also submit a service request through PGC311.

➤ Solutions for Homeowners

Homeowners can do their part to reduce runoff and help prevent flooding by following these tips:

- Make sure storm drains are clear of leaves, branches and other debris.
- Install rain barrels at the end of downspouts. Rain barrels reduce stormwater volume and can be used to water plants during dry seasons.
- Grass swales, rain gardens, and yard drains are some examples of Best Management Practices (BMP's) that can be installed near your home to reduce runoff.
- Plant vegetation on bare soil to reduce erosion and runoff. Planting a tree is a great option.
- Install alternatives to impervious surfaces to help water infiltrate into the soil. For example, consider removing unnecessary concrete or asphalt surfaces.

The Prince George's County roadway network includes more than 2,000 miles of public streets.

OUR GOAL: The RIGHT TREATMENT at the RIGHT PLACE

The County roadway network includes 600 miles of storm drain, 800 BMPs, 14 miles of concrete channel, and approximately 95,000 storm drain structures.

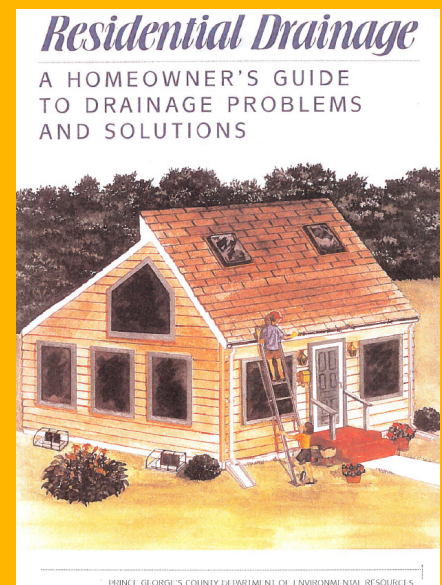
➤ Resources

Residential Drainage: A Homeowner's Guide to Drainage Problems and Solutions offers guidance on how to prevent flooding in and around your home. Published by the Prince George's County Department of Environment.

www.princegeorgescountymd.gov/DocumentCenter/View/83/Homeowners-Guide-to-Drainage-Problems-PDF

Prince George's County Stormwater Management Design Manual provides guidelines for engineers to follow when they design stormwater systems. Published by the Department of Permitting, Inspections and Enforcement.

www.princegeorgescountymd.gov/1478/Design-Manuals



The Department of Public Works and Transportation is proud to implement cost-effective, durable and innovative infrastructure improvements and maintenance throughout Prince George's County. Our mission is to provide and maintain quality multi-modal infrastructure to improve mobility, promote environmental sustainability, and enhance the quality of life for current and future Prince George's County residents and visitors.

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