



PRINCE GEORGE'S COUNTY PAVEMENT PRESERVATION PROGRAM

The Department of Public Works and Transportation is responsible for managing and maintaining one of the county's most valuable assets – a public street network with more than 2,000 miles. Our overall efforts are aimed at keeping the county's streets in a state of good repair and extending their lifespan. Pavement preservation ranges from pothole patching to longer term resurfacing and extensive road reconstruction.

PAVEMENT MAINTENANCE SCHEDULING

The County schedules pavement maintenance five years in advance based on asphalt conditions and funding availability. Areas identified as those most in need are placed on the five-year schedule.

PAVEMENT EVALUATION & MAINTENANCE PRIORITIZATION

Staff uses a Pavement Assessment Management System (PAMS) methodology to evaluate asphalt condition. The foundation of PAMS is field data obtained using a high-tech pavement management vehicle, which measures and records the condition of roads; evaluating them on surface roughness, environmental stresses, and structural condition. Based on the resulting pavement condition index (PCI) rating, which is measured 0-100 (worst to excellent), staff uses the objective measurements to develop an initial list of roads to receive a resurfacing treatment. Once a street is suggested, field evaluations are conducted to confirm or negate the results. The goal is to apply the right surface treatment at the right time based on the results of the overall pavement evaluation.

THE NEED FOR PRESERVATION

- ◆ Extends pavement life.
- ◆ Delays the need for costly rehabilitation or reconstruction.
- ◆ Improves the overall network condition by keeping good roads good.
- ◆ Improves pavement condition and helps maintain road conditions safe for users.

PAVEMENT PRESERVATION TREATMENTS

Pavement preservation treatments are applied to streets to replenish lighter oils and rejuvenate the roadway in order to prolong its service life. Because the cost of applying surface treatments is minimal compared to resurfacing the roadway, Prince George's County makes an effort to utilize preservation treatments to extend the service life of streets throughout the county. Examples of pavement preservation techniques include:

- ◆ Crack Seal
- ◆ Fractured Aggregate Surface Treatment
- ◆ Microsurfacing
- ◆ Polymer Modified Master Seal
- ◆ Slurry seal
- ◆ Asphalt Patching and Pothole Repairs

OUR GOAL

the **RIGHT TREATMENT**
at the **RIGHT TIME**

FACTS

QUICK

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

Every \$1 spent on preservation saves \$8 in major reconstruction costs.

PAVEMENT MILL & OVERLAY

Although there are numerous preservation treatments and maintenance options, the most extensive and complete maintenance approach, yet also the more costly, is a mill and overlay of the asphalt pavement. A complete mill and pavement overlay is necessary when asphalt surface has reached the end of its service life or preventative treatments no longer benefit a road. Making the call to overlay is a very important decision that involves a lot of factors. These factors include maintenance history, physical condition and budget.

FREQUENTLY ASKED QUESTIONS

How can I request my road to receive treatment?

If you believe your road needs repair or treatment, contact CountyClick 311. Service requests may be submitted by dialing 311 -or- if you are outside the County, please dial 301-883-4748. An inspector will visit the site and investigate your request. You can also submit a service request or research an issue online at www.CountyClick311.com

When can I expect work to begin on my street?

Exact work dates are generally not available until 30 days prior to work beginning as contractors set schedules based on personnel and equipment availability – this is also weather dependent. Contractors will distribute a notice to each resident in a neighborhood approximately 2 days prior to work starting as a general notification that your street has been identified for treatment.

Is there a list of streets included in the pavement preservation work plan?

The county's pavement preservation work plan is assessed and updated each year. The planned projects are identified and prioritized based on street condition assessment data and field evaluations.

How long are streets in Prince George's County designed to last?

The average lifespan of an asphalt street is 25 years and when properly maintained with surface treatments it can last approximately 35 years.

QUESTIONS & COMMENTS

If you have general questions or comments pertaining to the County's pavement preservation program, contact the Office of Engineering and Project Management, Road Construction Division at 301-883-5642.

To report a pothole or street maintenance repairs, contact CountyClick 311. Service request may be submitted by dialing 311 -or- if you are outside the County, please dial 301-883-4748. You can also submit a service request or research an issue online at www.CountyClick311.com



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