



DEPARTMENT OF ENVIRONMENTAL SERVICES  
UTILITIES & ENVIRONMENTAL POLICY DIVISION  
WATER/SEWER/STREETS BUREAU

4200 28<sup>th</sup> Street S. Arlington, VA 22206  
TEL 703-228-6485 FAX 703-228-6585 [www.arlingtonva.us](http://www.arlingtonva.us)

July 12, 2010

Dear Arlington County Resident:

The Department of Environmental Services (DES) has determined a need to rebuild your street and will be doing so as part of a pilot project to test a new process called "full depth reclamation" (FDR). This work will begin on Tuesday July 13, 2010, weather permitting.

DES is responsible for maintaining the integrity of the pavement structures in Arlington County's street system. Our current global maintenance strategy consists of three methods: 1) milling and paving, 2) applying slurry seal; and/or 3) complete rebuild of a street depending upon roadway condition. The solution to remedying a failing pavement structure is complete removal and replacement of the existing base and asphalt surface. This process is very expensive and time consuming, including traffic disruption in the neighborhood.

In our effort to find better and more cost effective methods, we have identified an alternative to complete rebuild which uses Portland cement to stabilize the sub-base. This process can provide the benefits of reconstruction without the substantial costs and disruption. This procedure pulverizes the existing asphalt, and blends it with underlying base, sub-base, and/or sub-grade materials, which are mixed with cement and compacted to provide a new roadway structure using recycled materials from the failed pavement. Because of cement stabilization, the new base will be more uniform, stronger, and provide better long term performance than the original pavement structure.

For the streets listed below, the current condition is such that complete rebuilding is necessary. DES has contracted Slurry Pavers, Inc. to perform this work under our pilot study:

1. N. Norwood St from 4<sup>th</sup> St N. to 5<sup>th</sup> St N.
2. N. Monroe St from 5<sup>th</sup> St N. to 6<sup>th</sup> St N.

The project will begin with milling the excess asphalt material from the roadway, followed by the actual reclamation process which would take approximately 1-2 days at each location which is much quicker than the conventional method. The new stabilized sub-base is then left to be wet cured for several days prior to actual placement of the new asphalt top layer. Vehicles can ingress and egress from the driveway at anytime during this curing period.

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Due to the nature of our construction, some inconveniences will occur, such as parking restrictions during construction, traffic detours, street closure, dust and noise. We will minimize both the magnitude and number of these disruptions. We appreciate your understanding and cooperation during this pilot project.

The project manager is Mr. Francis Soulamany. He can be reached at the job site or at (703) 228-7822. I can be reached between 7:00 a.m. and 3:30 p.m. at (703) 228-7730 or by e-mail at [htran@arlingtonva.us](mailto:htran@arlingtonva.us)

Sincerely,



Hung T. Tran  
Maintenance Contracts  
Water, Sewer, Streets Bureau

CC: Mike Collins  
Alsinia Ervin  
Robert Tanner, Ashton Heights Civic Association