



## Forest Glen Concrete Warranty Work Project

**Project to Begin Soon; Only streets on reverse map are impacted**

### INTRODUCTION

This newsletter is to update you of the upcoming roadside concrete curb, gutter and sidewalk warranty work in the Forest Glen subdivision in Silver Spring.

### BACKGROUND

MCDOT's street rehabilitation work was completed in the Forest Glen neighborhood in 2012. Shortly thereafter, the Montgomery County Department of Transportation (MCDOT) received reports of premature scaling and surface deterioration of the concrete. In response,

MCDOT conducted a thorough inventory of all affected concrete (curbs, sidewalks, driveway aprons), of areas with scaling, and began assessing which long-term, practical solutions might be most effective and least disruptive to the community. Montgomery County has developed a phased repair strategy for addressing the scaling concrete issue.



Concrete is smoothed and finished

### REGIONAL AND NATIONAL ISSUE

During MCDOT's investigation, it became apparent that concrete of the same mix-design used elsewhere in the County had similar problems. Moreover, other jurisdictions within the state of Maryland and the greater Washington, D.C. area were also reporting premature scaling of concrete. In October 2015,

MCDOT contacted several industry leaders from across the country and learned that similar conditions have been reported by jurisdictions throughout nationwide. Because the issue is occurring nationally, it indicates that concrete scaling is a systemic issue as opposed to a local, more contained, issue of materials and workmanship alone.

### SCHEDULE

This project is scheduled to begin in September 2017, and will take six weeks to complete, weather permitting. All construction work will be scheduled between the hours of 7 am and 6 pm, Monday through Friday.

### PROJECT DETAILS

MCDOT has worked closely with its contractors, as well as concrete producers and industry leaders to better understand what precipitated the surface scaling conditions. Testing has shown that only the top 1/16 to 1/8 inch of concrete is generally affected by scaling.



New concrete is poured into forms

MCDOT began working to repair the concrete in Forest Glen two years ago. We are using a new mix of traditional concrete as well as a non-toxic, silicon based sealer designed to penetrate the concrete and provide additional durability.

Again, only the impacted infrastructure on the reverse map will be replaced or repaired as part of this project. MCDOT will continue to monitor and survey the neighborhood every year to identify any new areas of scaling and will then schedule the appropriate repairs.

### IMPACTS

Continuous traffic will be maintained at all times utilizing alternate one-way traffic patterns, when necessary. However, minor traffic delays may be experienced as our flaggers manually direct traffic safely through the work zone.

This project may necessitate temporary lane closures and temporary parking restrictions. Signs will be posted in advance identifying such restrictions. Access to homes will be available at all times, however minor delays may be experienced as workers reposition machinery or materials.

This type of comprehensive neighborhood system preservation project is generally characterized by some noise and low levels of dust. However, MCDOT will do its best to keep the site in good housekeeping order.

We apologize in advance for any unavoidable inconvenience this project may cause and appreciate your cooperation. We are confident that residents of this community will welcome the results of this program. advantage of the county's competitively bid contract prices (public procurement process) to repair your existing driveway apron or lead walk.

*Thank you for your cooperation as we work to improve the county infrastructure for residents and users!*



MONTGOMERY COUNTY, MARYLAND

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY SERVICES

100 EDISON PARK DRIVE, 4TH FLOOR, GAITHERSBURG, MD 20878

240-777-ROAD (7623)

[www.montgomerycountymd.gov/DOT-Highway/](http://www.montgomerycountymd.gov/DOT-Highway/)

**KEEPING MONTGOMERY MOVING**

MCDOT NEWS No. 2017.82

# NOTICE OF FOREST GLEN CONCRETE WARRANTY WORK IN SILVER SPRING

## IMPORTANT! Lawn Sprinkler Systems and Invisible Dog Fences

If your home has either a buried lawn sprinkler system or invisible-type dog fence installed, please make sure that the system **DOES NOT** extend into the county right-of-way. If it does, please mark the locations of buried pipe or wire so that our equipment can attempt to avoid it. However, such systems are **NOT** permitted by the County Code to be located in the right-of-way and neither the County nor its contractors are responsible for any damage to **ANY** systems located there. If you do not know the locations, look in your phone book under **UTILITIES, UNDERGROUND CABLE, PIPE AND WIRE LOCATING SERVICE**.

### DIVISION OF HIGHWAY SERVICES

Richard C. Dorsey  
Division Chief

Randy Paugh, Chief  
Pavement Management Section

**Project Manager:** Adam Derrick 240-777-7637

**Program Manager:** John Birton 240-777-7616

Should your questions be of a more general nature, please contact the MC311  
Call Center by dialing 311 or 240-777-0311

**DHS Email:** [mcdot.highway@montgomerycountymd.gov](mailto:mcdot.highway@montgomerycountymd.gov)

**DHS Website:** [www.montgomerycountymd.gov/DOT-Highway/](http://www.montgomerycountymd.gov/DOT-Highway/)

On the county map, click on the **Silver Spring** Service Area, where you will  
find additional roadway maintenance projects scheduled in your area.



@MontCo\_Highways



mcohightwayservices

