



June 17, 2025

Dear Resident:

The City of Arden Hills performs annual street and trail preservation activities in different parts of the city as part of a long-term street maintenance program. The City has scheduled resurfacing for segments of city streets and trails in your area to be crack sealed, seal coated, and/or fog sealed as shown on the attached map.

The crack sealing phase is scheduled for June 2025 and will only last a couple of days. The seal coating phase is scheduled for July 2025 and will last about a week. Lastly, the fog sealing phase is scheduled for July 31st or later and will only last a couple of days. All of these scopes of work can severely be impacted and delayed by bad weather, so these timelines will undoubtedly shift.

Ongoing updates about this project will be posted to the city website at: <https://www.cityofardenhills.org/216/Construction-Projects>. Or find it by locating the blue “Helpful Links” box on the homepage and clicking on “Construction Projects”. Then, click on the link for the “2025 Street Maintenance Project”.

The Contactor will post temporary-NO PARKING signs along the roadway the day prior to seal coating and fog coating operations. We request your cooperation to avoid parking on the street while temporary-NO PARKING signs are in place.

For Seal Coating, residents will have access in and out of the neighborhood but may experience a short wait time while work is being done in front of their home or within intersections.

For Fog Sealing, **access will be limited on those streets for 2-3 hours** while the tack dries. Please use caution when driving in areas where fog seal is being installed to avoid getting tack material on your vehicle. Your patience, during this process, is greatly appreciated.

The Public Works Department will work with postal carriers, delivery drivers, waste haulers, and buses within the project area. If you have a lawn irrigation system, please avoid spraying water onto the street during paving operations.

If you have any questions regarding this process, please call the Public Works Department at 651-792-7850.

Information about seal coating, fog sealing, and crack sealing is provided on the back of this page



Seal Coating

The seal coat process involves cleaning the existing pavement surface, spreading an asphalt emulsion, placing and rolling aggregate on top of the emulsion and sweeping up the excess aggregate. A second sweeping is conducted two or three days after the application to remove the remaining loose aggregate. The primary reason to seal coat an asphalt pavement is to protect the pavement surface from deterioration by sun and water. When an asphalt pavement is exposed to sun, wind and water, the asphalt hardens, or oxidizes. This causes the pavement to become more brittle. As a result, the pavement will crack because it is unable to bend and flex when exposed to traffic and temperature changes.

Crack Sealing

Crack sealing involves the application of a bituminous sealant into pavement cracks to minimize water from seeping into the subgrade below the pavement and causing deterioration. Crack sealing is one of the more cost-effective methods for extending the service life of street pavements.

Fog Sealing

Fog sealing is typically applied to cul-de-sacs and recreational trails but we will also be applying it on newly seal coated residential streets, as well. It involves the application of a diluted asphalt emulsion on pavements without the use of seal coating aggregate described above. Fog sealing has similar benefits to a seal coat to protect the pavement surface from the deteriorating effects of sun and water. Fog sealing slows the oxidation process and helps the pavement shed water, preventing moisture from entering the base material. It also provides a clean black surface to aid in snow and ice melting. The city is using fog sealing in cul-de-sacs to minimize historical problems associated with high volumes of turning movements. During the warmer summer months, seal coat areas tend to shift or tear when turning movements occur. Garbage and recycling trucks with their large tandem base can often create tearing issues on seal coat surfaces in cul-de-sacs, along with cars backing out of their driveway and turning their tires while not moving.

Sincerely,

Lucas J. Miller
Assistant Public Works Director