



Dear Resident:

The City of Arden Hills performs annual street preservation work in different parts of the city as part of a long-term street maintenance program. The City has contracted for streets in your area to be seal coated, fog sealed, or crack sealed this summer. A list of streets included in the project is provided below. Information about seal coating, fog sealing, and crack sealing is provided on the back of this page.

The project is anticipated to begin on July 27<sup>th</sup>. Temporary No Parking signs will be posted along the streets in advance of the work. While temporary parking restrictions are posted, the City request that you refrain from parking vehicles on the street included in the project to allow space for the contractor to work.

Ongoing updates will be posted to the city website at [www.cityofardenhills.org/roadconstruction](http://www.cityofardenhills.org/roadconstruction). Click on the link for the 2020 Street Maintenance Project.

If you have any questions, please feel free to contact David Swearingen with the Arden Hills Public Works Department at 651-792-7847 or email [dswearingen@cityofardenhills.org](mailto:dswearingen@cityofardenhills.org).

STREET	From	To	Work
Arden Place E	Snelling Avenue North	Glenarden Road	Crack Seal
Arden Place W	Snelling Avenue North	Siems Court	Crack Seal
Beckman Avenue	New Brighton Road	Lake Johanna Blvd	Crack Seal/Seal Coat
Connelly Avenue	County Road E	Loop to County Road E	Crack Seal
Eide Circle	Hamline Avenue	Cul-de-Sac	Fog Seal/Seal Coat
Forest Lane	Snelling Avenue North	Glenarden Road	Crack Seal
Glenarden Court	Skiles Lane	Glenarden Road	Crack Seal
Glenarden Road	Arden Place	Glenarden Ct / Snelling Ave	Crack Seal
Hamline Avenue N	County Road E	North Limit	Crack Seal/Seal Coat
Harriet Avenue	Pine Tree Drive	Lexington Avenue	Crack Seal/Seal Coat
Indian Oaks Circle	Hamline Avenue	Cul-de-Sac	Fog Seal/Seal Coat
Indian Place	County Road E	Cul-de-Sac	Crack Seal/Seal Coat
Katie Court	Katie Lane	Cul-de-Sac	Fog Seal/Seal Coat
Katie Lane	Cleveland Avenue	Loop to Cleveland Avenue	Crack Seal/Seal Coat
Pine Tree Drive	County Road E	Harriet Avenue	Crack Seal/Seal Coat
Ridgewood Court	Ridgewood Road	Cul-de-Sac	Crack Seal
Ridgewood Road	Arden Place	Lake Johanna Blvd	Crack Seal
Sandeem Road	Lake Johanna Blvd	Loop to Lake Johanna Blvd	Crack Seal/Seal Coat
Shorewood Drive	County Road D	Cul-de-Sac, excluding bridge	Crack Seal/Seal Coat
Siems Court	Lake Johanna Blvd	Cul-de-Sac	Crack Seal
Skiles Lane E	Snelling Ave North	Glenarden Road	Crack Seal
Skiles Lane W	Arden Place	Snelling Avenue North	Crack Seal
Snelling Frontage Rd	Arden Place	Cul-de-Sac / Park	Crack Seal
Thom Court	Thom Drive	Cul-de-Sac	Crack Seal/Seal Coat
Thom Drive	Cleveland Avenue	New Brighton Road	Crack Seal/Seal Coat

### ***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. 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 have a tendency 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.