



2022 LOCAL ROAD PAVEMENT PRESERVATION PROGRAM 'CAPE SEAL' SURFACE TREATMENT NOTICE

August 26, 2022

Dear Resident:

Subject: Local Road 'Cape Seal'

As part of Meridian Township's Local Road program, some of the streets in your subdivision are scheduled to receive a surface treatment this year. This work is essential while the pavement is still in relatively good condition to slow the asphalt deterioration and extend the life of the road. Please see the streets listed on the reverse side for reference.

When water enters into cracks and permeates beneath the asphalt surface, this leads to significant damage over time. During the Fall/Winter and Winter/Spring transitional periods, water will freeze in the cracks, causing major deterioration to the surrounding asphalt. Additionally, as water runs through the cracks and saturates the road base, the asphalt near the cracks will begin to flex and break down as heavy vehicular loads are applied. Furthermore, over the course of time exposure to rain, snow, and sunlight, causes the constituent elements of the asphalt pavement to break down, leading to further cracking and surface deterioration.

By sealing both the cracks and the entire surface, the process of deterioration is retarded, and the surface is given a new protective layer, thus extending the overall life of the pavement. The surface seal involved in this project includes the application of a chip seal, followed shortly by an overlaying fog seal. The chip seal will delay the surface deterioration and improve the road surface, while the subsequent fog seal will lock the 'chip' in place.

The process is generally continuously moving, in two parts. The chip seal application will be first, which involves spraying a layer of asphalt emulsion over the existing road surface, followed by the placement of finely graded stone, which is embedded in the asphalt. Any loose stone is then swept away, and the area is opened back up to traffic. The second step is the application of another layer of asphalt emulsion on top, which will further lock the stone into place and create an additional barrier to the elements.

For the first phase, the application of the chip seal, they will proceed with one lane at a time, which is opened to traffic after approximately one hour. However, for the majority of this work you will still have access to your driveway. As the equipment moves past a given drive there will be a period of approximately 15 minutes when access to that drive will be limited, but access will be restored once they have moved past. The contractor will have workers onsite directing traffic to ensure that everyone can safely get around the work area. If you need assistance getting to or from your destination during the work, please just let one of the workers know, and they will be able to assist you.

The second phase, the application of the top fog seal, will occur approximately two (2) days after the chip seal. This work will also be done one lane at a time, but will require an hour after application for the asphalt emulsion to fully set up. **Please follow the directions of the on-site staff to ensure that you do not drive on wet material, which can then be tracked off the roadway.**

The contractor that will be performing the work is Pavement Maintenance Systems. Work is anticipated to start next Tuesday, August 30, 2022 on Earliglow Lane & Emily Lane, and then proceed in the approximate order shown on the back of this letter. Please check the Construction Updates under the website listed below to see as the work proceeds to additional streets.

Please do not park any vehicles on or along the roadway while this work is occurring. Your street may have to be re-scheduled or eliminated if parked vehicles block the process. **To be assured of not holding up progress, please avoid parking any vehicles on your subdivision streets until September 30, 2022.** Additionally, please do not leave waste or recycling containers on the street during this time. Instead, ensure that all such items are located on the end of the driveway, and not within the roadway.

Between the placement of the chip seal and the final fog seal, please use caution while driving on the stone surface. This includes driving slowly, and avoiding sharp turns or rapid braking.

We apologize in advance for any inconvenience caused by the preventative maintenance work, and appreciate your patience and understanding while we endeavor to improve your neighborhood and our entire community. For regular updates, please see the Meridian Township Local Roads Program section of the website at:

www.meridian.mi.us/TownshipProjects.

If you have any additional question or concerns, please contact us at dpw@meridian.mi.us or 517.853.4440.

Respectfully,

Charter Township of Meridian
 Department of Public Works
 Engineering Office

Meridian Township Local Roads to receive a surface treatment in 2022:

<u>Approximate Order</u>	<u>Street</u>	<u>From</u>	<u>To</u>
1	Earliglow	Bird Farm	Piper
	Emily	Earliglow	Earliglow
	Blueberry	Conrad	Conrad
2	Haversham	Picadilly	Tihart
	Picadilly	Haversham	Downing
	Downing	Haversham	Picadilly
	Chantilly	Haversham	Picadilly
	Thames	Tihart	Downing
3	Everett	Lake Lansing	Westminster
	Westminster	Barnsbury	Haslett
4	Skyline	Margate	Lake Lansing
5	Arbor	Forest Hills	Hatch
	Elmwood	Arbor	Birchwood
	Birchwood	Dobie	Silverwood
6	Maumee	Mt. Hope	dead-end
	Shawnee	Maumee	Okemos
	Kewanee	Apache	Okemos
	Apache	Shawnee	Maumee
7	Cavalier	Tamarack	Fox Hollow
8	Beech Tree	Fairhills	Spring Lake
	Elk	Fairhills	Breezy Point
	Spring Lake	Beech Tree	Dobie
	Viceroy	Sashabaw	Spring Lake
	Sashabaw	Viceroy	Dobie
9	Burcham	Jo Pass	Banyon
	Banyon	Burcham	Okemos