



# TOWN OF WILSON

SHEBOYGAN COUNTY, WISCONSIN

Dear Town of Wilson Resident,

The Town of Wilson will be Chip Sealing Indian Mound Road and Evergreen Drive the week of August 19<sup>th</sup>, 2019. Scott Construction has been contracted to perform this work. This is a critical part of street maintenance that will extend the life of our roads. A Seal coat can extend the life of a street as much as 15 years. No Parking signs will be placed 24 to 48 hours in advance of the work beginning. Please obey these signs while they are posted. The work will take place between 7 am and 7 pm Monday through Friday. The Chip Seal process and sweeping are both weather permitting, the treatment must be applied in warm, dry weather and any rain will delay the process. Excessive heat and/or humidity can delay the sweeping.

Why do we Chip Seal our roads?

- To keep water from penetrating the road structure on our paved surfaces.
- To fill and seal cracks and raveled surfaces of old pavement.
- To seal the pavement surface-minimizing the effects of aging.
- To provide a highly skid-resistant surface, particularly on wet pavements.
- The cost of Chip Seals is 15%- 20% of the cost of pavement overlays.
- The process is extremely effective as well as good efficiency for our tax dollars.

All work will be done in a timely manner to keep access open to your residence. There may be times when traffic lanes will be restricted to one lane. Please be patient.

I hope this information is helpful. Thank you in advance for your cooperation. If you have any questions or concerns, please contact Rick Meyer at (920) 980-0198.

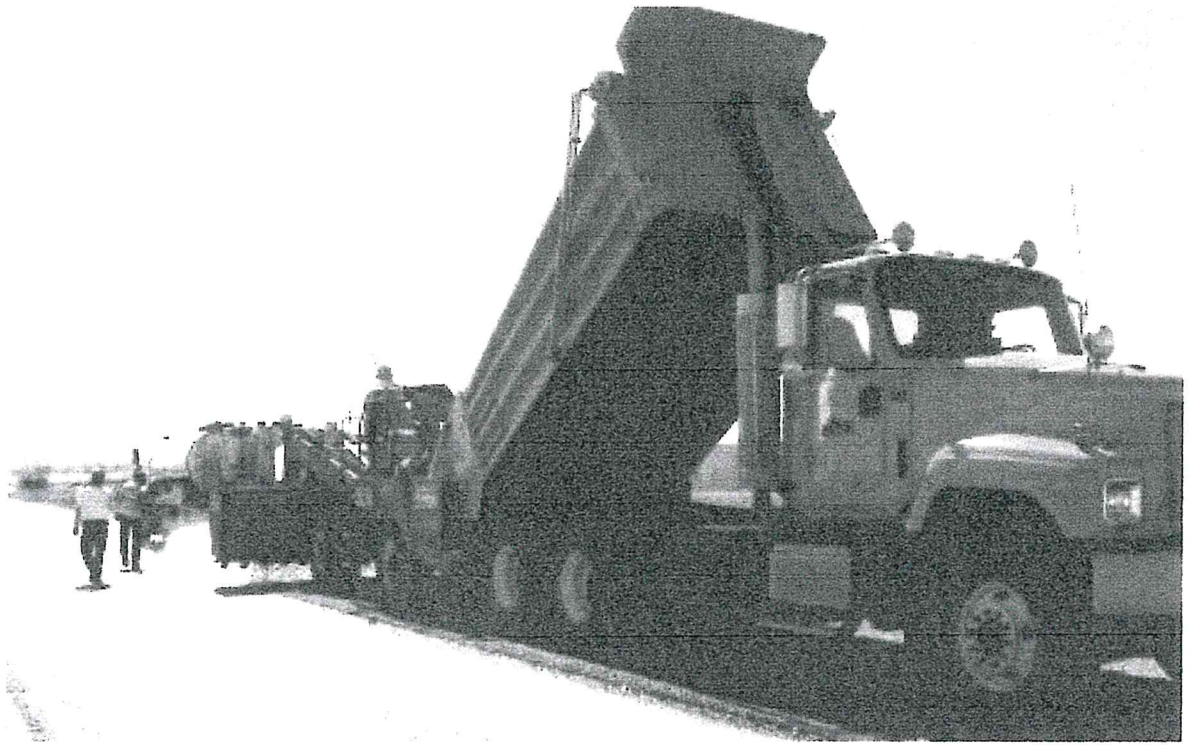
Sincerely,

Rick Meyer  
Town of Wilson  
Maintenance Department

# Chip Seal

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Chip  
Seal is a



maintenance technique that consists of applying a layer of emulsified asphalt and then aggregate to a road's surface. This treatment acts to preserve the pavement by protecting the surface from degradation caused by sun and moisture and extends the pavement life through the addition of a wearing course.

The chip seal process involves several steps over several days that will proceed in the following order.

1. Roadway sweeping – The surface of the road is swept to remove loose debris and dust to prepare it for proper adhesion of the asphalt emulsion.
2. Application of asphalt emulsion – Large distributor trucks will spray a layer of emulsified asphalt on the surface of the road.
3. Application of Aggregate - Immediately following the application of emulsion, a layer of aggregate (chip) is evenly applied on top of the emulsion. We utilize a chip spreader to transfer the aggregate from dump trucks to the road surface in a controlled manner.
4. Compaction – The chip is then compacted with rubber tire rollers. This process re-arranges the aggregate and embeds it in the underlying layer of emulsion.
5. Curing – The emulsion is allowed to cure which involves the water evaporating from the emulsion and the remaining oil stiffening. Traffic is allowed to use the roadway during this curing phase which, depending on weather, takes 24 to 48 hours.
6. Sweeping – After the curing process is complete, the roadway is swept a second time to remove loose aggregate (chip) that did not become embedded in the emulsion.
7. Pavement Marking – The final step in the chip seal process is to replace the pavement markings that were covered up. This includes centerline and edgeline paint and crosswalks