



Chipseal Road Surfacing Program

**You've been asking
We've been listening**

**We found a cost effective way to improve your road
and we are starting during the summer of 2016.**

Why Chipseal?

It is a very cost effective way of improving the road surface.
Chipsealing can be 15%-20% of the cost of traditional asphalt.

Chipsealing is used to:

- To provide a more cost effective alternative to traditional asphalt.
- To keep water from penetrating the road structure on paved surfaces.
- To fill and seal cracks on the surface of old pavement.
- To provide an anti-glare surface during wet weather and an increased reflective surface for night driving.
- To seal the pavement surface-minimizing the effects of aging.
- To provide a highly skid-resistant surface, particularly on wet pavements.



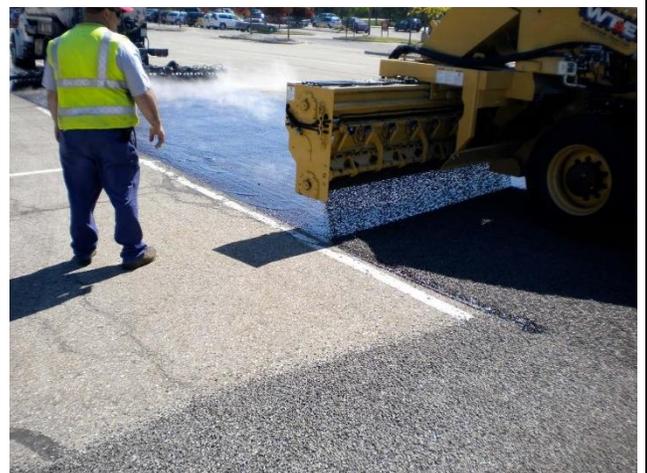
Innovative and affordable

- Investing in sound infrastructure is one of the key responsibilities of this town council.
- Council is displaying wise stewardship of public dollars that balance infrastructure needs with fiscal restraint and responsibility.
- We can balance key infrastructure maintenance and upgrades with sound fiscal management by incorporating innovative techniques such as chipseal.



Did you know...

- The Town has over 32 kilometres of roads.
- 30% of the Town's roads are considered to be in Poor or Very Poor condition.
- To prevent the percentage of roads in Poor or Very Poor condition increasing over the next few years \$475,000 would need to be spent annually using traditional asphalt paving.
- To improve the overall condition of the Town's road network, \$550,000 would need to be spent each year using traditional asphalt paving.
- The cost of repaving a road rises exponentially as it deteriorates. Ideally a road should be repaved before the average driver notices an issue with the driving surface.
- Over the past 5 years, the funding through taxation available for all Town projects, excluding water and sanitary, ranged between \$260,000 and \$360,000.



- Often there can be water, sanitary, or drainage pipes that need to be replaced before a road is paved which can add considerable costs to a project.
- A 1% tax increase would only raise approximately \$25,000 for the Town.
- Some roads that are proposed to be chipsealed will need to have the existing asphalt ground up (milled) and compacted prior to chipsealing. Others are in better shape and will be chipsealed over the existing asphalt.
- The cost to pave Hillcrest Road:
 - Traditional Asphalt: \$230,000
 - Milling and Chipseal: \$50,000
- As an example, if Hillcrest was in better shape and able to have chipsealing applied directly on the asphalt the cost of chipsealing would have been approximately \$10,000.
- A traditional asphalt road has a lifespan of approximately 20 years.
- The lifespan of a chipseal ranges between 7 and 15 years but can last as long as 20 years, depending on traffic volumes and ground conditions.

