

## **ADVANTAGES OF CHIP SEALING**

Chip sealing and traditional pavement (asphalt paving) are two different methods used for road surfacing, each with its advantages. Here are the benefits of chip sealing over traditional pavement:

1. **Cost-Effective:** Chip sealing is generally more affordable than traditional asphalt paving. It requires less material and labor, making it a budget-friendly option for maintaining roads. Generally speaking, it is half the cost of traditional paving.
2. **Quick Installation:** The process of chip sealing is faster, allowing roads to be reopened to traffic more quickly than with traditional asphalt paving. This minimizes disruption to traffic and reduces the overall inconvenience to road users.
3. **Improved Traction:** The rough surface created by chip sealing enhances tire grip, improving vehicle traction and reducing the risk of skidding, especially in wet conditions.
4. **Preventive Maintenance:** Chip sealing is often used as a preventive maintenance measure. It seals small cracks and prevents water from penetrating the road surface, which can lead to larger potholes and more extensive damage over time.
5. **Flexibility:** Chip sealing can be applied to a variety of road surfaces, including existing asphalt, gravel, or dirt roads. This makes it a versatile option for different types of road conditions.
6. **Extending Road Life:** By sealing and protecting the underlying road surface, chip sealing can extend the life of the road, delaying the need for more extensive and expensive repairs or complete resurfacing.

In summary, the implementation of chip sealing in Plainville has proven to be a cost-effective, quick, and versatile solution for road maintenance. While traditional asphalt paving remains the preferred choice for heavily trafficked roads requiring a smoother, more durable surface, chip sealing offers an excellent alternative for less trafficked or rural areas, ensuring the longevity and safety of our Town's roads.

Presented below is a partial list of roads in Plainville that we have successfully applied chip-sealing:

- Landau neighborhood
- Morningside
- Colonial Way neighborhood
- Warren Street
- Rhodes Street
- Hancock Street
- High Street
- Hawkins Street