



CHIP SEALS

Protect Underlying Pavement and Improve Skid Resistance

Chip Seals, the most widely used pavement preservation surface treatment, are a cost-effective solution for protecting aging pavement surfaces by sealing and waterproofing the existing pavement. Applied as either a single or double-layered treatment, chip seals combine a spray-applied asphalt emulsion with clean, uniform cover aggregate that produces a new skid-resistant wearing surface.

Chip seals provide increased durability and are typically applied to roads with traffic volumes up to 2,500 vehicles per day. Double chip seals may be used on roads with slightly greater distresses as a means to improve resistance to reflective cracking. Additionally, new work chip seals can be used as a low-cost alternative to HMA pavement.

Learn more about the best applications for Chip Seals in your road network today!



**All States
Materials Group®**



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WHAT

Quick construction process that seals and waterproofs the existing pavement surface

- Spray application of polymer-modified asphalt emulsion
- Placement of clean, single-sized cover aggregate
- Rolling and optional sweeping once surface has cured
- Used as a single, double or new work application



WHERE

Low volume, sound structural pavements with minor surface distress

- Roads in good overall condition showing signs of low severity cracking, oxidation or raveling
- Ideal for rural or low volume roads in need of a new, skid-resistant wearing surface



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WHY

Seals the pavement from water intrusion and oxidation, protecting the underlying layers

- Waterproofs and seals small cracks and imperfections, preserving structural integrity
- Enriches aged and oxidized asphalt pavements
- Improves skid resistance and provides durable wearing surface
- Provides additional protection and value on more deteriorated roads when applied as a double seal