Asphalt Materials, Inc.

Chip Seal

Single Most Cost Effective Pavement Preservation Technique

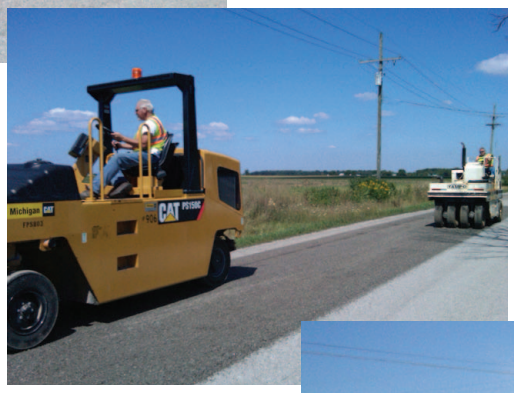
Description

Chip Sealing is a multi-stage process that begins after the imperfections in the roadway surface have been corrected and the surface has been swept and prepared.

Chip seals consist of spraying a designed quantity of asphalt binder onto an existing pavement surface immediately followed by an aggregate chip spreader which applies a clean, uniform, even layer of single size cover aggregate over the binder. The cover aggregate is then physically rolled into the binder to achieve adequate bonding and embedment. Lastly, the chip seal surface is swept to remove excess aggregate and loose material from the roadway providing a safe pavement surface.

Benefits

- Protects the Underlying Pavement Structure from Moisture Damage
- Seals Small Cracks and Imperfections
- Reduces Aging and Oxidation of Asphalt Surface
- Extends the Life Cycle of a Pavement
- Restores Friction to Roadway Surface
- Environmentally Friendly
- Polymer Modification Improves Early Chip Retention
- Polymer Modification Improves the Chip Seal's Flexibility



Application

Chip seals are designed to be constructed on pavements in relatively good condition with little to no structural deficiency. Application istypically performed during the summer months to ensure complete aggregate bonding and emulsion curing.

Premium emulsion quality and proper chip seal design provide reliable, cost effective performance with an environmentally friendly pavement preservation technique for both low and high volume roads.