

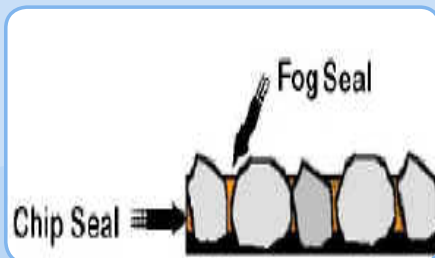
# CHIP SEAL



## What is Chip Seal?

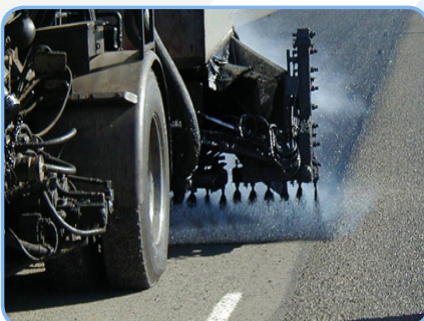
Chip Seal is a surface application used for protection, resuming and extending a life of an existing road or street. Such kind of coatings are applied by laying and compressing the aggregates in suitable size and shape after application of liquid asphalt as a thin layer on a base layer or an existing coating layer. Aggregates may be one or more layers as per the need.

## What is Fog Seal?



Fog Seal is a thin application of slow-setting asphalt emulsion, which is diluted with water, to the existing surface. Usually it is applied for the renewal of old asphalt surfaces which became dry and brittle within years. At the same time, it is also used for the coating of newly applied Chip Seal surfaces. The coating of new chip sealed surfaces prevents dust, loosening of new applied grits, increases the road comfort by providing the tire noise and rough surfaces. It extends the life of the Chip Seal without requiring a new application.

## Application of Fog Seal and Chip Seal



Ground is made suitable for chip Seal application, the liquid asphalt is applied.



Chip Seal application is performed in comply with its specification



Then, after the Chip Seal is completely hardened and the traffic run for about 2 months, Fog Seal is applied

## Why Chip Seal?

Chip Seal application should be preferred when the existing coating is deformed as not possible to be rehabilitated by Slurry Seal application, but not deformed as to require an expensive asphalt coating.

Chip Seal creates a new abrasion surfaces as well as preventing the water penetrations to harm the road body.

It is quite common on low-volume road due to being economic. But, with the developing of technology and equipment, the Chip Seal became popular in residential areas and high volume roads.



In 2005, status of a deforming road before Chip Seal application



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## Advantages of Chip Seal application

- Increased safety with improved skid resistance,
- Creating a impermeable layer at the surface,
- Providing long-term abrasion surface,
- Extending the life of existing coating,
- Correcting the small cracks and surface deformations,
- Being a quick application and opening to service short time after the application, (But it is required that the Traffic to move in low speed for a certain period)
- Having a low cost.

## For a Successful Application

Chip Seal design, suitable selection of application area, coating conditions, climate, equipment, construction techniques, appropriate application, quality control and experience are significant factors. You can submit your works to the experience hand of our firm. In case you have a question or need additional information, please contact us.



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