

indus

Treatment Overviews

Fog Seal Rejuvenator

Designed to slow the aging of an existing asphalt surface, fog seal rejuvenators improve pavement by addressing natural wear and tear.

BENEFITS:



Keeps good roads in good condition at a lower equivalent annualized cost



Protects pavement from moisture and oxidation



Addresses minor surface cracks and raveling




Increases road safety by improving contrast between pavement and road markings





Crack Seal


A simple sealant, crack seal can help prevent serious pavement issues from happening down the road. It's the most cost-effective way to prevent more deterioration.


BENEFITS:


 Reduces potholes and other future problems

 Prevents water intrusion

 Prevents incompressible materials from pushing asphalt upward

 Low equivalent annual cost

 Allows for roads to be reopened to traffic quickly

 Sealing cracks can extend road life by 2 to 5 years



Hot-Applied Mastics

A versatile tool for repair wider crack and potholes, hot-applied mastics can be used to solve a wide variety of pavement problems. Easily-applied, high-performance asphalt can stop water infiltration and restore ride quality.

BENEFITS:



Maintains flexibility and resists rutting across a wide range of temperatures



Achieves 100% density without compaction



Provides a waterproof, air-tight seal



Adheres to asphalt and concrete surfaces



Micro Surfacing

A low impact preservation process, micro surfacing is one of the most economical ways to extend the service life of roads in good condition before more serious deterioration occurs.

BENEFITS:



Extends road life by an average of 6 to 9 years



Improves skid resistance and uniformity of appearance



Allows for roads to be reopened to traffic quickly



Reduces overall lifecycle costs through minimal raw material requirements








Reduces energy use by 54% or more compared to traditional hot mix methods



Cape Seal

Best for roads in moderate or fair condition, cape seals combine the benefits of chip seal and micro surfacing to give roads a comprehensive facelift with minimal effects on traffic.

BENEFITS:

-  Extends road life by 8 to 10 years
-  Seals cracks and protects roadways from moisture and oxidation
-  Allows for roads to be reopened to traffic quickly
-  Creates smooth, aesthetically pleasing finished surface
-  Reduces energy use by 15% when compared to HMA overlay



Cold In-place Recycling

Even if a road is in bad condition, cold in-place recycling can take the existing asphalt pavement and recycle it in a cost-effective, long-lasting road rehabilitation technique.

BENEFITS:



Can reduce costs up to half of traditional total reconstruction methods



Accelerates construction times compared with conventional reclamation or reconstruction

2x

Lasts up to two times longer than shallow mill-and-fill



Extends road life by 15 to 20 years



Reuses 100% of existing material and reduces greenhouse gas emissions by up to 90%



Paver-Placed Stabilized Full Depth Reclamation

Sometimes a road deteriorates to a point where preservation is no longer an option. When it does, paver-placed stabilized full depth reclamation recycles pavement with performance additives to strengthen the road while remaining open to traffic.

BENEFITS:



Recycles and reinstalls in one continuous process



Removes need for windrows or motor graders



Reduces traffic and neighborhood disruption and project duration compared to traditional methods



Adds structural benefit to the recycled layer through stabilizers



Reduces greenhouse gas emissions by up to 60%



High Friction Surfacing

For roads where skid resistance and safety are top priorities, high friction surfacing is a versatile solution. It can reduce skidding on curves, intersections, bridges, and more. With contrasting colors, it can calm traffic in bike lanes, crosswalks, and other non-car areas.

BENEFITS:



Improves safety through excellence skid resistance



Accelerates installation with quick-curing binders



Calms traffic and improves look of roads with color

