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roads. bridges. airports.

AMHERST, MA



From Pilot Program to Total Preservation

In 2024, Amherst, MA was ready to broaden their pavement preservation toolbox. But testing new strategies couldn't lead to serious traffic disruptions. The solution? A cape seal pilot program on several neighborhood streets that led to community wide results.

New Treatments, No Traffic

Looking to avoid premature mill-and-fill, Amherst wanted to preserve roads in moderate to fair condition. But the treatment used needed to go beyond improving road conditions: it needed to maintain traffic flow and minimize stone loss on busy roads. It was time to test.

Cape Seal Hits the Mark

Bringing together the restorative qualities of chip seal with the smoothness of micro surfacing, cape seal was the winning treatment. By combining cape seal with pre-treatments like crack sealing and structure adjustments, finishing and performance stayed consistent. After a successful pilot program, Amherst had the real-world proof needed to expand preservation tools across their network.

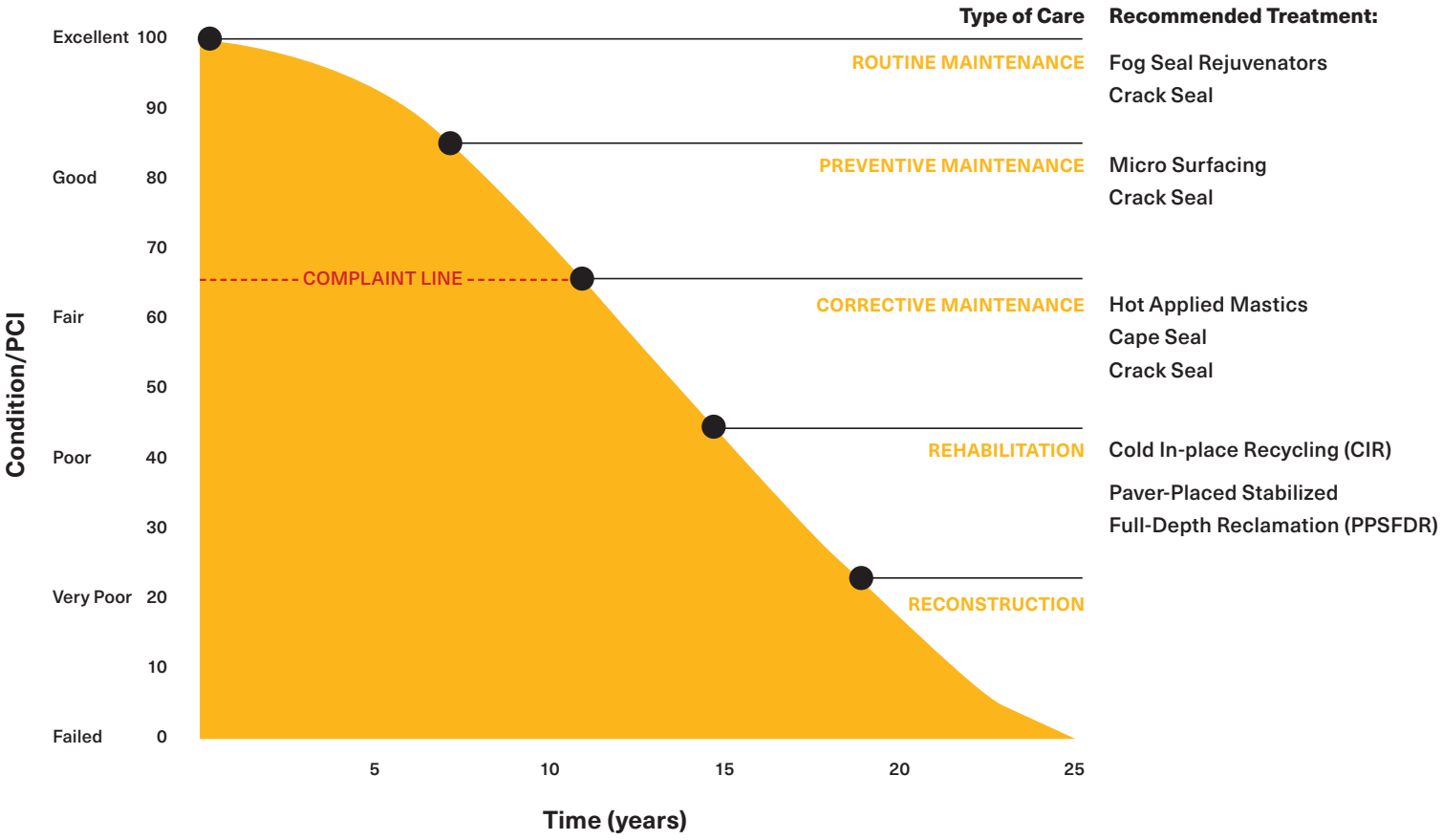
Scan to learn more about how pavement preservation helped Amherst, MA

Better for Residents and Roads

After expanding the pavement preservation program throughout the network, Amherst saw positive effects across the board:

- Improved smoothness and ride quality
- Structural strengthening of the surface layer
- Increased resistance to moisture and oxidation
- Minimal community disruption and fast return-to-service after each phase
- Cost-effective preservation that extends the life of treated roads by 8–10 years
- Reduced stone loss on main roads through the use of rubber chip on heavier-use corridors

Stay ahead of the curve



Pavement preservation is a more cost-effective approach to getting the most out of your roads and making taxpayer dollars go further. In addition to affordability, pavement preservation is sustainable, known to produce fewer greenhouse gas emissions, consume less energy, and provide faster application times than the alternative conventional approach.

By performing the right treatments over time, pavement owners can get **40 years or more of life** from their roads.

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