

Problem:

Profile loss,
oxidation,
moderate
cracking

Solution:

eFlex micro
surfacing

Success Story: eFlex

Northbridge, MA, was faced with a suburban subdivision challenge. A local housing development suffered from oxidation and moderate cracking in their pavement due to 18 consecutive years without road maintenance.

The roads were built over glacial tilt soil which usually makes for a relatively unstable base and causes significant movement in the roadway profile — even on roadways that typically see relatively light ADT (average daily traffic).

eFlex, a highly modified micro-surfacing system, was chosen as the solution to increase the durability of the 40,000 square yards of road that would be treated. Sealcoating, Inc. from Braintree, MA, applied the product, and the specific chemistry of eFlex allowed the contractor to work toward the end of the season, late in September, with no challenges imposed by the low temperatures. Overall, the disruption to the residents was minimal, and traffic returned to normal the same day construction began.

Upon completion, the treatment was deemed a success and is expected to have extended the road's life by eight to ten years. As an added benefit, the treatment has shown resistance to snowplow damage over conventional treatments, elevating eFlex as the go-to solution for Northbridge roads.

For inquiries, contact:
savemyroad@ergon.com