



TOWN OF AJAX · ROSSLAND ROAD · HOT IN-PLACE RECYCLING TEST STRIP · FALL 2026

Recycled in Ajax. Engineered in Ajax.

The existing asphalt is heated, renewed and relaid in a single pass, right where it lies, by an Ajax company using equipment developed in Ajax.

44%

Lower cost

than traditional shave-and-pave

72%

Less greenhouse gas

than traditional shave-and-pave*

74%

Less petroleum

in new material that never has to be made or hauled*

100%

Existing asphalt reused

nothing milled off and trucked away to a stockpile



BEFORE



AFTER

The same stretch before and after RSR's single-pass HIR on a Durham Region road.

An interim fix that pays off twice

Rossland Road between Audley Road and Lake Ridge Road is planned for full reconstruction in approximately four years. To address immediate needs, Hot In-Place Recycling (HIR) will provide a smooth, rejuvenated road surface at 44% less cost than traditional shave-and-pave, while helping the Town test an innovative road rehabilitation approach.

OGRA
Municipal Paving Award

OPWA
Project of the Year, Under \$2M

Won with Durham Region
for its 2024-25 HIR program

RSR

Contact: Maverick Crupi
Maverick@pave.green

September 28, 2026

A smarter, greener way to renew Rossland Road

Dear Ajax residents,

This fall, the Town of Ajax is trialling Hot In-Place Recycling (HIR) on Rossland Road. We are proud that the company doing the work, and the equipment doing it, both call Ajax home. RSR's heating and recycling equipment is engineered and maintained at our Orchard Road facility, a few minutes from this road.

HIR treats the existing road as a resource, not waste. Our equipment heats the top 50 mm of aged pavement until it softens, loosens it, blends in a rejuvenating agent to restore the binder that sun and weather have dried out, and lays it back down as a new surface in one continuous pass. Nothing is milled off and trucked to a stockpile, and far less new asphalt has to be produced and hauled in. Independent research found this process cuts greenhouse gas emissions by about 72% and petroleum-based material use by about 74% compared with traditional shave-and-pave.

It is also a responsible use of tax dollars. Rossland Road is scheduled for full reconstruction in approximately four years. This work addresses the immediate condition needs of the section between Audley Road and Lake Ridge Road, providing a smooth, rejuvenated driving surface in the interim at 44% less than traditional shave-and-pave. It also serves as a pilot project: the Town will monitor the long-term performance of this HIR strip, evaluating an innovative rehabilitation method ahead of future roadway reconstruction. By restoring the roadway now, the Town improves much-needed ride quality and preserves the surface in the meantime.

HIR has a long record in Durham. RSR first recycled roads in the Region in 1996, and our recent program with Durham Region on Shirley Road, Regional Highway 2 and Lake Ridge Road earned both the OGRA Municipal Paving Award and the OPWA Project of the Year.

Thank you for your patience while crews are on site. If you have questions about the work, please contact Maverick Crupi at Maverick@pave.green.

Sincerely,

Maverick Crupi

Road Surface Recycling Ltd. · Maverick@pave.green