



“Improving Communities, One Road at a Time”

- **Longer Lasting Roads**
- **Reduced Life Cycle Cost**
- **Less Road Maintenance**
- **Eco-Friendly Solutions**
- **Original Pavement Preservation**

OEMC
Sept. 13, 2017
Kingston, On

Today's Discussion

- ❖ Our Roads Today
- ❖ All About Reclamite
- ❖ Chemistry of Asphalt Cement
- ❖ Cost Savings using our Rejuvenator
- ❖ Other Products/Applications

IS THIS A COMMON STATEMENT
ABOUT YOUR ROADS?



Does this look familiar?



Transverse Cracking



Alligator Cracking

Goes Down *Pink*, Keeps Your Roads in the *Black*

How about this..?



Major Alligator Cracking



Raveling

Goes Down *Pink*, Keeps Your Roads in the *Black*

Reclamite®

HIGH PERFORMANCE ASPHALT REJUVENATOR

- Low Cost Solution
- Penetrating Treatment
- Maintains Pavement Condition
- Improves Road Performance
- Seals Out Moisture
- Slows Oxidation
- Fights Against UV
- >\$12,000 /km (7m wide)
- ½” into the Road, cannot be worn off
- Lasts 5-7 years per Treatment
- Re-Balances the Components of Asphalt Cement
- Delays Aging & Prevents Cracking
- Environmentally-Friendly Product Applied with Low-Carbon Technique



What happens to your road when it ages?

- The pavement becomes brittle
- The A/C can't flow or "flex" when put under stress.
- Micro cracking starts occurring in the A/C.
- Your road starts to lose "fines".
- The road surface starts to shrink and crack.
- Water penetrates the base
- Once that happens things can deteriorate quickly into alligator cracked areas, and these can turn into pot-holes, as we all know.

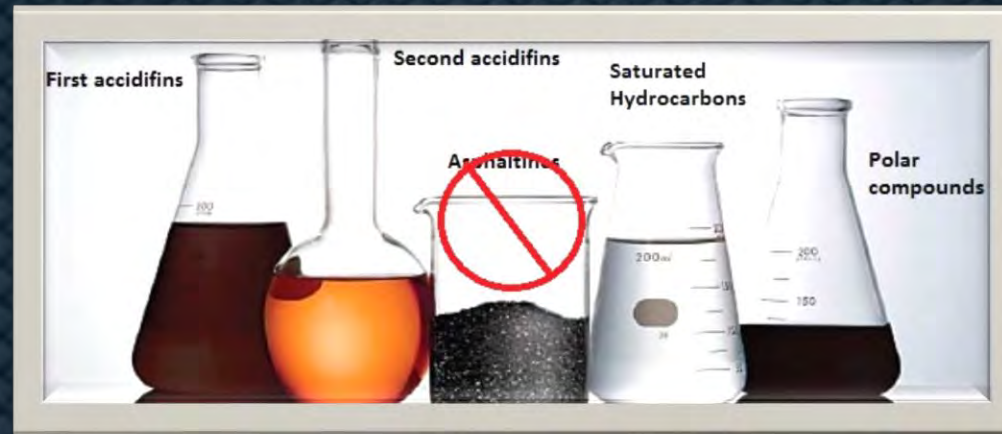
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RECLAMITE

“Adds the Maltenes back into your road”

Longer Lasting &
Better Performance



Reduced Life-Cycle Cost
& Less Maintenance

A Vitamin B shot for your road!

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Renfrew County: 74 % better bottom end temp spec... -23.2 C changed to -40.4 C

Viscosity through DSR improved by 96%.

City of Kingston: 18% better bottom end temp spec... -30.5 C changed to -36.1 C

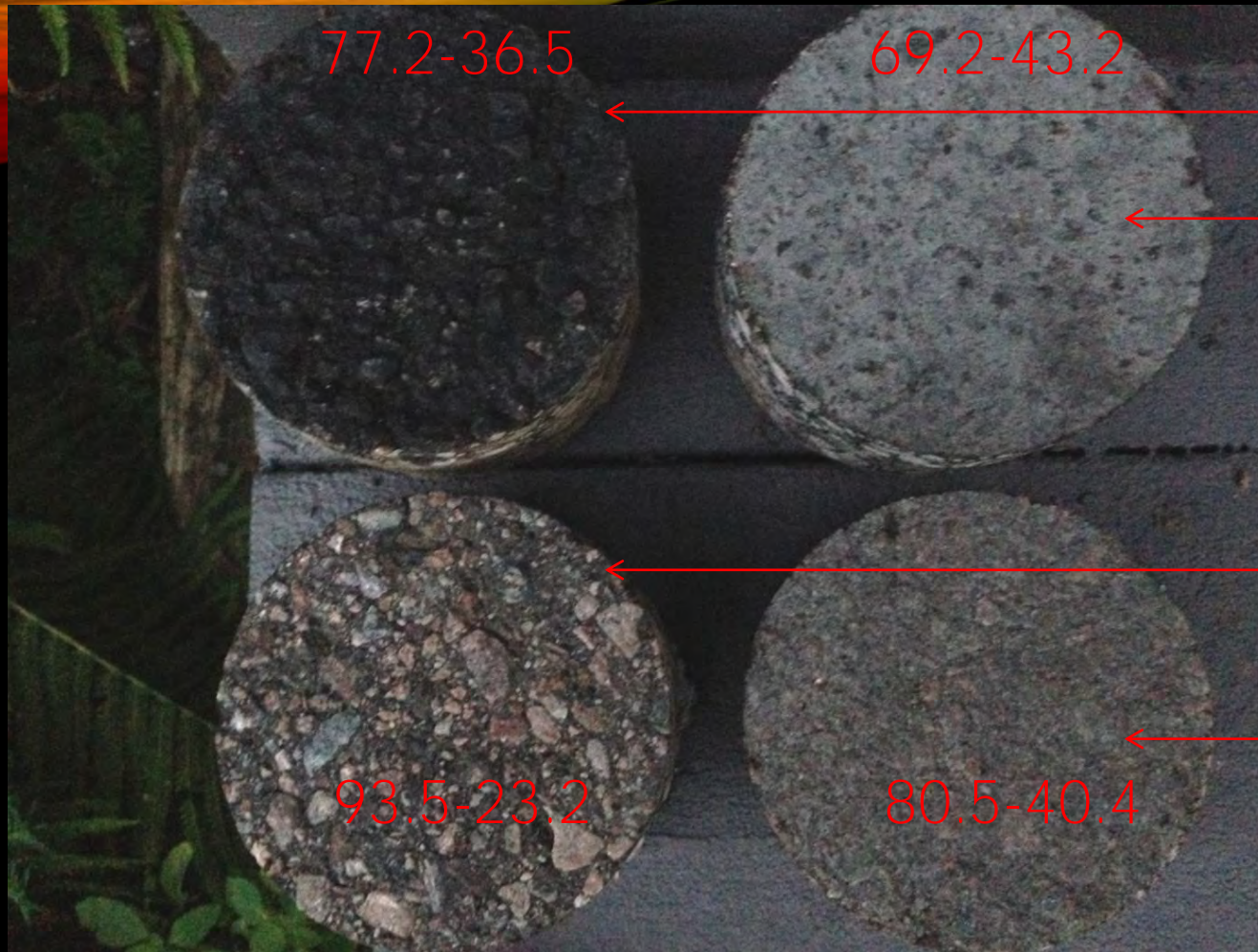
Viscosity through DSR improved by 44%.

South Frontenac: 11% better bottom end temp spec... -31.6 C changed to -35 C

Viscosity through DSR improved by 34%.

Haliburton County: 17% better bottom end temp spec... -32.6 C changed to -38 C

Viscosity through DSR improved by 64%



New asphalt untreated

New asphalt treated

7 year old asphalt untreated

7 year old asphalt treated

What will my road look like?



Summer



Spring/Fall



Winter

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Cracks are partially sealed

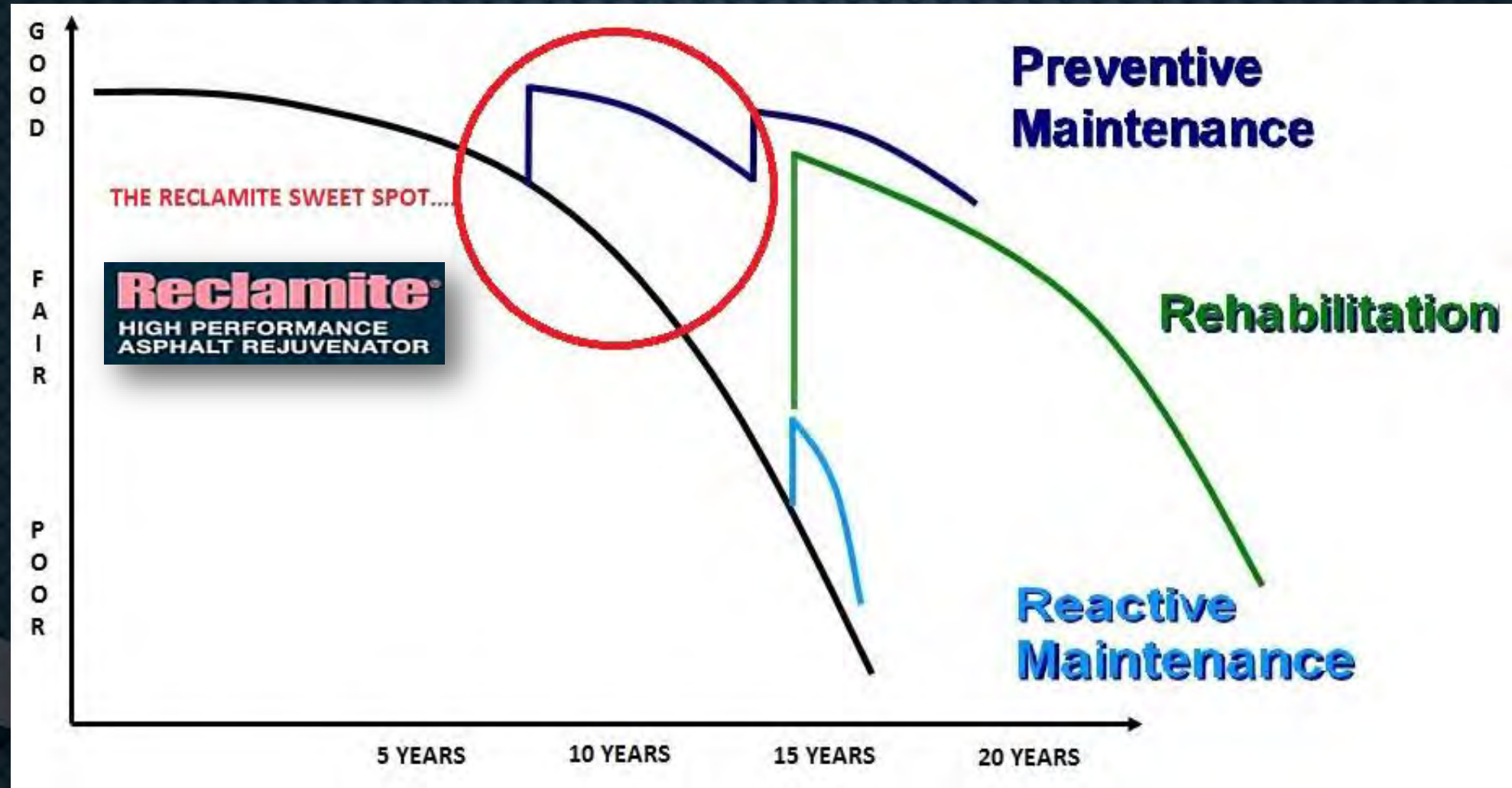








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Reclamite on RAP

From This..

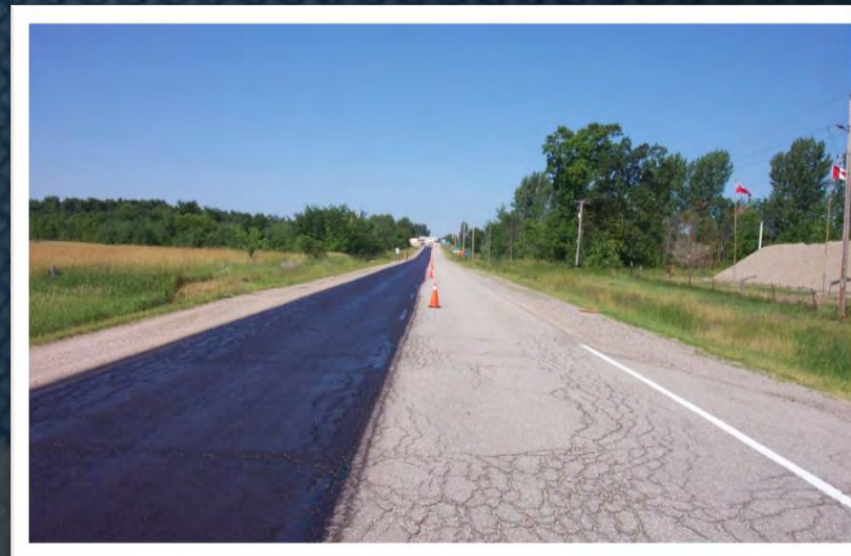


To This..



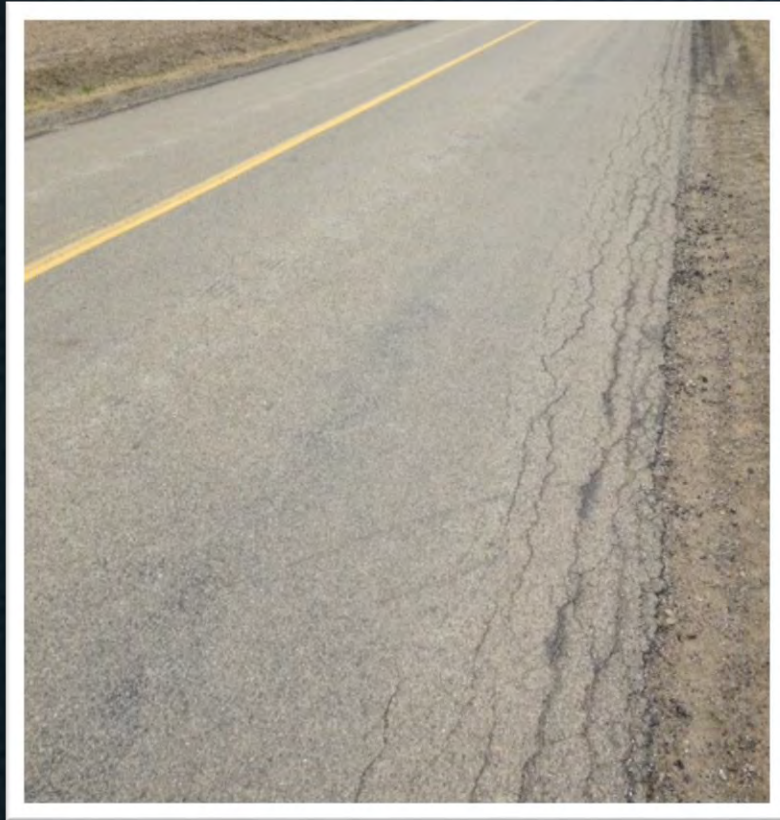
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CRF Restorative Seal

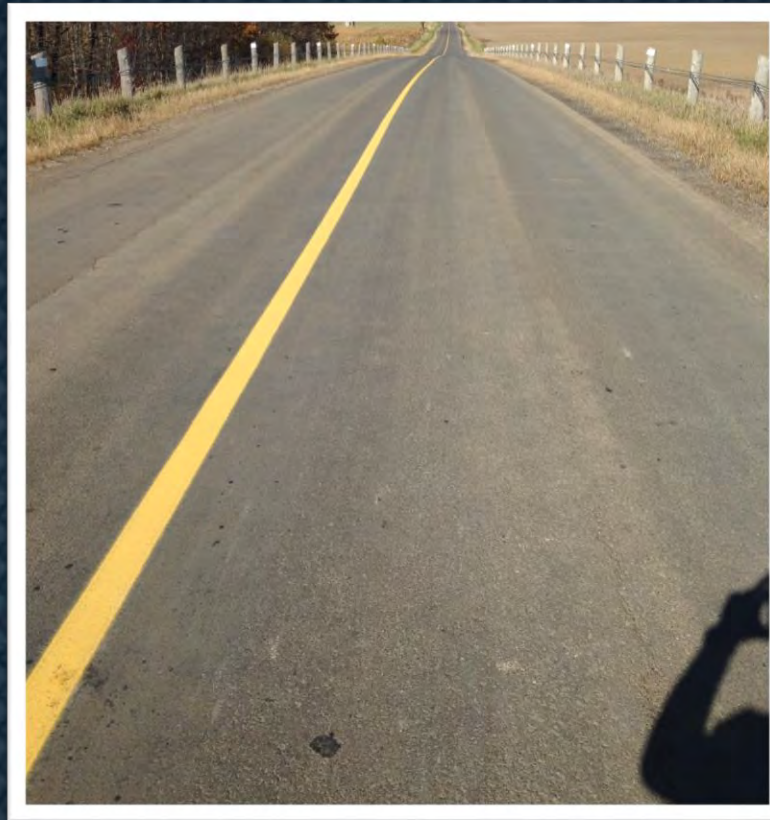


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CRF Restorative Seal



Before



After



Difference

Goes Down *Pink*, Keeps Your Roads in the *Black*













QUESTIONS?