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www.cityoframsey.com

July 5, 2022

2022 Reclamite Pavement Rejuvenator Project Notice

You are receiving this notice because the pavement on your street is scheduled to be treated with a pavement rejuvenator product called Reclamite. The work is proposed to occur between July 19th and 21st. As always, this construction schedule is weather dependent. Detailed information on Reclamite can be found on Corrective Asphalt Material's website, www.CorrectiveAsphalt.com, and in the enclosed brochure. Project specific information can be found on the City project webpage, <https://www.cityoframsey.com/875/Pavement-Rejuvenator-Improvements-IP-22->.

Parking Restrictions

No On-Street Parking will be allowed from July 19 – July 21 (or until sweeping is complete), between the hours of 7:00 a.m. to 7:00 p.m. Several streets within the City are proposed to receive Reclamite treatments during this three-day window. No Parking signs will be placed the day before the project will be on your street.

Sprinkler System / Sump Pump Discharge Restrictions

If you have a lawn sprinkling system which sprays or drains onto the street pavement you should turn it off for the day in which work will be performed on your street and one day following the treatment. Also, please refrain from discharging your sump pump onto the street during this time. If you absolutely must use your irrigation system, please do so after 7:00 p.m.

Project Purpose

The City of Ramsey suspended its annual pavement seal coat program in 2019 after observing damage to numerous streets which were seal coated due to a phenomenon called pavement stripping under seal coats, which causes the upper inch or so of pavement to disintegrate over several years. Over the last few years, other metro cities experiencing pavement stripping issues have begun treating their streets with Reclamite, which is a maltene based rejuvenating agent designed to extend the life of pavement by sealing the pavement from the elements from within.

Project Process

Once the Contractor begins working, the process typically only takes a few hours. The material is sprayed onto the pavement in a one pass application and is covered with a limestone screening after a short time. Once the road has been treated with limestone screenings, the road will be fully opened to traffic. The screenings will be swept up in a day or two after the product is applied.

If you must drive on pavement treated with Reclamite, please stay on the side of the street that has been treated with screenings. When driving on screenings please go slow and use caution. **PLEASE DO NOT DRIVE ON THE FRESH OIL.** Be advised that driving on to the fresh oil (area not covered with screenings) may cause “tracking” from your vehicle and may cause driveways, sidewalks, etc. to become temporarily stained. This “staining” is only temporary and will fade over time.

These agents are environmentally safe and extend the pavement’s life. A bug and tar remover (available at any local auto parts store) will safely remove any material on your vehicle, the sooner the easier it will be to remove. Please contact me to work through any inconveniences or issues during or following the application process.

Contact Information

Please contact me at jferiancek@cityoframsey.com or (763) 433-9893 with any questions related to this letter or the project in general. If you have any special needs for parking on your street during the time this work is scheduled to occur, please let us know as far in advance as possible.

Sincerely,



Joe Feriancek
Civil Engineer II

Reclamite® Petroleum Maltene-Based Rejuvenating Agent

► What is Reclamite?

According to the National Center for Pavement Preservation “a true asphalt rejuvenator is a maltene-based petroleum product which has the ability to absorb or penetrate into an asphaltic concrete pavement and restore those reactive components (maltenes) that have been lost from the asphalt cement binder due to the natural process of oxidation.”

Reclamite comprises the same maltene fractions as the asphalt binder. Reclamite is refined from a naphthenic (wax free) base that seals and preserves the surface “in-depth”.



► How does it work?

Reclamite has been used for more than 50 years and is proven to add 5-7 years service life to pavements. It penetrates, rejuvenates and seals the surface by replenishing the lost maltene fraction in the asphalt binder. Maltene is necessary to make the surface durable and flexible. Reclamite fluxes with the asphalt binder, restoring the aggregate/asphalt bond.

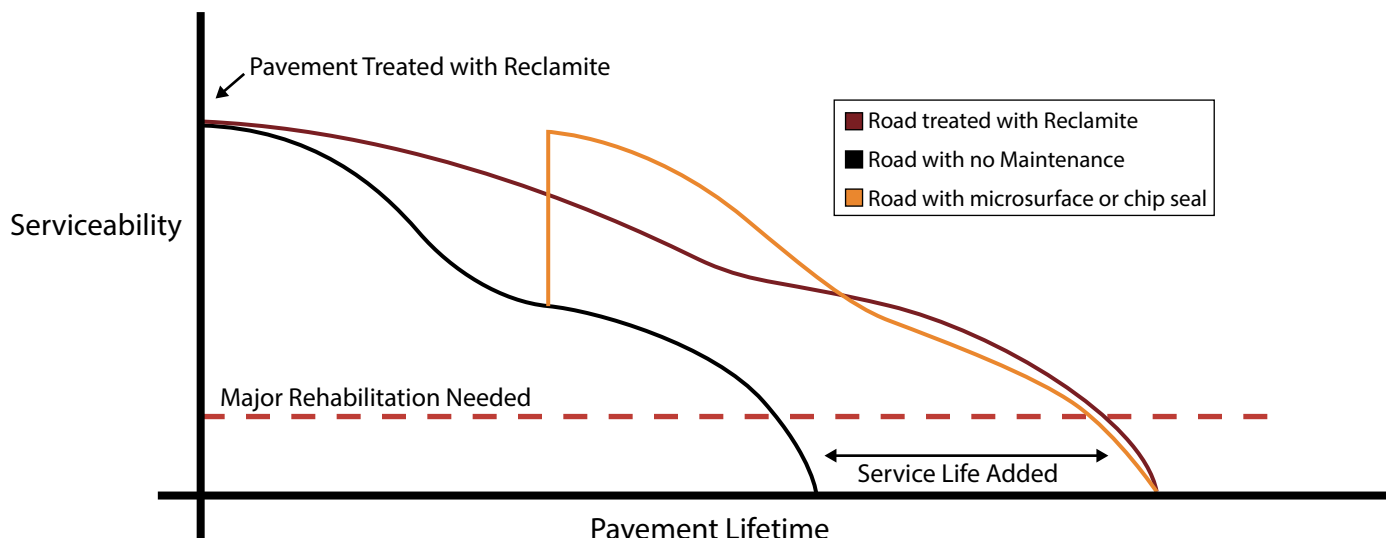
Reclamite prevents raveling and stripping and, by densifying the pavement’s surface, it helps address compaction issues, reduces surface permeability, and prevents air and moisture intrusion. It adjusts viscosity and penetration values. It does not contain degreasers, solvents or creosotes.

Components of Asphalt.



► When should Reclamite be used?

Reclamite is a “top-of-the-curve” application. Apply to newer pavement (less than six years old in northern climates, less than ten years old in southern climates) that shows minimal signs of surface deterioration.



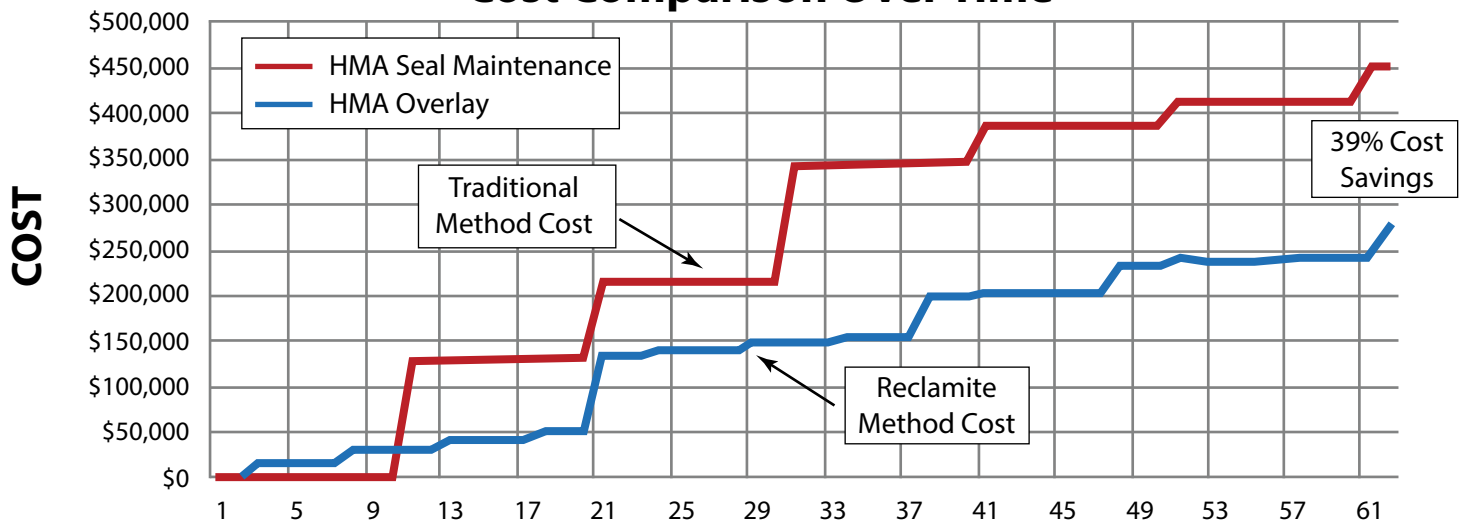
► How is Reclamite applied?

Reclamite is sprayed like a fog seal. The emulsion is diluted with water to 60 percent Reclamite. Application rates average between .05-.08 gallons per square yard. It is applied in one pass, has a 20-45 minute cure time and leaves no surface coating. Then a light coating of sand or limestone screenings is applied (1-2 pounds per square yard). The screenings are swept between 1-2 days after application. Striping is not compromised and remains visible throughout the application process.



Application of Reclamite

Cost Comparison Over Time



Source: Town of Avon, Indiana Preservation Study. Schneider Engineering Case Study Presented at Purdue University www.youtube.com/watch?v=dYIDAA2Ey4k

AVON PASER AVG. 1999-2013

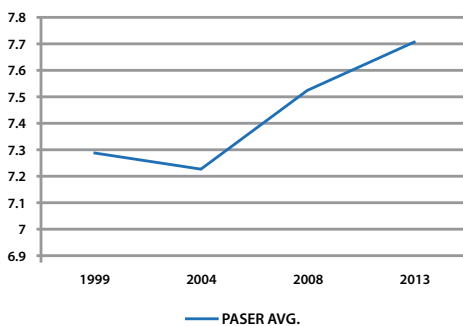


Chart shows average Paser ratings increasing after Reclamite program was initiated



Photo taken in November 2015