

Microsurfacing

Microsurfacing – Microsurfacing is similar to a [slurry seal](#) but is a more costly pavement treatment method. Microsurfacing is a stiffer mixture consisting of polymer modified asphalt emulsion, graded aggregates, mineral filler, water and other curing chemical additives. Microsurfacing uses stronger aggregates and enhanced emulsions with higher stiffness, which allows for thicker layers to be placed. These aspects give Microsurfacing the ability to fill in pavement ruts, correct minor surface profile irregularities, provide higher durability, and it can be placed at night or in cooler temperatures. Microsurfacing will restore a uniform surface texture to improve visibility, skid resistance and road handling. Microsurfacing extends the life and preserves the pavement infrastructure for an average of 5 to 7 years.

Construction process:

1. Pavement failure areas will be dug out and repaired.
2. Street cracks will be cleared of vegetation and debris. The cracks will be filled with a crack sealant to prevent water intrusion.
3. 72 hours prior to the Microsurfacing process, affected residents/property owners will be notified via written notice by the City's Contractor.
4. On the day of Microsurfacing, the City's Contractor will sweep the street clean, and then apply the Microsurfacing mix to the street.
5. The street will remain closed until the Microsurfacing has had time to cure, which is approximately 1 to 2 hours.
6. Permanent striping will be replaced approximately two weeks after the final surfacing.