Aknowledgements

- Darryn Olson
- Arizona General Contractors
- Arizona Asphalt Pavement Conference
Fiber Microseal

What is Microseal?

Surface treatment that consists of emulsified asphalt with a minimum of 4% polymer solids, water, type II or type III aggregate, type I/II Portland cement and a retarder, (Aluminum Sulfate).
Fiber Microseal

Fiber Reinforced Microseal

Fiberglass Fibers  Polymer based Fibers
Fiber Microseal

Application Process

- Emulsion Storage Tank
- Water Storage Tank
- Aggregate Hopper
- Mineral Fines Feeder
- Roller Bed Conveyor
- Mixer
- Dual Ram Lift Arms
- Air Cooled Diesel Engine
- Drive Train
- Aft-Facing Operator's Console
- Mixer Gate and Slurry Diverter
- Spreader Box
Fiber Microseal

Application Process
Fiber Microsurfacing

Suitable Pavements
Fiber Microsurfacing

Suitable Pavements
Fiber Microsurfacing

Not Suitable Pavements
Fiber Microsurfacing

Benefits

- Level pavement surface
- Fill ruts and small cracks
- Restore surface friction
- Increase pavement life 4-6 years.
Fiber Microsurfacing

Summary

- Preventive maintenance treatment.
- Cost effective.
- Open to traffic early.
- Increase pavement life 4-6 years.
Thank You!!