**Idea Name:** Effective treatment for pavement with lots of cracks

**Idea Description:**
We have historically chipsealed pavements with very small cracks with good success and used crack sealing for individual larger cracks. We have several roads currently that have a large volume of larger cracks. If we were to crack seal these roads, they might have a cost similar to chip sealing, and still need to be chipsealed to seal up the smaller cracks. We are looking into a scrub seal, but haven't heard of that being used much in Ohio or any other preventative maintenance technique that would be cost effective.

**Comments**

I've seen a demonstration of a scrub seal. In my opinion it is nothing more than a chip seal with a heavier application of emulsion. The broom just levels out the emulsion across the surface. Unless all the cracks are individually cleaned out with an air gun, I do not think it gets into the cracks anymore than a regular chip seal does when using a tractor broom.

Large cracks are particularly challenging to adequately repair. ODOT in its Pavement Manual, section 551, says that crack sealing is not acceptable for cracks wider than one-inch. They recommend full depth repair. Spray patching may be a lower cost alternative and there are some new materials on the market that may be useful, Crafco-Mastic one and Polypatch.

We crackseal all roadways before we chip them. It makes a world of difference. The cracks typically stay closed. On alligated sections we often use a durapatch to level things up. Also works very well and is very cost effective.