## **RAP Slurry Seal**

Tyler Wollmuth, PE
Assistant M&R Engineer
NDDOT Materials & Research Division

Aggregate production for the RAP chip seal test project produced a lot of oversized and fine material in addition to the RAP chips. The fine material was submitted for testing and found to meet the gradation for NDDOT Type II aggregate for Micro-surfacing/Slurry Seal.

The contractor submitted the RAP fines material for a slurry seal mix design and then built a 1.5-mile test section. This test section is on ND 3 from the Jct of ND 34 (Napoleon) North about 1.5 miles.

Placement was the same as a slurry seal. The material has performed like a typical micro/slurry application thus far.

This process will provide an emulsion savings of 15-20% when compared to a slurry seal using virgin aggregates.

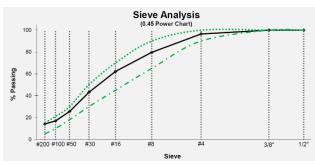
## Applications:

- Use when RAP material is available in the form of millings or a new stockpile.
- Use in combination with Micromilling to improve ride and remove problem rumble strips.
- Use as an alternative to HMA overlay when you do not need additional pavement structure.





**RAP Fines** 



Fines in a Type II Aggregate gradation



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2 Years after construction