

## NCHRP 20-44(26) Demo Project Maryland State Highway Authority Micro Surfacing

### Project Overview

This is a 3.76-mile project from MD-258 to MD-468 (MP 3.5 to MP 5.28) on MD-256 in Anne Arundel County.

The preservation treatment consisted of asphalt patching, as needed in some areas, followed by two lifts of Micro surfacing. The adopted changes from the AASHTO specifications included the aggregate stockpile tolerance, sand equivalency or LA abrasion values. Also, the following aggregate testing were added as well: Wet Cohesion ISSA Technical Bulletin (TB) 139, Wet Stripping TB 114, Lateral Displacement TB 147, Excess Asphalt by LWT Sand Adhesion TB 109, and Saturated Abrasion Loss TB 144.

For comparative purposes two sets of micro surfacing specifications were used. The new AASHTO guide specifications were implemented on the east bound direction while the current MSHA specification was used on west bound direction. The stated plan was to monitor and assess the performance of this preservation treatment in each direction. The subsequent findings will drive the revision or update of the current MD specifications as deemed warranted or necessary.



There were no issues or problems encountered in completing the construction of the subject project.

### Project Details At-a-Glance

<b>Agency:</b>	Maryland State Highway Authority
<b>Route/Location:</b>	MD-256 in Anne Arundel County
<b>Area/Length:</b>	3.76-mile (MP 3.5 to MP 5.28)
<b>Classification:</b>	Urban Minor Arterial
<b>Pre-Condition:</b>	IRI = 85 in/mile

