

## ETF Subcommittee on Research

Our Mission: Successful development of problem statements

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<b>Short and Long-Term Research Needs</b>		
<p><b>(1) Materials Standards Research</b> Review pavement preservation related research that has been completed within the last 5 years.</p>	<p><b>(2) Equipment Research</b> Review needs and enhancements for construction equipment and pavement condition assessment vehicles.</p>	<p><b>(3) Review Research Roadmaps</b> Review TSP Research Roadmap on the NCPP, MN Road, FHWA, and NCAT.</p>

**3/8/22 Web Meeting Minutes**

<b>(1)</b>	<b>(2)</b>	<b>(3)</b>
<p>Test method research from ISSA on the mold thickness for the wet track test. This is ongoing.</p> <p>Standardizing the triple track loading wheel. This is ongoing.</p> <p>Asphalt content via ignition oven of micro. Ongoing work by NCAT.</p>	<p>Either big or small we are looking for improvements. Small improvements or large shifts in equipment are needed.</p> <p>Tech in HMA is advancing but PP equipment is lagging.</p>	<p>Research Road Maps: FHWA <a href="#">Link</a> TSP <a href="#">Link</a> NRRRA <a href="#">Link</a> Links to MN Road and NCAT (lee road) research roadmaps are still needed.</p> <p>The roadmaps posted on the NCPP website (<a href="http://www.pavementpreservation.org">www.pavementpreservation.org</a>) are currently not available due to a technical issue that is being worked on to resolve.</p> <p>Performance tests here could be opportunities for creating precision and bias for testing through round robin testing. ACTION Item: Reach out to Travis.</p> <p><a href="#">Add links to the road maps in the notes.</a> <a href="#">FHWA: 6-8 areas in preservation to look at. Find gaps and identify performance testing that can be used in Pavement Preservation.</a></p>
<p>Is there any research on getting RAP or crushed concrete into PP specifically Micro? Greg Duncan did a TRB webinar on this subject. Also see email attachment with this info.</p>	<p>Sampling from a pugmill research: Would require a sampling device on the equipment and/or a standard for how to sample.</p>	<p>Look at new performance tests or other tests. Opportunity to add tests to AASHTO resource PSP program.</p>
		<p>Illinois DOT has a RR on an extraction test. Sent samples to Distracts and Travis, Heritage, et al. Texture measurements for embedment depth study ongoing.</p>