***‘Performance of Recycled Asphalt Shingles (RAS) in Hot Mix Asphalt’***

**National Pooled Fund Study TPF-5(213)**

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April 15, 2012

During the tenth quarter, January 1, 2012 through March 31, 2012, the TPF-5(213) team achieved the following components on the project:

1. The third pavement distress surveys were completed for Indiana, Iowa, Minnesota, and Missouri; the second pavement distress surveys were completed for Colorado and Illinois; and a pavement distress survey was completed for Wisconsin.
2. ISU completed the fabrication of dynamic modulus samples for Illinois, Colorado and Wisconsin.
3. ISU completed beam fatigue laboratory testing for Iowa, Indiana, Minnesota, and Missouri mixes.
4. ISU completed the fabrication of beam fatigue samples for Illinois, Colorado and Wisconsin mixes.
5. MnDOT began binder extractions on Illinois, Colorado and Wisconsin.
6. Next steps for the study include:
7. Completion of MnDOT binder extractions for Illinois, Colorado, Wisconsin;
8. Completion of Semi-circular bend testing for all state demonstration projects;
9. Updates to the TPF-5(213) website;
10. ISU laboratory testing of Illinois, Colorado and Wisconsin dynamic modulus samples;
11. Draft executive summaries for state demonstration projects for the final report.