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## Louisiana Moving Forward With Rubberized Mix

Active research by Louisiana State University (LSU) has been exploring hot mix asphalt (HMA) mixtures containing high Recycled Asphalt Pavement (RAP) with crumb rubber additives. Among other things the research by the Louisiana Transportation Research Center (LTRC) at LSU characterized different mixes with an eye on how crumb rubber might improve performance by helping to revitalize aged binders, thus assisting in resisting fatigue cracking.

The state of Louisiana Department of Transportation (DOT) placed and tested several pavements of various designs with rubber in the late 1990s. The sections were monitored by the Louisiana Transportation Research Center and performance reports noted that some

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## Liberty Tire Recycling Expands Operations in New York and Ontario

Acquisition of High Tread International Enhances Company's North American Growth

Pittsburgh-based Liberty Tire Recycling, has expanded in the New York and Ontario market areas with the acquisition of High Tread International. The new Liberty Tire facility in Lockport, N.Y. complements previously acquired assets in the Buffalo area, and includes an experienced management team that has provided decades of innovation to the tire recycling industry. In addition to the Lockport facility, Liberty Tire has been working with the High Tread team on the design and construction of a new facility in Brantford, Ontario, Canada.

"We're always looking for smart, strategic ways to expand our recycling capabilities and product array. The acquisition of high-quality operations like High Tread International is an important component of our growth," Jeffrey Kendall, chairman and CEO of Liberty Tire Recycling said. "The team at High Tread is well known in the industry for manufacturing high-quality recycled rubber. We're certain this acquisition will position Liberty Tire as the premier recycled rubber producer and service provider throughout Ontario and New York."

Brantford will be a showcase operation and consolidation point for all of Liberty Tire's activities in the province of Ontario. The site includes a 210,000-square-foot building that will house all collection operations. The facility is expected to be operational later this year.

## Maryland Reports Increase In Scrap Tire Processing

The Maryland Department of the Environment's (MDE) annual Scrap Tire Report, found that the overall processing of scrap tires increased 15 percent from its previously reported capacity in 2008. MDE attributes the change to the fact that the State's scrap tire recycling capacity increased significantly and an additional one million tires were imported to Maryland from neighboring states. The Maryland Scrap Tire Annual Report for FY2009 was released in June 2010.

While processing capacities were up, the use of scrap tires as fuel in Maryland decreased 14 percent during FY 2009 due a slow down in cement production in the state and its attendant effect on sources of fuels. MDE reports that Portland Cement's approval for processing scrap tires expired during the fiscal year and Essroc Cement did not process any tires. In addition, two of the state's existing fuel users—St. Lawrence Cement Co. and Harford Waste-to-Energy reported significant decreases in tire derived fuel (tdf) consumption.

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