

## INNOVATIONS IN RUBBERIZED ASPHALT TECHNOLOGY

Friday, October 19, 2018 2:00 - 3:15 PM (US Arizona)

[College Avenue Commons \(CAVC\) Room 559](#) ([Parking](#))



**Mr. Douglas D. Carlson**  
*Vice President - Asphalt Products*  
**Liberty Tire Recycling**  
**Pittsburgh, PA**

### About the Talk

Since the 1970's, recycled tire rubber (RTR) has been used to modify asphalt binders to make paving applications that are more flexible, durable, and cost effective. The predominant technology has been field blended, wet processed Asphalt-Rubber, pioneered in AZ. Since the early 2000s, RTR has been used in terminal blends to meet Performance Graded asphalt specifications. In 2010, the next generation dry processes emerged, where a finer grind RTR is engineered or pre-treated to make modified dense graded mixes that use a balanced mix design approach. This presentation will touch on some of the historical mile markers and then focus on the new dry processes that make RTR easier to implement in paving applications.

### About the Speaker

Doug has 19 years of experience working within the rubberized asphalt industry conducting over 100 conferences, workshops, seminars, and technology tours in Arizona, California, Texas and worldwide during his tenure with the Rubber Pavements Association. He is a recognized expert concerning rubberized asphalt, tire recycling and the use of granulated tire rubber in engineering materials. Currently, he is the Vice President of Asphalt Products for Liberty Tire Recycling, since 2010.

This seminar is webcast live to a worldwide audience by **ASU Engineering – Global Outreach and Extended Education (GOEE)**. To access the live webcast and archive of previous seminar recordings, please visit: <http://links.asu.edu/ASU-Transportation-Seminar>

Light refreshments will be served. Event is open to the public.



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