











## "Asphalt Rubber"



is a blend of asphalt cement, reclaimed tire rubber and certain additives, in which the rubber component is at least 15% by weight of the total blend and has reacted in the hot asphalt cement sufficiently to cause swelling of the rubber particles.

## **ASTM D6114**

- Process in public domain not patented
- Initially Mac Dowell had a patent
- Exists for 40 years

## "Asphalt Rubber"



- ✓ Wet Method (less than 15%)
- ₩ Wet Method (5% + SBS) Terminal Blend
- **♦** Wet Method (3.5%) Terminal Blend
- ◆ Dry Method (1, 2, 3%) of aggregate weight Short and Long Reaction times
- ◆ Proprietary Methods (no technical info!)

√ Wet Method (with 18-22%)































