

2009 Reconstruction

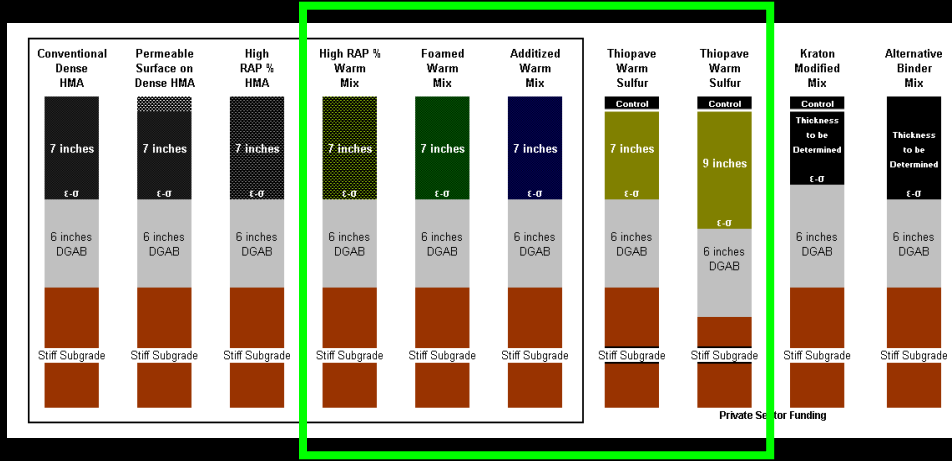


2009 Research Objectives

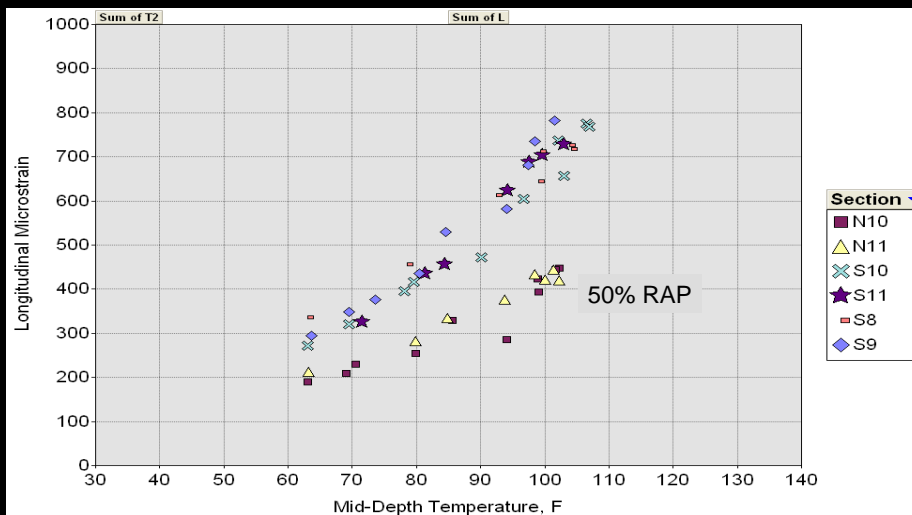
- Optimize thickness design (**structural**)
 - High RAP, PFC, WMA, alternative materials/methods
 - Transitional calibration of layer coefficients
 - Validation of mechanistic methodologies
- Identify ideal surface materials (**mix**)
 - High RAP (100 percent gravel dense vs PFC)
 - 28% flat & elongated SMA vs dual layer PFC
 - SBS versus GTR modified PG76



“Group Experiment +”

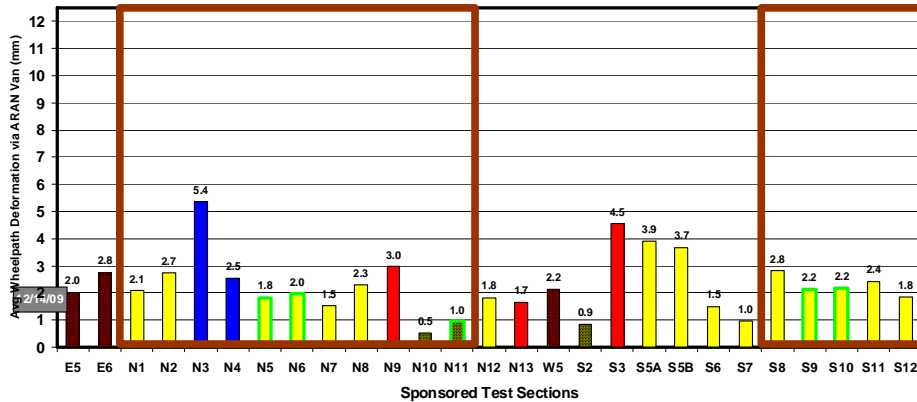


Preliminary Strain Comparisons



Rutting Performance

Cycle of Construction by Color (Blue=2003, Red=2006, Yellow=2009); High RAP with Texture; WMA with Green Outline; Thinner Structural Sections in Brown Boxes (Others on Perpetual Foundations); Trucking Percent Complete via Height of Gray Test Date Box



WMA Certification Program

NATIONAL WARM MIX ASPHALT CERTIFICATION

PROPOSAL

By
 Andrea Kvanak
 Buzz Powell
 Randy West

277 Technology Parkway • Auburn, AL 36830



www.pavetrack.com



Performance



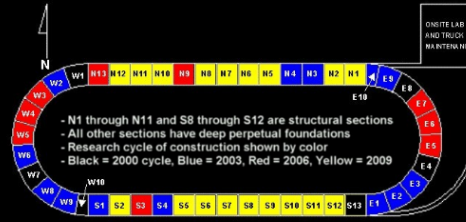
Home Sponsors Information Construction Trucking Performance

Click here for the official NCAT web site, Tracks in US, or Tracks Worldwide

HOTLINKS to download PAVE reports, review upcoming NCAT training courses, query historical weather data, view current color radar or preview local forecast.

1,439, 922 ESALs as of 2300 hours on December 5.

Performance data for each section can be viewed by positioning your mouse over the section in question and left-clicking. Based on feedback from our research sponsors, the performance reports have been revised to include crack maps. The 2009 performance reports are now a fully integrated and active part of the web presentation.



Web Performance Reports

