BMD Implementation: Partnering between Agencies and Industry

What should you do to get ready for the next era of asphalt mix design & QA?

- Establish a DOT & Industry task group in each state
  - discuss the need
  - discuss the advantages and disadvantages of potential tests
  - reach consensus on which test(s) are most likely to meet your needs
  - decide which BMD approach will be used
  - set policies on who does what testing; reheating; mix aging
  - purchase equipment and conduct training

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- Establish a DOT & Industry task group in each state
  - test and evaluate current mixes (lab and plant produced) “benchmarking”
  - identify the best ways to improve mixes
  - determine appropriate criteria based on collected data
  - write and review preliminary specification
  - plan and execute pilot projects
  - adjust specifications

- Share/work with neighboring states
  - round-robin programs
  - share benchmarking data
  - training programs
  - specification language
Sources of Information

- NAPA’s Future of Mix Design Task Group
- Association of Asphalt Paving Technologists
  - www.asphalttechnology.org
- NCAT
  - www.ncat.us
    - BMD Training Course
    - NCAT/MnROAD Cracking Group Experiment
- Texas A&M Transportation Institute (TTI)
- Southeast Asphalt User Producer Group (SEAUPG) meetings
- FHWA & NC State: AMPT cyclic fatigue; performance engineering mix design; performance related specifications

Questions and Discussion