



# Where is BMD Going?

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# Where is BMD Going?

- The next generation mix design method AND quality assurance tests.
- More than half of the states are moving toward BMD
- Each state will set their own pace and goals
- Fast turn-around tests are generally favored
- The need to put innovation into the hands of mix designers



# Where is BMD Going?

- Motivations for change...
- Climate change, net-zero GHG emissions goals
  - Much higher recycled materials contents
  - Lower mix production energy
  - Alternative binders
  - Longer lasting pavements



# The Big Hurdles



- Letting go of legacy criteria
- Establishing criteria for the new tests
  - It is a slow process
  - Different criteria for different layers and applications

# What will change?

- Sample preparation methods will have to be more carefully standardized
- Procedures may continue to be refined to reduce variability, improve correlations to field performance, and reduce testing time
- Binder selection is likely to become much more important
  - Additives will also become much more prevalent

# What can you do?

- Get equipment
- Get trained
- Participate in round-robins
- Benchmark
- Experiment
- Get involved

Thank You

The Beginning