

State DOT: NCDOT

State Report Questions on MEPDG Implementation

1. Summarize your state's status as far as MEPDG Implementation.

NCDOT is working to provide DARWin-ME designs for a Design/Build project that is currently in the proposal/letting process. Both asphalt and concrete pavement design alternates will be provided. We are working to implement DARWin-ME for all of our major projects as quickly as possible, and we expect this to happen by the end of the calendar year.

2. What efforts have been made toward local calibration?

NC State University has developed local calibration factors for asphalt designs through a research project.

3. What additional information/support would assist your state with implementation?

A database of material properties used by other states in the Southeast would be helpful. Information on Coefficient of Thermal Expansion would be particularly helpful.