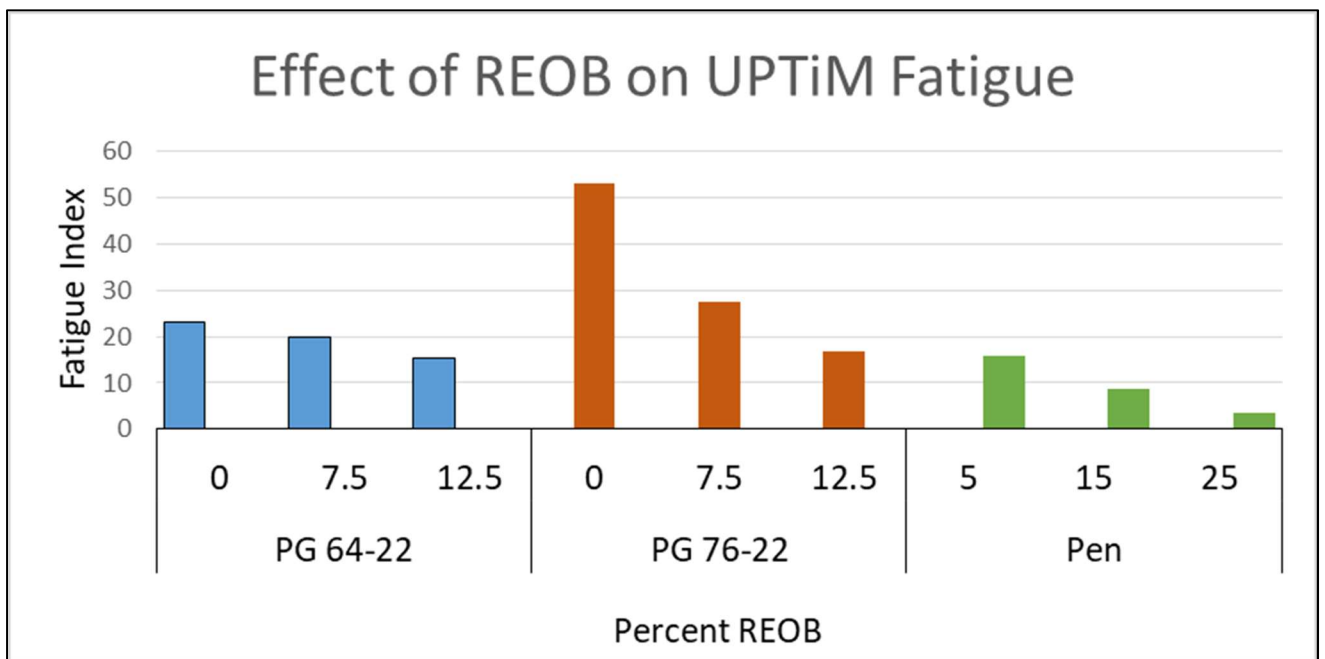


FIT-B: Binder Fatigue Test

(*Fatigue at intermediate temperature for binder*)

- Determines cracking resistance of asphalt binder
- Conducted using Temperature Sweep and Pulse Load
- Provides two parameters at the same time: Intermediate Temperature (IT) and fatigue index (FI)
- Can determine effects of REOB, PPA, and Polymers
- Provides reliable estimates of Elastic Recovery (ER)
- ALF Extracted binder correlated to Passes to Failure



Applications

- Determines effect of REOB (see above graph)
- Determines effect of modification on performance
- Differentiates type of modification (SBS vs. PPA)

