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- Please keep your microphone muted during the webinar.
- Please post your questions in the chat box. This can be accessed by clicking the "Chat" in the meeting controls.
- The moderator will go through the questions at the end of the presentation.
- The presenter(s) will answer all questions at the end of the webinar as time permits.
- Questions not answered due to time constraints will be responded to separately.
- This webinar will be recorded and made available for viewing after the event.

#### Evolution of Asphalt Binder Specification Properties to Address Performance

Mix Distress	Binder Property		
	50 years ago	25 years ago	Now
Rutting	Viscosity @60°C	$G^*/\sin \delta$	$J_{nr3.2}$
Fatigue Cracking	Penetration @25°C	$G^*\sin \delta$	GRP
Low Temperature Cracking	No direct measurement	BBR Stiffness and m-value	BBR Stiffness and m-value
Durability	Ductility, Retained Penetration, ?	n/a	$\delta_{10}$ MPa or R or $\Delta T_c$ with $\Delta T_f$

#### Thanks!



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