APPROACHES TO IMPROVE
SUPERPAVE DURABILITY
(Mix Design & Construction)

PANEL
(MD., NJ., VA., PA.)
(MI CHAEL, BEN NERT, PRO WELL, MAURER)
DURABILITY

Durable - able to exist a long time without significant deterioration: lasting (syn.)

Asphalt Institute (MS-2) - “sufficient asphalt to ensure a durable pavement & sufficient mix stability to satisfy the demands of traffic without distortion or displacement”
DURABILITY
(PENNDOT)

A measure of resistance to disintegration by weather or traffic. The most important factor is the amount of asphalt binder. A mix is resistant to the action of air & water in direct proportion to the degree they are kept out of the mix. It is desirable that a mix have as high a binder content that is consistent with stability & voids. This can be achieved with high VMA...
DISCUSSION
OR
QUESTIONS
?????