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Title Superpave Pavement Permeability Study			Type of Report Final
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Supplementary Notes			
Abstract The objective of the study was to compare the permeability and moisture susceptibility characteristics of pavements constructed with Superpave coarse mixtures and Marshall fine graded mixtures. The samples were evaluated in terms of: <ul style="list-style-type: none"> • permeability, as measured by Florida DOT's test procedure using falling head testing apparatus (AAHSTO T283) • moisture susceptibility, as determined by tensile strength ratio • stripping potential, as indicated by visual assessment Results for the laboratory testing generally support the observations and investigations of others that Superpave coarse mixtures are "more permeable" than fine graded mixtures. Further, the analysis undertaken supports the hypothesis that this increased permeability is related to the air void matrix of Superpave coarse mixtures as influenced by gradation characteristics.			
Key Words Pavement permeability Superpave Aggregate gradation Asphalt mix Air Void		Distribution Unlimited	
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