

**CONTENTS**

	Page
The Role of Specific Gravity in the Design and Control of Bituminous Paving Mixtures	1
Measurement of Bituminous Concrete Core Specific Gravities and Specific Gravities of Bituminous Coated Coarse Aggregates by Means of a Volumeter	4
Discussion	22
Measurement of Maximum Theoretical Specific Gravity of a Bituminous Mixture by Solvent Immersion	25
Discussion	34
Development and Application of the Effective Specific Gravity of Bituminous Coated Aggregates	38
Maximum Specific Gravity of Bituminous Mixtures by Vacuum Saturation Procedure	43
Discussion	56
Specific Gravity and Voids Relationships in Bituminous Pavement Mix Design	62
Discussion	66
General Discussion	69