

Contents

Introduction

Placement of Asphalt Concrete Mixtures— JAMES A. SCHEROCMAN AND EARL D. MARTENSON	3
Compaction Equipment for Asphalt Mixtures— MYRON GELLER	28
Effects of Compaction Temperature and Effort on the Engineering Properties of Asphalt Concrete Mixtures— THOMAS W. KENNEDY, FREDDY L. ROBERTS, AND ROBERT B. MCGENNIS	48
Experiences of Corps of Engineers in Compaction of Hot Asphalt Mixtures— ELTON R. BROWN	67
California Study of Asphalt Concrete Density Measurement—Nuclear Versus Core Density— MAX L. ALEXANDER AND ROBERT N. DOTY	80
Pennsylvania's Experience in the Compaction of Asphalt Pavements— PRITHVI S. KANDHAL AND WILLIAM C. KOEHLER	93
Effect of Percent Compaction on Asphalt Mixture Life— CHRIS A. BELL, R. GARY HICKS, AND JAMES E. WILSON	107
Resistance to Compaction of Asphalt Paving Mixtures and Its Relationship to Stiffness— AMIR F. BISSADA	131
Summary	146
Index	151