
Contents

<i>List of Figures</i>	ix
<i>List of Tables</i>	xiii
<i>Acknowledgements</i>	xv
1 Introduction	1
2 Types of concrete pavements	25
3 Performance	46
4 Subgrades, subbases, and drainage	69
5 Selection of concrete materials	95
6 Mixture design and proportioning	111
7 Design fundamentals	129
8 Highway pavement design	155
9 Light duty pavement design	172
10 Airport pavement design	199
11 Industrial pavement design	221
12 Transitions, special details, and CRCP reinforcement	231
13 Subgrade and subbase construction	249
14 Paving	262

15	Finishing, texturing, curing, and joint sawing and sealing	279
16	Concrete pavement maintenance	306
17	Rehabilitation	315
18	Overlays and inlays	330
	<i>Bibliography</i>	351
	<i>Index</i>	367