

**Balancing Private and Public Interests in Public-Private Partnership
Contracts Through Optimization of Equity Capital Structure** 60
Deepak K. Sharma, Qingbin Cui, Lijian Chen, and Jay K. Lindly

**Effect of Duration of Design-Build Procurement
on Performance of Transportation Projects** 67
Giovanni C. Migliaccio, Susan M. Bogus, and Ao Chen

PART 2—QUALITY ASSURANCE

**Determining Optimum Sample Size
for Percent-Within-Limits Specifications** 77
Nasir G. Gharaibeh, Sabrina I. Garber, and Litao Liu

**Statistical Applications and Stochastic Analysis for
Performance-Related Specification of Asphalt Quality Assurance** 84
Myung Goo Jeong and Mohamed El-Basyouny

**Probabilistic Performance-Related Specifications Methodology
Based on *Mechanistic-Empirical Pavement Design Guide*** 93
Mohamed El-Basyouny and Myung Goo Jeong
