Contents

Introduction ix

PART ONE | FOUNDATIONS

- 1. Defining Infrastructure and Commons Management
- 2. Overview of Infrastructure Economics 10
- 3. Microeconomic Building Blocks 24

PART TWO | A DEMAND-SIDE THEORY OF INFRASTRUCTURE

AND COMMONS MANAGEMENT

- 4. Infrastructural Resources 61
- 5. Managing Infrastructure as Commons 91

PART THREE | COMPLICATIONS

- 6. Commons Management and Infrastructure Pricing 117
- 7. Managing Congestion 136
- 8. Supply-Side Incentives 159

PART FOUR | TRADITIONAL INFRASTRUCTURE

- 9. Transportation Infrastructure: Roads 189
- 10. Communications Infrastructure: Telecommunications 211

PART FIVE | NONTRADITIONAL INFRASTRUCTURE

- 11. Environmental Infrastructure 227
- 12. Intellectual Infrastructure 253

PART SIX | MODERN DEBATES

13. The Internet and the Network Neutrality Debate 317

14. Application to Other Modern Debates 358

conclusion 365

ACKNOWLEDGMENTS 371

BIBLIOGRAPHY 375

INDEX 403