



Part V

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**Supplemental Analyses of System Components**

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## Introduction

Chapters 23 through 27 delve more deeply into the analyses developed in Chapters 2 through 10 to focus on particular components of the Nation's highway and transit systems. Some of these analyses pull together material scattered in other locations through the report; others provide supplementary information not covered in the earlier chapters.

The five supplementary analysis chapters in this edition of the report are:

- Chapter 23, **Interstate System**, highlights the system characteristics, system conditions, operational performance, and financing of the Interstate system. The chapter also analyzes future investment requirements for the Interstate system. While the rural and urban Interstates are identified in the functional class tables in Chapters 2-10, this chapter provides additional details and brings all Interstate-related information into a single location.
- Chapter 24, **National Highway System**, is similar in scope and coverage to Chapter 23, but focuses on the entire NHS, rather than simply its Interstate System component. While some of the earlier chapters in the report include some NHS-related data, most information pertaining to the NHS in this report is located in this chapter.
- Chapter 25, **NHS Freight Connectors**, includes an analysis of future investment requirements for these critical links. Many of the physical and operating deficiencies of NHS connectors are different in character than those of the mainline NHS; this special analysis is intended to identify items beyond the scope of the general NHS analysis contained in Chapter 24.
- Chapter 26, **Highway-Rail Grade Crossings**, focuses on the delay-related costs imposed on highway users. While grade crossings have traditionally been viewed as a safety concern, they also can have a considerable impact on the operational performance of highways.
- Chapter 27, **Transit on Federal Lands**, identifies the future investment that would be required to address growing demands for transit in these areas. This chapter is provided as a complement to the highway-oriented section on Federal Lands included in the 1999 C&P report.