

List of Exhibits

Executive Summary

Chapter 2

Percentage of Highway Miles, Lane Miles, and Vehicle Miles Traveled by Functional System, 2004	ES-2
Highway Mileage by Jurisdiction, 2004	ES-2
Urban Capacity-Equivalent Revenue Vehicle Miles	ES-3
Urban Passenger Transit Miles	ES-3

Chapter 3

Percentage of VMT on Roads with Acceptable Ride Quality	ES-4
Percentage of VMT on Roads with Acceptable Ride Quality, by Urban Area Size, 2004.....	ES-4
Percentage of Rural and Urban Bridge Deficiencies, by Number of Bridges	ES-4
Definitions of Transit Asset Conditions	ES-5
Conditions of Bus Maintenance Facilities, 2004	ES-5
Conditions of Rail Maintenance Facilities, 2004	ES-5

Chapter 4

Percent of VMT Under Congested Conditions, by Urbanized Area Size, 1995–2004	ES-6
Average Travel Time Index for All Urbanized Areas, 1995–2004	ES-6
Vehicle Utilization Passenger Miles per Capacity-Equivalent Vehicle.....	ES-7
Index of Rail Speed and Capacity Utilization of Rail Vehicles	ES-7
Passengers by Waiting Times	ES-7

Chapter 5

Fatality Rate, 1995–2004	ES-8
Injury Rate, 1995–2004	ES-8
Fatalities per 100 Million PMT, 2002 and 2004	ES-9
Incidents and Injuries per 100 Million PMT, 2004.....	ES-9

Chapter 6

Highway Expenditures by Type, 2004	ES-10
Revenue Sources for Highways, 2004.....	ES-10
2004 Transit Revenue Sources	ES-11
Sources of Transit Capital Investment Funding, 2002 and 2004.....	ES-11
2004 Transit Operating Expenditures	ES-11

Chapter 7

Cost to Maintain Highways and Bridges Distribution by Improvement Type	ES-14
Maximum Economic Investment for Highways and Bridges Distribution by Improvement Type	ES-14

Transit Average Annual Investment Scenario Estimates, 2003–2022 and 2005–2024	ES-15
Annual Cost to Maintain and Improve Conditions and Performance by Investment Type, 2005–2024	ES-15
Average Annual Transit Investment Scenario Estimates by Asset Type, 2005–2024	ES-15

Chapter 8

2004 Capital Outlay by All Levels of Government vs. Highway and Bridge Investment Scenario Estimates	ES-16
Investment Scenarios and 2004 Capital Outlay Distribution by Improvement Type	ES-16
A Comparison of 2004 Capital Spending with Average Annual Investment Scenario Estimates	ES-17

Chapter 9

Projected Changes in 2024 Highway Condition and Performance Measures Compared with 2004 Levels, at Different Possible Funding Levels	ES-18
Effect of Capital Spending Constraints on Transit Conditions	ES-19

Chapter 10

Impact of Congestion Reduction Strategies on Average Annual Investment Scenario Estimates.....	ES-20
The Effect of Variations in PMT Growth on Transit Annual Investment Scenario Estimates	ES-21

Main Report

Exhibit 2-1	Comparison of System and Use Characteristics with Those in the 2004 C&P Report	2-2
Exhibit 2-2	Highway Mileage by Owner, 1995 and 2004.....	2-5
Exhibit 2-3	Highway Mileage by Owner and by Size of Area, 1995–2004.....	2-6
Exhibit 2-4	Highway Functional Classification Hierarchy	2-7
Exhibit 2-5	Percentage of Highway Miles, Lane Miles, and VMT by Functional System and by Size of Area, 2004	2-9
Exhibit 2-6	Highway Route Miles by Functional System and by Size of Area, 1995–2004	2-10
Exhibit 2-7	Highway Lane Miles by Functional System and by Size of Area, 1995–2004.....	2-11
Exhibit 2-8	Vehicle Miles Traveled (VMT) and Passenger Miles Traveled (PMT), 1995–2004	2-12
Exhibit 2-9	Highway Travel by Vehicle Type, 1995–2004	2-13
Exhibit 2-10	Highway Travel by System and Vehicle Type, 1995-2004.....	2-14
Exhibit 2-11	Deployment of Intelligent Transportation Systems (ITS) in 78 of the Largest Metropolitan Areas, 1997–2005	2-15
Exhibit 2-12	Progress in Integrated Deployment of ITS in 75 of the Largest Metropolitan Areas, 1997–2005	2-16
Exhibit 2-13	Bridges by Owner, 1996–2004.....	2-17
Exhibit 2-14	Percent Bridge Inventory, Traffic, and Deck Area by Owner.....	2-18
Exhibit 2-15	Number of Bridges by Functional System, 1996–2004.....	2-19
Exhibit 2-16	Bridges by Functional Class Weighted by Numbers, ADT, and Deck Area	2-20
Exhibit 2-17	Transit Active Fleet by Vehicle Type, 2004	2-25
Exhibit 2-18	Composition of Urban Transit Road Vehicle Fleet, 2004	2-26
Exhibit 2-19	Maintenance Facilities for Directly Operated Services, 2004	2-26
Exhibit 2-20	Transit Rail Mileage and Stations, 2004	2-27
Exhibit 2-21	Transit Directional Route Miles, 1995–2004	2-28

Exhibit 2-22	Vehicle Revenue Miles, 1995–2004	2-29
Exhibit 2-23	2004 Capacity-Equivalent Factors by Mode.....	2-29
Exhibit 2-24	Change in Vehicle Capacity, 2004 Versus 1995	2-30
Exhibit 2-25	Capacity-Equivalent Vehicle Revenue Miles, 1995–2004	2-30
Exhibit 2-26	Modal Distribution of 8.9 Billion Unlinked Passenger Trips in 2004.....	2-32
Exhibit 2-27	Modal Distribution of 46.5 Billion Passenger Miles Traveled in 2004	2-32
Exhibit 2-28	Transit Urban Passenger Miles, 1995–2004	2-33
Exhibit 2-29	Urban Transit Operators’ ADA Vehicle Fleets by Mode, 2004	2-35
Exhibit 2-30	Urban Transit Operators’ ADA Stations by Mode, 2004	2-36
Exhibit 3-1	Comparison of System Conditions Statistics with Those in the 2004 C&P Report.....	3-2
Exhibit 3-2	Pavement Condition Criteria.....	3-6
Exhibit 3-3	Percent of VMT on Pavements With Good and Acceptable Ride Quality, 1995–2004 ..	3-7
Exhibit 3-4	Percent of VMT on Pavements With Good and Acceptable Ride Quality, by Population Area, 1995–2004.....	3-7
Exhibit 3-5	Percent of VMT on Pavements With Good and Acceptable Ride Quality, by Functional System, 1995–2004	3-9
Exhibit 3-6	Percent of Mileage With Good and Acceptable Ride Quality, by Functional System, 1995–2004.....	3-10
Exhibit 3-7	Rural Alignment by Functional Class, 2004	3-11
Exhibit 3-8	Lane Width by Functional Class, 2004	3-11
Exhibit 3-9	Bridge Condition Rating Categories.....	3-13
Exhibit 3-10	Bridge Condition Ratings, 2004.....	3-13
Exhibit 3-11	Bridge Appraisal Rating Categories	3-14
Exhibit 3-12	Structural Evaluation/Waterway Adequacy Ratings, 2004	3-15
Exhibit 3-13	Functional Obsolescence: Deck Geometry, Underclearance, and Approach Alignment Ratings, 2004.....	3-17
Exhibit 3-14	Bridge Deficiency Percentages, 1994–2004.....	3-18
Exhibit 3-15	Bridge Deficiencies by Number, Percent of Deck Area on Deficient Bridges, and Percent of ADT Carried on Deficient Bridges, 2004.....	3-18
Exhibit 3-16	Bridge Deficiencies by Owner, 2004	3-19
Exhibit 3-17	Bridge Deficiencies by Functional System, 2004.....	3-19
Exhibit 3-18	Percent Deficient Bridges by Functional Class and Area, 1994-2004	3-20
Exhibit 3-19	Culvert Condition Ratings, 2004.....	3-21
Exhibit 3-20	Definitions of Transit Asset Conditions.....	3-22
Exhibit 3-21	Urban Transit Bus Fleet Count, Age, and Condition, 1995–2004.....	3-23
Exhibit 3-22	Urban Bus Maintenance Facility Ages, 2004.....	3-25
Exhibit 3-23	Conditions of Urban Bus Maintenance Facilities, 2004	3-25
Exhibit 3-24	Urban Transit Rail Fleet Count, Age, and Condition, 1995–2004	3-26
Exhibit 3-25	Rail Maintenance Facility Ages, 2004.....	3-27
Exhibit 3-26	Conditions of Urban Rail Maintenance Facilities, 2004	3-27
Exhibit 3-27	Conditions of Urban Rail Passenger Stations, 2004.....	3-28
Exhibit 3-28	Conditions of U.S. Transit Rail Systems—Selected Years, 1997–2004	3-28
Exhibit 3-29	Conditions of U.S. Transit Rail Infrastructure—Selected Years, 1997–2004	3-29
Exhibit 3-30	Estimated Valuation of the Nation’s Transit Assets, 2004	3-31
Exhibit 3-31	Average Vehicle Age and Percent of Overage Vehicles in Rural Transit	3-31
Exhibit 4-1	Comparison of Highway and Transit Operational Performance Statistics with Those in the 2004 C&P Report.....	4-2
Exhibit 4-2	Average Daily Percent of VMT Under Congested Conditions, by Urbanized Area Size, 1995–2004	4-7

Exhibit 4-3	Average Daily Percent Vehicle Miles Traveled Under Congested Conditions, by Urbanized Area Size, 1987 vs. 2004	4-8
Exhibit 4-4	Average Length of Congested Conditions, All Urbanized Areas	4-9
Exhibit 4-5	Average Length of Congested Conditions by Urbanized Area, 1995–2004	4-9
Exhibit 4-6	Average Travel Time Index for All Urbanized Areas, 1995–2004	4-10
Exhibit 4-7	Travel Time Index by Urbanized Area Size, 1995–2004	4-11
Exhibit 4-8	Annual Delay per Peak Period Traveler for All Urbanized Areas, 1995–2004.....	4-12
Exhibit 4-9	Annual Delay per Peak Period Traveler by Urbanized Area Size, 1995–2004.....	4-12
Exhibit 4-10	Average Annual Delay per Capita for All Urbanized Areas, 1995–2004	4-13
Exhibit 4-11	Average Annual Hours of Delay per Capita by Urbanized Area Size, 1995–2004 ...	4-14
Exhibit 4-12	Daily Vehicle-Miles Traveled (DVMT) per Lane-mile by Population Area and Functional Class, 1995–2004.....	4-15
Exhibit 4-13	Percent of Peak-hour Travel Exceeding V/SF Thresholds, 1995–2004	4-16
Exhibit 4-14	Average Transit Passenger-Carrying Speed, 2004	4-19
Exhibit 4-15	Passenger-Mile Weighted Average Operating Speed by Transit Mode, 1995–2004...	4-20
Exhibit 4-16	Unadjusted Vehicle Occupancy: Passengers per Transit Vehicle, 1995–2004	4-20
Exhibit 4-17	Adjusted Vehicle Occupancy: Passengers per Capacity-Equivalent Transit Vehicle, 1995–2004	4-21
Exhibit 4-18	Transit Vehicle Utilization: Annual Passenger Miles per Capacity-Equivalent Vehicle by Mode, 1995–2004	4-22
Exhibit 4-19	Index of Rail Speed and Capacity Utilization of Rail Vehicles	4-22
Exhibit 4-20	Vehicle Service Utilization: Vehicle Revenue Miles per Vehicle by Mode, 1995–2004 .	4-23
Exhibit 4-21	Distribution of Passengers by Waiting Times	4-24
Exhibit 4-22	Passenger Wait-Times According to Household Income	4-24
Exhibit 5-1	Comparison of Safety Statistics with Those in the 2004 C&P Report	5-2
Exhibit 5-2	Summary of Fatality and Injury Rates, 1966–2004.....	5-5
Exhibit 5-3	Fatalities, 1980–2004.....	5-5
Exhibit 5-4	Fatality Rate, 1980–2004.....	5-6
Exhibit 5-5	Fatalities by Functional System, 1995–2004	5-6
Exhibit 5-6	Fatality Rates by Functional System, 1995–2004.....	5-7
Exhibit 5-7	Crash by Severity, 1995–2004.....	5-8
Exhibit 5-8	Highway Fatalities by Crash Type, 1995–2004	5-9
Exhibit 5-9	Roadway Departure-related Fatalities by Functional System, 2004.....	5-9
Exhibit 5-10	Summary of Fatalities and Fatality Rates for Vehicles Involved in Rollover Crashes, 1997 & 2004	5-10
Exhibit 5-11	Intersection-related Fatalities by Functional System, 2004.....	5-11
Exhibit 5-12	Pedestrian-related Fatalities, 1995–2004	5-12
Exhibit 5-13	Alcohol-related Fatalities, 1995–2004	5-12
Exhibit 5-14	Fatalities for Vehicle Occupants by Type of Vehicle, 1995–2004	5-14
Exhibit 5-15	Injuries for Vehicle Occupants by Type of Vehicle, 1995–2004.....	5-14
Exhibit 5-16	Age of Drivers Involved in Fatal Crashes, 2004	5-15
Exhibit 5-17	Annual Transit Fatalities, 1995–2004: Directly Operated Service	5-17
Exhibit 5-18	Annual Incidents and Injuries, 2002–2004: Directly Operated Service	5-17
Exhibit 5-19	Transit Fatalities by Mode, 1995–2004: Annual Rates per 100 Million Passenger Miles, Directly Operated Service.....	5-18
Exhibit 5-20	Fatality Rates by Mode, 1995–2004.....	5-18
Exhibit 5-21	Transit Incidents and Injuries by Mode, 2002–2004: Directly Operated Service	5-19
Exhibit 5-22	Fatalities per 100 Incidents by Mode, 2002–2004	5-19

Exhibit 6-1	Comparison of Highway and Transit Finance Statistics with Those in the 2004 C&P Report.....	6-2
Exhibit 6-2	Revenue Sources for Highways, 2004	6-5
Exhibit 6-3	Disposition of Highway-user Revenue by Level of Government, 2004.....	6-6
Exhibit 6-4	Highway Revenue Sources by Type, All Units of Government, 1921–2004.....	6-8
Exhibit 6-5	Percent of Highway Revenue Derived from User Charges, Each Level of Government, 1957–2004	6-9
Exhibit 6-6	Direct Expenditures for Highways, by Expending Agencies and by Type, 2004	6-10
Exhibit 6-7	Expenditures for Highways by Type, All Units of Government, 1957–2004	6-12
Exhibit 6-8	Funding for Highways by Level of Government, 1957–2004	6-13
Exhibit 6-9	Total Highway Expenditures in Current and Constant 2004 Dollars, All Units of Government, 1957–2004	6-15
Exhibit 6-10	Highway Capital, Maintenance, and Other Noncapital Expenditures in Current and Constant 2004 Dollars, All Units of Government, 1957–2004	6-16
Exhibit 6-11	Highway Expenditures per Vehicle Mile Traveled, All Units of Government, 1957–2004	6-17
Exhibit 6-12	Highway Capital Outlay by Functional System, 2004	6-18
Exhibit 6-13	Highway Capital Outlay by Improvement Type, 2004	6-20
Exhibit 6-14	Highway Capital Outlay by Improvement Type: 1997, 2000, 2002, and 2004.....	6-21
Exhibit 6-15	Distribution of Capital Outlay by Improvement Type and Functional System, 2004 ...	6-22
Exhibit 6-16	Revenue Sources for Transit Financing, 2004	6-24
Exhibit 6-17	2004 Public Transit Revenue Sources	6-25
Exhibit 6-18	2004 State Sources of Transit Funding	6-26
Exhibit 6-19	2004 Local Sources of Transit Funding	6-27
Exhibit 6-20	Public Funding for Transit by Government Jurisdiction, 1960–2004	6-28
Exhibit 6-21	Federal Share of Public Funding for Transit, 1962–2004	6-28
Exhibit 6-22	Current and 2004 Constant Dollar Public Funding for Public Transportation, 1956–2004	6-29
Exhibit 6-23	Sources of Funds for Transit Capital Expenditures, 1995–2004.....	6-30
Exhibit 6-24	Transit Capital Expenditures by Mode and by Type, 2004	6-30
Exhibit 6-25	Sources of Funds for Transit Operating Expenditures, 1995–2004	6-32
Exhibit 6-26	Transit Operating Expenditures by Mode, 1995–2004	6-33
Exhibit 6-27	Operating Expenditures by Mode and Type of Cost, 2004.....	6-34
Exhibit 6-28	Operating Expenditures per Vehicle Revenue Mile, 1995–2004.....	6-35
Exhibit 6-29	Operating Expenditures per Capacity-Equivalent Vehicle Revenue Mile, 1995–2004.....	6-35
Exhibit 6-30	Operating Expenditures per Passenger Mile Traveled by Mode, 1995–2004.....	6-36
Exhibit 6-31	Farebox Recovery Ratio by Mode, 2002–2004.....	6-37
Exhibit 6-32	Rural Transit Operators’ Budget Sources for Operating Expenditures, 2000.....	6-38
Exhibit II-1	Economically Efficient Investment.....	II-9
Exhibit 7-1	Highway, Bridge, and Transit Investment Scenario Projections Compared with Data from the 2004 C&P Report	7-2
Exhibit 7-2	Cost to Maintain Highways and Bridges Scenario: Average Annual National Investment by Functional Class and Improvement Type	7-7
Exhibit 7-3	Maximum Economic Investment for Highways and Bridges Scenario: Average Annual National Investment by Functional Class and Improvement Type	7-8
Exhibit 7-4	Highway and Bridge Investment Scenario Estimates: Distribution by Improvement Type	7-10
Exhibit 7-5	Sources of the Highway and Bridge Investment Scenario Estimates	7-11
Exhibit 7-6	HERS Investment Scenarios, 2005–2024	7-15

Exhibit 7-7	NBIAS Investment Scenarios, 2005–2024.....	7-17
Exhibit 7-8	Average Annual Transit Investment by Scenario, 2005–2024.....	7-19
Exhibit 7-9	Annual Transit Investment by Scenario and Type of Improvement, 2005–2024	7-20
Exhibit 7-10	Transit Average Annual Investment by Scenario and by Area Population Size and Mode, 2005–2024	7-21
Exhibit 7-11	Annual Average Cost to Maintain and Improve Transit Conditions and Performance, 2005–2024.....	7-22
Exhibit 7-12	Transit Infrastructure Average Annual Investment by Scenario and by Asset Type, 2005–2024	7-25
Exhibit 7-13	Annual Rail Investment by Scenario, 2005–2024	7-26
Exhibit 7-14	Nonrail Annual Investment by Scenario, 2005–2024	7-28
Exhibit 7-15	Estimated Backlog by Transit Asset Type in 2004.....	7-31
Exhibit 7-16	Estimated Backlog by Transit Mode in 2004	7-31
Exhibit 8-1	Highway, Bridge, and Transit Spending vs. Investment Scenario Estimates Compared with Data from the 2004 C&P Report.....	8-2
Exhibit 8-2	Average Annual Investment Scenario Estimates vs. 2004 Capital Outlay.....	8-4
Exhibit 8-3	Highways and Bridges Investment Scenario Estimates and 2004 Capital Outlay, Percentage by Improvement Type	8-5
Exhibit 8-4	Average Annual Investment Scenario Estimates vs. Current Spending, 1997 to 2006 C&P Reports	8-7
Exhibit 8-5	2004 Transit Capital Expenditures vs. Estimated Average Annual Investment by Scenario	8-8
Exhibit 8-6	Average Annual Transit Investment by Scenario vs. 2004 Capital Spending by Asset Type	8-9
Exhibit 8-7	2004 Transit Capital Spending by Asset Type vs. Average Annual Investment by Scenario.....	8-9
Exhibit 8-8	Current Transit Capital Spending Levels vs. Rehabilitation and Replacement Investment, 1993–2004	8-11
Exhibit 8-9	Average Annual Transit Investment by Scenario vs. Current Spending, 1995 to 2006 Conditions and Performance Reports	8-11
Exhibit 9-1	Projected Changes in 2024 Highway Physical Conditions Compared with 2004 Levels for Different Possible Funding Levels.....	9-5
Exhibit 9-2	Projected Changes in 2024 Highway Operational Performance Compared with 2004 Levels for Different Possible Funding Levels.....	9-6
Exhibit 9-3	Projected Changes in 2024 Highway Travel Delay Compared with 2004 Levels for Different Possible Funding Levels.....	9-7
Exhibit 9-4	Projected Changes in 2024 Highway User Costs Compared with 2004 Levels for Different Possible Funding Levels	9-8
Exhibit 9-5	Annual VMT Growth Rates, 1984 to 2004.....	9-9
Exhibit 9-6	Annual Projected Highway VMT Based on Highway Performance Monitoring System Forecasts.....	9-10
Exhibit 9-7	Projected Average Annual VMT Growth Rates, 2005–2024, for Different Possible Funding Levels	9-12
Exhibit 9-8	Projected Changes in 2024 Bridge Investment Backlog Compared with 2004 Levels for Different Possible Funding Levels.....	9-13
Exhibit 9-9	Effect of Capital Spending Constraints on Transit Condition Estimates.....	9-15
Exhibit 10-1	Impact of Aggressive Congestion Reduction Strategies on Investment Scenario Estimates.....	10-4

Exhibit 10-2	Impact of Recent Model Enhancements on Investment Scenario Estimates	10-7
Exhibit 10-3	Impact of Alternate Model Assumptions on Investment Scenario Estimates.....	10-9
Exhibit 10-4	Impact of Alternate Model Parameters on Investment Scenario Estimates.....	10-11
Exhibit 10-5	Impact of Alternative PMT Growth Rates on Transit Investment Estimates by Scenario	10-16
Exhibit 10-6	Impact of a 25 Percent Increase in Capital Costs on Transit Investment Estimates by Scenario	10-17
Exhibit 10-7	Impact of Replacing BRT with Light Rail to Improve Estimates by Scenario	10-17
Exhibit 10-8	Impact of Using 2004 C&P Condition Replacement Thresholds	10-18
Exhibit 10-9	Impact of Change in the Value of Time on Transit Investment Estimates by Scenario	10-18
Exhibit 10-10	Impact of Change in the Value of User Cost Elasticities on Transit Investment Estimates by Scenario	10-19
Exhibit 11-1	Interstate Route Miles and Lane Miles, 1995–2004	11-4
Exhibit 11-2	Number of Interstate Bridges, 1996–2004	11-5
Exhibit 11-3	Interstate Vehicle Miles Traveled, 1995–2004	11-6
Exhibit 11-4	Interstate Highway Travel by Vehicle Type, 1995–2004.....	11-7
Exhibit 11-5	Percent of Interstate VMT on Pavements With Good and Acceptable Ride Quality, by Population Area, 1995–2004	11-7
Exhibit 11-6	Rural Interstate Vertical/Horizontal Alignment Status, 2004	11-8
Exhibit 11-7	Interstate Lane Width, 2004	11-8
Exhibit 11-8	Age Composition of Interstate Bridges, 2004	11-9
Exhibit 11-9	Interstate Bridge Deficiency Percentages, by Population Area, 1994–2004	11-9
Exhibit 11-10	Interstate Bridge Deficiency Percentages, by Period Built	11-10
Exhibit 11-11	Fatalities on the Interstate System, 1995–2004	11-10
Exhibit 11-12	Interstate System Fatality Rates, 1994–2004	11-11
Exhibit 11-13	Interstate Capital Expenditures, 2004.....	11-11
Exhibit 11-14	Interstate Capital Expenditures, 2004 versus 2002	11-12
Exhibit 11-15	Projected Rural Interstate Pavement Condition in 2024 for Different Possible Funding Levels	11-13
Exhibit 11-16	Projected Rural Interstate Conditions and Performance in 2024 for Different Possible Funding Levels	11-14
Exhibit 11-17	Projected Urban Interstate Pavement Condition in 2024 for Different Possible Funding Levels	11-15
Exhibit 11-18	Projected Urban Interstate Conditions and Performance in 2024 for Different Possible Funding Levels	11-16
Exhibit 11-19	Projected Interstate Bridge Investment Backlog in 2024 for Different Possible Funding Levels	11-17
Exhibit 12-1	Highway Route Mileage, Lane Mileage, and VMT on the NHS Compared with All Roads, by Functional System, 2004	12-3
Exhibit 12-2	NHS Mileage by Owner, 2004	12-4
Exhibit 12-3	Percent of NHS VMT on Pavements with Good and Acceptable Ride Quality, 1996–2004.....	12-4
Exhibit 12-4	Percent of VMT on Pavements with Good and Acceptable Ride Quality, by Population Area, 2002 vs. 2004	12-5
Exhibit 12-5	NHS Bridge Deficiency Percentages, 1995–2004.....	12-5
Exhibit 12-6	NHS Bridges Compared with All Bridges, 2004	12-6
Exhibit 12-7	STRAHNET Miles by Functional Class, 2004	12-6
Exhibit 12-8	Percent of STRAHNET VMT on Pavements with Good and Acceptable Ride Quality, 2002 vs. 2004.....	12-7

Exhibit 12-9	STRAHNET Bridge Deficiency Percentages, 2002 vs. 2004	12-7
Exhibit 12-10	Highway Capital Outlay on the NHS by Functional System, 2004	12-8
Exhibit 12-11	NHS Capital Expenditures, 2004	12-9
Exhibit 12-12	Projected Rural NHS Pavement Condition in 2024 for Different Possible Funding Levels	12-10
Exhibit 12-13	Projected Rural NHS Conditions and Performance in 2024 for Different Possible Funding Levels	12-11
Exhibit 12-14	Projected Urban NHS Pavement Condition in 2024 for Different Possible Funding Levels	12-12
Exhibit 12-15	Projected Urban NHS Conditions and Performance in 2024 for Different Possible Funding Levels	12-13
Exhibit 12-16	Projected NHS Bridge Investment Backlog in 2024 for Different Possible Funding Levels	12-13
Exhibit 13-1	Financial Performance of TIFIA-assisted Projects (as of July 15, 2006).....	13-3
Exhibit 13-2	State Infrastructure Bank Loans and Loan Agreements by State, as of June 2005	13-5
Exhibit 13-3	GARVEE Transactions to Date, as of May 2006.....	13-7
Exhibit 13-4	Public-Private Partnership Options and Range of Responsibility.....	13-8
Exhibit 14-1	Trucks, Truck Miles, and Average Miles per Truck by Major Use	14-3
Exhibit 14-2	Freight Shipments by Tons and Value	14-4
Exhibit 15-1	Sources of Congestion	15-2
Exhibit 15-2	Traveler Problems and Operational Responses	15-4
Exhibit A-1	Impacts of Operations Strategies in HERS.....	A-7
Exhibit C-1	Asset Decay Curves	C-4
Exhibit C-2	TERM Asset Replacement Condition Thresholds	C-5
Exhibit C-3	National Condition Assessments of Transit Vehicles	C-9
Exhibit C-4	Average Conditions and Ages of Bus and Rail Maintenance Facilities	C-10
Exhibit C-5	New Station Decay Curve vs. Facility Decay Curve	C-11
Exhibit C-6	Heavy Rail Station Conditions	C-11
Exhibit C-7	Station Condition vs. Age: Impact of Rehabilitation	C-12