

Table of Contents

Executive Summary	EX-i
Chapter 1 <i>Transportation and the Future of Kansas</i>	1
1.1 A Reliable, Flexible and Affordable System	1
1.2 The LRTP Process	2
1.3 Guiding Principles	3
1.4 Transportation Trends and Challenges	3
1.5 The Chapters to Come	5
Chapter 2 <i>The State Highway System</i>	7
2.1 Overview	7
2.2 Highway Preservation	14
2.3 Highway Modernization	20
2.4 Highway Capacity	22
2.5 The State Highway Funding Gap	28
Chapter 3 <i>The Local Road Network</i>	30
3.1 Rural Local Roads	32
3.2 Urban Local Roads	33
3.3 Local Bridges	34
3.4 Local Roads Funding Gap	35
Chapter 4 <i>Multimodal Transportation</i>	38
4.1 Transit	39
4.2 Aviation	44
4.3 Rail-Freight Services	48
4.4 Bikes and Pedestrians	52
Chapter 5 <i>The Statewide Transportation Funding Gap</i>	54
Chapter 6 <i>Meeting Future Transportation Funding Needs</i>	56
6.1 Approaching the Funding Gap	56
6.2 The Difficulty of Closing the Gap	56
6.3 Kansas Transportation System Funding Overview	59
6.4 Specific Funding Sources	63

Table of Contents

Chapter 7	<i>Improving the Decision-Making Process</i>	78
7.1	Pros and Cons of the Current Process	78
7.2	Questions Raised by a New Planning Process	80
7.3	Create a More Flexible and Responsive Programming Structure for Transportation Programming	82
7.4	Expand the Use of Local Consult	84
7.5	Create a Kansas Transportation Advisory Panel	85
7.6	Refocus KDOT’s Existing Economic Development Program	86
Chapter 8	<i>A Look Beyond</i>	87
8.1	The Map is Not the Territory	87
8.2	Conclusion	91

Table of Contents

FIGURES

EX-1	Projected Transportation Needs and Revenues	iii
EX-2	Recommended Programming Approach.....	iv
1.1	Population Growth Trends	4
2.1	The Kansas Highway System- State, U.S. and Interstate Routes	7
2.2	Kansas Truck Flows- 2006 and 2030.....	11
2.3	Highway Pavement Conditions	14
2.4	Reduction in Deficient and Obsolete Highway Bridges	17
2.5	Highway Bridge Health Index	18
2.6	Kansas Highways in Need of Modernization	20
2.7	Projected Highway Miles At or Nearing Congestion in 2030	24
3.1	Local Roads in Kansas.....	30
3.2	Kansas Counties.....	32
4.1	Public Transit Service by County	39
4.2	Existing Intercity Bus Service	42
4.3	Kansas Airports and Areas with All-Weather Air Ambulance Access.....	46
4.4	Kansas Rail Lines	48
4.5	Growth in Rail and Truck Freight.....	49
6.1	Transportation Funding by Source.....	59
6.2	Transportation Funding Sources and Uses	60
6.3	Impacts of Inflation.....	62
6.4	Comparison of Annual Revenues and Debt-Service Obligation	67
7.1	Proposed KDOT New Programming Model	83
7.2	Different Projects Require Different Input and Flexibility Levels.....	84
7.3	Integrating Stakeholder Input and Increasing Accountability	85

Table of Contents

TABLES

EX- 1	Summary of LRTP Recommendations	v
2.1	Kansas Roadway Statistics and Projections	8
2.2	Highway Statistics by KDOT Route Classification	10
2.3	Highway Miles At or Nearing Congestion	25
6.1	Impact of Inflation on Revenues	61
6.2	Comparison of Fuel Taxes and Revenues.....	63
6.3	Registration Fees and Revenues	65
6.4	Dedicated Sales Tax and Revenues.....	65
6.5	Federal Funding	68
6.6	Local Funding.....	69
6.7	Evaluation of Potential Funding Options	73