TABLE OF CONTENTS

VOLUME I

REGIONAL GOALS & STRATEGIES

I. INTRODUCTION	2
Purpose	2
Organization	2
II. REGIONAL VISION	2
III. TOOLS FOR IMPLEMENTATION	3
A. Non-regulatory – Planning	3
B. Non-regulatory – Programs and Incentives	4
C. Infrastructure Investments	4
D. Regulatory	4
E. Other Regulatory Jurisdictions	4
F. Grant Writing and Administration	4
G. Outreach and Education	5
IV. TIMEFRAMES	5
Ongoing, routine and immediate:	5
Short-term implementation (1-5 years):	5
Long-term implementation:	5
V. GOALS AND STRATEGIES	6

VOLUME II

REGIONAL ANALYSIS

Chapter One: Land Use	2
I. LAND RESOURCES	2
GOALS AND STRATEGIES FOR THE PROTECTION OF LAND RESOURCES	10
II. EXISTING LAND USE & DEVELOPMENT TRENDS	12
III. FUTURE LAND USE & DEVELOPMENT	19

IV. DEVELOPMENTS OF SUBSTANTIAL REGIONAL IMPACT	25
V. ADJACENT REGIONS	25
GOALS AND STRATEGIES FOR FUTUTURE LAND USE AND DEVELOPMENT	- 26
Chapter Two: Energy	28
I. INTRODUCTION	28
II. STATE AND REGIONAL OVERVIEW	30
III. GENERATION AND DISTRIBUTION	40
IV. FUTURE ENERGY USE AND 2050 PROJECTIONS	51
V. ENERGY RESOURCE ANALYSIS AND RECOMMENDATIONS	57
REGIONAL ENERGY GOALS & STRATEGIES	69
Chapter Three: Utilities & Facilities	74
I. EDUCATIONAL FACILITIES	74
GOALS AND STRATEGIES FOR EDUCATIONAL FACILITIES	88
II. RECREATION FACILITIES & PROGRAMS	89
GOALS AND STRATEGIES FOR RECREATIONAL FACILITIES	93
III. CHILD CARE	93
GOALS AND STRATEGIES FOR CHILD CARE	94
IV. TELECOMMUNICATIONS	94
GOALS AND STRATEGIES FOR TELECOMMUNICATIONS	99
V. SECURITY & EMERGENCY SERVICES	99
GOALS AND STRATEGIES FOR SECURITY & EMERGENCY SERVICE	104
VI. WATER SUPPLY	105
GOALS AND STRATEGIES FOR WATER SUPPLY	111
VII. WASTEWATER, SEWAGE & STORMWATER MANAGEMENT	112

GOALS AND STRATED	GIES FOR WASTEWATER, SEWAGE & GEMENT	115
VIII. SOLID WASTE M	ANAGEMENT	116
GOALS AND STRATED	GIES FOR SOLID WASTE MANAGEMENT	123
Chapter Four:	Historic, Cultural & Scenic Resources	124
	C RESOURCES	124
II. CULTURAL RESOU	IRCES	126
GOALS AND STRATED	GIES FOR HISTORIC, CULTURAL & SCENIC RESOURCES	129
Chapter Five:	Housing	131
I. HOUSING OVERVIE	W	131
II. AFFORDABLE HOU	ISING IN THE NORTHEAST KINGDOM	143
III. CHALLENGES TO	AFFORDABILITY	149
IV. TAKING ACTION: WORKFORCE HOUSIN	TOOLS FOR MUNICIPALITIES TO PROMOTE AFFORDABLE AND	153
GOALS AND STRATED	GIES FOR HOUSING	155
Chapter Six:	Economic Development	158
I. OVERVIEW		158
II. REGIONAL ECONO	MIC SECTORS	161
III. FOREIGN TRADE	ZONE	166
IV. ECONOMIC INDIC	ATORS	166
V. EXTERNAL TREND	S AND FORCES	168
VI. BUSINESS ASSIST	ANCE AND FINANCING	168
GOALS AND STRATED	GIES FOR ECONOMIC DEVELOPMENT	169
Chapter Seven:	Natural Resources	172

I. OVERVIEW	172
II. WATER RESOURCES	174
III. MINERAL RESOURCES	180
IV. AIR QUALITY	181
V. WILDLIFE HABITATS	182
GOALS AND STRATEGIES FOR NATURAL RESOURCES	189
Chapter Eight: Flood Resilience	191
I. INTRODUCTION	191
II. EXISTING CONDITIONS:	191
GOALS AND STRATEGIES FOR FLOOD RESILIENCE	203

VOLUME III REGIONAL TRANSPORTATION PLAN FOR THE NORTHEAST KINGDOM

Section 1: Introduction	2
The Region	3
Section 2: Vision and Goals	5
Vision for Transportation System Development and Improvement	5
Goals & Objectives	5
Section 3: Regional Transportation Network	7
Roadway	7
Interstate	8
National Highway System	9
State Highways	9
Local Roads	10
Railroads	10
Public Transit	12
Air	12

Bicycle and Pedestrian	13
Intermodal Facilities	14
Section 4: Regional Corridors Details and Recommendations	21
US Route 2	21
US Route 2 Goals and Recommendations	25
US Route 5	26
US Route 5 Goals and Recommendations	32
VT Route 15	32
VT Route 15 Goals and Recommendations	36
VT Routes 14, 16 and 122	36
VT Routes 14, 16 and 122 Goals and Recommendations	41
VT Route 100	41
VT Route 100 Goals and Recommendations	46
VT Routes 114, 141, 147, 253 and 102	46
VT Routes 114, 141, 147, 253 and 102 Goals and Recommendations	53
VT Routes 105, 111, 242 and 243	53
VT Routes 105, 111, 242 and 243 Goals and Recommendations	59
US Route 302 and VT Route 232	60
US Route 302 and VT Route 232 Goals and Recommendations	63

NVDA Region Transportation Maps

Map 1 Regional Transportation Network	3
Map 2 Regional Rail and Air	11
Map 3 Regional Traffic Volume	16
Map 4 Regional Bridge Sufficiency	17
Map 5 Regional High Crash Locations	18
Map 6 Regional Pavement Conditions	19
Map 7 Regional Park and Ride Locations	20