



“The Lex-Plan 2013”

Introduction **Table of Contents**

INTRODUCTION TO LEXINGTON	2
Location	4
Geography	4
Climate	4
Topography and Soils	4
History	6
COMPREHENSIVE PLANNING	7
The Purpose	7
The Process	8
The Components	9
GOVERNMENTAL and JURISDICTIONAL ORGANIZATION	10

Profile

INTRODUCTION	12
DEMOGRAPHICS	13
Population	13
Age Structure	15
Race Characteristics	19
Population Projections	21
HOUSING	24
Age of Existing Housing Stock	25
Housing Trends	26
ECONOMIC and EMPLOYMENT	31
Income Statistics	31
Industry Employment	35
Commuter Trends	37
Sales and Fiscal Profile	39
PUBLIC FACILITIES and UTILITIES	41
Community Facilities	42
Parks and Recreational	44

Educational	46
Fire and Police Protection	47
City Buildings	50
Communication	51
Health Facilities	52
Public Utilities	54
Energy Component	56
NATURAL and ENVIRONMENTAL CONDITIONS	64
Soils	65
Floodplain	71
Wellhead Protection	72
EXISTING LAND USE	74
Land Use Categories	75
Land Use Analysis	76
AIRPORT OVERLAY	80

Envision

INTRODUCTION	83
PUBLIC PARTICIPATION	84
Design Charrette	85
MindMixer Results	85
Focus Group Meetings	86
Town Hall Meetings	87
VISIONING	88
Vision Statement	88
GOALS, OBJECTIVES AND POLICIES	89
Community Image	92
Land Use Development	94
Housing	99

Public Facilities , Infrastructure and Transportation	102
Community and Economic Development	105
Plan Maintenance and Implementation	108

Achieve

INTRODUCTION	109
POPULATION PROJECTIONS	111
FUTURE LAND USE	112
Future Land Use Map	113
Land Use Designations	115
URBAN DESIGN	121
Corridor Enhancement	121
Greenfield Development	124
Infill Development	127
PARK AND RECREATION PLAN	132
Existing Parks	135
Park System Analysis and Services	136
Proposals and Recommendations	158
Park Land Dedication	187
TRANSPORTATION SYSTEM PLAN	190
Existing Transportation Profile	190
Future Transportation Plan	199

Implementation

IMPLEMENTATION TOOLS	231
PHASING	237
ANNEXATION	240

TABLE LISTING	PAGE
PROFILE	
Table 1: Population Trends, Lexington	13
Table 2: Population Comparison, Dawson County cities	14
Table 3: Cohort Analysis, Lexington, 2000 - 2010	16
Table 4: Age Cohort Comparison, Lexington	17
Table 5: Age Distribution, Lexington	18
Table 6: Racial Composition Trends, 1990 to 2010	19
Table 7: Projection Cohort Survival	22
Table 8: Lexington Historical Growth	23
Table 9: Low Population Projection	23
Table 10: Medium Population Projection	23
Table 11: High Population Projection	23
Table 12: Housing Trends, Lexington, 1990 - 2010	26
Table 13: Persons per Household, Lexington, 2010	28
Table 14: Lexington Housing Need Projections for 2020	29
Table 15: Lexington Housing Need Projections for 2030	30
Table 16: Median Household Income, Lexington 2011	32
Table 17: Household Incomes, Lexington and State of Nebraska, 2010	32
Table 18: Household Income Trends, Lexington and Nebraska, 1990 to 2010	33
Table 19: Per Capita Income Comparison, Lexington	34

LEXINGTON TABLES

Table 20: Employment by Industry, Lexington, 2010	35
Table 21: Travel Time to Work, Lexington	37
Table 22: Means of Travel Trend, Lexington, 2000, 2011	38
Table 23: Sales Tax Collected and Pull Factor, Dawson County communities	39
Table 24: Sales Tax Trend and Pull Factor, Lexington, Dawson County, State of Nebraska	40
Table 25: Parks Information, City of Lexington	44
Table 26: Golf Courses near Lexington	45
Table 27: 2012 -2013 School Year Enrollment, Lexington	46
Table 28: Colleges and Universities in the Lexington Area	46
Table 29: Private Service Providers, Lexington Nebraska	51
Table 30: Lexington Television Stations	51
Table 31: Lexington Radio Stations	51
Table 32: Energy Consumption By Source and Per Capita	58
Table 33: Energy Consumption by End-Use Sector, 2010	59
Table 34: Energy Usage Trend, City of Lexington, 2006 - 2012	60
Table 35: Land Use within Corporate Limits, Lexington, 2013	76
Table 36: Extraterritorial Jurisdiction Land Use, Lexington, 2013	77

ACHIEVE	
Table: 37: Population Projections, Lexington, 2020, 2030	111
Table: 38: Parks and Recreation Facility Classifications	134
Table: 39: Centennial Park, Lexington	136
Table: 40: Water Tower Park, Lexington	138
Table: 41: Arbor Park, Lexington	140
Table: 42: Oak Park, Lexington	142
Table: 43: Pioneer Park	144
Table: 44: Kirkpatrick Memorial Park, Lexington	146
Table: 45: Plum Creek Park, Lexington	147
Table: 46: Bryan Elementary School Park, Lexington	149
Table: 47: Pershing Elementary Park, Lexington	150
Table: 48: Morton Elementary Park, Lexington	151
Table: 49: Sandoz Elementary Park, Lexington	152
Table: 50: Lexington Middle School Facilities	153
Table: 51: Lexington Senior High School Facilities	154
Table: 52: Aquatic Center, Lexington	155
Table: 53: Optimist Recreation Complex, Lexington	156
Table: 54: Required and Optional Facilities and Services.	162

LEXINGTON FIGURES

FIGURE LISTING	PAGE
PROFILE	
Figure 1: Historical Population Trends	13
Figure 2: Population Comparison, Dawson County	14
Figure 3: 2010 Age Cohort Chart,	15
Figure 4: Population Change	20
Figure 5: 1990 Racial Composition	20
Figure 6: 2000 Racial Composition	20
Figure 7: 2010 Racial Composition	20
Figure 8: Low Population Projection	23
Figure 9: Medium Population Projection	23
Figure 10: High Population Projection	23
Figure 11: Age of Housing Stock, Lexington, 2010	25
Figure 12: Tenure Trend, Lexington 2000 - 2010	27
Figure 13: Percentage Tenure Trend of Owner and Renter, Lexington 1990 - 2010	27
Figure 14: 2020 Projections, Populations of owners and renters	29
Figure 15: 2030 Projections, Populations of owner and renters	30

Figure 16: Household Incomes	33
Figure 17: Public Facilities	43
Figure 18: School Districts	48
Figure 19: Fire and Rescue District	49
Figure 20: Utility Service	55
Figure 21: Generalized Soils Association	67
Figure 22: Detailed Legend for for Individual Soil Unit Map	69
Figure 23: Individual Soil Unit	70
Figure 24: Environmental Constraints	73
Figure 25: Existing Land Use, Corporate Limits	78
Figure 25b: Existing Land Use, Extraterritorial Jurisdiction	79
Figure 26: Jim Kelly Field Airport Overlay	82
ACHIEVE	
Figure: 27: Future Land Use Map	113
Figure: 28: Plum Creek Parkway Entrance	122
Figure: 29: Highway 30 Diet	123
Figure: 30: Downtown Gateway	124
Figure: 31: "Aging in Place" Neighborhood Design	125
Figure: 32: Southwest Neighborhood Design	126

Figure: 33: Adams Street Redevelopment	127
Figure: 34: Flex House, Urban Design	130
Figure: 35: Typical City Block Redevelopment Options	131
Figure: 36: Centennial Park	137
Figure: 37: Water Tower Park	139
Figure: 38: Arbor Park	141
Figure: 39: Oak Park	143
Figure: 40: Pioneer Park	145
Figure: 41: Kirkpatrick Memorial Park	146
Figure: 42: Plum Creek Park	147
Figure: 43: Optimist Recreational Complex	155
Figure: 44: Existing Bicycle and Pedestrian Facilities	156
Figure: 45: Park Service Area Map, Lexington	160
Figure: 46: Sandoz Park Proposed Master Plan	168
Figure: 47: Sandoz Park Proposed Master Plan	167
Figure: 48: Kirkpatrick Memorial Park proposed Master Plan, Lexington	174
Figure: 49: Kirkpatrick Memorial Park proposed Master Plan Lexington	175
Figure: 50: Plum Creek proposed Master Plan, Lexington	177

Figure: 51: Plum Creek proposed Master Plan	178
Figure: 52: Trails Concept Map	185
Figure: 53: Neighborhood Green Street Section (Typical)	186
Figure: 54: Secondary Green Street Section (Typical)	186
Figure: 55: Primary Green Street Section	186
Figure: 56: Roadways within the study and the existing federal functional classification	192
Figure: 57: Average Daily Traffic Volumes	194
Figure: 58: Bicycle and Pedestrian Facilities	196
Figure: 59: Future Housing	203
Figure: 60: Job Growth	204
Figure: 61: Existing and Future Traffic Volumes	205
Figure: 62: Wayfinding Examples	212
Figure: 63: Potential Wayfing Map, Lexington	213
Figure: 64: Possible Truck Routes through Lexington	214
Figure: 65: Railroad Crossings	218
Figure: 66: Current Bike & Pedestrian map, Lexington	221
Figure: 67: Future Bicycle and Pedestrian System, Lexington	229