TABLE OF CONTENTS

INTRODUCTION	2
LOCATION	3
CLIMATE AND TOPOGRAPHY	3
HISTORY	4
THE PURPOSE OF COMPREHENSIVE PLANNING	5
THE PLANNING PROCESS	5
COMPREHENSIVE PLAN COMPONENTS	6
GOVERNMENTAL AND JURISDICTION ORGANIZATION	7
COUNTY CHARACTERISTICS PROFILE	8
Demographic Profile	9
Population Trends and Analysis	9
Migration Analysis	9
Age Structure	10
Population Projections	12
Trend Line Analysis	12
Cohort Survival Analysis	13
Bureau of Business Research (BBR)	13
Summary of Population Projections	13
Housing Profile	14
Age of Existing Housing Stock	15
Housing Trends	16
Housing Condition	18
Summary of Housing Profile	19
ECONOMY AND EMPLOYMENT PROFILE	20
Income Statistics	20
Income and Housing	22
Income Source and Public Assistance	24
Employment Industry	25

Commuter Trends		26
Regional Basic/Non-	Basic Analysis	27
Summary of Econom	y and Employment Profile	29
AGRICULTURAL PROFILE		30
Summary of Agricult	ture Profile	32
COUNTY FACILITIES PROFILE.		33
RECREATIONAL FACILITIES		34
Municipal Facilities.		34
State Parks		35
Private Recreational		37
EDUCATIONAL FACILITIES		38
Public Schools		38
Private Schools		40
Educational Service	Unit	40
Southwest Area Train	ning Service (SWATS)	40
Post Secondary Scho	ols	41
FIRE, RESCUE, AND POLICE F	PROTECTION	43
Fire and Rescue Prot	ection	43
Police Protection		45
COUNTY BUILDINGS		46
County Courthouse		46
County Fairgrounds .		46
TRANSPORTATION FACILITIES	s	46
Truck Line Service		46
Railroad Service		47
Bus Service		47
Taxi Service		47
Airports		47
McCook Mun	nicipal Airport	47
North Platte'	s Lee Bird Field	47

	Central Nebraska Regional Airport	48
	Lee Field	48
	Hoyt	48
	COMMUNICATION FACILITIES	48
	Telephone Services	48
	Internet Services	48
	Radio and Television	48
	Newspapers	49
	PUBLIC UTILITIES	49
	Electrical Service	49
	Natural Gas and Propane Service	49
	Refuse Collection	49
	HEALTH FACILITIES	49
	Medical Clinics	49
	The McCook Clinic	49
	Tri Valley Medical Clinics	50
	HealthCare Services Medical Clinic	50
	Trenton Regional Medical Clinic	50
	Stratton Medical Center	50
	Specialist Center	50
	Hospitals	50
	Community Hospital	50
	Dundy County Hospital	51
	Cambridge Memorial Hospital	51
	Senior Facilities	51
GOAL	S AND POLICIES	53
	Introduction	54
	GOALS AND POLICIES FOR RED WILLOW COUNTY	59
	GENERAL LAND USE	59
	RESIDENTIAL LAND USE	60

Agricultural Land use	62
POPULATION	63
Environment and Natural Resources	64
ECONOMIC DEVELOPMENT	66
PUBLIC FACILITIES AND TAXES.	67
Transportation	68
Education	69
PARKS AND RECREATION	70
ENVIRONMENT, NATURAL AND MAN-MADE RESOURCES	72
Introduction	73
Natural Environmental Conditions	73
Parent Material	73
Windblown Silt	73
Colluvium	74
Alluvium	74
SOIL ASSOCIATIONS	74
Holdrege-Keith Association	74
Hord, Terrace-McCook-Bridgeport Association	77
Sandy Alluvial Lan-Las-Glenberg Association	78
Colby Association	78
PRIME CROPLAND	79
DRYLAND CAPABILITY CLASSIFICATION	79
SOIL LIMITATIONS	80
WATER SUPPLY	83
Physiography, Relief, and Drainage	84
Man-Made Conditions	88
Urban Development	88
Transportation and Markets	90
Public Facility Impacts	9 0

EXISTING LAND USE ANALYSIS	91
Introduction	92
Physical Character	92
Rural Residential Development	93
Rural Commercial Development	95
Rural Industrial Development	95
Rural Public/Quasi-Public/Recreation Developmen	ıt95
Agricultural Livestock Production	96
Existing Land Use	97
FUTURE LAND USE PLAN	98
Introduction	99
Principles and Concepts	99
LAND USE COMPONENT CONCEPTS	100
Agricultural Uses	100
Non-Agricultural Residential Uses	100
Commercial and Industrial Uses	101
Recreational Development	101
THE FUTURE LAND USE PLAN	102
General Agricultural Use	102
Transitional Development	104
River Corridor Protection Area	104
FUTURE LAND USE SUMMARY	105
TRANSPORTATION PLAN	106
Introduction	107
TRANSPORTATION PLANNING AND LAND USE	107
STREET AND ROAD CLASSIFICATION SYSTEM	108
EXISTING TRANSPORTATION SYSTEM	110
RED WILLOW COUNTY TRANSPORTATION IMPROVEMENTS	112
NEBRASKA DEPARTMENT OF ROADS IMPROVEMENTS	112

PLAN IMPLEMENTATION	114
Introduction	115
ACTION PLAN	115
SUPPORT PROGRAMS FOR THE ACTION PLAN.	115
COMPREHENSIVE PLAN MAINTENANCE	116
Annual Review of the Plan	116
PLAN AMENDMENT PROCEDURES	117
Unanticipated Opportunity	117
Methods for Evaluating Developmen	t Proposals117

TABLE OF TABLES

Table 1:	Population Trends, Rcd Willow County & Communities, 1970-1998.	9
Table 2:	Migration Analysis, Red Willow County, 1960-1999	10
Table 3:	Age Structure Characteristics, Red Willow County 1980-1990	11
Table 4:	Housing Trends, Red Willow County, 1980-1990	16
Table 5:	Tenure of Household by Housing Characteristics, Red Willow County, 1980-1990	18
Table 6:	Housing Condition, Red Willow County, 1980-1990	19
Table 7:	Household Income, Red Willow County, 1980-1990	21
Table 8:	Household Income by Age (55 Years and Older), Red Willow County, 1990	21
Table 9:	Housing Costs as a Percentage of Household Income, Red Willow County, 1990	23
Table 10:	Income by Source, Red Willow County, 1970-1997	23
Table 11:	Transfer Payments, Red Willow County and Nebraska 1970-1997	24
Table 12:	Employment by Industry, Red Willow County and Nebraska, 1980 and 1990	25
Table 13:	Commuter Population Trends, Red Willow County, 1960-1990	27
Table 14:	Basic/Non-Basic Employment by Occupation, Red Willow County, 1990	28
Table 15:	Regional and State Labor Force Comparisons, Red Willow County, 1990	29
Table 16:	Agricultural Profile, Red Willow County, 1982-1997	30
Table 17:	Number of Farms by Size, Red Willow County, 1982-1997	30
Table 18:	Number of Farms and Livestock by Type, Red Willow County, 1982-1997	31
Table 19:	Number of Farms and Crops by Type, Red Willow County, 1982-1997	32
Table 20:	Public School Fall Enrollment Districts Serving Red Willow County, 1999-2000	40
Table 21:	School District Valuations and Cost Per Student (ADA)* Districts Serving Red Willow County, 1998-1999	40

Table 22:	County Law Enforcement Data, Red Willow and Nearby Counties 1996-1998	45
Table 23:	Negative Aspects of Red Willow County	56
Table 24:	Positive Aspects of Red Willow County	57
Table 25:	Issues Facing Red Willow County	58
Table 26:	Future Projects for Red Willow County	58
Table 27:	Use Limitations of Existing Soils Within Red Willow County,	
	Nebraska	81
Table 28:	One and Six Year Transportation Plan Red Willow County, 2000	112

TABLE OF FIGURES

Figure 1:	Population Trends and Projections, Red Willow County, 1900-2020	14
Figure 2:	Age of Existing Housing Stock; Red Willow County, 1990	15
Figure 3:	School District Map	39
Figure 4:	Fire District Map	44
Figure 5:	Soil Associations	76
Figure 6:	Soil Suitability for Septic Tanks	85
Figure 7:	Soil Suitability for Sewage Lagoons and C.L.F.O.s	86
Figure 8:	Slopes by Soil Association.	87
Figure 9:	Flood Hazards	89
Figure 10:	Existing Land Use	94
Figure 11:	Future Land Use	103
Figure 12:	Transportation Classification Plan Map	111
Figure 13:	Transportation Improvement Plan	113

INTRODUCTION

LOCATION

Red Willow County is located in the southwest region of the State of Nebraska. Red Willow County borders the State of Kansas to the south, Hitchcock County to the west, Frontier County to the north and Furnas County to the east. The county is thirty miles long east to west and twenty-four miles long north to south. The City of McCook is the County seat and is located in the west-central portion of the County along U.S. Highway 34, running north to south and U.S. Highway 6, running east to west. The Village of Indianola is located adjacent to U.S. Highway 6 and is approximately eleven miles from McCook to the northwest. The Village of Bartley, located 6 miles east and slightly north of Indianola, is also located adjacent to U.S. Highway 6. Danbury is located in the southeast corner of the County on Nebraska Highway 89 approximately two miles from the northern border of Kansas. Lebanon, additionally located in the southeastern corner of the County, is seven miles to the west and slightly north of Danbury.

CLIMATE AND TOPOGRAPHY

The climate in Red Willow County is one of considerable change and unpredictability. The Rocky Mountains to the west of the county cut off any moisture that might enter the area from the west. There are no barriers to the north or south of the county. As a result, the county is subject to sharp changes in temperature when the wind shifts from south to north or from north to south. Changes in temperature are more noticeable in winter than in summer when the region to the north is too warm to provide much cold air. In winter, cold weather generally alternates with warm periods. The temperature equally remains below freezing only a few days each month. However, cold air occasionally moves into this region and remains for a month or more. Precipitation in winter is in the form of light infrequent snows that generally stay on the ground only a few days. The amount of snowfall increases through winter with the maximum amount falling in March. In the latter part of March, temperatures generally rise so most of the precipitation falls as rain, however, heavy snows occasionally occur in April and light snows in May. April, however, can bring severe thunderstorms. These storms are most frequent in June and can bring hail and tornadoes that potentially damage crops and homes. The summer weather is hot and unfavorable for crops. In July, afternoon temperatures can exceed more than 100 degrees F, but are generally in the 90s. Autumn begins a little later in Red Willow County than in the northern part of Nebraska. Hot winds are frequent in early September and can occur as late as October. The first freeze occurs as early as late September, however, this usually occurs early in October. In November, the days are mostly mild and the nights are frosty. By December, winter blizzards, accompanied by high winds pile snow into large drifts interfering with traffic and communications. Finally, strong winds also cause considerable dust blowing during droughts.

HISTORY OF RED WILLOW COUNTY

About the year 1870, the first settlements in the Republican Valley appeared. By the next year, a settlement was planned in what is now Red Willow County. In the fall of 1871, a company was formed in Nebraska City for the purpose of making a settlement somewhere in the Republican Valley. It was intended to start a town and induce a heavy settlement to the surrounding country, and in due time to organize a county. On November 4, 1871, the Board of Directors ordered Royal Buck, the President, to organize an exploration and location party from among the directors and stockholders of the new land. The party was to proceed to Republican Valley to select a location for the new settlement and to survey the town. In their examination of the country, the party found wild game, such as buffalo, antelope and various other kinds of game common to the Western prairies.

The town party had ideas of great prosperity for their new town site. During this time, the State Legislature framed a bill recognizing an area to be known as Red Willow County. This was an era of speculation and one

of the periods in the history of Nebraska when large and numerous town sites were laid out that were believed to become great, magnificent cities. Most of these platted communities however, never became towns at all and the others grew slowly, but generally kept pace with the settlements of the area. A newspaper, designed more especially for advertising Red Willow County, was started by the town party early in 1872 and was published in Nebraska City.

Through 1872, there were several settlements that commenced in the county, on and near Coon Creek, and covering the present town site of Indianola. In the spring of 1873, quite a heavy immigration west began and communities such as Indianola and McCook continued to see settlement into the early 20th Century, giving Red Willow County and its population the definition that it has today.

THE PURPOSE OF COMPREHENSIVE PLANNING

The Red Willow County Comprehensive Development Plan is designed to promote orderly land use for the County and its communities. The Comprehensive Development Plan will provide policy guidelines to enable citizens and elected officials to make informed decisions about the future of the County.

The Plan acts as a tool to "Develop a road map that guides the county through change"

The Comprehensive Development Plan will provide a guideline for the location of future land uses within the planning jurisdiction of Red Willow County. The Comprehensive Development Plan is intended to encourage a strong economic base for the County so the goals of the County are achieved.

The Plan will assist Red Willow County in evaluating the impacts of certain land uses and encourage appropriate land use throughout the jurisdictional area of the County. The objective of planning is to provide a framework for guiding Red Willow County, toward orderly growth and use of land. The Plan assists the County in balancing the physical, social, and economic features as it responds to private sector interests.

Planning will make Red Willow County more effective in serving residents, more efficient in using resources, and able to meet the standard of living and quality of life every individual desires.

THE COMPREHENSIVE PLANNING PROCESS

The planning process begins with data collection. Data are collected that provide a snapshot of the past and present County conditions. Analyses of data provide the basis for developing forecasts for future land-use demands in the County.

Next in the planning process is the development of general goals and policies, based upon the issues facing the County. These are practical guidelines for improving existing conditions and guiding future growth. The Comprehensive Development Plan is a vision presented in text, graphics and tables representing the desires of the County for the future.

The Comprehensive Development Plan represents a blueprint designed to identify, assess, and develop actions and policies in the areas of population, land use, transportation, housing, economic development, community facilities, and utilities. The Comprehensive Development Plan contains recommendations that when implemented will be of value to the County and its residents.

The final section is the implementation of the Plan. A broad range of land use policies and programs are required to implement the Comprehensive Development Plan. The Comprehensive Development Plan identifies the tools, programs, and methods necessary to carry out the recommendations. Nevertheless, the

implementation of the land use policies contained within the Comprehensive Development Plan is dependent upon the adoption of the Plan by the governing body, and the leadership exercised by the present and future elected and appointed officials of the County.

This Plan was prepared under the direction of the Red Willow County Planning Commission with the assistance and participation of the Red Willow County Board of Commissioners, and citizens of Red Willow County. The planning period for achieving goals, programs, and developments identified in the Red Willow County Comprehensive Development Plan is twenty (20) years. However, the County should review the Plan annually and update the document every ten to fifteen years, or when a pressing need is identified. Updating the Comprehensive Development Plan allows the County to incorporate ideas and issues not known at the time of the present planning process.

COMPREHENSIVE DEVELOPMENT PLAN COMPONENTS

Nebraska State Statutes require the inclusion of certain elements in a Comprehensive Plan. A "Comprehensive Development Plan," as defined in <u>Neb</u>. <u>Rev</u>. <u>Stat</u>. § 23-114.02 (RRS 1997), "shall consist of both graphic and textual material and shall be designed to accommodate anticipated long-range future growth." The Comprehensive Development Plan is comprised of the following components:

- § County Characteristics Profile;
- § County Facilities Profile;
- § Community Goals and Policies;
- § Environmental, Natural and Man-Made Resources;
- § Existing Land Use Analysis;
- § Future Land Use Plan
- § Transportation Plan; and
- § Plan Implementation.

Analyzing past and existing demographic, housing, economic and social trends permit the projection of likely conditions in the future. Projections and forecasts are useful tools in planning for the future; however, these tools are not always accurate and may change due to unforeseen factors. Also, past trends may be skewed or the data may be inaccurate, creating a distorted picture of past conditions. Therefore, it is important for Red Willow County to closely monitor population, housing and economic conditions that may impact the County. Through periodic monitoring, the County can adapt and adjust to changes at the local level. Having the ability to adapt to socio-economic change allows the County to maintain an effective Comprehensive Development Plan for the future, to enhance the quality of life, and to raise the standard of living for all residents.

The Comprehensive Development Plan records where Red Willow County has been, where it is now, and where it likely will be in the future. Having this record in the Comprehensive Development Plan will help County officials formulate future goals. The Comprehensive Development Plan is an information and management tool for County leaders to use in their decision-making process when considering future land use issues. The Comprehensive Development Plan is not a static document; it should evolve as changes in the land use, population or local economy occur during the planning period. This information is the basis for Red Willow County's evolution as it achieves its physical, social, and economic goals.

GOVERNMENTAL AND JURISDICTIONAL ORGANIZATION

The Red Willow County Board of Commissioners, which is a board of elected officials, performs the governmental functions for the County. Each incorporated community in Red Willow County also has elected officials and officers that oversee the governing of their County.

The planning and zoning jurisdiction of Red Willow County, pursuant to Neb. Rev. Stat. § 23-114 (RRS 1997), includes all of the unincorporated portions of the County, excluding the established extraterritorial jurisdiction of each incorporated city or village.

Pursuant to Neb. Rev. Stat. § 17-1001 (RRS 1997), the planning and zoning jurisdiction for the incorporated communities in Red Willow County that have adopted Comprehensive Development Plans and Zoning Ordinances, includes the area within one mile of their corporate limits. As these communities grow and annex land into their corporate limits, their extraterritorial jurisdictions will extend further into the County. There are five (5) communities in Red Willow County that are incorporated including Bartley, Danbury, Indianola, Lebanon, and McCook. Danbury and Lebanon have not enacted zoning, while the McCook, Bartley and Indianola have.