



Bowman Comprehensive and Transportation Plan

Bowman, North Dakota

June 2013



RESOLUTION 2013-1**A RESOLUTION TO ADOPT THE BOWMAN, NORTH DAKOTA
COMPREHENSIVE AND TRANSPORTATION PLAN**

WHEREAS, the Bowman City Commission is the duly elected governing body for the City of Bowman and wishes to plan for orderly and predictable future growth and development as well as a high level of continuity and connectivity in its transportation system; and

WHEREAS, the Bowman City Commission has undertaken the task of preparing a Comprehensive Plan to guide future zoning and subdivision decisions, and

WHEREAS, the Bowman City Planning and Zoning Commission, having held a public hearing thereon, following which recommended to the Bowman City Commission that the Comprehensive Plan be approved; and

WHEREAS, input from the public and affected property owners was sought during the planning process, and

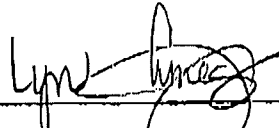
WHEREAS, the planning process for this undertaking was guided by appointed Planning and Zoning Commissioners and City Commissioners who reviewed and commented on the draft plan, and

WHEREAS, City officials have coordinated with Bowman County officials to ensure understanding and agreement about extraterritorial land use plans and the responsibilities of extraterritorial jurisdiction, and

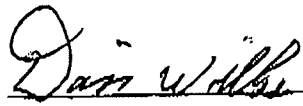
WHEREAS, citizens have been notified of and invited to attend meetings where the draft plan was reviewed and discussed.

NOW, THEREFORE BE IT RESOLVED, that the Board of Commissioners of the City of Bowman does hereby adopt the Bowman Comprehensive Plan.

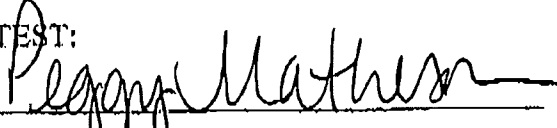
ADOPTED THIS 4th DAY OF JUNE, 2013



LYN JAMES, CHAIRMAN OF THE
CITY COMMISSION



DARWIN WILKE, CHAIRMAN OF
PLANNING & ZONING COMMISSION

ATTEST:


PEGGY MATHESON, CITY AUDITOR

Commissioner Whitney moved on adoption of the foregoing resolution. The motion was seconded by Commissioner Wiffler. On roll call vote of the Commissioners, the following Commissioners voted "AYE": Rea, Sondeland, Wiffler, Whitney and the following Commissioners voted "NAY": James. Absent and not voting: none.

Bowman Comprehensive and Transportation Plan

June 2013

Prepared for:

The City of Bowman, North Dakota

Prepared by:

SRF Consulting Group, Inc.

Table of Contents

<i>List of Figures</i>	iii
<i>List of Tables</i>	iii
<i>Appendix</i>	
1.0 INTRODUCTION	1
1.1 WHY PLAN	1
1.2 NORTH DAKOTA CENTURY CODE	2
2.0 HOW TO USE THIS PLAN	4
3.0 COMMUNITY OVERVIEW	5
3.1 HISTORY	5
3.2 DEMOGRAPHICS	7
3.2.1 Population	7
3.2.2 Age Distribution	9
3.2.3 Housing	10
3.3 EXTRATERRITORIAL AREA	10
3.4 TRANSPORTATION	12
3.4.1 Existing Functional Class	12
3.4.2 Existing Traffic Volumes	15
3.4.3 Key Intersections	16
3.4.4 Pedestrian and Bicycle Facilities	18
3.4.5 Crash History	18
3.5 EXISTING LAND USE	21
3.6 EXISTING ZONING	23
3.7 NATURAL RESOURCES	25
3.7.1 Agricultural Land	25
3.7.2 Buttes	25
3.7.3 Oil	28
3.7.4 Water bodies	28
4.0 PLANNING PROCESS	32
4.1 Kick-Off Meeting	32
4.2 Public Meeting #1	32
4.3 Bowman Township Meeting	32
4.4 Commission Meeting #1	32
4.5 Property Owner Open House	32
4.6 Public Meeting #2	33
4.7 Plan Adoption	33
5.0 COMMUNITY VISION, GOALS, AND OBJECTIVES	34
5.1 VISION STATEMENT OPTIONS	34
5.2 GOALS	34
5.2.1 Transportation Goals	34
5.2.2 Health Goals	35

5.2.3 Economy Goals.....	36
5.2.4 Housing Goals	37
5.2.5 City Service Goals	37
5.2.6 Quality of Life Goals.....	39
5.2.7 Infrastructure Goals	39
5.2.8 Land Use Goals.....	40
6.0 THE PLAN	42
6.1 FUTURE LAND USE PLAN.....	42
6.1.1 Commercial	42
6.1.2 Industrial	44
6.1.3 Industrial/Mobile Home Park.....	45
6.1.4 Public/Institutional.....	45
6.1.5 Low Density Residential	46
6.1.6 Medium Density Residential	47
6.1.7 Mobile Home.....	47
6.1.8 Residential/Open Space	47
6.1.9 Park and Open Space	47
6.1.10 Agricultural	48
6.1.11 Amending the Land Use Plan	48
6.1.12 Population and Household Growth	51
3.2 ZONING/ETA ZONING.....	53
6.3 TRANSPORTATION	56
6.3.1 Future Functional Classification and Roadway Connectivity.....	56
6.3.2 Future Improvements to Existing Intersections.....	58
6.3.3 Future Truck Reliever Route	61
6.3.4 Access Management.....	66
6.3.5 Lighting	68
6.3.6 Maintenance	68
6.3.7 Pedestrian and Bicycle Facilities.....	69
6.3.8 Traffic Impact Studies	71
6.3.9 Priorities and Next Steps.....	71
7.0 COMPREHENSIVE PLAN IMPLEMENTATION	73
7.1 LAND USE AND ZONING RECOMMENDATIONS AND GOAL IMPLEMENTATION.....	73
7.2 TRANSPORTATION RECOMMENDATIONS AND GOAL IMPLEMENTATION	73
7.3 HEALTH RECOMMENDATIONS AND GOAL IMPLEMENTATION	74
7.4 ECONOMY RECOMMENDATIONS AND GOAL IMPLEMENTATION	75
7.5 HOUSING RECOMMENDATIONS AND GOAL IMPLEMENTATION.....	75
7.6 CITY SERVICES RECOMMENDATIONS AND GOAL IMPLEMENTATION.....	76
7.7 QUALITY OF LIFE RECOMMENDATIONS AND GOAL IMPLEMENTATION	76
7.8 INFRASTRUCTURE RECOMMENDATIONS AND GOAL IMPLEMENTATION	76

List of Figures

Figure 1, Location Map	6
Figure 2, Population Comparison by City.....	8
Figure 3, Population Pyramid.....	9
Figure 4, Statutory ETA Allowance.....	11
Figure 5, Access/Mobility Diagram	12
Figure 6, Existing Functional Classification	13
Figure 7, Key Intersections.....	17
Figure 8, Existing Pedestrian and Bicycle Facilities	19
Figure 9, Crash History	20
Figure 10, Existing Land Use	22
Figure 11, Existing Zoning	24
Figure 12, Existing Land Cover	26
Figure 13, Existing Crop Land.....	27
Figure 14, Oil Well Locations	29
Figure 15, Existing Wetlands.....	30
Figure 16, Floodplain.....	31
Figure 17, Future Land Use Plan	43
Figure 18, ETA Zoning	54
Figure 19, ETA Zoning and Gateway Overlay Districts.....	55
Figure 20, Future Functional Classification.....	57
Figure 21, Intersection Improvements	59
Figure 22, Future Truck Reliever Route	62
Figure 23, Backage Road	67
Figure 24, Frontage Road.....	67
Figure 25, Future Pedestrian and Bicycle Facilities.....	70

List of Tables

Table 1, Population Trends	7
Table 2, Population Comparison by City.....	8
Table 3, Traffic Volumes on State Highways near Bowman	16
Table 4, Crash History	18
Table 5, Population Growth by 2000-2010 growth rates of other cities.....	51
Table 6, Bowman Population Growth Projections.....	52
Table 7, Housing Demands	52
Table 8, Access Management Plan	67

Appendix

- Appendix A, Planning Process
- Appendix B, Public Meeting #1 Materials
- Appendix C, Property Owner Open House Materials
- Appendix D, Public Open House Materials
- Appendix E, NDDOT Traffic Study Guideline