

City of Wilsonville

Comprehensive Plan



Updated July 2013

CITY OF WILSONVILLE
COMPREHENSIVE PLAN

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The Wilsonville Comprehensive Plan was revised in entirety and adopted by City Council Ordinance No. 517 on October 16, 2000. It has been amended since then by the ordinances below. These ordinances have been incorporated into the January 2013 Comprehensive Plan.

Ordinance #	Description	Adoption Date
742	Wilsonville Residential Land Study	5/19/14
718	2013 Transportation System Plan (Replaces prior Transportation Systems Plan)	9/6/12
707	Water System Master Plan (<i>Replaces all prior Water System Master Plans</i>)	9/6/12
700	Stormwater Master Plan (<i>Repeals Ordinance No. 515</i>)	2/23/12
676	Accessory Dwelling Units	3/3/10
674	Metro Title 13 (Nature in Neighborhoods) Compliance	11/16/09
671	Transportation-related amendments	11/16/09
653	Transit Master Plan	7/7/08
638	Statewide Planning Goal 9: Economic Opportunities Analysis	12/3/07
637	Coffee Creek 1 Master Plan	10/15/07
625	Parks and Recreation Master Plan	9/17/07
623	Bicycle and Pedestrian Master Plan	12/20/06
609	Villebois Village Master Plan Amendments	5/15/06
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574	Reduction of Allowable Commercial Uses in Industrially-Zoned Land	11/1/04
573	Memorial Parks Trails Master Plan	9/20/04
571	Wastewater Facility Plan	8/30/04
566	Villebois Village Master Plan Amendment	6/21/04
556	Villebois Village Master Plan (adoption of)	8/18/03
552	Transportation Systems Plan	6/2/03
555	Villebois Village Concept Plan - Comprehensive Plan Map amendment	6/2/03
554	Villebois Village Concept Plan text amendment	6/2/03
553	Villebois Village Concept Plan (adoption of)	6/2/03
549	Metro Title 5 Compliance	10/21/02
531	Water System Master Plan (<i>Replaced by Ordinance No. 707, adopted 9/6/12</i>)	1/24/02
530	Wastewater Collection System Master Plan	7/17/01
515	Stormwater Master Plan (<i>Repealed by Ordinance No. 700, adopted 2/23/12</i>)	6/7/01
516	Natural Resources Plan	6/7/01

INTRODUCTION

BRIEF HISTORY

Wilsonville is located within the traditional territory of the Kalapuyan people who occupied nearly all of the Willamette River watershed above the Falls (at Oregon City). The Tualatin Kalapuyans occupied the north bank of the Willamette and all of the Tualatin River watershed. The Santiam Kalapuyans occupied the south bank of the Willamette (including what is now the Charbonneau District of Wilsonville).

The opening of overland and sea routes to Oregon brought Old World diseases which repeatedly devastated Kalapuyan populations in a series of epidemics that ranged from smallpox to malaria in the late 18th and early 19th centuries. After that, the expansion of white and multi-racial immigration restricted Kalapuyan land management and undermined the native economy. Following treaties in the 1850s, the remnants of both the Santiam and Tualatin Kalapuyans were moved to the Grand Ronde Reservation.

Early settlement of the Wilsonville area by people other than the indigenous Native Americans dates back to the early 1800s. In addition to scattered farms, the early settlement began providing needed support services for travelers using a ferry crossing the Willamette River. The ferry was operated by Alphonse Boone, a relative of Daniel Boone, and provided access to the southern Willamette Valley from the Portland area. The town was named after early postmaster Charles Wilson. In 1908 the railroad came to the area, creating a transportation link that still continues today. Electricity, natural gas lines, telephone service, automobiles, paved roads and eventually the I-5 Interstate freeway came to Wilsonville, inducing more growth. The freeway brought Wilsonville to within a 20-minute drive to Portland, and a 30-minute drive to Salem. With the completion of I-205, connecting with I-5 just north of Wilsonville, the area's advantageous position for interstate trucking and commerce was substantially enhanced. Freeway and rail access and an abundance of open land have made Wilsonville a desirable place for commercial and industrial development. The peaceful, rural setting also provided a pleasant atmosphere for residential development. As a result, Wilsonville has been one of the fastest growing cities in the state and has one of the highest ratios of jobs to housing.

HISTORY OF LOCAL PLANNING EFFORTS

The creation of the Interstate-5 freeway in the late 1950s, followed by the first sections of I-205 in the 1960s, increased the pressure for development within this area. In a move to increase local control, the local residents voted to incorporate. On January 1, 1969, Wilsonville became a City.

It should be noted that the term "City," as used in this document, refers to the land where the City of Wilsonville is located, the collective citizenry of the community, and the political entity providing governance of the community – subject to the City Charter.

Almost immediately after incorporation, the newly-formed City began work on a General Plan that was intended to help the City preserve the natural qualities of the area, while also ensuring efficient land use as development occurred.

Wilsonville's General Plan, completed in 1971, was adequate for its time. However, changes in economic and social circumstances, as well as adoption of new state planning legislation, soon outdated the General Plan. Requirements for land use plans in Oregon changed substantially with the adoption of new state legislation (Senate Bill 100) in 1973. In 1975, a new Comprehensive Plan Map was adopted which included an urban growth boundary as required by LCDC. Subsequent Comprehensive Plan amendments were adopted on July 7, 1980, by Resolution No. 144; on May 3, 1982, by Ordinance No. 209; and on November 7, 1988, by Ordinance No. 318. The last two of those major amendments were the result of periodic review processes.

The adoption of SB 100 established the Land Conservation and Development Commission (L.C.D.C.) and empowered the Commission to adopt Statewide Planning Goals. All cities and counties in Oregon were required to adopt Comprehensive Plans and implementing ordinances in conformance with the Statewide Planning Goals and to coordinate their Plans with affected units of government and special districts under the State Legislation. Since that time, Comprehensive Plans have become the dominant legal documents directing land use and development within local jurisdictions. The requirement to conform to the Statewide Planning Goals has also made local Plans more comprehensive in content. Plans must also be supported by adequate documentation and analysis of alternatives, impacts, etc., and must be legislatively adopted by the City. Wilsonville's Comprehensive Plan and implementing ordinances must also be coordinated with the plans of both Washington and Clackamas Counties. In the Portland area, local plans and ordinances must also be reviewed by the Metropolitan Service District (Metro) for compliance with regional plans and policies.

The Metro Charter, approved by two-thirds of the region's voters in November 1992, established growth management as Metro's primary task and gave Metro's elected Council broad powers affecting city and county planning programs throughout the region.

Wilsonville's planning programs are required to support Metro's 2040 Regional Framework Plan, and any Functional Plans that are formally adopted by the Metro Council. Such Metro plans are intended to direct the region's urban growth and development.

With the adoption of Metro's 2040 Plan, Wilsonville joined other cities and counties as an active participant in a regional planning effort. This is particularly important to Wilsonville because Metro's decisions on the regional UGB will have a direct effect on land supply and housing demands in this area.

Wilsonville's history of growth is partly the result of its physical location, its position in the regional economy, and its relationship to the interstate freeway system. Wilsonville continues its cooperative and participatory approach to growth management in order to preserve the local quality of life as additional people move into the urban area. Also, as a participant in regional planning efforts, Wilsonville must deal with the issues accompanying growth - traffic congestion,

loss of open space, speculative pressure on rural farm lands, rising housing costs, diminishing environmental quality, demands on infrastructure such as transportation systems, schools, water and sewer treatment plants, and vulnerability to natural hazards - within a common framework. A planning program that recognizes each of these issues and provides a means of balancing and equitably resolving the conflicts between competing interests enhances the community's ability to manage urban growth successfully and creates the opportunity for a livable future.

In addition to meeting Metro requirements, Wilsonville's Comprehensive Plan must be reviewed by LCDC for compliance with the Statewide Planning Goals. All local land use decisions must be made in conformance with the provisions and policies of the City's Comprehensive Plan.

The Comprehensive Plan is an official statement of the goals, policies, implementation measures, and physical plan for the development of the City. The Plan documents the City's approach to the allocation of available resources for meeting current and anticipated future needs. In doing so, it records current thinking regarding economic and social conditions. Because these conditions change over time, the Plan must be directive, but flexible, and must also be periodically reviewed and revised to consider changes in circumstances.

Periodic Review is a State-mandated process through which a local government reviews its Comprehensive Plan and land use regulations to ensure continued compliance with the Statewide Planning Goals and other legal requirements.

The current amendments to the Comprehensive Plan are a result of the Periodic Review process that was initiated in 1996. In the years since the previous major update of the Comprehensive Plan, Wilsonville has experienced significant increases in both population and employment. The Comprehensive Plan has been updated so that the City's actions will be based on recent trends and future projections.

Wilsonville's Comprehensive Plan has been re-evaluated, updated, and in some places re-written, to produce a more user-friendly, current document that will guide the City's growth and development for some years into the future.

Comprehensive Plan Land Use Map

The Land Use Map of the Comprehensive Plan shows land designated for Public, Industrial, Commercial, and Residential use.

The residential designations include planned density ranges which have been changed to reflect Metro's requirement that minimum densities be at least 80% of maximums. In order to meet that requirement, the lower end of the planned density range has been increased and the higher end left unchanged. For example, properties that were previously designated for residential development at 7 to 12 units/acre are now planned for 10 to 12 units/acre. Most of the residential development that has occurred in Wilsonville has been at densities within 80% of the maximum, so this change is not expected to significantly alter the patterns of housing development that have already been established.

The City historically protected natural resources through the Primary Open Space (POS) and Secondary Open Space (SOS) designations in the Comprehensive Plan and Comprehensive Plan Land Use Map. Primary Open Space was a protected resource category that did not allow any development, and Secondary Open Space, which served as a buffer to Primary Open Space, allowed limited development through a Conditional Use permit review process.

In order to comply with the requirements of Statewide Planning Goal 5-Natural Resources, Title 3 of Metro's Urban Growth Management Functional Plan and the Endangered Species Act (ESA) related to the listing of salmonids in the Willamette River as threatened, the City has completed a public process and has created a Significant Resource Overlay Zone. This overlay zone and implementing ordinance replaces the POS/SOS designations in the Comprehensive Plan and on the Comprehensive Plan Land Use Map.

Additional to the Land Use Map, the Plan includes the following text:

1. Separate sections as follows:
 - A. Citizen Involvement;
 - B. Urban Growth Management;
 - C. Public Facilities and Services; and
 - D. Land Use and Development.
2. Each section includes background information and a listing of the Goals, Policies, and Implementation Measures which describe the desired form, nature and rate of City development. Goals state what the community intends to achieve through the implementation of the Comprehensive Plan. Policies are clearly stated commitments from the City Council that are intended to help achieve the stated Goals. Implementation Measures describe the actions that the City will take in support of the Policies. None of these things are intended to be merely guidelines. Policy statements address the entire range of topics included in the Statewide Planning Goals. Also included are references to the Metro 2040 Plan, as well as the Framework and Functional Plans that apply to Wilsonville's planning program.
3. A land use map shows what kind of use is planned for each piece of land, and how these uses are related to adjacent uses. Uses include residential, public, commercial, and industrial activities. For residential areas, the map shows anticipated densities. Public uses include streets, parks, schools, fire stations, public water and sewer facilities and other City buildings.
4. The City uses a two-map system for land use planning (the Land Use Map of the Comprehensive Plan and the Zoning Map). Those researching the potential uses of land should see both maps and read the applicable portions of the City's Development Code, as well as the text of the Comprehensive Plan.

Supporting Documents:

All of the following documents, including amendments that may subsequently be made, should be considered to be supportive of the contents of the Comprehensive Plan. However, only those documents that have been specifically adopted by the City Council as part of this Comprehensive Plan, or implementing this Plan, shall have the force and effect of the Plan.

- Bicycle and Pedestrian Master Plan (Replaces Chapter 5 of Transportation Systems Plan) (2006)
- Capital Improvements Plan Summary Findings and Recommendations (on-going),
- Coffee Creek 1 Master Plan (2007)
- Development Code (Chapter 4 of the Wilsonville Code) and other implementing City ordinances.
- Federal Emergency Management Agency Floodway and Flood Insurance Rate Maps (2008)
- Guidelines for a Water Wise Landscape (1998)
- Master Public Facilities and Capital Improvements Plan (on-going).
- Memorial Park Trails Plan (2004)
- Metro's Region 2040 program (1995), Regional Framework Plan (1997), Urban Growth Management Functional Plan (1997) and subsequent titles (chapters), Regional Transportation Plan (RTP) and supporting documents (including the Regional Housing Needs Analysis, 1997).
- Metro's Title 13 (Nature in Neighborhoods) compliance (with Metro's Urban Growth Management Functional Plan)
- Natural Resource Plan and supporting documents (2001)
- Parks and Recreation Master Plan (2007)
- Physical Inventory – The Natural Environment Research/Analysis (1979)
- Public Works Standards (2006)
- Statewide Planning Goal 9: Economic Opportunities Analysis (2007)
- Statewide Planning Goals and Guidelines, as amended. Please see the end of this Introduction section for a list of the Statewide Planning Goals.
- Stormwater Master Plan (2012)
- Street Tree Study (1998)
- Transit Master Plan (Replaces Chapter 6 and Chapter 8 of the 2003 Transportation Master Plan) (2008)
- Transportation Systems Plan (2003) and supporting documents.
- Urban Renewal Plan (1993)
- Villebois Village Concept Plan (2003)

- Villebois Village Master Plan (2006)
- Wastewater Collection System Master Plan (2001)
- Wastewater Facility Plan (2004)
- Water Moratorium and Public Facility Strategy Information (1998 – 2000)
- Water Supply Study Report (1997)
- Water System Master Plan (2012)
- West Side Master Plan (1996)
- Wilsonville Residential Land Study (2014)

PROCEDURES

How to Use the Plan

The purpose of this Plan is to guide the physical development of the City. Following this introduction, the text of the Plan is presented in four major sections that provide a framework for land use decisions. The four sections are:

- A. Citizen Involvement – this section describes the City’s on-going citizen involvement program.
- B. Urbanization – this section defines where and when urban level development will be permitted and recognizes Metro’s authority relative to the regional urban growth boundary.
- C. Public Facilities and Services – this section determines what facilities and services must be available to support urban development, and therefore, further defines when development can occur.
- D. Land Use and Development – this section determines future zoning and how a parcel of land may be developed. It provides basic standards for residential, public, commercial, and industrial uses and establishes general planning districts for each of these types of uses. The planning districts are visually represented on a land use map.

This Plan consists of general background and explanatory text, City of Wilsonville Goals, Policies, Implementation Measures, and a Plan Map. When any ambiguity or conflict appears to exist, Goals shall take precedence over Policies, Implementation Measures, text and Map; Policies shall take precedence over text, Implementation Measures, and Map. The land use map is only a visual illustration of the intent of the Plan. Therefore, the lines separating uses on the map are not rigid and inflexible. The lines for residential districts do, however, provide a basis for computing permitted densities or total number of allowable units, or zoning densities within a given development.

The Planning Commission, Development Review Board, and Planning Director are authorized to interpret the standards and requirements of either the text or maps of the Comprehensive Plan. The City Council shall have final authority for the interpretation of the text and/or map when such matters come before the Council for consideration.

Plan Amendments

This Plan has been designed to provide some flexibility in interpretation in an effort to be market-responsive and to minimize the need for Plan amendments. However, since it is impossible and impractical to allow for all possible combinations of land development proposals, it is probable that occasional Plan amendments will be necessary. In addition, economic and social conditions change over time, as do land use laws. Therefore, Plans must be periodically reviewed to consider changed circumstances. As noted above, periodic review of local Plans is also required by state law.

The Planning Commission, Development Review Board, and City Council all provide the public with opportunities to comment on non-agenda items at each regularly scheduled public meeting. Any interested person has the opportunity to suggest changes to the Comprehensive Plan that those decision-making bodies may wish to consider. The Commission, DRB, or Council may initiate a Plan amendment, by motion, as prescribed in #1, below.

1. Who May Initiate Plan Amendments? An amendment to the adopted Plan may be initiated by:
 - a. The City Council
 - b. The Planning Commission (for legislative amendments) or Development Review Board (for quasi-judicial amendments); or
 - c. Application of the property owner(s) or contract purchaser(s) affected or their authorized agents, as specified in #2, below.

2. Application for Plan Amendments:

An application for an amendment to the Plan maps or text shall be made on forms provided by the City. The application, except when initiated by the City Council, DRB, or Planning Commission, as noted in #1, above, shall be accompanied by a Plan Amendment Fee.

3. The Consideration of Plan Amendments:
 - a. Amendments to the maps or text of the Comprehensive Plan shall only be considered by the City Council after receiving findings and recommendations from the Planning Commission (legislative) or Development Review Board (quasi-judicial) at their regular or special meetings.

 - b. Amendments must be initiated as provided in this section, sufficiently in advance of the first evidentiary hearing on the proposal to allow adequate time for providing public notice and preparing a staff report on the proposal. The first

evidentiary hearing is usually the first public hearing held by the Planning Commission or Development Review Board on the proposal.

- c. This Plan, and each of its elements, is always open for amendments that consider compliance with the Statewide Planning Goals and Plans of Metro. Amendment and revision for compliance with the above regional Goals, Objectives, and Plans shall be consistent with any re-opening of local Plans as approved by the Land Conservation and Development Commission (LCDC).

This provision is not to be construed as waiving any legal rights which the City may have to challenge the legality of a regional Goal, Objective or Plan provision.

- d. The Planning Commission or City Council may conduct a public hearing at any time to consider an amendment to the Plan text or Plan map when the Commission or Council finds that the consideration of such amendments are necessary to comply with the rules, regulations, goals, guidelines or other legal actions of any governmental agency having jurisdiction over matters contained in said text or Plan map.

4. Standards for approval of Plan Amendments.

In order to grant a Plan amendment, the City Council shall, after considering the recommendation of the Development Review Board (quasi-judicial) or Planning Commission (legislative), find that:

- a. The proposed amendment is in conformance with those portions of the Plan that are not being considered for amendment.
- b. The granting of the amendment is in the public interest.
- c. The public interest is best served by granting the amendment at this time.
- d. The following factors have been adequately addressed in the proposed amendment:
 - the suitability of the various areas for particular land uses and improvements;
 - the land uses and improvements in the area;
 - trends in land improvement;
 - density of development;
 - property values;
 - the needs of economic enterprises in the future development of the area;
 - transportation access;
 - natural resources; and
 - the public need for healthful, safe and aesthetic surroundings and conditions.
- e. Proposed changes or amendments to the Comprehensive Plan do not result in conflicts with applicable Metro requirements.

5. Public Notice Requirements.

- a. Notice of public hearings before the Development Review Board, Planning Commission, and City Council concerning proposed Plan amendments shall be published in a newspaper of general circulation as prescribed by the state. A written notice of proposed amendments shall be posted in at least three conspicuous public places within the City not less than ten (10) days prior to the hearing(s). Written notice of map amendments shall be mailed to owners of property within 250 feet of the properties or property described in the notice at least ten (10) days prior to the date of the hearing(s).

The City of Wilsonville regularly meets and exceeds the typical standards for public notice concerning land use planning matters. This practice will continue, including City-wide notice, in appropriate situations, to all property owners.

- b. The public notice shall include the date, time, and place of the public hearing(s); a description of the properties involved in the proposed amendment; and a general statement of the nature of the proposed amendment to be considered by the reviewing body.
- c. In the process of amending any Comprehensive Plan provision or implementing ordinance, the City will continue to give notice to Metro as required. At such time as any notice is given to the Director of the Department of Land Conservation and Development pursuant to ORS 197.610 or 197.615, a copy shall be sent to Metro's Executive Officer. In addition to the content of the notice required by ORS 197.610 or 197.615, the notice furnished to Metro shall include an analysis demonstrating that the proposed amendments are consistent with applicable Functional Plans. However, if the analysis demonstrating consistency with Functional Plans is not included in the initial notice, Metro requirements specify that a report containing the analysis shall be delivered to Metro no later than fourteen (14) days before the City conducts a final hearing on the proposed amendment.

Planning/Zoning Procedures

The City is gradually building out, with much less undeveloped property than in the past. Portions of the undeveloped areas are currently served with adequate public facilities for urban level development. Other areas are not adequately served and the service levels vary greatly throughout the City.

Therefore, in order to provide a process to insure orderly development consistent with the availability of adequate public facilities, the provisions of this Plan shall be administered through case-by-case zoning and Site Plan review procedures set forth in the Wilsonville Code. The Development Code clearly defines the standards that must be met to obtain a Zone Change and/or Site Development Permit.

The purpose of the case-by-case review is two-fold. First, the zoning process is intended to serve as an administrative procedure to evaluate the conversion of urbanizable land to urban land consistent with the conversion criteria set forth in the Statewide Planning Goal 14 (Urbanization). Because the service levels vary throughout the City, the zoning process will allow for a case-by-case analysis of the availability of public facilities and services and to determine specific conditions in terms of phasing of development related to needed facility improvements.

Secondly, not all types of development create equal community impact. Therefore, each development must be evaluated on its own merits and liabilities. For this reason, a case-by-case Site Development Plan review is intended to provide site specific analysis of impacts related to particular development proposals, rather than general use categories such as residential, commercial or industrial.

All land development proposals shall be reviewed for conformity to the Plan and specific standards set forth in implementing Ordinances.

The applicable Statewide Planning Goals, as of March 2000, have been copied in full below to help the reader to understand the City's role in the State's overall planning program.

OREGON'S STATEWIDE PLANNING GOALS

1. Citizen Involvement: To develop a citizen involvement program that insures the opportunity for citizens to be involved in all phases of the planning process.
2. Land Use Planning: To establish a land use planning process and policy framework as a basis for all decisions and actions related to use of land and to assure an adequate factual base for such decisions and actions.
3. Agricultural Lands: To preserve and maintain agricultural lands.
4. Forest Lands: To conserve forest lands by maintaining the forest land base and to protect the state's forest economy by making possible economically efficient forest practices that assure the continuous growing and harvesting of forest tree species as the leading use on forest land consistent with sound management of soil, air, water, and fish and wildlife resources and to provide for recreational opportunities and agriculture.
5. Natural Resources, Scenic and Historic Areas, and Open Spaces: To conserve open space and protect natural and scenic resources.
6. Air, Water, and Land Resources Quality: To maintain and improve the quality of the air, water, and land resources of the state.
7. Areas Subject to Natural Disasters and Hazards: To protect life and property from natural disasters and hazards.
8. Recreational Needs: To satisfy the recreational needs of the citizens of the state and visitors and, where appropriate, to provide for the siting of necessary recreational facilities including destination resorts.
9. Economic Development: To provide adequate opportunities throughout the state for a variety of economic activities vital to the health, welfare, and prosperity of Oregon's citizens.
10. Housing: To provide for the housing needs of the citizens of the state.
11. Public Facilities and Services: To plan and develop a timely, orderly and efficient arrangement of public facilities and services to serve as a framework for urban and rural development.
12. Transportation: To provide and encourage a safe, convenient and economic transportation system.
13. Energy Conservation: To conserve energy.
14. Urbanization: To provide for the orderly and efficient transition from rural to urban land use.
15. Willamette River Greenway: To protect, conserve, enhance, and maintain the natural, scenic, historical, agricultural, economic and recreational qualities of lands along the Willamette River as the Willamette River Greenway.

CITIZEN INVOLVEMENT

In one way or another, directly or indirectly, the Comprehensive Plan affects all citizens in the City, whether they own property or not. The Plan allocates land to various residential, public, commercial and industrial uses. It also establishes standards for how and when such lands may be developed for the designated purposes. The Comprehensive Plan is not a document created by one faction and imposed upon another, but rather an ongoing planning process that needs and depends upon input and direction developed by all concerned. For these reasons, citizen involvement is a vital part of the planning process. In fact, under Oregon law, citizen involvement is required. Statewide Planning Goal No. 1 requires each community to adopt, implement, and periodically review a citizen involvement program.

Since its incorporation, including development of the 1971 General Plan; and each subsequent revision of the Comprehensive Plan, as well as routine planning and zoning administration, the City of Wilsonville has encouraged citizen involvement in the decision-making process. For a number of years, Wilsonville Interested Neighbors (WIN) served as the City's official Citizen Advisory Committee. WIN ceased meeting in 1991 and after that a number of different ad hoc committees have been appointed to provide for citizen involvement. The City's Planning Commission has continued to serve as the primary citizen involvement organization throughout that time. Given this history, the City has chosen to recognize the Planning Commission's continuing role in facilitating and encouraging public involvement. This does not preclude the use of other ad hoc or adjunct groups to gain public participation but it does formalize the Planning Commission's responsibilities in advising the City Council about the City's overall citizen involvement program.

Wilsonville's Planning Commission, made up of people with diverse interests in the community, now fulfills the role as the City's official Committee for Citizen Involvement. Unlike most Planning Commissions that have quasi-judicial authority, Wilsonville's Planning Commission deals only with legislative and long-range policy issues. The Planning Commission's quasi-judicial functions were transferred to the Development Review Board in 1997, in order to allow the Commission to focus on advising the City Council on legislative policy issues. The Planning Commission's advisory duties make the Commission especially qualified to fulfill the role as the City's Committee for Citizen Involvement. The Planning Commission frequently conducts work sessions and other informal public meetings that are deliberately intended to encourage an exchange of ideas and opinions without the formality of public hearings. These meetings are intended to "open" the City's planning processes for greater public participation.

The Commission may conduct both work sessions and public hearings in one meeting. For instance, it is fairly typical for the Commission to have a work session or informal public meeting before or after a public hearing. The Commission conducts regularly scheduled meetings each month and frequently schedules additional meetings to deal with a wide range of issues. All Planning Commission meetings are open to the public.

Wilsonville’s Planning Commission meets the two principal requirements of Statewide Planning Goal No. 1 to serve as the City’s official Committee for Citizen Involvement:

- * members are broadly representative of geographic areas and interests related to land use; and
- * members are selected through an open, well-publicized public process.

All City residents and interested parties are allowed and encouraged to participate throughout the City’s planning processes. Citizens also regularly participate in decision-making or advisory capacities as members of:

- Development Review Board
- Planning Commission
- Parks and Recreation Advisory Board
- Library Board
- Budget Committee
- Other special study task forces

The City has long recognized the importance of citizen involvement and understanding in government decisions. In support of past involvement activities and to guide future citizen involvement, the following goals, policies, and implementation measures are established.

Local planning decisions also affect other public agencies. Therefore, elements of the Plan and the supporting database will continue to be coordinated with numerous other public agencies.

GOAL 1.1 To encourage and provide means for interested parties to be involved in land use planning processes, on individual cases and City-wide programs and policies.

Policy 1.1.1 The City of Wilsonville shall provide opportunities for a wide range of public involvement in City planning programs and processes.

Implementation Measure 1.1.1.a Provide for early public involvement to address neighborhood or community concerns regarding Comprehensive Plan and Development Code changes. Whenever practical to do so, City staff will provide information for public review while it is still in “draft” form, thereby allowing for community involvement before decisions have been made.

Implementation Measure 1.1.1.b Support the Planning Commission as the City’s official Citizens Involvement Organization with regular, open, public meetings in which planning issues and projects of special concern to the City are discussed and resultant recommendations and resolutions are recorded and regularly reported to the City Council, City staff, and local newspapers. The Planning Commission may schedule special public meetings as the Commission deems necessary and appropriate to carry out its responsibilities as the Committee for Citizen Involvement.

Implementation Measure 1.1.1.c Support the Planning Commission as the Committee for Citizen Involvement, which assists City Officials with task forces for gathering information, sponsoring public meetings and/or evaluating proposals on special projects relating to land use and civic issues, when requested by officials or indicated by community need.

Implementation Measure 1.1.1.d Support the Planning Commission as a public Citizens Involvement Organization which assists elected and appointed City Officials in communicating information to the public regarding land use and other community issues. Examples of ways in which the Commission may accomplish this include conducting workshops or special meetings.

Implementation Measure 1.1.1.e Encourage the participation of individuals who meet any of the following criteria:

1. They reside within the City of Wilsonville.
2. They are employers or employees within the City of Wilsonville.
3. They own real property within the City of Wilsonville.
4. They reside or own property within the City's planning area or Urban Growth Boundary adjacent to Wilsonville.

Implementation Measure 1.1.1.f Establish and maintain procedures that will allow any interested parties to supply information.

Implementation Measure 1.1.1.g The Planning Commission will continue to conduct three different kinds of meetings, all of which are open to the public. Whenever feasible and practical, and time allows, the Commission and staff will conduct additional informal meetings to gather public suggestions prior to drafting formal documents for public hearings. The different kinds of meetings conducted by the Commission will include:

1. Public hearings;
2. Work sessions and other meetings during which citizen input is limited in order to assure that the Commission has ample time to complete the work that is pending; and
3. Informal work sessions and other meetings during which the general public is invited to sit with the Commission and play an interactive part in discussions. These sessions are intended to provide an open and informal exchange of ideas among the members of the general public and the Commissioners. Such meetings will happen at least two or three times each year.

Implementation Measure 1.1.1.h In preparing public notices for Planning Commission meetings, the staff will clarify whether the meeting will involve a public hearing and/or a work session.

GOAL 1.2: For Wilsonville to have an interested, informed, and involved citizenry.

Policy 1.2.1 The City of Wilsonville shall provide user-friendly information to assist the public in participating in City planning programs and processes.

Implementation Measure 1.2.1.a Clarify the process of land use planning and policy formulation so citizens understand when and how they can participate.

Implementation Measure 1.2.1.b Using press releases or other means, publicize the ways in which interested parties can participate and the topics which will be considered by public boards.

Implementation Measure 1.2.1.c Establish procedures to allow interested parties reasonable access to information on which public bodies will base their land use planning decisions.

Policy 1.3 The City of Wilsonville shall coordinate with other agencies and organizations involved with Wilsonville's planning programs and policies.

Implementation Measure 1.3.1.a Encourage members of the Wilsonville Chamber of Commerce and other interested organizations to serve on City Boards and Planning Commission.

Implementation Measure 1.3.1.b Where appropriate, the City shall continue to coordinate its planning activities with affected public agencies and private utilities. Draft documents will be distributed to such agencies and utilities and their comments shall be considered and kept on file by the City.

Elements of this Plan and the supporting database have been coordinated with the following agencies:

- Dept. of Land Conservation and Development (DLCD)
- Metropolitan Service District (Metro)
- Tri-Met
- Washington County
- Clackamas County
- Cities of: Tualatin, Sherwood, West Linn, Rivergrove, Canby, Durham, Lake Oswego, Tigard, Aurora, Woodburn, and Newberg.
- Sherwood, Canby, and West Linn-Wilsonville School Districts
- Oregon Department of Environmental Quality
- Oregon Department of Transportation and Parks and Recreation Dept.
- Oregon Department of Economic Development
- Oregon Department of Fish and Wildlife
- Oregon Department of Forestry

- Port of Portland
- U.S. Army Corps of Engineers
- Bonneville Power Administration
- The franchise utilities operating within the City.

URBAN GROWTH MANAGEMENT

Wilsonville is located within the jurisdiction of Metro, and coordinates the management of urban growth in and around Wilsonville with the affected county and regional governments. This section of the Comprehensive Plan recognizes that land around Wilsonville, especially land within the Urban Growth Boundary (UGB), is intended to meet urban growth needs for many years to come. This section is closely tied to the public facilities element to assure the orderly economic provision of urban services. This prioritizes areas for phased urban development, and specifies policies for the conversion of rural land to urban uses.

Wilsonville's rapid growth is clearly demonstrated by the following statistics: of the land within the current City limits, three times as much was developed in 1999 as was the case in 1988; and the City's population increased by nearly 400 percent in the same period. Economic development has grown just as rapidly, yielding an employment base that has grown as rapidly as the population. Figures provided by Metro in 1996 indicated that Wilsonville had more than three jobs for each housing unit within the City.

Based on Metro's (1981) regional growth allocation statistics, Wilsonville's population was projected to grow to 15,600 by the year 2000. In the same time period, the City's economic growth is expected to generate a total of 14,400 jobs. Those projections proved to be surprisingly accurate. In fact, Wilsonville's population in 2000 approached the 15,600 figure, and the number of jobs exceeded the 14,400 figure.

The City has found that uncontrolled rapid growth can seriously impact and overload the available public facilities and services. However, the City recognizes that the Portland metropolitan region continues to grow, and the City has made the commitment to do its fair share to accommodate part of the region's urban growth. Doing its fair share includes expanding the capacity of public facilities and services to keep pace with growth. The City also recognizes that if growth is uncontrolled, the City's current pleasant living and working environment will deteriorate. Therefore, the following provisions have been established as a framework for growth management policies and procedures.

It is a basic premise of this Plan that the purpose of designating land for urban development is to provide for needed housing, employment, and community services. Therefore, while public facilities are used as a controlling factor in growth management, it is not the intent of this Plan to place a priority on the provision of public facilities and services over that of providing for housing and employment. Rather, it is the intent of the Plan to seek a balance of these factors by insuring that a reasonable service level of public facilities is maintained to support urban growth.

The policies and Implementation Measures of this section of the Comprehensive Plan have been established for the management of urban growth in, and adjacent to, the City of Wilsonville.

CITY LIMITS

Wilsonville's City limits establish the boundary of the City's authority and jurisdiction. Only in cases where the City has an intergovernmental agreement (IGA) with one or both of the surrounding counties will the City have jurisdiction over outlying properties.

The City of Wilsonville intends to enter into and maintain such IGAs with both Washington and Clackamas Counties, to allow the City to continue to prepare long-range plans for the properties within Wilsonville's planning area and outside the City limits. Additional authority to zone, provide urban services to, or issue development approvals for, lands outside the City will require separate IGAs. Wilsonville's Planning Commission has strongly encouraged the City staff to enter into these IGAs as soon as possible after the enactment of this Comprehensive Plan.

The City will actively participate in the land use planning decisions of nearby jurisdictions that may have an effect on Wilsonville.

The City limit line is used to clearly indicate the edge of urban development at any given time. It provides for flexibility within the land development market, to assure that there are choices in type, location, and density or intensity of residential, commercial, and industrial development.

While the entire City, other than land that is designated as open space, is planned for immediate growth, the City recognizes that not all areas within the City can be equally served by existing facilities and services. This pattern is likely to continue in the future as the City grows out into previously rural land.

By allowing development to occur anywhere within the City limits, maximum market efficiency is maintained, and a greater variety of development proposals are made possible. The emphasis is then placed on the timing or phasing of actual site development in accordance with the ability to provide services.

Even within the City limits, it is important to place a priority on contiguous development. In so doing, capital improvements can be concentrated from the center portion of the City (near the freeway) outward, thus, providing for maximum efficiency in the street and utility systems.

In spite of the rapid rate of growth and development in Wilsonville since the City's incorporation, there are still portions of the City that lack full urban level services and street improvements. Development master plans and subdivision plats may be approved within these areas, but site development will be restricted to the service level capacities of the existing primary facilities until such time as urban level services are provided, as specified in Section 'C' of the Comprehensive Plan (Public Facilities and Services). The approval of development plans and subdivision plats in such areas with phased development controls will provide specific service demand information which is needed for efficient public facility planning and capital improvements.

URBAN GROWTH BOUNDARIES

Consistent with the Statewide Planning Goals, and statutory mandates, Metro has established, and will periodically expand the urban growth boundary for the region. Upon a demonstration of need, the Metro Council is required to add land to the Urban Growth Boundary to meet projected growth requirements for twenty years.

Once land has been added to the Urban Growth Boundary established by Metro, the City may annex adjacent parts of the UGB into the City limits. This allows for development, subject to the City's review procedures. Only in highly unusual situations would the City annex land outside the regional UGB, and then only after coordination with Metro, the affected county, and any other affected jurisdictions.

At the City's request, Metro has added land to the UGB adjacent to Wilsonville. However, there are still substantial land areas outside the City limits that the City considers to be within its planning area for long-range urban growth. The City does not have the legal authority or responsibility to plan for areas outside the City limits unless that land has been added to the UGB or the City has an approved Urban Growth Management Agreement (i.e., intergovernmental agreement) with the affected county. Given the demand for urban development in Wilsonville, it makes sense for the City to begin planning for outward expansion into those areas and to coordinate such planning with Metro, the counties and the state.

GOAL: 2.1 To allow for urban growth while maintaining community livability, consistent with the economics of development, City administration, and the provision of public facilities and services.

Policy 2.1.1. The City of Wilsonville shall support the development of all land within the City, other than designated open space lands, consistent with the land use designations of the Comprehensive Plan.

Implementation Measure 2.1.1.a. Allow development within the City where zoning has been approved and other requirements of the Comprehensive Plan have been met.

Implementation Measure 2.1.1.b. Allow urbanization to occur to provide adequate housing to accommodate workers who are employed within the City.

Implementation Measure 2.1.1.c. Encourage a balance between residential, industrial, and commercial land use, based on the provisions of this Comprehensive Plan.

Implementation Measure 2.1.1.d. Establish and maintain revenue sources to support the City's policies for urbanization and maintain needed public services and facilities.

Implementation Measure 2.1.1.e. Allow new development to proceed concurrently with the availability of adequate public services and facilities as specified in Public Facilities and Services Section (Section C) of the Comprehensive Plan.

Implementation Measure 2.1.1.f. To insure timely, orderly and efficient use of public facilities and services, while maintaining livability within the community, the City shall establish and maintain growth management policies consistent with the City's regional growth allocation and coordinated with a Capital Improvements Plan.

1. The Planning Commission shall periodically review growth-related data, e.g., the availability of public facilities, scheduled capital improvements, need for housing, commercial development and/or industrial development, etc.; and shall, as determined necessary following a public hearing, make recommendations to the City Council regarding Growth Management Plans.
2. To maximize design quality and conformity to the Comprehensive Plan, the City shall encourage master planning of large land areas. However, as an added growth management tool, the Development Review Board may, as a condition of approval, set an annual phasing schedule coordinated with scheduled Capital Improvements, particularly streets and related transportation facilities.

Implementation Measure 2.1.1.g. To discourage speculative zoning and to provide for maximum responsiveness to new design concepts and a changing market, site plan approvals shall carry an expiration date with substantial progress towards site development required to preserve the approval.

Policy 2.2.1. The City of Wilsonville shall plan for the eventual urbanization of land within the local planning area, beginning with land within the Urban Growth Boundary.

Implementation Measure 2.2.1.a. Allow annexation when it is consistent with future planned public services and when a need is clearly demonstrated for immediate urban growth.

Implementation Measure 2.2.1.b The City of Wilsonville, to the best of its ability based on infrastructure provided at the local, regional, and state levels, shall do its fair share to increase the development capacity of land within the Metro UGB.

1. The City of Wilsonville shall comply with the provisions of the Metro Urban Growth Management Functional Plan, unless an exception to the requirements is granted as provided in that Functional Plan.
2. The City shall comply with the provisions of Metro's Urban Growth Management Functional Plan, as long as that compliance does not violate federal or state law, including Statewide Planning Goals.
3. The City of Wilsonville recognizes that green corridors as described in the 2040 Growth Concept are critical to interurban connectivity. If the City at some future date annexes an area that includes a Metro-designated green corridor, it will be the City's policy to do the following:
 - a. Control access to the transportation facility within the green corridor to maintain the function, capacity and level of service of the facility and to enhance safety and minimize development pressures on rural reserve areas; and

- b. Provide adequate screening and buffering to adjacent development and limit signage in such a way as to maintain the rural character of the green corridor.

[Implementation Measure 2.2.1.b(3) added per Ordinance 549, October 21, 2002.]

Implementation Measure 2.2.1.c In conjunction with Metro, Washington County, and Clackamas County, the City shall periodically review and recommend revisions to the Urban Growth Boundary containing buildable land of a quality and quantity adequate to meet urban growth needs for twenty years.

Implementation Measure 2.2.1.d The City shall review all proposed UGB and urban reserve amendments in the Wilsonville area for conformance with Wilsonville's Comprehensive Plan.

Implementation Measure 2.2.1.e Changes in the City boundary will require adherence to the annexation procedures prescribed by State law and Metro standards. Amendments to the City limits shall be based on consideration of:

1. Orderly, economic provision of public facilities and services, i.e., primary urban services are available and adequate to serve additional development or improvements are scheduled through the City's approved Capital Improvements Plan.
2. Availability of sufficient land for the various uses to insure choices in the marketplace for a 3 to 5 year period.
3. Statewide Planning Goals.
4. Applicable Metro Plans;
5. Encouragement of development within the City limits before conversion of urbanizable (UGB) areas.

Implementation Measure 2.2.1.f Washington and Clackamas Counties have agreed that no new lots shall be created outside the City and within the Urban Growth Boundary that contain less than ten acres. Development of existing lots of record and newly created lots of 10 or more acres shall be limited to single-family dwellings, agricultural activities; accessory uses which are directly related to the primary residential or agricultural use and necessary public and semi-public uses. *(Note that this Implementation Measure may need to be revised after the State has completed pending revisions to Statewide Planning Goal 14.)*

Implementation Measure 2.2.1.g Urban sanitary sewer and water service shall not be extended outside the City limits, with the following exceptions:

1. Where an immediate demonstrable threat to the public health exists, as a direct result of the lack of the service in question;
2. Where a Governmental agency is providing a vital service to the City; or
3. Where it is reasonable to assume that the subject area will be annexed to the City within a reasonable period of time.

Implementation Measure 2.2.1.h To assure consistency between Comprehensive Plans and establish the City's interest in the area, the City shall jointly adopt dual interest area agreements with Washington and Clackamas Counties for comprehensive planning of the land outside the City and within the UGB and the Wilsonville planning area.

PUBLIC FACILITIES AND SERVICES

Public facilities and services include sanitary sewer, water, fire and police protection, libraries, storm drainage, schools, parks and recreation, transportation, solid waste and general governmental administrative services. Semi-public facilities are privately owned and operated, but have general public benefit and may be regulated by government controls. They include a wide range of services from electric utilities to day care.

As a growing City, Wilsonville has learned through experience the importance of community facilities and services that are adequate to serve urban growth. In the late 1990s, the City adopted two Public Facilities Strategies and a City-wide water moratorium on new development approvals. Those actions were due to proposed developments that, if approved, would have exceeded the City's ability to provide concurrent facilities and services.

Wilsonville uses a three-step approach to planning for public facilities. First, general Policies and Implementation Measures are contained in the Comprehensive Plan. Second, individual master plans (e.g., Parks and Recreation Master Plan, Stormwater Master Plan, Transportation Systems Plan, etc.) are prepared and periodically updated to deal with specific facility requirements. Finally, the City annually updates a rolling five-year Capital Improvement Program, based on these master plans, that is used for scheduling and budgeting of improvement projects.

Relying heavily on the formation of Local Improvement Districts (LIDs) and the use of Systems Development Charges (SDCs), Wilsonville typically requires developers to pay for the costs of major facility expansions to serve new development.

As development increases, so does the requirement for improved and greater capacity facilities and services. Providing facilities in response to growth rather than in anticipation of growth is ineffective and causes gaps in service capabilities. In the worst case situations, failure to provide needed facilities and services can result in threats to the public's health or safety. In recognition of this circumstance, the City continues to emphasize the need for providing adequate facilities and services in advance of, or in conjunction with, urban development. However, it also recognizes that not all facilities and services require the same level of service adequacy, simultaneous with development. The Comprehensive Plan, therefore, prioritizes facilities into primary and complimentary categories and establishes specific development policies for each facility or service.

The City's policies for the provision of public facilities and services can be divided into three categories. The first is the City's overall commitment to provide, or coordinate the provision of, facilities and services to meet the community's needs. The second concerns the timing of the provision of facilities and services relative to development (i.e., concurrency issues). The third concerns the costs of providing facilities and services and who is responsible for paying.

This Plan also includes provisions dealing specifically with different types of facilities and services. They are covered in the following order:

Primary facilities and services include: those which significantly impact public health and safety and are directly linked to the land development process, in terms of service capacity, location, and design, or directly affect public health and safety. Therefore, adequate provision must be made for these facilities/services prior to or concurrently with urban level development. These facilities and services include:

- Sanitary sewer;
- Water service;
- Roads and transportation;
- Storm drainage;
- Fire protection; and
- Police protection and public safety.

Complementary Facilities and Services include: those which complement the public health, safety and general welfare of urban residents and workers, but are not necessarily directly linked to the land development process or public health and safety. These facilities include:

- Schools, library, and educational services;
- Parks, recreation, and open space;
- Solid waste;
- Semi-public utilities;
- City administration; and
- Health and social services.

While these complementary facilities and services affect the overall quality of urban living and should be planned for in anticipation of development, in some cases it is more economical and practical to determine service levels subsequent to actual development.

The following provisions apply to public facilities and services in general. More specific Policies and Implementation Measures applying to specific facilities and services follow later in the document.

GOAL 3.1: To assure that good quality public facilities and services are available with adequate, but not excessive, capacity to meet community needs, while also assuring that growth does not exceed the community's commitment to provide adequate facilities and services.

Policy 3.1.1 The City of Wilsonville shall provide public facilities to enhance the health, safety, educational, and recreational aspects of urban living.

Implementation Measure 3.1.1.a The City will continue to prepare and implement master plans for facilities/services, as sub-elements of the City's Comprehensive Plan. Facilities/services will be designed and constructed to help implement the City's Comprehensive Plan.

Implementation Measure 3.1.1.b The City Engineer shall report annually, and at other times as needed, to the Planning Commission, Budget Committee, and City Council, and other City

committees or commissions on the status and available capacity of urban services/facilities, including streets, bicycle and pedestrian facilities, water, sanitary sewer, and storm drainage.

Implementation Measure 3.1.1.c Developments shall continue to be required to extend services/facilities to the far side of the subject property – assuring that the adjacent properties have access to those services/facilities. It is noted that unusual existing circumstances may necessitate creative solutions for the extension of services/facilities.

Implementation Measure 3.1.1.d The City shall periodically review and, where necessary, update its development densities indicated in the land use element of the Plan, based on the capacity of existing or planned services and/or facilities.

TIMING -- CONCURRENCY ISSUES

Wilsonville emphasizes the importance of providing the needed public facilities and services in advance of, or concurrently with, development. In fact, much of the text of the Comprehensive Plan deals with concurrency.

In the course of the most recent Comprehensive Plan revision process, the various provisions dealing with concurrency have been reorganized and listed below:

Policy 3.1.2 The City of Wilsonville shall provide, or coordinate the provision of, facilities and services concurrent with need (created by new development, redevelopment, or upgrades of aging infrastructure).

Implementation Measure 3.1.2.a Urban development will be allowed only in areas where necessary facilities and services can be provided.

Implementation Measure 3.1.2.b Development, including temporary occupancy, that threatens the public's health, safety, or general welfare due to a failure to provide adequate public facilities and services, will not be permitted. Development applications will be allowed to proceed on the following basis:

1. Planning approvals may be granted when evidence, including listing in the City's adopted Capital Improvement Program, supports the finding that facilities/services will be available within two years. Applicants may be encouraged or required to plan and complete development in phases, in order to assure that the rate of development does not exceed the capacity of needed facilities/services.
2. Building permits will be issued when planning approvals have been granted and funding is in place to assure completion of required facilities/services prior to occupancy. Applicants must sign a statement acknowledging that certificates of occupancy will not be given until adequate facilities/services, determined by the Building Official, after consulting with the City Engineer, are in place and operational. Parks, recreation facilities, streets and other transportation system improvements may be considered to be adequately in place and operational if they

are listed in the City's adopted Capital Improvement Program, or other funding is committed for their completion within two years. In such cases, water, sewer, and storm drainage facilities must be available, to the satisfaction of the City Engineer, on at least a temporary basis, prior to occupancy.

3. Final certificates of occupancy will not be given until required facilities/services are in place and operational. Temporary certificates of occupancy may only be granted when the Building Official determines, after consulting with the City Engineer, that needed facilities/services will be in place and operational at the conclusion of the time period specified in the temporary certificate of occupancy. Nothing in this policy is intended to indicate that a temporary certificate of occupancy will be granted without assurance of full compliance with City requirements.

Implementation Measure 3.1.2.c Where a shortage of facilities/services exists or is anticipated in the near future, and other alternatives are not feasible to correct the deficiency, the City shall take steps to implement a moratorium on development activity or to manage growth through a public facilities strategy, as provided by statute. In the event that State laws provide other alternatives to address shortages of facilities/services, the City will consider those alternatives as well.

Implementation Measure 3.1.2.d As an alternative to denying a development application that otherwise meets all applicable standards and criteria, the City shall impose reasonable conditions of approval on that development, in terms of the provision of adequate services/facilities.

Implementation Measure 3.1.2.e When development is proposed in areas of the City where full urban services/facilities are not yet available, development approval shall be conditioned on the provision of adequate facilities and services to serve the subject property. Where the development can reasonably proceed in phases prior to the availability of full urban services/facilities, such development may be permitted. However, the use of on-site sewage disposal and private water systems shall only be approved where permitted by City ordinance.

Implementation Measure 3.1.2.f Coordinate with the appropriate school district to provide for additional school sites substantially ahead of the anticipated need.

PAYING FOR NEEDED FACILITIES AND SERVICES

Policy 3.1.3 **The City of Wilsonville shall take steps to assure that the parties causing a need for expanded facilities and services, or those benefiting from such facilities and services, pay for them.**

Implementation Measure 3.1.3.a Developers will continue to be required to pay for demands placed on public facilities/services that are directly related to their developments. The City may establish and collect systems development charges (SDCs) for any or all public

facilities/services, as allowed by law. An individual exception to this standard may be justified, or SDC credits given, when a proposed development is found to result in public benefits that warrant public investment to support the development.

Implementation Measure 3.1.3.b The City will continue to prepare and implement a rolling five-year Capital Improvement Program, with annual funding decisions made as part of the municipal budget process.

Implementation Measure 3.1.3.c The City shall continue to employ pay-back agreements, development agreements, and other creative solutions for facilities that are over-sized or extended from off-site at the expense of only some of the benefited properties.

PRIMARY FACILITIES AND SERVICES

Sanitary Sewer Plan

The City operates its own wastewater treatment plant and sewage collection system, independent of any other agencies. The wastewater treatment plant was significantly expanded in the late 1990s. The wastewater treatment plant has now undergone four major expansions to keep pace with community growth since its original construction. The latest improvements were designed to serve the community through approximately the year 2015.

The City recognizes Metro's role in coordinating water management and waste treatment planning as well as the Department of Environmental Quality's role in monitoring water quality.

The City recognizes and assumes its responsibility for the operation and maintenance of the wastewater treatment plant and the collection system, including public lines and pump stations that have been designed and constructed to City standards. The City also assumes the responsibility for assuring that wastewater treatment plant capacity expands to keep pace with community growth.

Policy 3.1.4 The City of Wilsonville shall continue to operate and maintain the wastewater treatment plant and system in conformance with federal, state, and regional water quality standards.

Implementation Measure 3.1.4.a The City shall continue to maintain a sewer service capacity monitoring and expansion program to assure that adequate treatment and trunk main capacity are available to serve continued development, consistent with the City's urban growth policies and the concurrency standards noted above.

Implementation Measure 3.1.4.b The City shall continue to manage growth consistent with the capacity of sanitary sewer facilities.

Implementation Measure 3.1.4.c Based on the service capacity and the permit monitoring program, the City shall plan and appropriately schedule future expansions of the wastewater treatment plant.

Implementation Measure 3.1.4.d. While the City assumes the responsibility for maintaining the treatment plant and collection system, it does not assume the responsibility for extending lines to serve individual properties and developments.

Implementation Measure 3.1.4.e The City shall continue to require all urban level development to be served by the City's sanitary sewer system.

Implementation Measure 3.1.4.f The cost of all line extensions and individual services shall be the responsibility of the developer and/or property owners(s) seeking service. When a major line is to be extended, the City may authorize and administer formation of a Local Improvement District (LID). All line extensions shall conform to the City Sanitary Sewer Collection System Master Plan, urbanization policies, and Public Works Standards.

Water Service Plan

The City's water system has expanded significantly from the original well and reservoir located on Elligsen Road. The water system has four reservoirs with a total storage capacity of 7.95 million gallons and eight wells with a total production capability of 5.2 million gallons per day (MGD). Following voter approval in 1999, a surface water treatment plant on the Willamette River was designed to provide up to 20 MGD of capacity for the local system with up to 50 additional MGD available to be pumped to neighboring communities north of Wilsonville. The initial phase of the treatment plant construction is intended to meet the average daily water demands predicted through the year 2015. Additional phases of treatment plant expansion will be built as the demand actually occurs, so system expansion will occur on a regular basis. It is also anticipated that a water system master plan update (due for completion in fiscal year 2000-2001) will indicate the need for additional reservoir capacity before the year 2020. As future growth occurs, it will be necessary to incrementally expand the existing water system to provide additional storage, pumping, and pipeline capacity.

The City recognizes and assumes the responsibility for developing and maintaining the community's basic water system.

Policy 3.1.5 The City shall continue to develop, operate and maintain a water system, including wells, pumps, reservoirs, transmission mains and a surface water treatment plant capable of serving all urban development within the incorporated City limits, in conformance with federal, state, and regional water quality standards. The City shall also continue to maintain the lines of the distribution system once they have been installed and accepted by the City.

Implementation Measure 3.1.5.a The City shall review and, where necessary, update the Water System Master Plan to conform to the planned land uses shown in the Comprehensive Plan and any subsequent amendments to the Plan.

Implementation Measure 3.1.5.b All major lines shall be extended in conformance to the line sizes indicated on the Master Plan and, at a minimum, provisions for future system looping shall be made. If the type, scale and/or location of a proposed development negatively impacts operating pressures or available fire flows to other properties as determined by the City Engineer, the Development Review Board may require completion of looped water lines, off-site facilities, pipelines, and/or facility/pipelines to achieve or maintain minimum pressures or fire flows as a conditions of development approval.

Implementation Measure 3.1.5.c Extensions shall be made at the cost of the developer or landowner of the property being served. When a major line is extended that is sized to provide service to lands other than those requiring the initial extension, the City may:

1. Authorize and administer formation of a Local Improvement District to allocate the cost of the line improvements to all properties benefiting from the extension; or
2. Continue to utilize a pay-back system whereby the initial developer may recover an equitable share of the cost of the extension from benefiting property owners/developers as the properties are developed.

Implementation Measure 3.1.5.d. All water lines shall be installed in accordance with the City's urban growth policies and Public Works Standards.

Implementation Measure 3.1.5.e The City shall continue to use its Capital Improvements Program to plan and schedule major water system improvements needed to serve continued development (e.g., additional water treatment plant expansions, transmission mains, wells, pumps and reservoirs).

Policy 3.1.6 The City of Wilsonville shall continue a comprehensive water conservation program to make effective use of the water infrastructure, source water supply and treatment processes.

Implementation Measure 3.1.6.a. The City will track system water usage through production metering and service billing records and take appropriate actions to maintain a target annual average unaccounted for water volume of less than 10% of total production.

Implementation Measure 3.1.6.b. The City will maintain other programs and activities as necessary to maintain effective conservation throughout the water system.

Policy 3.1.7 The City of Wilsonville shall maintain an accurate user demand profile to account for actual and anticipated demand conditions in order to assure an adequately sized water system.

Implementation Measure 3.1.7.a. The City will track system water usage through production metering and service billing records and take appropriate actions to maintain a target annual average unaccounted for water volume of less than 10% of total production.

Implementation Measure 3.1.7.b. The City will maintain other programs and activities as necessary to maintain effective conservation throughout the water system.

Policy 3.1.8 The City of Wilsonville shall coordinate distribution system improvements with other CIP projects, such as roads, wastewater, and storm water, to save construction costs and minimize public impacts during construction.

~~Roads and Transportation Plan~~ [Deleted by Ord. No. 671, 11/16/09] See “Transportation” on page C – 20.

Storm Drainage Plan

Conventionally designed urban development tends to result in an increase in impervious surfaces. Increased quantities of impervious surface increase both the volume and speed of storm water flows, while also damaging water quality. As a rapidly urbanizing and growing area, Wilsonville now experiences the effects of increased impervious surfaces with every major storm event. Increases in impervious surface area in Wilsonville also have the potential to impact downstream locations along the Willamette River.

There are increasing regulatory requirements that affect stormwater and the various drainage ways that convey that water. Federal standards regulate water quality (including temperature and turbidity) and the Endangered Species Act calls for the protection of native salmonid species. The City must set its own standards for development and land use activities to comply with relevant federal standards, and must also comply with regional and state requirements in the process.

The City’s storm drainage responsibilities range from controlling the volume and speed of run-off through storm water detention facilities, to regulating land development activities to assure that individual private construction projects do not overburden the public systems or damage the environment without adequate mitigation. Additionally, the City must now regulate land uses to protect or improve riparian vegetation as feasible, along drainage ways.

To identify deficiencies in the City's storm drainage system, to improve uniform drainage information, to create specified storm drainage standards, and establish a systems development and maintenance program, the City has prepared a Stormwater Master Plan.

Policy 3.1.7 The City of Wilsonville shall develop and maintain an adequate storm drainage system. However, where the need for new facilities is the result of new development, the financial burden for drainage system improvements shall remain primarily the responsibility of developers. The City will use systems development charges, user fees, and/or other funding sources to construct facilities to improve storm water quality and control the volume of runoff.

Implementation Measure 3.1.7.a In order to adequately provide for urban development, the City has established and will maintain a Stormwater Master Plan, development policies/standards for control of an on and off-site drainage, Public Works Standards, and a Capital Improvements Program to upgrade deficient structures and drainage ways.

Implementation Measure 3.1.7.b. To assure maximum efficiency and effectiveness of the drainage system, a maintenance program has also been established to assure compliance with the City's NPDES (National Pollution Discharge Elimination System) permit. In some circumstances, private maintenance of facilities (by homeowners associations or other entities) may be required, as has been the case for the maintenance of neighborhood parks in Wilsonville.

Implementation Measure 3.1.7.c. A storm drainage systems development charge shall continue to be collected from developers prior to issuance of a building permit. The Stormwater Master Plan and the Capital Improvements Program will continue to be the basis of establishing Systems Development Charges for storm drainage. The funds are used to upgrade the storm drainage system beyond those improvements required to serve individual developments. Provision of drainage control within a given development shall remain the responsibility of the developer, with the City assisting only insofar as the system will also accommodate off-site drainage. In reviewing planned improvements, the City Engineer may specify the use of on-site or off-site storm water detention, based on specific site characteristics and drainage patterns of the area.

Implementation Measure 3.1.7.d Major natural drainage ways shall be retained and improved as the backbone of the drainage system and designated as open space. The integrity of these drainage ways shall be maintained as development occurs. Where possible, on-site drainage systems will be designed to complement natural drainage ways and designated open space to create an attractive appearance and will be protected by conservation, utility, or inundation easements. Alteration of minor drainage ways may be allowed provided that such alterations do not adversely impact stream flows and in-stream water quality of the major drainage ways and provide for more efficient use of the land. Such alteration must be approved by the City. Remnant creek channels, which previously carried water that has since been diverted, shall be evaluated for their wildlife habitat value before being selected for use as drainage ways. Where a remnant creek channel is found to provide unique habitat value without being a riparian zone, and that habitat value would actually be diminished through the re-introduction of storm water, alternate methods of conveying the storm water will be considered and, if feasible, used.

Implementation Measure 3.1.7.e Existing culverted or piped drainage ways will be "daylighted" (converted from underground to surface facilities) when doing so will help to achieve the City's goals for storm drainage without overly conflicting with development.

Implementation Measure 3.1.7.f Conversion of existing swales or drainage ways to culverted or piped systems shall be permitted only where the City Engineer determines that there is no other reasonable site development option. See Option A, above.

- Implementation Measure 3.1.7.g Conversion of existing meandering swales or drainage ways to linear ditches shall be permitted only when the City Engineer determines that there is no other reasonable site development option.
- Implementation Measure 3.1.7.h Open drainage ways may be used to meet a portion of the landscaping and open space requirements for developments, provided that they meet the design requirements of the Development Review Board.
- Implementation Measure 3.1.7.i It is the intent of these measures to maximize the use of the natural drainage system to allow for ground water infiltration and other benefits to community aesthetics as well as habitat enhancement. This does not mean that natural drainage ways will be left unimproved.
- Implementation Measure 3.1.7.j The natural system must also be improved and maintained to handle the anticipated run-off in a manner that meets the requirements of the Stormwater Master Plan. Where wetlands are constructed for the purpose of accommodating storm drainage, certain areas of those wetlands may be designed to accumulate sediment. The City will periodically dredge and maintain those areas in constructed wetlands, or will permit others to do so, as necessary to maintain the storm drainage functions of those constructed wetlands.
- Implementation Measure 3.1.7.k One-hundred year flood plains and floodways have been established through the Federal Flood Insurance program, for all flood-prone areas of the City except Coffee Lake Creek, north of Barber Street. For that area along Coffee Lake Creek, a hydrology study to establish the 100-year flood elevation will be required prior to development approval. The floodways must continue to be protected from encroachment. Development within the flood plain shall be regulated consistent with the standards of the Federal Flood Insurance Act, and Title 3 of Metro's Urban Growth Management Functional Plan. Storm water runoff from upstream development shall be controlled so as to not adversely impact the peak flood flow in the mainstream channels.
- Implementation Measure 3.1.7.l The City will regulate new land divisions to prevent the creation of additional lots for building sites within 100-year floodplains. This is not intended to prohibit the creation of new lots that are partially within flood plains, provided that the developable portion of each lot will be outside of the 100-year flood plain, and FEMA standards are met.
- Implementation Measure 3.1.7.m The City will regulate cuts and fills within flood plains to assure that the amount of fill material added will not exceed the amount of cut material that is removed.
- Implementation Measure 3.1.7.n Wilsonville has established a single-storm drainage runoff standard that is applied throughout the City. That standard requires developers to plan for at least a 25-year storm event. However, the differences in the natural characteristics of the Boeckman Creek and Seely Ditch Basins and their sub-area basins will require developers and their engineers to plan for different types of detention or retention facilities

in one basin than would be used in another. The appropriate criteria will be established and implemented through the City's Public Works Standards.

Implementation Measure 3.1.7.o Based on facility capacities identified in the Stormwater Master Plan, appropriate storm run-off standards shall be implemented through the City's Public Works Standards.

Implementation Measure 3.1.7.p In the course of site development, developers may be required to retain or improve native vegetation in identified riparian zones and landslide prone areas to decrease the amount of surface water run-off, to shade areas of surface water, to preserve areas of natural percolation, help stabilize landslide-prone areas, and reduce erosion. Replacement, enhancement, and/or restoration of vegetation, including the removal of invasive plants, may also be required depending on the type, scale, and location of development.

Implementation Measure 3.1.7.q Natural drainage ways shall be stabilized as necessary below drainage and culvert discharge points for a distance sufficient to convey the discharge without channel erosion. The City Engineer may require the use of energy dissipaters to help minimize erosion.

Implementation Measure 3.1.7.r Sediment and erosion control shall be provided consistent with the Public Works Standards. All approved open drainage channels and open detention/retention basins shall be designed, constructed, and maintained with appropriate safeguards to insure public health and safety.

Implementation Measure 3.1.7.s All drainage facilities shall be designed to be consistent with state and federal standards for the passage of fish and wildlife.

Implementation Measure 3.1.7.t All development proposals shall be accompanied by a storm drainage plan and hydrologic analysis adequate to meet the above policies and standards, unless waived by the City Engineer for good cause. No development permit shall be issued for any project until a storm drainage plan has been approved by the City Engineer and/or the Development Review Board.

Fire Protection Plan

Fire protection is very adequately provided by the Tualatin Valley Fire and Rescue District. The District has responsibility for maintaining and upgrading fire-fighting apparatus and making necessary capital improvements such as new fire stations. However, the overall effectiveness of their operations is significantly affected by the location and design of urban development.

Policy 3.1.8 The City of Wilsonville shall continue to coordinate planning for fire safety with the Tualatin Valley Fire and Rescue District.

Implementation Measure 3.1.8.a All development plans, as approved by the Development Review Board, shall be approved by the City's Building Division for consistency with the state Uniform Fire Code (as amended by the Tualatin Valley Fire and Rescue District and subsequently adopted by the City of Wilsonville).

Implementation Measure 3.1.8.b The City shall update Chapter 9 of the Wilsonville Code by adopting the Fire Prevention Code of the Tualatin Valley Fire and Rescue District as it is updated.

Implementation Measure 3.1.8.c The City shall require that all buildings be designed to a maximum fire flow rating of 3,000 GPM at 20 p.s.i. or such other standard as may be agreed to by the City and the Fire District.

Implementation Measure 3.1.8.d The City's Public Works Standards shall be reviewed for conformity to minimum Fire District Requirements.

Implementation Measure 3.1.8.e The City shall continue to coordinate with the Fire District in maintaining accurate maps (including addressing) and land development records. The City should also take advantage of the District's computer capacity, when operational, for the storage and retrieval of such land use data.

Implementation Measure 3.1.8.f Provide fire protection consistent with the health, welfare, and safety of Wilsonville citizens.

Police Protection And Public Safety

The City's police protection is provided through a contract with the Clackamas County Sheriff's Department. Supplemental services are also available from the State Police.

Policy 3.1.9 The City of Wilsonville shall continue to provide adequate police protection.

Implementation Measure 3.1.9.a To augment formal police protection and minimize public financing of police services, the City shall:

1. Work in concert with the County Sheriff's office and local citizens to develop community crime prevention and safety programs, i.e., citizen patrol.
2. Incorporate where appropriate defensible space and other safety and security design concepts/standards in site and building design review.
3. Encourage local businesses to utilize private security personnel for site specific property protection.

Implementation Measure 3.1.9.b Provide police protection consistent with the health, welfare, and safety of Wilsonville citizens.

COMPLEMENTARY FACILITIES/SERVICES PLAN

These services support urban growth and add to or complement livability in a community. The adequacy of their service levels also tend to be less definable than those in the primary category. Service levels in this category typically lag behind demand and are generally more economical to provide in response to specific rather than projected demands. Even so, it is important to plan for these facilities and services in advance, and if significant service deficiencies exist, to regulate growth accordingly.

School And Educational Services

Public educational facilities/services in Wilsonville are currently provided by three school districts. The West Linn – Wilsonville School District serves the majority of the City but portions of the City also lie within the Canby and Sherwood Districts. Current services provided by the districts are adequate and provisions are being made for new or expanded facilities where existing capacities have been exceeded.

While existing services and facilities are adequate, the division of the City into three districts tends to detract from continuity in community identity.

Policy 3.1.10 The City of Wilsonville shall continue to coordinate planning for educational facilities with all three local school districts and Clackamas Community College.

Implementation Measure 3.1.10.a To provide better continuity throughout the community and realize the maximum benefit to the local tax structure, the City will continue to support the consolidation of the entire City limits into one school district.

Implementation Measure 3.1.10.b Residential development directly impacts school facilities and services. However, the City does not have the responsibility for providing educational services. For this reason, the City will provide information to the school districts about proposed and actual residential developments within the City.

Implementation Measure 3.1.10.c The City shall continue to coordinate with the school districts for the planning, scheduling, and construction of needed educational facilities. To minimize unnecessary duplication, the City will also work in concert with the school districts for the provision of recreational facilities and programs.

Implementation Measure 3.1.10.d The City will encourage private educational services and will work with organizations or individuals proposing such activities in an effort to meet their needs while complying with the appropriate elements of the Comprehensive Plan.

Implementation Measure 3.1.10.e It is the basic reasoning of these policies that development within the City should not be regulated based on the availability of school facilities and services. Rather, these services should be planned for and provided to meet the demands

created by development. If, however, school facilities and/or services were determined to be severely inadequate and the school districts unable to provide satisfactory improvement, then growth limitations would be appropriate.

Parks/Recreation/Open Space

Parks and recreational facilities in and around Wilsonville are provided for by the City, County, State and local school districts. The City's close proximity to Portland provides local residents with numerous recreational and entertainment opportunities provided throughout the metropolitan area, all within a 30 to 40 minute drive. Even the ocean beaches, Mt. Hood and other Cascade Mountains and several campgrounds, rivers and lakes are close at hand, within a couple of hours drive, thus providing an abundance of recreational activities.

Within the City, recreational planning is coordinated with the West Linn-Wilsonville School District. The District provides traditional physical education programs as part of their regular school curriculum plus competitive sports programs in the upper grade levels. Other youth sports programming is provided by the City and a variety of non-profit organizations. The School District's community education program also provides recreational programs for both youth and adult activities and coordinates the use of District facilities.

As the City continues to grow, additional facilities and services will need to be developed.

The following Park and Recreation policies are further supported by policies in the Land Use and Development Section of the Comprehensive Plan regarding the natural environment, natural resources, and general open space.

The 1971 General Plan and the 1988 Comprehensive Plan sought to:

1. Preserve the natural integrity of the Willamette River. Provide for frequent contact with the river. Encourage development of an adequate park and recreation system which would contribute to the physical, mental and moral health of the community.
2. Encourage the school/park concept as a basic feature of the park element of the Plan.
3. Develop parks and open spaces where the land and surrounding development make it least suited for intensive development.
4. Develop an extensive system of trails along stream courses and power line easements.
5. Encourage early acquisition of recreation sites to protect them from development and to reduce the public cost of acquiring the land.

6. Encourage commercial recreation carefully sited within, or adjacent to, other uses.

These standards recognize the importance of an adequate park and recreation system to the physical, mental and moral health of the community. They also represent a common-sense approach to parks planning and are, therefore, reaffirmed by this Plan. The Park and Recreation system envisioned is a combination of passive and active recreational areas including specified park lands, schools, and linear open spaces in both public and private ownership. It is a basic premise of this Plan that the availability of conveniently located open recreational spaces is more important than the form of ownership.

In planning for such a system, it is helpful to classify the individual components (neighborhood parks, community parks, Greenway, etc.) which will or could comprise the park system. In addition, the establishment of a reasonable acquisition and development program requires a listing of priorities and a guide to desirable service levels. To maximize effectiveness, however, the actual development of such a system requires relating the provision of facilities and services to the particular needs and recreational desires of the residents to be served.

In recognition of Statewide Planning Goals and to provide a framework for development of park and recreation facilities, the following policy and implementation measures have been established:

Policy 3.1.11 The City of Wilsonville shall conserve and create open space throughout the City for specified objectives including park lands.

Implementation Measure 3.1.11.a Identify and encourage conservation of natural, scenic, and historic areas within the City.

Implementation Measure 3.1.11.b Provide an adequate diversity and quantity of passive and active recreational opportunities that are conveniently located for the people of Wilsonville.

Implementation Measure 3.1.11.c Protect the Willamette River Greenway from incompatible uses or developments.

Implementation Measure 3.1.11.d Continue the acquisition, improvement, and maintenance of open space.

Implementation Measure 3.1.11.e Require small neighborhood parks (public or private) in residential areas and encourage maintenance of these parks by homeowner associations.

Implementation Measure 3.1.11.f Maintain and develop the current park system for centralized community-wide park facilities, but emphasize the future acquisition of small parks in localized areas.

Implementation Measure 3.1.11.g Where appropriate, require developments to contribute to open space.

Implementation Measure 3.1.11.h Protect residents from bearing the cost for an elaborate park system, excessive landscape maintenance, and excessive public facility costs.

Implementation Measure 3.1.11.i Develop limited access natural areas connected where possible by natural corridors for wildlife habitat and watershed and soil/terrain protection. Give priority to preservation of contiguous parts of that network which will serve as natural corridors throughout the City for the protection of watersheds and wildlife.

Implementation Measure 3.1.11.j Identify areas of natural and scenic importance and where appropriate, extend public access to, and knowledge of such areas, to encourage public involvement in their preservation.

Implementation Measure 3.1.11.k Protect the river-connected wildlife habitat.

Implementation Measure 3.1.11.l Encourage the interconnection and integration of open spaces within the City and carefully manage development of the Willamette River Greenway.

Implementation Measure 3.1.11.m Provide for legal public access to the river only through and within the City parks, right-of-ways, easements, or other public property.

Implementation Measure 3.1.11.n Park classifications and standards shall be developed to guide a program for acquisition and development of a park and open space system to insure an adequate supply of usable open space and recreational facilities, directly related to the specific needs of the local residents.

Implementation Measure 3.1.11.o Individual park and recreational sites, as defined by the parks and open space standards and classification system will be developed according to the following priorities:

1. Where possible, facilities within a park should be adjusted to meet the needs and desires of the local residents and the characteristics of the site. Park and/or recreational facilities in demand and least supply should receive the highest priorities.
2. Parks should be planned to insure maximum benefit to the greatest number of local residents. For this reason, acquisition and development of community level parks should be given the highest park priority.
3. Development of additional neighborhood Parks will have a lower priority for public funding. To assure localized benefit, development and maintenance of neighborhood parks shall continue to be accomplished through homeowner associations.
4. Small neighborhood parks have the lowest development priority and should be supplied at public expense only if an area is determined to be isolated from access to other parks, or where space is extremely limited, and the park is

supported by the adjacent neighborhood. Maintenance of such parks should be assigned to a homeowners' association or other neighborhood organization. Small neighborhood parks tend to benefit a very localized population. It is, therefore, the intent of these standards to assign, where possible, the financial burden of maintenance and even development to those that benefit the most. In addition, a significant factor affecting maintenance costs is one of transporting equipment from park to park. Therefore, by concentrating public maintenance efforts to a few community parks, efficient use of maintenance dollars can be maximized.

5. Provision of regional park facilities will only be considered as an inter-jurisdictional project; and should have a low priority unless unusual circumstances arise.
6. The City will encourage dedication or acquisition of land for parks and other public purposes in excess of lands needed to satisfy immediate needs.

Implementation Measure 3.1.11.p New developments shall be responsible for providing specified amounts of usable on-site open space depending on the density characteristics and location of the development. Where possible, recreational areas should be coordinated with and complement Willamette River Greenway, and other open space areas identified as environmentally sensitive or hazardous areas for development.

Implementation Measure 3.1.11.q All development within the Willamette River Greenway shall be controlled through the conditional use permit process and shall be subject to Design Review approval.

It is the reasoning of these policies that the need for open space is closely related to density. There is a relationship between the amount of interior space provided within living units and the desire for outdoor space. That is, if the interior living space creates a confined or crowded feeling, the availability of outdoor space becomes more important than if the interior area is spacious and comfortable. Therefore, while standards for open space will be set, they may be adjusted based on individual site design characteristics. The standards further recognize the value of urban land for development and attempts to reasonably balance the need for open or recreational space with competing uses.

The West Linn – Wilsonville School District currently provides recreational facilities and programs for City residents. They have developed facilities at Wood Middle School and at Wilsonville High School. These facilities and services are considered a vital part of the City's park and recreational system.

Implementation Measure 3.1.11.r The City shall continue to work on cooperative arrangements with the school districts to encourage provision of adequate year-round recreational programs and facilities, and to eliminate unnecessary overlap of facilities. Joint ventures in providing facilities and programs should be carefully considered in order to maximize the use of public funds in meeting local needs.

Safe and convenient access to park and recreation facilities is an important factor in a successful park system. The pedestrian/bicycle/equestrian paths are essentially an element of the City's transportation system and policies regarding their development are included in the Transportation Systems Plan. Pathways do, however, also serve a recreational function and are, therefore, referenced in this element. This is particularly true with respect to coordination/alignment of proposed pathways with park and recreational facilities, including schools.

Implementation Measure 3.1.11.s Facilities constructed to implement the Bicycle and Pedestrian Master Plan shall be designed to insure safe and convenient pedestrian, bike and, where appropriate, equestrian access from residential areas to park, recreational and school facilities throughout the City.

Park System Classifications

Detailed park development standards are included in the City of Wilsonville Parks & Recreation Master Plan, dated December 1994. That document includes standards for the following:

- Neighborhood parks;
- Community parks;
- Regional parks;
- Minor limited-use recreation center and minor multi-use recreation centers;
- Major limited-use recreation centers;
- Major multi-use recreation centers;
- Activity Centers; and
- Nature trails, minor pathways, and major pathways.

Solid Waste

Within the City of Wilsonville, solid waste disposal is currently handled by United Disposal Service which operates under an exclusive franchise agreement with the City.

Within the Portland metropolitan area solid waste disposal has been a concern for many years. The average family of four generates about 4 tons of garbage a year, which ends up in sanitary landfills. The existing landfills in the metropolitan area have been filled up and it is no longer feasible to site new ones. In fact, garbage from the Portland region is now hauled, at considerable expense, to Eastern Oregon for disposal.

This Plan also recognizes, however, that a successful solid waste management plan will have to deal with much broader issues than just landfills. Such a regional plan must address the issue of throwaway products and emphasize programs for waste reduction rather than discard as a long-term solution.

Policy 3.1.12 The City of Wilsonville shall continue to acknowledge Metro's legislative authority for regional solid waste management and landfill siting. The City may

also, from time to time, recommend adoption of solid waste management strategies or programs.

Implementation Measure 3.1.12.a. In an effort to minimize the solid waste problem, the City will continue to support the local recycling/reuse program as well as supporting regional efforts in waste reduction programs.

Semi-Public Utilities

Semi-public utilities are privately owned and operated companies, but have general public benefit and may be regulated by governmental controls. They include energy and communications facilities and services.

Utilities in this category, serving Wilsonville include GTE, Century Telephone, Northwest Natural Gas Company and Portland General Electric. These services and facilities are currently generally adequate.

Policy 3.1.13 The City of Wilsonville shall coordinate planning activities with the utility companies, to insure orderly and efficient installation of needed service lines and equipment.

Implementation Measure 3.1.13.a. To enhance aesthetic quality, promote public safety and to protect service lines from damage (e.g., ice/wind storms or vehicle accidents), as new development occurs all utility service lines serving the developing property shall be placed underground, in accordance with the City's Public Works Standards.

Implementation Measure 3.1.13.b The City shall encourage the utility companies to underground existing above-ground services, at the earliest possible time.

Implementation Measure 3.1.13.c Above-ground facilities such as transformers, etc., shall be located in a manner that minimizes their visual impact. Where possible such facilities should be coordinated with the landscaping to provide screening.

Implementation Measure 3.1.13.d To reduce future demands for electrical energy, the City shall:

1. Encourage incorporation of alternative energy sources (e.g., solar, etc.) into new construction, as well as retrofitting of existing development.
2. Encourage energy efficient site and building designs. The City should also consider joint efforts with PGE and the Army Corps of Engineers and other government agencies, to study the potential for local power generation.
3. To set an example for proposed developments, the City will incorporate energy-efficient designs into construction of City buildings and facilities.
4. The City will review and revise existing street lighting standards to provide adequate safety while minimizing the demand for power (e.g., use of minimum

number of lights, use of energy-efficient lights such as high pressure sodium lamps, etc.).

City Administration

Decisions about the growth of City staff and how to fund operations are properly within the purview of the City Council, after receiving recommendations from the Budget Committee. Therefore, no specific staffing standards are established.

Policy 3.1.14 The City of Wilsonville shall, pursuant to Statewide Planning Goal 11 and within the confines of the City budget, maintain a qualified staff adequate to support the various service functions of the City. The City shall plan for the provision of adequate work spaces and facilities in order to maximize the accessibility of City services to the public. Facilities shall be funded in the manner deemed most cost-effective and efficient by the Budget Committee and City Council.

Health And Social Services

Health care facilities and services are provided by a variety of public and private agencies throughout the metropolitan area. Legacy - Meridian Park Hospital located just north of the City, in Tualatin, is the closest facility with general medical and emergency services available.

Social services are also provided by a variety of agencies, including State and County facilities and volunteer or non-profit organizations. Many of these facilities are, however, extremely limited in capacity and additional facilities will be needed to support future population growth.

Policy 3.1.15 The City of Wilsonville shall periodically monitor the availability of health and social services, including day care, and where feasible, will cooperate with the appropriate agencies in providing additional services and facilities. The adequacy of these facilities should be considered during the process of planning for future growth.

For information on public facility construction projects, please see the City's Capital Improvement Program, which is updated annually.

TRANSPORTATION

[This section was amended by Ord. # 718, 6/17/13]

Under the State's Transportation Planning Rule (TPR), planning for transportation must "encourage and support the availability of a variety of transportation choices for moving people that balance vehicular use with other transportation modes, including walking, bicycling and transit in order to avoid principal reliance upon any one mode of transportation".

In MPO areas, (i.e. Metro), “regional and local Transportation Systems Plans (TSP) shall be designed to achieve adopted standards for increasing transportation choices and reducing reliance on the automobile”. It is anticipated that metropolitan areas will accomplish reduced reliance by changing land use patterns and transportation systems so that walking, cycling and use of transit are highly convenient and so that, on balance, people need to and are likely to drive less than they do today”.

Both the Transportation Planning Rule and the federally mandated State Air Quality Plan call for reductions in vehicle miles travelled (VMTs) per capita. The goal is to adopt plans and measures that are likely to achieve a five percent reduction in VMT per capita over the 20-year planning period. The Metro Regional Transportation Plan (2035 Federal component) states that, “Improvement in non-single occupancy vehicle (non-SOV) mode share will be used to demonstrate compliance with per capita travel reductions” [VMT reductions] “required by the TPR.”

Transportation plans must also “facilitate the safe, efficient and economic flow of freight and other goods and services within regions and throughout the state through a variety of modes including road, air, rail and marine transportation”.

Communities must “protect existing and planned transportation facilities, corridors and sites for their identified functions’ and also “provide for the construction and implementation of transportation facilities, improvements and services necessary to support acknowledged comprehensive plans”.

Transportation plans must include a transportation financing program.

The Wilsonville Comprehensive Plan includes, as sub-elements of the Plan, the City’s Transportation Systems Plan (2013), the Bicycle and Pedestrian Master Plan (2006) and the Transit Master Plan (2008). There are no airports or marine transportation facilities within the city. The City has adopted 1-Year and 5-Year Capital Improvement Plans which provide for the construction of transportation facilities, improvements and services necessary to support the City’s Transportation Systems Plan, the Bicycle and Pedestrian Master Plan and the Transit Master Plan.

The Transportation Network

Wilsonville is bisected by I-5, just south of its intersection with I-205. I-5 is classified as an Interstate Highway. It is part of the National Highway system and is a designated freight route between Portland and points south. The operational objective for Interstate Highways is to provide safe and efficient high-speed travel in urban and rural areas.

Two I-5 interchanges are located within Wilsonville, Interchange 283, I-5 at Wilsonville Road, and 286, I-5 at Elligsen Road. Both interchanges provide a vital function in supporting local and regional economic development goals and plans. Local traffic, including commercial and industrial vehicles, must have safe and efficient access to and from the freeway.

In the late 1990s, substantial public improvements were made to upgrade both interchanges. Ten years later, both interchanges again had capacity limitations. A major modernization project completed in 2012 reconstructed the I-5/Wilsonville Road interchange. The I-5/Wilsonville Road project created elevated bike/pedestrian pathways on both sides of the street, expansion of the travel way to eight lanes under the I-5 Bridge, and wider and longer on and off ramps.

Capacity limitations also existed at the 95th/ Commerce Circle /Boones Ferry Road intersections. The improvements in 2012 added an additional right-turn lane southbound off I-5 to Boones Ferry Road, an additional left-turn lane from Boones Ferry Road to 95th Avenue, and an additional right-turn lane from 95th Avenue to Boones Ferry Road, as well as making Commerce Circle a right-in / right-out intersection with 95th Ave thereby minimizing congestion at this intersection.

The City has a network of streets which serve the east side or the west side, with only three connection points east–west across I-5. These are Wilsonville Road, Boeckman Road and Elligsen Road. The recent extension of Boeckman Road to Grahams Ferry Road has provided an alternative east-west route resulting in a reduction of the trip levels on both Wilsonville and Elligsen Roads.

City street standards require provision of bicycle facilities and sidewalks on all new streets. Developments in areas without bicycle facilities and sidewalks are required to provide them as part of the development of their site. The City also maintains a sidewalk infill fund for construction of missing sidewalk segments in older neighborhoods. The Bicycle and Pedestrian Master Plan provides greater detail about the existing system and its deficiencies and identifies planned improvements and financial resources.

Local and regional trails and community pathways traverse the community and connect neighborhoods with other destinations. The City is a partner in the 2013 Master Plan for the Ice Age Tonquin Trail, which will connect the communities of Tualatin, Sherwood, and Wilsonville.

The City operates a transit system, SMART, which provides local service, and connects with WES, Cherriots in Salem and Tri-Met in the Portland area. WES, the Westside Express Service Commuter Rail, operates during weekday commuter hours in the morning and evening, connecting Wilsonville with the Beaverton Transit Station and the MAX system. The Transit Master Plan provides greater detail about the existing system and its deficiencies and identifies planned improvements and financial resources.

GOAL 3.2: To encourage and support the availability of a variety of transportation choices for moving people that balance vehicular use with other transportation modes, including walking, bicycling and transit in order to avoid principal reliance upon any one mode of transportation.

Policy 3.2.1 To provide for safe and efficient vehicular, transit, pedestrian and bicycle access and circulation.

Implementation Measure 3.2.1.a Provide a safe, well-connected, and efficient network of streets and supporting infrastructure for all travel modes.

Policy 3.2.2 To provide for a mix of planned transportation facilities and services that are sufficient to ensure economical, sustainable and environmentally sound mobility and accessibility for all residents and employees in the city.

Policy 3.2.3 If adequate regional transportation services, including I-5 interchange modification or additions, and high capacity public transportation, cannot be provided, then the City shall reevaluate and reduce the level of development and/or timing of development anticipated by other elements of this Plan. Such reductions shall be consistent with the capacity of the transportation system at the time of re-evaluation.

GOAL 3.3: To achieve adopted standards for increasing transportation choices and reducing reliance on the automobile by changing land use patterns and transportation systems so that walking, cycling and use of transit are highly convenient and so that, on balance, people need to and are likely to drive less than they do today.

Policy 3.3.1 The City shall provide facilities that allow people to reduce reliance on single occupant automobile use, particularly during peak periods.

Implementation Measure 3.3.1.a. Encourage a balance among housing, employment, and commercial activities within the City so more people are able to live and work within Wilsonville, thereby reducing cross-jurisdictional commuting.

Implementation Measure 3.3.1.b. Increase densities and intensities of development in or near the Town Center area and in other locations where transportation systems can meet those needs.

Implementation Measure 3.3.1.c. Plan for increased access for alternative modes of transportation, such as bicycling, transit and walking.

Implementation Measure 3.3.1.d. Continue use of the Planned Development/ Master Plan process to encourage developments that make it more convenient for people to use transit, to walk, to bicycle, and to drive less to meet daily needs.

Implementation Measure 3.3.1.e. Provide more and better options for travel from one side of the freeway, the railroad, and the Willamette River to the other.

Implementation Measure 3.3.1.f. Support provision of full day and Saturday transit service in the WES corridor.

Implementation Measure 3.3.1.g. Advocate for the extension of WES to Salem.

Implementation Measure 3.3.1.h. Consider reducing parking requirements where it can be shown that transit and/or bicycle pedestrian access will reduce vehicular trips.

Policy 3.3.2 The City shall work to improve accessibility for all citizens to all modes of transportation.

Implementation Measure 3.3.2.a. Provide pedestrian and bicycle connections between residential neighborhoods and major commercial, industrial, and recreational activity centers throughout the city, as shown in the Bicycle and Pedestrian Master Plan. Coordinate the system of pathways planned by adjacent jurisdictions to allow for regional travel.

Implementation Measure 3.3.2.b. Concrete sidewalks will be provided on both sides of all streets unless waived when alternative provisions are found to adequately address pedestrian needs.

Implementation Measure 3.3.2.c. Transportation facilities shall be ADA-compliant.

Implementation Measure 3.3.2.d. Fill gaps in the existing sidewalk and off-street pathway systems to create a continuous network of safe and accessible bicycle and pedestrian facilities.

GOAL 3.4: To facilitate the safe, efficient and economic flow of freight and other goods and services within the city and the region.

Policy 3.4.1 Upgrade and/or complete the street network on the west side of I-5, including in the Coffee Creek and Basalt Creek areas, to serve the warehousing, distribution, and other industrial uses located there.

Implementation Measure 3.4.1.a Where the City Council officially designates truck routes, these streets shall be developed to arterial street construction standards and be posted as truck routes.

Policy 3.4.2 The City will work with ODOT, Metro and neighboring communities to maintain the capacity of I-5 through a variety of techniques, including requirements for concurrency, continued development of a local street network within and connecting cities along I-5, access management, and completion of targeted improvements on I-5 such as auxiliary lanes, improvements at interchanges, etc.

Implementation Measure 3.4.2.a. Consistent with the City's policy that needed public facilities and services are provided in advance of, or concurrently with, development, proposed land use changes within the I-5/Wilsonville Road IMA shall be consistent with planned future transportation projects.

GOAL 3.5: To protect existing and planned transportation facilities, corridors and sites for their identified functions, including protection of the function and operation of the I-5/Wilsonville Road Interchange and the I-5/Elligsen Road Interchange, together with the local street network within the Interchange Areas.

Policy 3.5.1 Develop and maintain a transportation system that balances land use and transportation needs in a manner that enhances the livability and economic vitality of the city.

Implementation Measure 3.5.1.a. Establish and maintain design standards for each arterial and major collector street, in accordance with the Functional Street Classification System. The conceptual location of proposed new major streets identified in the TSP will be refined based on detailed engineering specifications, design considerations, and consideration of local impacts.

Implementation Measure 3.5.1.b. Evaluate the alignment and design of local streets on a project-by-project basis in coordination with the overall purposes of the TSP.

Implementation Measure 3.5.1.c. The Transportation Systems Plan shall be used to establish the Functional Street Classification System.

Implementation Measure 3.5.1.d. The Development Review Board or City Council may approve specific modifications through the planned development process. Such modifications shall be made in consideration of existing traffic volumes and the cumulative traffic generation potential of the land uses being developed.

Implementation Measure 3.5.1.e. All arterial and collector streets shall be dedicated public streets.

Policy 3.5.2 Review all land use/development proposals with regards to consistency with the TSP transportation impacts.

Implementation Measure 3.5.2.a. All development proposals shall be required to provide for a transportation impact analysis by payment to the City for completion of such study by the city's traffic consultant unless specifically waived by the City's Community Development Director because the scale of the proposed development will have very limited impacts.

Implementation Measure 3.5.2.b. The City may approve local private streets through the Planned Development process, provided that adequate emergency access is available and that proper maintenance by private entities is ensured.

Implementation Measure 3.5.2.c. Any proposed change to the Comprehensive Plan or Zoning Maps that would result in additional trips above that allowed under the city's concurrency policies may be denied unless mitigation measures are identified and provided.

Policy 3.5.3 Provide for an adequate system of local roads and streets for access and circulation within I-5 Interchange Management Areas that minimize local traffic through the interchanges and on the interchange cross roads.

I-5/Wilsonville Road IMA:

Implementation Measure 3.5.3.a. The City will require future development to plan for and develop local roadway connections consistent with the I-5/Wilsonville Road IAMP as part of the development permit approval process.

Implementation Measure 3.5.3.b. Bicycle and pedestrian connections within the IMA will be required for new development consistent with the City's Bicycle and Pedestrian Plan.

Implementation Measure 3.5.3.c. System operational improvements, including signal synchronization, transportation demand management measures and incident management shall be implemented within the vicinity of the interchange to maximize the efficiency of the local street network and minimize the impact of local traffic on the interchange.

Implementation Measure 3.5.3.d. The City will require future development to adhere to access management spacing standards for private and public approaches on statewide highways as adopted in the Wilsonville Road IAMP.

Implementation Measure 3.5.3.e. The City will approve development proposals in the I-5/Wilsonville Road Interchange Management Area (IMA) only after it is demonstrated that proposed access and local circulation are consistent with the Access Management Plan in the I-5/Wilsonville Road IAMP.

Implementation Measure 3.5.3.f. Ensure that future changes to the planned land use system are consistent with protecting the long-term function of the interchange and the surface street system.

Implementation Measure 3.5.3.g. Any proposed change to the Comprehensive Plan Map or existing zoning that would result in additional trips above that allowed under the current zoning and assumed in the I-5/Wilsonville Road IAMP must include a review of transportation impacts consistent with OAR 660-12-0060.

Implementation Measure 3.5.3.h. The City will provide notice to ODOT for any land use actions proposed within the I-5/Wilsonville Road IAMP Overlay Zone.

I-5/Elligsen Road Interchange

Implementation Measure 3.5.3.i. The City will require future development to adhere to access management spacing standards for private and public approaches on statewide highways as required by the Oregon Highway Plan.

Implementation Measure 3.5.3.j. Ensure that future changes to the planned land use system are consistent with protecting the long-term function of the interchange and the surface street system.

Implementation Measure 3.5.3.k. Bicycle and pedestrian connections within the Interchange Area will be required for new development consistent with the City's Bicycle and Pedestrian Plan.

Implementation Measure 3.5.3.l. System operational improvements, including signal synchronization, transportation demand management measures and incident management shall be implemented within the vicinity of the interchange to maximize the efficiency of the local street network and minimize the impact of local traffic on the interchange.

GOAL 3.6: To provide for the construction and implementation of transportation facilities, improvements and services necessary to support the TSP, the Transit Master Plan and the Bicycle and Pedestrian Master Plan.

Policy 3.6.1 The City will plan, schedule, and coordinate implementation of all street improvements through the on-going five-year Capital Improvements Plan. A priority is given to eliminating existing deficiencies and in upgrading the structural quality of the existing arterial system.

Implementation Measure 3.6.1.a. Complete the major street system improvements shown in the Transportation Systems Plan. The City may not be able to finance all of these improvements. Some may be financed by other entities, or a combination of public and private funds.

Implementation Measure 3.6.1.b. The City shall coordinate routine and necessary maintenance with the appropriate State or County agencies.

Policy 3.6.2 Require each development to provide all collector and local streets, unless the benefit to the entire community warrants public participation in funding those collector streets.

GOAL 3.7: Maintain a transportation financing program for the construction and implementation of transportation facilities, improvements and services necessary to support the TSP, the Transit Master Plan and the Bicycle and Pedestrian Master Plan.

Policy 3.7.1 To ensure development of an adequate street system, the City shall collect a Systems Development Charge as development occurs. Funds collected shall be allocated through the Capital Improvements Plan as needed to provide extra capacity service.

GOAL 3.8: To maintain coordination with neighboring cities, counties, Metro, ODOT local businesses, residents and transportation service providers regarding transportation planning and implementation.

Policy 3.8.1 The City shall work with the State, Metro, Clackamas and Washington Counties and adjacent jurisdictions to develop and implement a Regional Transportation Plan that is complementary to and supportive of the City's Plan while addressing regional concerns. The City expects a reciprocal commitment from the other agencies. This policy recognizes that there is a need for a collective and cooperative commitment from all affected agencies to solve existing and future transportation problems. The City will do its part to minimize transportation conflicts, but it must also have the support of County, regional, State and Federal agencies to effectively implement this Plan.

Implementation Measure 3.8.1.a. The City shall advocate for the State, Metro, and Counties to improve regional transportation facilities which, due to inadequate carrying capacities, limit implementation of the City's Transportation Plan.

LAND USE AND DEVELOPMENT

The previous sections on urbanization and public facilities have addressed the City's intent in terms of where and when development should occur. This section discusses the “what” (type) and “how” (design) of development.

The City of Wilsonville is required to utilize standards to help implement the Metro 2040 Growth Concept and Metro functional plans. Such standards include allowing the creation of smaller lots and more flexible use of land, strategies to encourage land assembly, more flexible zoning, and improvements in the pre-application process to ensure timely and thorough review.

The following plan policies are divided into five sections. The first deals with general development standards applying throughout the City. The second deals with commercial development; followed by sections on industrial development and residential development.

The last section deals with resource areas and natural hazards and it discusses the City's intention to protect environmental resources. It also supports the establishment of community design standards. It provides guidelines for integrating development with the natural features of the community, as well as with surrounding uses. In combination, these standards yield an integrated community design that blends the natural environment with urban development. The design criteria ensure the protection of significant natural resources and enhance the visual attractiveness of the community.

In reviewing this section of the Comprehensive Plan, it is important to remember that Wilsonville is required to conduct its planning efforts in conformance with state and regional requirements. The fundamental theme of the statewide planning program is that urban areas (especially cities) are expected to provide urban services and accommodate urban densities and intensities of development in order to reduce the development pressure on farm and forest lands. The fundamental theme of Metro's regional requirements is that the cities and counties in the urban Portland region must cooperate in meeting urban growth needs in order to reduce the development pressure on farms and forest lands outside the regional Urban Growth Boundary.

Metro has established its own standards for design that the City must consider in amending the local Comprehensive Plan. These “design types” can be found in Metro's 2040 Growth Concept. It is important to note that Wilsonville's Comprehensive Plan does not necessarily use the same terminology as Metro's Growth Concept and the results can be different. The following Metro design types do not necessarily have the same meaning as the words used in Wilsonville's Comprehensive Plan:

Town Center - Local retail and services will be provided within this area, with compact development and transit service. Note that the boundaries of Wilsonville's Town Center area, as defined in the local Comprehensive Plan and zoning, are more refined than Metro's Town Center designation, which Metro did not intend to be site-specific. Recommended average density - 40 persons (residents and employees) per acre.

Station Communities - Include nodes of development centered approximately one-half mile around a light rail or high capacity transit station that feature a high-quality pedestrian environment. Depending on the location and design of a station within Wilsonville for commuter rail, a Station Community may be developed within the City. It should be noted, however, that commuter rail stations tend to have different operating characteristics than light rail stations because they have fewer arrivals and departures throughout the course of a day. Because of those different operating characteristics, development planned around Wilsonville's commuter rail station should not be expected to meet the same standards as light rail areas elsewhere in the region. Recommended average density - 45 persons (residents and employees) per acre.

Main Streets - Include the neighborhoods served by main streets, typically including retail and service developments, as well as housing, served by transit. Wilsonville's plans for the Old Town District along Boones Ferry Road would help to establish that neighborhood as a Main Street. Recommended average density - 39 persons (residents and employees) per acre.

Corridors - Along good quality transit lines, corridors feature a high-quality pedestrian environment, convenient access to transit, and generally high-densities. Corridor areas in Wilsonville include Parkway Drive from Town Center through the north Wilsonville freeway interchange, and the northern end of Boones Ferry Road leaving the city limits. Recommended average density - 25 persons (residents and employees) per acre.

Employment Areas - Various types of employment and some residential development are encouraged in employment areas, with limited commercial uses. Wilsonville has three employment areas according to Metro maps. Metro's employment areas are regarded primarily as industrial development sites in the City's Comprehensive Plan. The site that previously housed the Burns Brothers Truck Stop (Area of Special Concern 'A') is labeled as an employment area by Metro, but is zoned for commercial development by the City. Such sites with existing commercial zoning have been exempted from Metro requirements limiting large retail developments in employment areas. Recommended average density - 20 persons (employees) per acre.

Industrial Areas - Industrial areas are set aside primarily for industrial activities with limited supporting uses. Metro maps designate one large industrial area within the City. Most of Wilsonville's industrial properties have been categorized by Metro as employment areas. Recommended average density - 9 persons (employees) per acre.

Inner Neighborhoods - Residential areas accessible to jobs and neighborhood businesses with smaller lot sizes, are classified as inner neighborhoods. It should be noted that the residential designations on Wilsonville's Comprehensive Plan Land Use Map cover a wide range of densities. Overall, properties with residential zoning in Wilsonville will exceed the recommended density established by Metro. Recommended average density - 14 persons per acre.

Outer Neighborhoods - Residential neighborhoods farther away from large employment centers, with larger lot sizes and lower densities, are classified as outer neighborhoods. (Please see the

notes on residential densities in inner neighborhoods, above.) Recommended average density - 13 persons per acre.

It should be noted that the City will revisit and reconsider Metro's design types as part of the on-going revisions to the Comprehensive Plan. The City will be considering possible changes to the Land Use Map of the Comprehensive Plan in the process of completing the Transportation Systems Plan in 2000 or 2001. The potential for changing City land use designations to better match Metro's design types will be considered at that time.

ECONOMIC DEVELOPMENT

Industrial development has been the primary element in Wilsonville's growth in recent years. However, commercial development, particularly professional offices, has begun to be of interest to business developers. Housing development has also increased substantially. Metro has now projected growth that will more than double both the number of housing units and the number of jobs in Wilsonville between the year 2000 and approximately 2020. If this growth occurs as predicted, the existing imbalance between jobs and housing (estimated at more than three jobs for each housing unit in 1996) will continue into the future.

Economic trends have fluctuated significantly, although perhaps cyclically, since Wilsonville was incorporated in 1969. As with much of Oregon, the local economy hit a low point in the early 1980s but boomed throughout the 1990s.

Commercial and industrial developments accounted for a total local employment that exceeded 17,000 jobs in 1996 (Metro data – ES 202). As of October 1999, the ten top employers within the City had a total of approximately 5,200 employees. Of those top-ten employers, only one was a retail store. The rest would be considered to be industrial uses of one kind or another. Although the number of workers in the ten largest local employers was impressive for a City of less than 15,000 residents, it also indicated how many smaller companies were employing people in Wilsonville. This is a clear indication of the economic diversity that the community now enjoys.

Industrial development is the basic element of economic growth as it produces goods for marketing, as well as being the primary employment generator. Commercial development is also important in that it creates secondary employment and provides retail outlets for manufactured goods. The commercial sector also provides support services for industry and personal goods and services (e.g., doctors, lawyers, food, clothing, etc.) for local residents and workers. It should be noted that having adequate commercial services in proximity to homes and other businesses reduces the need for travel and helps to meet state and regional goals for air quality and traffic congestion.

While commercial and industrial developments are generally associated with economic growth, housing is also an important element of the local economy. Housing development provides employment in planning, engineering, architecture, construction and real estate. More important, however, is the relationship of the availability of affordable housing to the local labor market.

The first section of this element of the Plan is oriented to commercial and industrial development. However, this Plan recognizes the importance of providing housing commensurate with the social and economic needs of local employees and is, therefore, followed by a section on housing.

The State's Economic Development Goal (Goal 9) is, "To provide adequate opportunities throughout the state for a variety of economic activities vital to the health, welfare, and prosperity of Oregon's citizens." Prior to adoption of this statewide goal, Wilsonville had developed the 1971 General Plan. The 1971 General Plan's goals and objectives included:

To develop an attractive and economically sound community.

Encourage commercial and industrial development to provide a balanced tax base and take advantage of the City's strategic location along I-5 and the rail line.

Maintain high-quality industrial development that enhances the livability of the area and promotes diversified economic growth.

Protect industrial lands from incompatible uses.

Encourage only industries interested in and willing to participate in development and preservation of a high-quality environment.

Encourage incorporation of large office complexes in industrial parks.

Develop performance standards, in addition to site development standards, which will limit emissions of smoke, dust, odor, glare, noise, and vibration from industrial uses.

Plan for industry to take advantage of the railroad and I-5 where necessary services can be provided.

These goals and objectives are still as much value today, as they were in 1971. In addition, the 1971 Plan attempted to provide for a reasonable amount of commercial facilities in a planned relationship to the people they will serve. Commercial areas were designated to reinforce existing development patterns and to be centered along Wilsonville Road and the north freeway interchange.

Existing commercial and industrial development has generally conformed to these guidelines and the 1988 Plan reaffirmed them as desirable objectives. The Comprehensive Plan continues to retain a focus on commercial development in the form of centers, rather than strip development.

Wilsonville is strategically located on the fringe of the metropolitan area, just south of the confluence of the I-5 and I-205 freeways, making it very desirable for economic development. Because of this, the City has an excellent opportunity to actively plan and guide its commercial and industrial development rather than remain in a passive review role. In this way, the City can ensure the type of development it wishes to occur.

GENERAL DEVELOPMENT

The rate of business and residential growth experienced by Wilsonville between 1980 and 2000 clearly indicates the popularity of this community as a place to do business, a place to work, and a place to live. The City has historically focused considerable attention on economic development without losing sight of the importance of protecting natural resources and developing attractive residential neighborhoods. The City has a well-established history of designating and protecting open space areas. Wilsonville residents also voted to support regional efforts to acquire large tracts of open space outside the City.

The City completed the West Side Master Plan in 1996, covering most of the City limits west of I-5 and south of Boeckman Road. The implementation of that Master Plan was delayed pending the prison-siting decision by the State and the completion of Wilsonville's Transportation Systems Plan. Much of the text of the West Side Master Plan can now be incorporated into the Comprehensive Plan.

Throughout this section of the Comprehensive Plan, provisions have been made for allowing certain mixes of uses to occur within the separate land use districts. This flexibility is provided to allow for the realization of benefits derived from complementary relationships in land uses. The benefits to be derived from these mixed-uses are primarily related to improvements in transportation and related utilization of energy and subsequent emissions of pollutants. The mixed-use provisions are not intended merely to increase property values.

GOAL 4.1 To have an attractive, functional, economically vital community with a balance of different types of land uses.

Policy 4.1.1 The City of Wilsonville shall make land use and planning decisions to achieve Goal 4.1.

Implementation Measure 4.1.1.a To ensure overall economic stability, the City will continue to coordinate its policies with those of Clackamas County's and Washington County's Overall Economic Development Plans (OEDP), as well as the Oregon Economic Development Department.

Implementation Measure 4.1.1.b To guide the local economic development program, the City will work with the local Chamber of Commerce to plan and promote economic growth in the community. In this regard, the City will maintain the base data and mapping necessary to assist economic development activities. The City will establish a process to update the base data at least annually.

Implementation Measure 4.1.1.c The City will continue to support a cooperative and active working relationship with the business community through the Chamber of Commerce as well as those businesses that are not members of the Chamber of Commerce and will seek their input when making decisions having economic impacts on the business community.

Implementation Measure 4.1.1.d In the process of administering the City's Comprehensive Plan, careful consideration will be given to the economic impacts of proposed policies, programs and regulations. Efforts will be made to simplify and streamline the planning and zoning review process while maintaining the quality of development.

Implementation Measure 4.1.1.e The City shall protect existing and planned industrial and commercial lands from incompatible land uses, and will attempt to minimize deterrents to desired industrial and commercial development.

Implementation Measure 4.1.1.f Through the City's public facilities, transportation, and Capital Improvements Plans, priorities will be established to ensure that adequate public facilities are available to support desired industrial and commercial development. A high priority shall be given to improvements to water, storm drainage, traffic circulation, and safety. It is not the intent of this Implementation Measure for the City to subsidize commercial or industrial development. Developers continue to be primarily responsible for providing needed improvements. The City merely acts as the coordinating agent to ensure that adequate facilities coincide with development.

Implementation Measure 4.1.1.g The City of Wilsonville will continue to help implement the Metro 2040 Growth Concept and the Urban Growth Management Functional Plan through the use of development standards allowing the creation of smaller lots and more flexible use of land, strategies to encourage land assembly, more flexible zoning and improvements in the pre-application process to ensure timely and thorough review.

Implementation Measure 4.1.1.h Application for proposed developments will be accompanied by site plans which at a minimum:

1. Identify and protect adjacent properties.
2. Designate access points; and where possible, coordinate these points with adjacent uses.
3. Provide for adequate on and off-site vehicular and pedestrian/bike circulation.
4. Identify proposed building locations, heights, set-backs, and landscaped areas, architectural drawings or sketches sufficient to demonstrate the intent, impact, character, and intensity of use of the proposed development. Detailed specifications will be required as part of final development plans, which may occur in phases.

Implementation Measure 4.1.1.i In reviewing proposed developments, the City will continue to examine:

1. The intensity of use, which includes percentage of lot coverage.
2. Number of employees per acre.
3. Peak vehicle trips per hour per acre.
4. Total trips per day per acre.

Implementation Measure 4.1.1.j Development will coincide with the provision of public streets, water, and sanitary sewer and storm drainage facilities as specified in Section 'C,' above. These facilities shall be: (a) capable of adequately serving all intervening properties as well as the proposed development; and, (b) designed to meet City standards.

Implementation Measure 4.1.1.k A minimum of 15% of the total gross area of all developments shall be landscaped and, where possible, integrated with the open space system. Areas identified as having significant natural resources may require enhancement in order to be considered part of the required open space for a given development. Additional landscaping may be required by the Development Review Board depending on the scale of the proposed development and its compatibility with abutting properties and their respective uses.

Implementation Measure 4.1.1.l Continue to utilize performance standards, in addition to site development standards, which will limit emissions of smoke, dust, odor, glare, noise, and vibration from industrial and commercial uses.

Implementation Measure 4.1.1.m Encourage a balance between light industrial and residential growth within the City.

Implementation Measure 4.1.1.n As existing businesses are renovated and new ones are constructed, the Development Review Board will require high standards of compatibility with surrounding development, landscaping, architecture and signage. The ability of a site to function properly in relation to the surrounding area will be emphasized.

Implementation Measure 4.1.1.o Applications for proposed developments will be accompanied by detailed site plans as specified in the City's Development Code.

Implementation Measure 4.1.1.p Require the placement of utilities underground in new developments and seek means of undergrounding existing above-ground utilities, other than storm drainage facilities.

Implementation Measure 4.1.1.q Implement those portions of the text of the West Side Master Plan that do not conflict with the remainder of the Comprehensive Plan. Changes to the Land Use Map of the Comprehensive Plan, implementing the West Side Master Plan, will not be made until the Transportation Systems Plan has been adopted by the City Council.

To further guide economic growth, specific goals, objectives and policies have been established for residential, commercial, and industrial land use decisions.

COMMERCIAL DEVELOPMENT

Commercial development is often a major identifying feature in a community, offering impressions to resident and visitor alike of the quality of life available. The Plan, therefore, urges that shopping areas be pleasant environments to live near and to do business within. They should not be designed in a manner only to attract attention. Buildings need not be painted in an offensive manner or have obtrusive signs to secure their share of the shopping public. In fact, the reverse trend tends to be the case, with centers providing a pleasant shopping environment often being more prosperous.

Commercial development demands special consideration in terms of traffic. On one hand, most commercial businesses need lots of customers coming and going in order to thrive. On the other hand, traffic jams at commercial locations can adversely affect the quality of the lives of other people in the area. The City must balance the needs of both the commercial and non-commercial sectors of the community in reviewing proposed development and considering the traffic impacts that will result. This is not intended to imply that commercial development is the only source of traffic problems. It is not. Rather, it is intended to point out that some commercial land uses may thrive in an environment where the traffic is excessive for other uses.

Commercial areas designated on the Plan recognize and reinforce existing development patterns, at the north (Elligsen Road) and south (Wilsonville Road). The Plan also recognizes the commercial development potential within the Charbonneau District, and the need for complementary commercial uses within or near the industrial area of the City. All commercial districts are planned in the form of centers or complexes rather than as a strip development along major streets. Five types of commercial centers have been recommended in Wilsonville's Comprehensive Plan since 1971. They are:

- Town Center;
- Service Centers;
- Office Complexes;
- Commercial Recreation Centers; and
- Neighborhood Commercial Sites.

At this time, it is apparent that there are commercial areas of the City that do not clearly fall into the categories listed above. For that reason, the Planning Commission and City Council are continuing to discuss potential changes to commercial land designations. More changes to the commercial designations of the Comprehensive Plan are expected with the completion of the City's Transportation Systems Plan in the months ahead.

The Town Center or City Center is intended to be the major commercial district. It should be anchored by a few major department stores and a grocery store. It should be interspersed with smaller shops, offering a wide variety of merchandise for comparative shopping. In addition to retail shops, complementary uses such as offices, theaters, restaurants, and civic activities should be provided. As defined by Metro, the Town Center area is expected to have a fairly high population density, and compact development with good quality transit service.

Service Centers are primarily related to the motoring public and should be located at the freeway interchanges, particularly the Stafford Interchange. These centers would be the sites for motels, restaurants, automobile and truck service centers, and other large site users dependent on easy access for freeway travelers. Such centers may also be incorporated into industrial developments. Service centers will be "on view" to a maximum number of visitors to the City and, accordingly, their appearance and their physical and visual relationship to abutting land uses are critical. Such uses should not compete for the same retail market as that intended to be served by the Town Center.

Office Complexes are distinguished from other commercial centers primarily because they are expected to generate less traffic than retail operations. A limited amount of retail is expected to occur within office complexes, but the amount of retail space is intended to be accessory or incidental to the primary office functions. Structures that will be located in these locations should be relatively small in scale if they are to form a transition between abutting residential areas and more intensive uses. The offices should be set back from streets a distance not less than that of abutting residential areas. Larger office complexes are appropriate in larger commercial or industrial locations. Parking areas and yards should be landscaped and signing should be subtle and "in keeping" with a quality environment. Large-scale and technology-oriented office facilities should be encouraged to locate in the Town Center and in large planned development commercial or planned development industrial zones.

Commercial Recreation - One such center has been developed in Charbonneau and is related to the golf courses contained within the development. Commercial recreation developments should be carefully introduced into the natural or constructed landscape of which they are a part, such as river or other water-oriented park sites. Such developments may also serve the convenience shopping needs of nearby residences.

Neighborhood Commercial Centers are established to provide for daily convenience needs of nearby residential or industrial areas. They will consist primarily of a small markets. Other related uses such as barber and beauty shops, laundry and dry cleaner pickup and delivery facilities, small bakery shops and other similar uses would also be appropriate in these small centers. If located in a residential area, parking facilities, signs, landscaping and the architecture of these centers must be of a quality at least equal to that of surrounding housing. Neighborhood Commercial Centers should be sensitively designed so that they are physically and visually compatible with the residential world of which they are generally a part.

Because large portions of the designated commercial areas are undeveloped, the opportunity exists to develop master plans, i.e., Town Center, or Wilsonville Square '76, to coordinate uses within a given area. The use of master plans for development within Wilsonville has been employed by the City since its incorporation. When small areas or individual lots develop, it also makes sense to coordinate them with adjacent properties. Therefore, under the commercial designation, a Planned Development Review process will continue to be the primary method of administration.

The intent of the Planned Development Review process is to allow for more flexible and creative designs and to encourage coordinated master planning of large areas. It is a further intent to

provide for a logical mix of uses in relation to the surrounding uses without necessitating a Plan Amendment.

Policy 4.1.2 The City of Wilsonville shall encourage commercial growth primarily to serve local needs as well as adjacent rural and agricultural lands.

Implementation Measure 4.1.2.a Encourage commercial uses which are compatible with the residential nature of the community, and are complementary to or supportive of industrial development in the City.

Implementation Measure 4.1.2.b Provide opportunities for a basic mix of needed goods and services.

Implementation Measure 4.1.2.c Encourage a rate of commercial development consistent with serving the needs of residents of the City and adjacent rural and agricultural lands.

Implementation Measure 4.1.2.d Cluster commercial activity near the freeway interchanges and encourage service or freeway-oriented commerce to locate near the Stafford Interchange. Encourage retail and other local-oriented commerce to locate in commercial districts along Wilsonville Road to minimize transient traffic impacts on the Wilsonville Interchange.

Implementation Measure 4.1.2.e Maintain the area south of the Willamette River for residential needs and with a residential character consistent with the amended Charbonneau Master Plan (which includes some commercial development).

Implementation Measure 4.1.2.f The City, in accordance with Title 4 of the Metro Urban Growth Management Functional Plan, will encourage development of lands designated by Metro as “Employment” and “Industrial” areas to include supportive retail development. Commercial uses in those areas can be expected to include some limited retail uses, primarily to serve the needs of people working or living in the immediate area and office complexes housing technology-based industries. Where the City has already designated land for commercial development within Metro’s employment areas, the City has been exempted from Metro development standards.

Implementation Measure 4.1.2.g The location and development of commercial areas within the community should be given very careful consideration. Although they may occupy a relatively small percentage of the total land area, commercial developments customarily occur at points of maximum traffic movement and, therefore, have a tremendous impact on people's impressions of the visual quality of the community. If Wilsonville is to retain an image as a desirable place to live, its commercial areas must reflect that quality.

Implementation Measure 4.1.2.h Non-commercial uses may be permitted within a planned development commercial zone, provided that the predominant uses remain commercial. In many locations, the development of residential uses is appropriate and desirable in upper floors, while ground-floor uses remain commercial.

Implementation Measure 4.1.2.i As existing businesses are renovated and new ones are constructed, the Development Review Board will require high standards of compatibility with surrounding development, landscaping, architecture, and signage. The ability of a site to function properly in relation to the surrounding area will be emphasized.

Implementation Measure 4.1.2.j Neighborhood commercial, limited to convenience goods and services for local residents and workers, may be permitted as part of a Planned Development in a residential or industrial area provided the following criteria are met:

1. Sites shall be separated from other commercial uses by at least one-half (1/2) mile.
2. Each neighborhood commercial area shall be limited to no more than 5% of the total planned development acreage (gross) or one acre, whichever is less.
3. Sites shall have direct access to a street of at least a collector classification. Pedestrian access to surrounding development areas should also be provided.
4. Sites shall not include more than one quadrant of an intersection and will not result in undue traffic congestion.

Implementation Measure 4.1.2.k In order to assure compliance with Metro standards, retail uses with more than 60,000 square feet of gross leasable floor area per building or business shall not be permitted within areas zoned for industrial development.

INDUSTRIAL DEVELOPMENT

Wilsonville is basically a compact City, for this reason all industrial development should be compatible with adjacent or nearby commercial and/or residential areas. Therefore, there is little need for more than one industrial designation. For all practical purposes, all development should be guided by the same general standards; dealing with intensity, etc.

Policy 4.1.3 City of Wilsonville shall encourage light industry compatible with the residential and urban nature of the City.

Implementation Measure 4.1.3.a Develop an attractive and economically sound community.

Implementation Measure 4.1.3.b Maintain high-quality industrial development that enhances the livability of the area and promotes diversified economic growth and a broad tax base.

Implementation Measure 4.1.3.c Favor capital intensive, rather than labor intensive, industries within the City.

Implementation Measure 4.1.3.d Encourage industries interested in and willing to participate in development and preservation of a high-quality environment. Continue to require adherence to performance standards for all industrial operations within the City.

Implementation Measure 4.1.3.e Site industries where they can take advantage of existing transportation corridors such as the freeway, river, and railroad.

Implementation Measure 4.1.3.f Encourage a diversity of industries compatible with the Plan to provide a variety of jobs for the citizens of the City and the local area.

Implementation Measure 4.1.3.g Encourage energy-efficient, low-pollution industries.

Implementation Measure 4.1.3.h The City, in accordance with Title 4 of the Metro Urban Growth Management Functional Plan, supports appropriate retail development within Employment and Industrial Areas. Employment and Industrial areas are expected to include some limited retail commercial uses, primarily to serve the needs of people working or living in the immediate Employment or Industrial Areas, as well as office complexes housing technology-based industries. Where the City has already designated land for commercial development within Metro's employment areas, the City has been exempted from Metro development standards.

Implementation Measure 4.1.3.i The City shall limit the maximum amount of square footage of gross leasable retail area per building or business in areas designated for industrial development. In order to assure compliance with Metro's standards for the development of industrial areas, retail uses with more than 60,000 square feet of gross leasable floor area per building or business shall not be permitted in areas designated for industrial development.

Implementation Measure 4.1.3.j All industrial areas will be developed in a manner consistent with industrial planned developments in Wilsonville. Non-industrial uses may be allowed within a Planned Development Industrial Zone, provided that those non-industrial uses do not limit the industrial development potential of the area.

RESIDENTIAL DEVELOPMENT

Housing is a basic human need which concerns everyone. With today's housing costs, satisfying this basic need is becoming an increasingly difficult task. Governments at all levels are giving more and more attention to housing issues.

In the process of adopting the Statewide Planning Goals, LCDC established the goal providing for the housing needs of citizens of the State. To meet this goal, all local jurisdictions in the State must develop plans, "that encourage the availability of adequate number of needed housing units at price ranges and rent levels which are commensurate with the financial capabilities of Oregon households and allow for flexibility of housing location, type and density."

As of October 1999, the existing housing stock of 6,788 units consisted of 41.2% single-family 52.4% multi-family (including duplexes and condominiums), and 6.4% manufactured housing (mobile homes). This mix of housing types indicates that the City met the intent of the State's "Metro Housing Rule" applying to housing mix. It is also important to note that the total number

of housing units within the City increased by more than 200% in thirteen years. During that period, there were 476 more multiple-family units than single-family units added to the City's housing mix. The number of mobile and manufactured housing units actually declined during that period, in spite of the fact that local codes were amended to permit those units to be located alongside conventionally built houses and multiple-family units.

Even prior to the adoption of the Statewide Planning Goals, Wilsonville's 1971 General Plan contained a goal that supported affordable housing, plus the following objectives:

Establish residential areas that are safe, convenient, healthful, and attractive places to live;

Encourage variety through the use of clusters and planned developments; and

Develop a renewal program to update the "Old Town" area.

In compliance with these objectives, numerous residential developments, including apartments, single family subdivisions, planned developments, and a mobile home park were approved by the City. However, during the review hearings of many of these projects, questions of need, related to the timing, type, and number of units continually arose. Subsequently, as part of the 1988 Plan update, a detailed housing and economic development analysis was conducted (the Housing and Economic Development Report). While the report discussed several factors, it identified two significant factors related to housing. They were as follows:

The majority of workers employed in Wilsonville did not live in the City.

The prevailing vacancy rates for all types of housing as of January 1987, within the City were extremely low. This indicates that the demand for housing in Wilsonville exceeded the supply.

Many members of the community's sizable work force still cannot afford to live in Wilsonville because of their incomes and the lack of affordable housing.

The City recognizes that some of the existing mobile home parks were originally approved as temporary transitional uses, eventually to be phased out for commercial or industrial uses in conformance with the designations of the 1975 Plan map. The City also recognizes that existing residents within these parks have chosen to live in mobile or manufactured homes based on personal preference and economic factors. They have also invested money in their homes and, if their parks are phased out, will be faced with finding suitable relocation sites, be forced to relocate outside of the City or sell their mobile homes.

The City is required by Metro to assure that residential densities in new developments are not less than 80 percent of maximum-zoned densities. The City is also required to determine the calculated capacity of dwelling units and jobs by the year 2017, using the capacity of its current Comprehensive Plan and implementing ordinances.

Additionally, the City is required to periodically review its public facility capacities and plans to assure that planned public facilities can be provided to accommodate the calculated capacity within the planning period.

The City is required to calculate the increases in dwelling unit and job capacities by the year 2017 from any proposed changes to the current Comprehensive Plan and Development Code that must be adopted and add the increases to the calculation of expected capacities.

The City is required to determine the effect of each of the following on calculated capacities, and include any resulting increase or decrease in calculated capacities:

1. Required dedications for public streets, consistent with Metro's Regional Accessibility requirements;
2. Off-street parking requirements, consistent with the Metro Urban Growth Management Functional Plan;
3. Landscaping, setback, and maximum lot coverage requirements;
4. The effects of tree preservation ordinances, environmental protection ordinances, view preservation ordinances, solar access ordinances, or any other regulations that may have the effect of reducing the capacity of the land to develop at the zoned density;
5. The effects of areas dedicated to bio-swales, storm water retention, open space dedications, and other requirements of local codes that may reduce the capacity of the land to develop at the planned density.

If any of the calculated capacities are determined to be less than the City's target dwelling unit and job capacities specified by Metro, either jurisdiction-wide or in mixed-use areas, or both, then the City is required to increase calculated capacities, as needed, to comply with the calculated capacities of Metro's Urban Growth Management Functional Plan. The City is required to achieve the target capacities for both dwelling units and jobs.

As stated above, housing is a basic human need. Therefore, residential development is considered a primary element of this Plan. A priority is given to satisfying the housing Goal. In so doing, however, it is not the intent of this section to ignore other sections of the Plan. Rather, the intent is to balance conformance to other provisions of the Plan so as to best satisfy housing needs within the City. To complete the framework for evaluating residential development, the following Implementation Measures have been established.

Policy 4.1.4 The City of Wilsonville shall provide opportunities for a wide range of housing types, sizes, and densities at prices and rent levels to accommodate people who are employed in Wilsonville.

Implementation Measure 4.1.4.a The City shall encourage that at least an area of land equal to that now utilized for existing mobile home parks within the City, shall be identified within

the City for development of replacement mobile or manufactured parks or subdivisions prior to redevelopment of the existing parcels for other uses. Preservation of existing parks will be encouraged where consistent with other provisions of this Plan.

Implementation Measure 4.1.4.b Plan for and permit a variety of housing types consistent with the objectives and policies set forth under this section of the Comprehensive Plan, while maintaining a reasonable balance between the economics of building and the cost of supplying public services. It is the City's desire to provide a variety of housing types needed to meet a wide range of personal preferences and income levels. The City also recognizes the fact that adequate public facilities and services must be available in order to build and maintain a decent, safe, and healthful living environment.

Implementation Measure 4.1.4.c Establish residential areas that are safe, convenient, healthful, and attractive places to live while encouraging variety through the use of planned developments and clusters.

Implementation Measure 4.1.4.d Encourage the construction and development of diverse housing types, but maintain a general balance according to housing type and geographic distribution, both presently and in the future. Such housing types may include, but shall not be limited to: Apartments, single-family detached, single-family common wall, manufactured homes, mobile homes, modular homes, and condominiums in various structural forms.

Implementation Measure 4.1.4.e Targets are to be set in order to meet the City's Goals for housing and assure compliance with State and regional standards.

Implementation Measure 4.1.4.f Accommodate the housing needs of the existing residents of the City of Wilsonville. The future status of existing mobile home dwellers within the City is a particular concern in establishing this Measure.

Implementation Measure 4.1.4.g Coordinate housing development with the social and economic needs of the community.

Implementation Measure 4.1.4.h Require new housing developments to pay an equitable share of the cost of required capital improvements for public services.

Implementation Measure 4.1.4.i Restrict the number of housing starts to the capacities of public facilities and services.

Implementation Measure 4.1.4.j The City shall have a diverse range of housing types available within its City limits.

Implementation Measure 4.1.4.k The City shall adopt specific goals for low and moderate cost housing to ensure that sufficient and affordable housing is available to households of all income levels that live or have a member working within the City of Wilsonville.

Implementation Measure 4.1.4.l The City shall work to improve the balance of jobs and housing within its jurisdictional boundaries.

Implementation Measure 4.1.4.m The City will consider the use of the following tools identified by Metro to improve availability of sufficient housing affordable to households of all income levels and manufactured housing to assure a diverse range of available housing types.

1. Donation of buildable tax-foreclosed properties to nonprofit organizations or governments for development as mixed-market affordable housing.
2. Development of permitting process incentives for housing being developed to serve people at or below 80% of area median income.
3. Provision of fee waivers and property tax exemptions for projects developed by nonprofit organizations or governments serving people at or below 60% of area median income.
4. Creation of a land-banking program to enhance the availability of appropriate sites for permanently affordable housing.
5. Adoption of replacement ordinances that would require developers of high-income housing, commercial, industrial, recreational or government projects to replace any affordable housing destroyed by these projects.
6. Creation of linkage programs that require developers of job-producing development, particularly that which receives tax incentives, to contribute to an affordable housing fund.
7. Committing locally controlled funds, such as Community Development Block Grants, Strategic Investment Program tax abatement funds, or general fund dollars, to the development of permanently affordable housing for people at or below 60% of area median income.
8. Within the limits set by State law, consider inclusionary zoning requirements, particularly in tax incentive programs, for new development in transit zones and other areas where public investment has contributed to the value and developability of land.

Implementation Measure 4.1.4.n Amend the Development Code to permit manufactured homes configured as duplexes, triplexes, fourplexes, etc. outside manufactured dwelling parks, consistent with zoning densities.

Implementation Measure 4.1.4.o The City will encourage the development of housing of various types and densities. Guided by the urbanization, public facilities, and economic elements, the City will, however, manage residential growth to ensure adequate provision of public facilities and that proposed housing satisfies local need and desires, i.e., type, price and rent levels.

Implementation Measure 4.1.4.p In an effort to balance residential growth with the City's employment base, the City shall encourage the development of housing to meet the needs of the employees working in the City.

Implementation Measure 4.1.4.q The City will continue to allow for mobile homes and manufactured dwellings, subject to development review processes that are similar to those used for other forms of housing. Individual units will continue to be allowed on individual lots, subject to design standards. Mobile home parks and subdivisions shall be subject to the same procedures as other forms of planned developments.

Implementation Measure 4.1.4.r All development, except as indicated in the lowest density districts, will coincide with the provision of adequate streets, water, and sanitary sewerage and storm drainage facilities, as specified in the Public Facilities and Services Section of the Plan. These facilities shall be (a) capable of adequately serving all intervening properties as well as the proposed development and (b) designed to meet City standards.

Implementation Measure 4.1.4.s Residential subdivisions, including mobile home subdivisions, shall be developed with paved streets, curbs and gutters, street lights and walkways, according to City standards. All utilities, other than storm water facilities, will be placed underground.

Implementation Measure 4.1.4.t Site plans will provide for adequate open space to (a) protect adjacent properties; and (b) provide ample yard space and play areas for residents. The residential character of established neighborhoods, particularly low density developments, shall also be protected as surrounding development occurs. Site development standards shall continue to be applied to ensure compatibility with adjacent land uses. High design standards will be established for signage and appearance, including the landscaping of setback areas and the designation of access points.

Implementation Measure 4.1.4.u To provide variety and flexibility in site design and densities, residential lands shown on the Land Use Map of the Comprehensive Plan have been divided into districts, with different density ranges for each district. In all residential developments, other than those that are so small that it is not mathematically feasible to achieve the prescribed minimum density, the 80% minimum shall apply. The following density ranges have been prescribed for each district:

Density:	0-1 units/acre
	2-3 units/acre
	4-5 units/acre
	6-7 units/acre
	10-12 units/acre
	18-20 units/acre

Implementation Measure 4.1.4.v Site development standards and performance criteria have been developed for determining the approval of specific densities within each district. Densities may be increased through the Planned Development process to provide for meeting special needs (e.g., low/moderate income, elderly, or handicapped).

Implementation Measure 4.1.4.w These Implementation Measures shall not be administered in such a manner as to violate other provisions of this Plan.

Implementation Measure 4.1.4.x Apartments and mobile homes are to be located to produce an optimum living environment for the occupants and surrounding residential areas.

Development criteria includes:

1. Buffering by means of landscaping, fencing, and distance from conflicting uses.
2. Compatibility of design, recognizing the architectural differences between apartment buildings and houses.
3. On-site recreation space as well as pedestrian and bicycle access to parks, schools, mass transit stops and convenience shopping.
4. The siting of buildings to minimize the visual effects of parking areas and to increase the availability of privacy and natural surveillance for security.

Implementation Measure 4.1.4.y Housing units shall be designed, constructed, and maintained so that the community is assured of safe, sanitary, and convenient living conditions in dwellings that are sound, energy efficient, and attractive in their appearance.

Conservation of housing resources shall be encouraged through code enforcement, renovation, and rehabilitation of the existing housing stock.

Implementation Measure 4.1.4.z The City shall continue to apply a minimum density standard to all zones allowing residential use, such that all development, including subdivisions, will result in the eventual build-out of 80 percent or more of the maximum number of dwelling units per net acre permitted by the zoning designation for a given development. The minimum density requirement does not apply inside areas designated by the City as open spaces or significant resource sites. The maximum-zoned density does not include the density bonus for zones that allow them.

Implementation Measure 4.1.4.aa The City will continue to allow partitioning or subdividing where existing lot sizes are two or more times that of the minimum lot size in the Development Code, and all other applicable requirements are met.

Implementation Measure 4.1.4.bb The City allows the construction of one accessory dwelling unit with any detached or attached single family dwelling that is permitted to be built in any zone, subject to standards in the Land Development Code or density and size standards in Neighborhood Plans, Stage II Development Plans or Final Development Plans. Regulations of such units include size, architectural design to match the primary unit on the site, and parking requirements. [Amended by Ord. 676, 3/3/10]

Implementation Measure 4.1.4.cc In order to encourage originality, flexibility, and innovation in land development, and minimize monotonous standardized subdivisions, all subdivisions over two acres in size require Planned Development review (P.D.R.). Multi-plexes and single-family attached units may also be approved as part of a planned development.

Implementation Measure 4.1.4.dd Continue the development of a renewal program to update/upgrade the "Old Town" area of Wilsonville.

RESIDENTIAL PLANNING DISTRICTS SHOWN ON THE LAND USE MAP OF THE COMPREHENSIVE PLAN

Density (0-1 du/ac)

The purpose of this district is to provide for very low density housing areas to satisfy individuals desiring to own a large lot within an urban setting. This district recognizes and protects existing and future large-lot developments within the City. This density would generally fall under the PDR-1 zoning district category as outlined in the Development Code.

The following areas should be designated and developed at this density:

1. Areas which are currently developed at suburban densities and where little need exists for redevelopment.
2. Areas where transportation is limited to minor collector and local streets, and where high volume traffic would create safety problems.
3. Areas where sensitivity to the natural environment or natural hazards warrant a reduced density.

Density (2-3 or 4-5 du/ac)

The purpose of this district is to provide for low density residential areas. The 2-3 du/acre density would generally fall under the PDR-2 zoning district category as outlined in the Development Code. The 4-5 du/acre density would generally fall under the PDR-2 and PDR-3 (or other categories that could work out to this level of density) zoning district category as outlined in the Development Code.

The following areas should be designated and developed at this density:

1. Areas with access to a minor arterial, collector, or local streets. However, direct vehicular access from individual lots onto a minor arterial will be restricted.
2. Undeveloped areas adjacent to existing lower density developments, or near the fringe of the Urban Growth Boundary.
3. Areas where sensitivity to the natural environment or natural hazards warrant a reduced density.

Density (6-7 or 10-12 du/ac)

The purpose of this district is to ensure an efficient use of urban land by providing for the development of medium density housing areas. This density would generally fall under the PDR-

3 and PDR-4 (or other categories that could work out to this level of density) zoning districts category as outlined in the Development Code.

The following areas should be designated and developed as urban medium density:

1. Areas with access to a major or minor arterial or collector street. Siting should not, however, result in significant traffic impacts through lower density residential areas.
2. Areas located near or adjacent to commercial areas, employment centers and/or mass transit routes.
3. Areas adjacent to urban lower density developments or planning districts.

Permitted uses in this district typically include single family dwellings, whether detached or attached, accessory dwelling units, multi-family dwellings, including duplexes and tri-plexes, and mobile home parks or subdivisions, multi-family developments, including duplexes and multi-plexes and mobile home parks or subdivisions, will be subject to Development Review approval.

Neighborhood or convenience commercial uses may be permitted as part of a Planned Development but should be integrated into the design of the surrounding residential development, i.e., first floor of multi-story structure or similar design as residential units. Such commercial developments shall be limited to locations where there is clearly demonstrated local need. All such uses shall be subject to Development Review approval.

Density (18-20 du/ac)

The purpose of this district is to provide for efficient use of land near the major commercial or employment centers by providing for high-density residential development. It is a further purpose of this district to encourage mixed uses in commercial areas. This density would generally fall under the PDR-6 and PDR-7 (or other categories that could work out to this level of density) zoning district categories as outlined in the Development Code.

The following areas may be designated urban high-density residential:

1. Areas located on major or minor arterials and where such development will not result in significant traffic impacts through low- or medium-density residential areas.
2. Areas located within or adjacent to major shopping centers, employment centers and/or adjacent to mass transit routes.

Because of the land use intensity allowable in this district, the zoning will be restricted to a Planned Development review.

All developments will be subject to Development Review Board approval, including lot sizes, setbacks, open space, and parking requirements. Where feasible, under-structure parking will be encouraged on structures over two (2) stories in height.

ENVIRONMENTAL RESOURCES AND COMMUNITY DESIGN

At a glance, most land appears to be much the same as the lands surrounding it, with the exception of obvious differences such as topography and vegetation. However, a more detailed analysis can reveal distinct differences in the land composition and physical characteristics of nearly any two adjacent parcels of land. These differences can affect the overall suitability of a particular parcel of land for various types of land use. Each piece of land has a natural land use intensity potential which results from variations in its physical features and their interrelationships with natural processes, such as:

1. Underlying geological deposits and associated characteristics.
2. Types of surface soils and associated characteristics.
3. Water, the hydrologic cycle and natural drainage.
4. Slope of the land.
5. Vegetative cover (type, size, and location).
6. Weather conditions.
7. Character of adjoining natural features and developments.

Certain combinations of these natural features and processes can create inherently hazardous or unstable conditions which have special significance to humans and their land use activities. These conditions, referred to as natural hazards, are more appropriately labeled physical or natural limitations and occur in the form of:

1. Flood plains and wetlands
2. Runoff and erosion potentials.
3. Soil instability, including landslides, settlement, shrink/swell potential and earthquakes.

In addition to natural limitations, there are also natural potentials which can provide a more desirable living environment if given proper consideration in determining land use patterns and development design. The elements which offer these potentials are:

1. Existing vegetation.
2. Topography.
3. Wildlife and their associated habitats.
4. River, streams, lakes, and ponds.

In nature, there is a balanced system of events and processes that affect and shape the land on which we live. Because these processes continually and ultimately affect land and property, it follows that we should respect these natural processes in making land use decisions. For example, unless mitigated, it would not be wise to make a land use decision that encourages subdivisions to be built in areas that are known to flood.

By using nature as a guide to initial land use decisions, it is possible to minimize potential development hazards due to physical limitations of the land. It is also possible to maximize the preservation of nature and natural processes, thereby insuring that development occurs in harmony with the natural features of the community. This approach can also maintain and even enhance the natural aesthetic qualities of the community.

Following a detailed analysis of the characteristics of Wilsonville's natural environment, several areas of special concern were identified. They are:

1. Areas containing weak foundation soils, which are soft or compressible or those prone to liquefaction in the event of earthquakes and require special foundation engineering for construction.
2. Areas subject to seasonal or periodic flooding.
3. Areas with seasonally high ground water tables.
4. Areas of steep slope and subject to landslide and/or erosion.
5. Fish and wildlife habitat and associated water courses and native vegetation.

These areas are discussed in detail in the Physical Inventory report. The most significant areas identified are as follows:

1. Coffee Lake Creek/Seely Ditch - this area contains historically hydric soils with a high water table and low compressive strength. The wet soil conditions are compounded by winter rains resulting in standing water over much of the area during the winter months.
2. Boeckman Creek and other small streams have formed steep-sided canyons and ravines as they drain into the Willamette River. These steep slopes, as well as the steep banks along the Willamette River itself, include locations that are extremely unstable and subject to landslide and/or excessive erosion.
3. The flood plains along the Willamette River, Coffee Lake Creek, and Seely Ditch which are subject to seasonal and/or periodic high water following heavy storms.
4. Several stands of native vegetation scattered throughout the City, particularly along natural drainage ways. These areas provide visual relief from urban development plus run-off erosion control and habitat for wildlife.

Generally, all intensive urban development creates conflicts with open space and associated wildlife areas. However, careful management within and adjacent to these areas can significantly reduce these conflicts. Open-space-use management can also increase public safety by controlling development in hazardous areas while preserving valuable natural resources.

The City has identified significant natural resource areas that warrant special use management consideration in order to preserve water quality, visual quality, and sensitive wildlife habitats.

Uncontrolled development of adjacent properties could diminish the natural quality of these areas. Therefore, it is necessary to establish development standards for properties along the fringe of the sensitive areas. The management and protection of these natural resource areas is implemented through the provisions of the Significant Resource Overlay Zone ordinance. The economic loss of development of open space lands can be compensated for through such techniques as density transfers. In order for such a technique to work, the City must take an effective and creative approach to proposed developments, without placing unnecessary limitations on the density of development that will be permitted.

Many of these open space areas also provide scenic views, although no significant site-specific viewpoints have been identified. The Physical Inventory Report identifies the following general scenic views:

1. The Willamette River from the water, its bank, and from the I-5 bridge.
2. Numerous stands of trees throughout the City.
3. Mount Hood.
4. Boeckman Creek.

These views can be observed from numerous locations throughout the City and are infrequently threatened by development in accordance with current standards. Therefore, special scenic view standards are considered impracticable and unnecessary.

The City has determined that there is limited commercial timber resource in the numerous stands of trees throughout the City. However, as noted, they have been considered worthy of protection to preserve wildlife habitats and the community's air and visual quality, as well as providing shade, soil stabilization, and erosion control.

Other environmental resources investigated in the Physical Inventory Report include mineral and aggregate deposits. Based on the Report, there are no known mineral deposits in the City. There are some gravel deposits along the I-5 corridor north of the Willamette River. However, these deposits are of low grade in both quality and quantity. In addition, further excavation of these deposits would significantly conflict with the urban uses planned along the I-5 corridor. Therefore, no provisions have been made to protect this resource.

In addition to these factors, one of the major aspects of Wilsonville's natural environment is its relationship to agricultural land. Statewide Planning Goal #3 is intended to preserve agricultural lands.

Wilsonville's 1971 General Plan and 1988 Comprehensive Plan set objectives to allow for the continuation of agriculture as a viable part of the community's economy. Agricultural activities still exist as an interim use within the City, and they are the primary land use outside of the City. In recognition of this factor, Metro has established an urban growth boundary to protect prime agricultural lands outside of the urban area. The urban growth boundary has been established in consideration of the placement of existing and planned utilities in relation to existing and planned development patterns and provides sufficient vacant land for continued growth over the next 20 years.

As a basic framework for land use decisions in these areas, the following Policies and Implementation Measures have been established. Many of these Policies and Implementation Measures are complemented by policies in the parks and open space sections of the Public Facilities Element.

In combination, these Policies and Implementation Measures form the foundation for an integrated community design that preserves the integrity and aesthetic quality of the natural environment while allowing for development. It is the underlying intent of the Plan to reconcile these factors through site planning and design, so that they complement each other. Wilsonville's agricultural and rural heritage has long given it a sense of openness accented by lines and clusters of trees and other natural vegetation. As the City has become more urban, there remains a desire to create the sense of openness and to preserve natural features, while allowing for higher density development, as expected in urban areas.

Noise, water quality, and air quality affect our health, our economic interests and quality of life. High noise levels affect a person's mental and physical well being and ability to work. Poor water and air quality can be a health hazard. Because of their complexities, air and water quality and noise control require both local and regional action. A regional and urban growth boundary has been established to concentrate urban growth within a specified area and to reduce sprawl. Wilsonville is within the regional growth boundary. While urban growth will be contained by the boundary, the boundary, without the necessary safeguards (such as performance standards), could simultaneously exaggerate and concentrate urban pollution.

Wilsonville is located within the Portland/Vancouver Air Quality Maintenance Area (AQMA). Within the AQMA there are three non-attainment areas (CO, TSP, 03). Only the 03 non-attainment area includes Wilsonville (it has the same boundaries as the AQMA). Consequently, the City is subject to the policies and standards set forth in the State Implementation Plan jointly adopted by Metro and State Department of Environmental Quality (DEQ).

Full compliance with these standards could result in some development constraints with the City and at a minimum could require installation of air pollution control devices on some industries. Air quality will remain a concern as urban development occurs.

Similarly, water quality is regulated by Federal Standards enforced by DEQ at the State level. For example, the City's sanitary sewer treatment system is monitored to insure compliance with DEQ wastewater discharge standards.

The major source of noise pollution within the City is the I-5 Freeway. Other noticeable sources include boats on the river and trains passing through town.

In recognition of the noise conflicts with the Freeway and railroad tracks, the City has made an effort to minimize the location of residential development adjacent to the Freeway or tracks. In addition, site design and sound control devices, i.e., berms and walls can be used to reduce noise conflicts.

In considering the overall character of the community, it is important to look to the past. As a community develops, it should not discard its past for the sake of the future. Historic features provide a link with the past and add character and variety to the community's design.

The Statewide Inventory of Historic Sites and Building identifies one historic site in the City, the Boones Ferry Landing Site. There is no physical evidence of this landing site, except that Boone's Ferry Road terminates at the river's edge. The site is part of a six-acre City Park and is located within the Willamette River Greenway Boundaries. Other than documentation and recognition that this landing site exists, no additional standards or measures are considered necessary to preserve its historic value.

Additional Wilsonville sites and buildings have been inventoried and the results have been included as an appendix to the Comprehensive Plan as potential historic sites and structures. The City has worked with the local Historical Society on that inventory in the past and is expected to continue to coordinate with that group in completing the Goal 5 process for historic resources in the future.

Policy 4.1.5 Protect valuable resource lands from incompatible development and protect people and property from natural hazards.

Implementation Measure 4.1.5.a Require the placement of utilities underground in new developments and seek means of undergrounding existing above-ground utilities, other than storm drainage facilities.

Implementation Measure 4.1.5.b Help to preserve agricultural land by protecting the agricultural lands outside the Urban Growth Boundary, by guiding development within the boundary. Discourage long term agricultural uses within the urban boundary.

Implementation Measure 4.1.5.c Provide a buffer use or transition zone between urban and adjacent agricultural areas.

Implementation Measure 4.1.5.d Conserve and create open space throughout the City for specified objectives.

Implementation Measure 4.1.5.e Protect the beneficial uses and functional values of resources within the Water Quality and Flood Management Areas and Habitat Conservation Areas identified by Metro by limiting or mitigating the impact on these areas from development activities.

Implementation Measure 4.1.5.f Ensure protection of Water Quality and Flood Management Areas and Habitat Conservation Areas pursuant to Title's 3 and 13 of the Metro Urban Growth Management Functional Plan by either:

1. Adopting the relevant provisions of the Metro Water Quality and Flood Management model ordinance and Metro Water Quality and Flood Management Conservation Area Map; or

2. Adopting the relevant provisions of the Metro Title 13 model ordinance and Habitat Conservation Areas Map; or
3. Demonstrating that the City's plans and implementing ordinances substantially comply with the performance standards, including the map, contained in Title 3. In this case, the purpose of this map is to provide a performance standard for evaluation of substantial compliance for the City; or
4. Demonstrating that the City's plans and implementing ordinances substantially comply with the development standards, including the Habitat Conservation Areas Map; or
5. Any combination of 1 and 3 above that substantially complies with all performance standards in Section 4 of Title 3 of Metro's Urban Growth Management Functional Plan.
6. Any combination of 2 and 4 above that substantially complies with all development standards in Section 6 of Title 13 of Metro's Urban Growth Management Functional Plan.

Implementation Measure 4.1.5.g Encourage identification and conservation of natural scenic and historic areas within the City.

Implementation Measure 4.1.5.h Develop an attractive and economically sound community.

Implementation Measure 4.1.5.i Identify buildings of unusual or outstanding architectural style from earlier eras. Encourage preservation of these structures.

Implementation Measure 4.1.5.j Ensure that open space conforms to the characteristics of the land, type of land use, adjacent land uses and City needs.

Implementation Measure 4.1.5.k Develop open, limited, or restricted access natural areas connected where possible by natural corridors, for wildlife habitat, watershed, soil and terrain protection. Preservation of contiguous natural corridors throughout the City for the protection of watersheds and wildlife will be given priority in land use decisions regarding open space.

Implementation Measure 4.1.5.l Identify areas of natural and scenic importance and give them priority in selection of public open space. Where legal rights of access have been acquired, extend public access to, and knowledge of such areas, in order to encourage public involvement in their preservation.

Implementation Measure 4.1.5.m Protect the river-connected wildlife habitat and encourage the integration and inter-connection of the Willamette River Greenway to open space areas of the City. Continue to regulate development within the Greenway boundaries. Provide for public access to the river only through and within the City parks or other properties intended for public access.

Implementation Measure 4.1.5.n Adopt performance and development standards, in accordance with Metro, to conserve, preserve, protect, and enhance fish and wildlife habitat within the fish and wildlife habitat conservation areas identified on Metro's water quality and flood management area map and Habitat Conservation Areas Map.

Implementation Measure 4.1.5.o Adopt Metro's Habitat-Friendly Development Practices, which provide a method of developing property that protects natural resources and focuses on land development and site design that mimic natural processes. The design and construction practices include the following categories:

1. Minimize hydrologic impacts
2. Minimize impacts on wildlife corridors and fish passage
3. Protect and enhance native landscaping

Implementation Measure 4.1.5.p Require compliance with Oregon Department of Fish and Wildlife (ODFW) seasonal restrictions for in-stream work. Limit development activities that would impair fish and wildlife during key life-cycle events according to the guidelines contained in ODFW's "Oregon Guidelines for Timing of In-water Work to Protect Fish and Wildlife Resources."

Implementation Measure 4.1.5.q The Administrative Review, Variance and mitigation procedures within the Development Code may be used to consider claims of map error and unique hardship, to assure that the standards do not render any legal tax lot to be unbuildable by application of requirements for natural resource protection.

Implementation Measure 4.1.5.r Continue to regulate development in potential disaster and hazard areas to minimize risks to life or property.

Implementation Measure 4.1.5.s Housing development, and any other development intended for human occupancy, shall occur, to the greatest extent possible, on lands designated for development that are free from flood hazard, severe soil limitations, or other hazards.

Implementation Measure 4.1.5.t Ensure adequate storm drainage.

Implementation Measure 4.1.5.u Define risks of development by using Federal Emergency Management Agency maps showing flood plains and floodways. Restrict buildings in the flood plains and prohibit buildings in the floodway.

Implementation Measure 4.1.5.v Require engineering where necessary to minimize the potential effects of natural hazards.

Implementation Measure 4.1.5.w Require all future utilities to be placed underground, other than storm drainage facilities.

Implementation Measure 4.1.5.x Provide available information, when requested, to those interested in developing land in areas of the following hazards:

- a. 100 year floods;
- b. slides and earthquake damage; or
- c. wind damage, possible tree topping.

Implementation Measure 4.1.5.y Protect the Willamette River Greenway from incompatible uses or development activities, using the standards of the Greenway section of the Development Code.

Implementation Measure 4.1.5.z Riparian corridors, wetlands and wildlife habitat that are determined to be significant through the Goal 5 process shall be designated as one or more overlay zones on the City Zoning Map.

Implementation Measure 4.1.5.aa Protected natural resources within the Significant Resource Overlay Zone are intended to remain undeveloped with the possible exceptions of passive recreation and underground public facilities. These areas include the following:

- 1. Riparian corridors, wetlands and wildlife habitat that are determined to be significant through the Goal 5 process and are included in the Significant Resource Overlay Zone.
- 2. Water quality resource areas as defined by Metro's Title 3 of the Urban Growth Management Functional Plan.
- 3. Habitat Conservation Areas as defined by Metro's Title 13.

Implementation Measure 4.1.5.bb An Area of Limited Conflicting Use is defined as an area located between the riparian corridor boundary, riparian impact area or the Metro Urban Growth Management Functional Plan Title 3 Water Quality Resource Area boundary, whichever is furthest away from the wetland or stream and the outside edge of the SROZ or an isolated significant wildlife habitat area as defined by Goal 5. These areas can serve as a buffer between development and conservation. Limited development impacts may be permitted in accordance with special development standards found within the Planning and Land Development Ordinance.

Implementation Measure 4.1.5.cc Undeveloped portions of the Significant Resource Overlay Zone may be used towards satisfaction of open space requirements. A density transfer credit of not more than 50% of the designated Significant Resource Overlay Zone will also be allowed.

Implementation Measure 4.1.5.dd In vegetated areas, the positive visual impact of the trees, etc., is to be preserved. Any clearing of trees for development is subject to arboricultural standards and the requirements of the Planning and Land Development Ordinance.

Implementation Measure 4.1.5.ee Due to potential hazards to human health, the high voltage powerline easements within the City are regulated by the Planning and Land Development Ordinance. No residential structures shall be allowed within the easements and any development, particularly residential, adjacent to the easements will be carefully reviewed. While these corridors offer some potential for recreational use, their use is also

somewhat limited by utility requirements. Any proposed non-residential development within powerline easements shall also be coordinated with, and approved by, the Bonneville Power Administration or Portland General Electric Company, depending on the easement ownership.

Implementation Measure 4.1.5.ff To protect the integrity of the Willamette River Greenway, the City has established standards for the development of non-water-related and non-water-dependent uses consistent with Greenway standards. These standards:

- a. Direct incompatible (non-water-related and non-water-dependent) development away from the river.
- b. Establish a minimum setback from the top of bank where no native vegetation can be removed, and only allow selective vegetation removal within the remaining portion of the Greenway Boundaries with revegetation required.
- c. Establish a minimum setback from the river banks for all uses that are not appropriate river-dependent or river-related land uses.
- d. Provide protection of public and private property, as well as public safety.
- e. Provide necessary and needed public access to the river oriented through public lands, without precluding legal river access at appropriate locations across private property. Such public access shall be based upon recorded easements or other legal instruments.

Implementation Measure 4.1.5.gg Where possible, on-site drainage should be designed to preserve natural drainage channels and to allow for ground water infiltration. Man-made structures should be designed to complement the natural system. It is not the intent of this Measure to encourage unsightly and unsafe open ditches. Rather, open drainage systems should be designed to accent natural creeks and drainage channels and provide an attractive natural area-like appearance.

Implementation Measure 4.1.5.hh Minimize the impact of urban development on adjacent rural and agricultural lands. A combination of open space and low density land use designation may be employed.

Implementation Measure 4.1.5.ii The design of developments within the community can be regarded from two viewpoints: the design of structures as they relate to site and function (architectural design) and, their relationship to the surrounding area (community design). Both aspects shall be considered to be of equal importance. Good architectural design is necessary to provide visual variety and allow for individual identity. At the same time, good community design provides a sense of unity with other development while eliminating conflicting appearances.

Implementation Measure 4.1.5.jj All proposed developments, except single family dwellings outside of designated significant natural resource areas, shall continue to be subject to site plan (including landscaping) and architectural development review approval. Single-family subdivisions are subject to development review for approval of street tree plans.

Individual (single-family) dwellings to be located within a designated significant natural resource area are subject to site plan review for removal of trees and vegetation and impacts to natural resources. They are not, however, subject to architectural review.

Implementation Measure 4.1.5.kk Minimum open space and landscaping standards have been established, emphasizing the incorporation of native vegetation and unique topographic features in site design. Additional landscaping may be required based on the scale and type of development and its compatibility with abutting land uses.

Implementation Measure 4.1.5.ll Landscaping and/or open space may be used to buffer non-compatible uses. It is intended to soften the visual impact and provide a sense of openness and should be used to complement good building designs and may be used to screen certain types of development.

Implementation Measure 4.1.5.mm Sign standards have been established to control the visual impact of signs on the community and minimize sign clutter.

Implementation Measure 4.1.5.nn The City shall coordinate with and encourage the State and other appropriate agencies to assist in developing noise controls and mitigation measures.

Implementation Measure 4.1.5.oo Industrial and other potential noise generating activities will be located and designed so as to minimize noise conflicts with adjacent uses. The City will cooperate with DEQ and ODOT in establishing and where practicable assisting in enforcing noise control standards.

Implementation Measure 4.1.5.pp In reviewing all major residential, commercial, industrial and public facility uses, the City shall coordinate with DEQ to insure compliance with the Portland AQMA Plan and standards as well as other applicable regional, State and Federal air, water and environmental quality standards.

Implementation Measure 4.1.5.qq The City will further cooperate with the appropriate State and Federal agencies for enforcement of air, water, noise and other environmental quality standards.

Implementation Measure 4.1.5.rr The City recognizes that historic features form a desirable link with the past and that they form a vital part of and contribute to the overall character of Wilsonville. The City, therefore, will cooperate with the Wilsonville Historical Society, the State Historic Preservation Office, Clackamas County and other interested parties to evaluate and identify potential historic sites and structures and proceed with the Goal 5 process. The City shall determine which sites and structures, if any, are suitable for inclusion on the Plan Inventory and will contact the owners of potentially historic properties to determine whether they object to having their properties listed.

COMPACT URBAN DEVELOPMENT

Several hundred acres of the Metro Urban Growth boundary are affected by the directives of the Villebois Village Concept Plan (Ordinance No. 533). These properties, bounded generally on the north by Tooze Road, west by Grahams Ferry Road, south by the Metro Urban Growth Boundary at Brown and Evergreen Roads, and east to the current City western boundary, can be designated “Residential-Village” on the Comprehensive Plan Map.

Including Dammasch State Hospital property, development and redevelopment will integrate a mixed-use land pattern that combines natural resources, transportation facilities and land uses to create over 2300 residential units that are configured around three neighborhood areas.

The Residential-Village Plan Map Designation fulfills and replaces the intent of previous Comprehensive Plan language that addressed this portion of the City as Special Area of Concern B on the Comprehensive Plan Map. A Residential-Village Plan Map designation carries additional requirements and implementation tools as described below.

The City’s “Village” Zone District will implement this area’s development. The Villebois Village Master Plan will direct necessary infrastructure improvements. The Significant Resource Overlay Zone District will govern how identified natural resources are integrated under the Concept Plan.

Specific development proposals will be guided and directed by “specific area plans” and pattern books. In many cases a development proposal will be reviewed by the City’s Development Review Board for conformance with development requirements for this area.

Policy 4.1.6 Require the development of property designated “Residential-Village” on the Comprehensive Plan Map to create livable, sustainable urban areas which provide a strong sense of place through integrated community design, while also making efficient use of land and urban services.

Implementation Measure 4.1.6.a Development in the “Residential-Village” Map area shall be directed by the Villebois Village Concept Plan (depicting the general character of proposed land uses, transportation, natural resources, public facilities, and infrastructure strategies), and subject to relevant Policies and Implementation Measures in the Comprehensive Plan; and implemented in accordance with the Villebois Village Master Plan, the “Village” Zone District, and any other provisions of the Wilsonville Planning and Land Development Ordinance that may be applicable.

Implementation Measure 4.1.6.b The Villebois Village Master Plan shall contain the following elements:

1. An integrated plan addressing land use, transportation, utilities, open space and natural resources.
2. Direction for cohesive community design based on sustainable economic, social and environmental principles; pedestrian and transit friendly principles; mitigation of

traffic impacts; and enhanced connectivity within proposed development as well as to the remaining Wilsonville environs.

3. Identification of opportunities for employment and services within a village core area to reduce vehicle trip lengths.
4. Incorporation of designs or an indication of where those designs shall be developed that will implement Villebois Village Concept Plan principles of innovative rainwater management, aesthetic vistas, nature corridors and pathways, active and passive parks, wildlife corridors, protection of trees, wetlands, and other sensitive natural resources.
5. Identification of how the properties will accommodate a mix of housing types and densities so that an ultimate buildout of over 2300 housing units is accommodated.
6. Direction for provision of community housing consistent with Oregon Revised Statute 426.508.
7. Identification of architectural patterns and types, creating neighborhoods that encourage bicycle and pedestrian travel, human interaction, and appreciation for natural features and systems.

Implementation Measure 4.1.6.c The “Village” Zone District shall be applied in all areas that carry the Residential-Village Plan Map Designation.

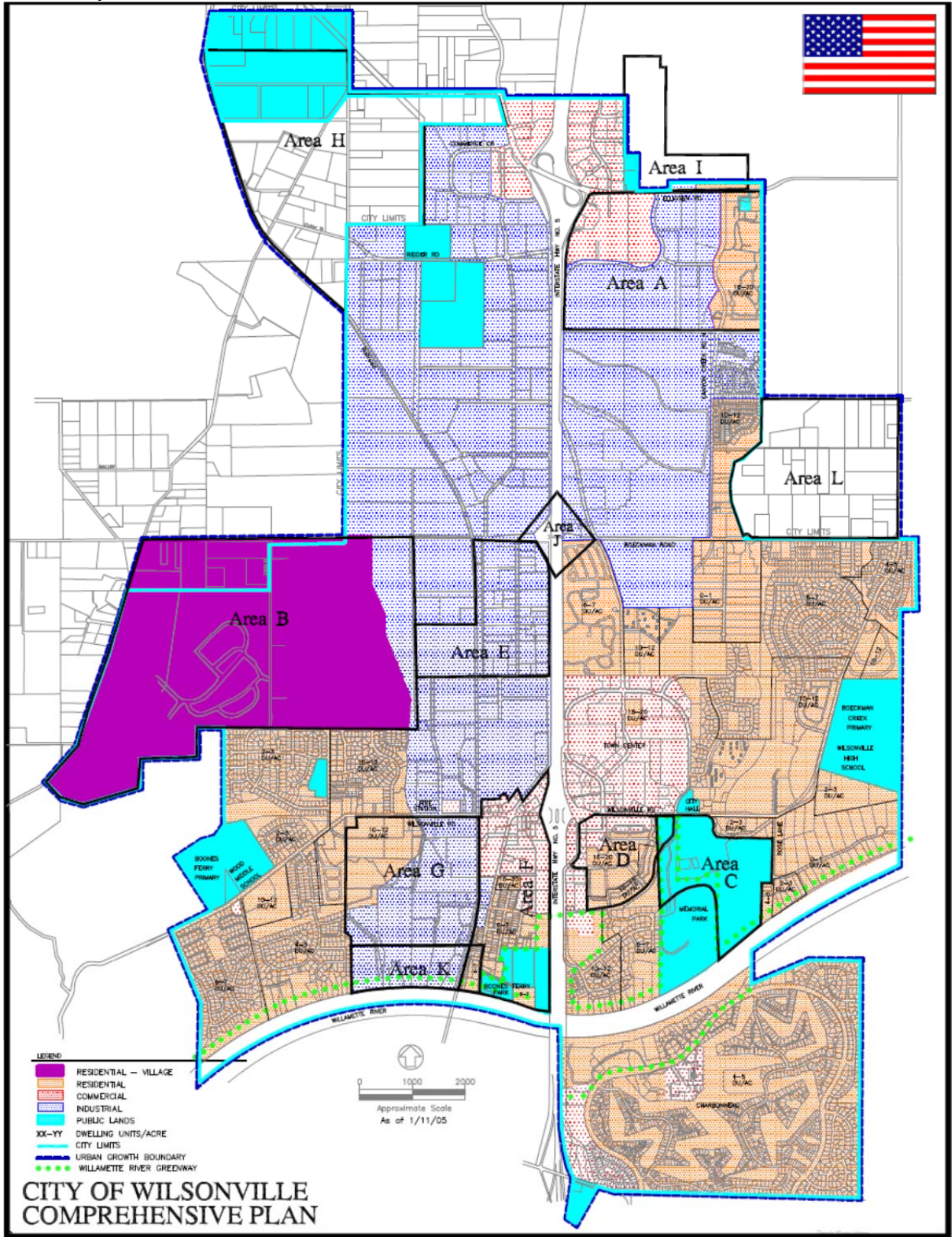
Implementation Measure 4.1.6.d The “Village” Zone District shall allow a wide range of uses that benefit and support an “urban village,” including conversion of existing structures in the core area to provide flexibility for changing needs of service, institutional, governmental and employment uses.

[*Compact Urban Development* added per Ordinance No. 554, June 2, 2003.]

THE PLAN MAP

The Plan Map represents a visual illustration of the general land use concepts presented in the Plan. It establishes a basic land use pattern by allocating specific areas or districts to various land uses, including residential, commercial, industrial, public and open space. The map illustrates a typical separation of uses, consistent with conventional zoning. However, the Plan text recognizes that certain combinations of uses can be beneficial and, therefore, language in the text provides for a mixing of those combinations through a Planned Development Review process. When interpreting the intent of the Plan, the text supersedes the map in the event of a conflict.

This Comprehensive Plan Map is dated January 11, 2005 and does not include amendments made to the Map after that date.



AREAS OF SPECIAL CONCERN

In reviewing and updating the Plan map, several areas of special concern were identified. It was felt that the general language in the text did not adequately address these concerns in these areas.

The following section includes specific language describing special considerations that must be addressed in development of these areas.

AREA A

This area is comprised of land in the southeast quadrant of the I-5/Stafford (Exit 286) interchange. The designated development for this area is a mixture of commercial, industrial, and residential activities, with the majority of the area designated as industrial park. While this is a logical land use pattern, generally conforming to the City's original General Plan goals and objectives, the potential impacts of these designations were considered great enough to warrant special attention.

Ideally, the entire area would be redeveloped under a common master plan, with a development agreement involving all of the property owners and the City. In fact, the various owners worked jointly with the City in developing the original designations on the Comprehensive Plan Map. Specific concerns for this area are related to transportation, land use, and environmental/community design issues. Each development of this area shall be consistent with or complimentary to the following objectives:

Transportation Objectives

1. Assure that congestion at the I-5/Stafford interchange, including conflicts between the freeway on-off ramps and Parkway Avenue, does not exceed the City's adopted level-of-service standards.

Environmental Resources and Community Design Objectives

1. Capitalize on special development opportunities provided by existing topography and natural vegetation. Concentrate sensitive residential uses in areas where privacy may be provided by natural vegetation and topographic variety.
2. Minimize the disruptive and incompatible impacts of the high voltage power lines which transverse the area. Housing should be located away from the power line easements. Less sensitive uses (e.g., short term parking/storage and open space) may effectively utilize areas adjacent to and within the power line easements.
3. Future development shall be designed and located so as to soften the intense appearance of large buildings or expanses of asphalt.

AREA B

[Deleted per Ordinance No. 554, June 2, 2003]

AREA C

This area is located between Memorial Drive and Rose Lane and south of Wilsonville Road. Considerable concern was expressed over the potential impacts of development on the low-density Montgomery Way area and also over potential traffic impacts on Rose Lane and Wilsonville Road.

Design Objectives

1. Provide low-density and/or open space buffers adjacent to existing large lot development.
2. Maximize the visual buffering effect of Boeckman Creek and associated vegetation by locating higher densities southwest of the Creek.
3. Provide a master plan for the development of the east side of Memorial Park and for the Boozier property that has been acquired by the City.

AREA D

This area is the site of the Village at Main Street development located south of Wilsonville Road and east of Parkway Avenue. The area is now undergoing commercial and residential development. The majority of the site is designated for residential development. The frontage of the area is designated for commercial development intended to create a vital village atmosphere. Concerns for this area are related to traffic, design, and use.

Design Objectives

1. Minimize direct access to Wilsonville Road. Primary access to this site shall be provided at signalized intersections to Wilsonville Road aligned with the Town Center Loop Road and the central access to the Town Center. An internal street network shall provide connectivity to and from Parkway Avenue, Memorial Drive, Rogue Lane, Holly Street, the library and the commercial frontage. Provisions for transit access and coordination with existing and planned pedestrian and bike pathways to the City library and City Park are also concerns in this area.
2. The predominant use of the site is intended to be residential. Commercial uses shall be located as designated on the Comprehensive Plan Map and shall be subject to careful design review for compatible and complementary design with the adjacent residential uses. Uses are intended to be convenience and neighborhood oriented to serve the local residents, but may include service commercial and office uses provided they are found to be consistent with the design objectives established in the Planned Development review process. Uses shall interrelate to each other to create a dynamic and vital sense of place. Buildings shall be oriented

- to each other and to court yards or plazas to facilitate connectivity. All commercial uses and buildings are subject to Development Review Board approval as part of the Stage I Master Plan and Stage II Site Development Plan.
3. Residential building design shall maintain human scale and provide a mix of public and private spaces resulting in a safe, healthful, attractive, and engaging community. Sign lines and visual reference points shall be created and/or enhanced throughout the site to strengthen the overall aesthetics of the development.
 4. The heavy stand of fir trees along the southern portion of the property shall be maintained, providing continuity in the vegetation line extending west from the City Park. A visual corridor and pedestrian/bikeway connection shall be provided between the residential areas and the park.
 5. The Village at Main Street development is recognized as a sub district of the Town Center. The core area is located immediately across Wilsonville Road. As such, the subject property creates an opportunity for a unique complementary relationship to the Town Center as a mixed use development. While not physically part of the core area of Town Center, the commercial portion of the Village at Main Street development shall be designed to function as a special sub district with a neighborhood or main street that complements the City's major commercial district. This also recognizes that the predominant use within the subject site is residential.
 6. As a special sub-district of the Town Center, the entire development shall be designed with a strong pedestrian orientation both internally and externally to the site. This is of particular concern within the commercial portion where there is an opportunity to create a less auto-dominated environment than has occurred within the Town Center. This special design orientation also recognizes the site's unique geographic location adjacent to the Town Center, City Library, City park and nearby City Hall which are all within easy walking distance. To create a vital pedestrian-oriented environment, the commercial development shall be designed with multiple linkages between storefronts and main doorways. While building sizes may vary, it is the orientation between buildings, store fronts, building entries, walkways and plazas that is of specific concern to maximize the pedestrian environment. Second story uses such as office and residential are also encouraged to strengthen the mix of use and activity within the center.

AREA E

This is the area planned for industrial use between Boeckman Road and Barber Street, from Boones Ferry Road to the railroad tracks. It also includes the property west of the railroad, immediately north of Barber Street, that has been identified as a potential commuter rail station and park-and-ride lot. The primary concerns for this area have been related to continuity in design and protection of the existing mobile home park.

The area has been previously divided into numerous small lots, many of which are in separate ownerships. For this reason, the opportunity to design development under a common master plan is minimized. Therefore, there is a potential for an uncoordinated patchwork development pattern to occur.

The Walnut Park mobile home park is also located in this area. While economics may ultimately force redevelopment of the park to industrial use, the life of the park can be prolonged through careful design considerations of surrounding development. Doing so will help to retain one of the City's affordable housing opportunities.

Design Objectives

1. Encourage consolidation of smaller lots to allow for master planning of large areas.
2. Provide buffers adjacent to the mobile home park, e.g., increased landscaped setbacks, or complementary uses.
3. Minimize traffic (truck) conflicts with residential activities, including pedestrians.
4. Provide an attractive and easily accessible park-and-ride facility in conjunction with a commuter rail station. If necessary to meet these objectives, prepare a master plan for the area around the selected commuter rail station site.
5. Determine the appropriate alignment for a road connecting 95th Avenue and Kinsman Road through this area.

AREA F

This area is situated west of I-5 and primarily, although not entirely, south of Wilsonville Road and includes commercial and residential properties in the Old Town neighborhood. It includes the existing retail centers, both north and south of Wilsonville Road, plus land to the south along both sides of Boones Ferry Road to the Willamette River. Future development applications in Area 'F' must address the design objectives listed below, as well as all other applicable Development Code requirements.

This Area of Concern specifically includes the "Old Town" area of the City. A portion of Old Town includes properties previously master planned as "Wilsonville Square 76." As a result of the West Side master planning effort, additional emphasis has been placed on creating a special

Old Town District (through overlay zoning), and reinforcing the appearance of the City's historic beginnings.

Existing development within Old Town includes a gas station, bank building, prior post office, the Old Methodist Church, the Wilsonville Primary School, apartments, a mini-storage facility, two historic commercial structures, a manufacturing facility, and two mixed-use commercial/industrial buildings, as well as many residential properties with varying densities. One of the mixed-use buildings was recently developed as the first historic replica facade envisioned for the Old Town District discussed below.

Through the planning effort that led to the preparation of the West Side Master Plan, additional emphasis has been placed on creating a special Old Town Overlay Zone. The purpose of the Overlay Zone is to reinforce the appearance of the city's historic beginnings and to create a unique commercial main street. The Old Town District is envisioned as a modern representation of the community's past, and is intended to promote compatibility of commercial designs with Old Town residential development and to create a functional main street.

By moving in the direction of recreating an "Old Town" it is recognized that the Wilsonville Square Plan is outdated, falling short of new design objectives. Therefore, there is a need for coordinated planning and broader based master planning that addresses all of the commercial development in Old Town, not just that on the east side of Boones Ferry Road.

The portion of Area 'F' that is north of Wilsonville Road includes properties between Boones Ferry Road and the freeway, the Riverwood Shopping Center at the northwest corner of Boones Ferry and Wilsonville Roads, and other properties to the north and west of the Riverwood Center. There has not been much continuity of design in this area in the past and access control is expected to be of increasing importance in the future as traffic congestion increases.

The Design Objectives listed below include provisions dealing with both commercial and non-commercial properties.

Design Objectives

1. Establish Old Town as a special overlay zoning district, with design criteria reflecting the character of Willamette Valley architecture that was prevalent between 1880 and 1930.
2. As noted above, not all of Area 'F' is within the Old Town Overlay Zone. Because of this, there are two different standards of review for new development proposals in the area. Require master planning (Stage I) coordinating access, circulation, and streetscape, linking both sides of Boones Ferry Road, for any proposed development as far south as 4th Street. For properties within the Old Town Overlay Zone, include architectural design and general building orientation within the Stage I review process. A "main street" pedestrian-oriented feel and look is the desired outcome of such coordinated design. In order for that to be accomplished, on-street parking will need to be provided wherever feasible in the Old Town area.

3. Coordinate public facilities, and in particular master planning of commercial accesses and circulation options, consistent with Old Town Overlay zoning regulations. These requirements apply to all properties in Area F.
4. Coordinate street improvements, including alternate routes to help relieve traffic impacts on Old Town neighborhood residents and on Wilsonville Road near the I-5 Interchange. The new coordinated access and circulation plan is intended, in part, to replace and expand upon the old local street plan set forth in the Wilsonville Square 76 Plan. Internal circulation is intended to provide flow-through access from site to site, not limited by property lines. However, such access need not be via dedicated public streets.
5. Maintaining reasonable access is an important factor in accommodating additional commercial development in this area. Commercial development will create additional traffic. Therefore, it will be necessary to balance maintaining an acceptable level of service and safety while providing reasonable and functional commercial access.
6. Almost all of the long-standing businesses in this area of the community are now in need of modernization or redevelopment, and may also be planning to expand. Therefore, allowing for appropriate remodeling and/or redevelopment of the existing commercial sites or buildings is a concern for the current owners of these properties. There needs to be flexibility allowed to accommodate normal modernization and even redevelopment of existing commercial operations while still making provisions for coordinated design, access, and circulation.
7. New development and redevelopment is expected throughout most of the old Wilsonville Square 76 area. Redevelopment of the school property and the Lowrie's property (on the west side of Boones Ferry Road) is also anticipated. The anticipated redevelopment plan for the school site includes stores fronting Boones Ferry Road. There is also an intent to preserve and remodel the old church on the east side of Boones Ferry Road as some form of public space.
8. Community members have expressed concern about the loss of the park and play facilities which were part of the historic school site. The City will seek ways to replace the recreational space and explore incentive mechanisms to protect and encourage enhancement of the historic residential character of the neighborhood, while preserving appropriate public open space.
9. Minimize the disruptive and incompatible nature of the railroad, which abuts this District. The City may consider pursuing a second commuter rail stop in or near Old Town, at such time as commuter rail service is extended south toward Salem. If a park & ride is added in this area, it will need to be sized and sited to be complimentary with the needs of the commercial district, without drawing unnecessary freeway traffic into the neighborhood.
10. Minimize non-residential traffic impacts south of 4th Street, while planning for improving the recreational potential of the Willamette River and Boones Ferry Park.

11. Allow flexible mixed-use development, including retail commercial, offices, service commercial and light industrial, residential, and public activities within the Old Town Overlay Zone. Limit the area of service commercial development based on traffic capacity.
12. Coordination of utilities and street locations, alignment, and connections will require cooperation among property owners. The City will need to work with private landowners and developers to deliver the desired outcomes.
13. Two-story buildings shall be encouraged along Boones Ferry Road in the Old Town area in order to add to the “Main Street” feel.

AREA G

This area, located west of the railroad tracks and south of Wilsonville Road, contains a mix of planned and existing uses. Existing uses in the area include a concrete plant, building products distribution, and an office building which also houses a church. There are several houses and barns towards the south end of the area. The rest of the area is currently farmed, and includes Coffee Lake Creek, which flows to the Willamette River in this area.

Wilsonville Concrete has conducted gravel and concrete operations at the south end of this area adjacent to the river since prior to the incorporation of the city. The plant is an aggregate resource-based operation that has relied upon the river for transport of raw materials, such as sand and gravel. Aggregate is not mined at the site, but it is brought there for processing. The continuing operation of the plant is important to meet the needs of the construction industry, which relies on the aggregate and concrete products. For that reason, there need to be provisions made to manage conflicts with neighboring uses and activities, while allowing for appropriate continued operations. At the same time, there will be a continuing need to provide for appropriate modernization, including environmental protection as the operation continues within an increasingly urbanized setting.

The owners of the concrete/gravel operation have taken steps to mitigate the effects of their operation on nearby residential development and to separate the truck traffic from their operation from non-industrial traffic. Operational changes at the site will need to be carefully considered in relation to other long-term uses planned for this area. Future planning will need to balance and mitigate conflicts between potentially non-compatible uses. Continued urbanization of this area creates some inherent potential conflicts for which there is a need for creative and cooperative solutions.

The extension of Kinsman Road, south to Industrial Way, and extension of Bailey and/or 5th Streets, west at least to Industrial Way/Kinsman, would improve access to and from Old Town. It would also provide a signalized intersection for the industrial truck traffic generated to the south. An extension from Kinsman Road, west to Brown Road, would further enhance access and circulation in this area, providing an alternative to Wilsonville Road, which is congested during rush-hour times.

Improved access into and through this area could actually result in conflicts between industrial truck traffic and general commercial and residential vehicles. These conflicts will be exaggerated if pedestrian paths and bikeways are not adequately separated from other street improvements. Such anticipated conflicts could increase resistance to the cooperation necessary in developing streets south of Wilsonville Road and west of the railroad tracks. Therefore, the City will likely need to participate in a cooperative public/private partnership.

The West Side Master Plan also acknowledged public desire for more recreational access along the riverfront, and supported commercial and residential mixed-uses along the river frontage, east of Wilsonville Concrete and west of the railroad. This would also bring more non-industrial traffic and use into the area, although the various ravines provide separation between some of those uses. It should also be noted that those ravines provide important natural resource benefits to the area and will necessitate special designs for bridges or other crossings.

A portion of Area 'G' adjacent to Wilsonville Road was previously designated for commercial use. However, this designation conflicted with the city's policy to avoid strip-commercial development. Therefore, that area was designated for industrial development in 1980. During the formulation of the West Side Master Plan, commercial and industrial activities were reconsidered. In particular, the frontage south of Wilsonville Road, just west of the railroad, was recommended to be zoned for offices as well as industrial uses.

Design Objectives

1. Require master planning (Stage I) of large areas to provide long-term protection of the concrete/gravel operation, accommodate the city's water treatment plant and associated water feature park, accommodate new compatible residential, industrial, and office development, and provide for continuity of design and coordination of uses. Note that residential development at moderate densities may be one alternative to other uses that would otherwise generate excessive traffic on Wilsonville Road.
2. Provide coordinated access and circulation that accommodates industrial development, minimizes conflicts with residential neighborhoods, provides an alternate route for Boones Ferry Road and Old Town, and that helps to minimize congestion on Wilsonville Road, particularly where capacity is limited.
3. The city shall work with property owners to identify appropriate street alignments that provide needed access and circulation while serving adjacent properties and Old Town.
4. Provide buffering along the western perimeter of the area for adjacent residential developments. Buffering can be provided by open space, walls, or berms; residentially sensitive buildings such as offices or light industrial; by visual barriers and sound control mechanisms and structures; or combinations thereof.
5. Maintain and enhance the aesthetic and environmental quality of Seely Ditch, Coffee Lake Creek, and the Willamette River.
6. Carefully limit incompatible uses in this area, while minimizing noise and air quality impacts on adjacent residential neighborhoods.

7. If possible, without damaging the viability of the railroad, minimize the disruptive and incompatible nature of the railroad, which abuts this area Pursue appropriate commuter rail service, which ultimately may extend south of Wilsonville.

AREA H

Note: the previous Area 8 has been replaced with Area H, dealing with the Day Road area, northwest of the current City limits, including the new State prison. This area is bordered by Clay and Day Roads on the north and railroad tracks on the west.

A master plan for this neighborhood will be needed to address property-owner concerns and mitigate the effects of the 110-acre prison development. The City is providing urban services to the prison prior to annexation, and expects to provide services to the entire area when it has been master planned and annexed.

AREA I

Note: the previous Area 9 has been replaced with Area I, dealing with the land along Elligsen Road, north of the current City limits. This area includes the Pheasant Ridge RV facility, a City water reservoir, and another 50 or more acres that are still in agricultural use. Interesting development proposals have been discussed for this area, including an amphitheater for outdoor concerts. However, the City has not yet approved a master plan for the area, and future uses are uncertain.

The development of Area I will need to be coordinated with the redevelopment of the old Burns Brothers property, south of Elligsen Road, because of traffic issues in close proximity to freeway interchange #286.

AREA J

The City has long viewed the Boeckman Road crossing of I-5 as a suitable location for construction of an interchange with I-5. However, the City also recognizes that I-5, being an interstate freeway, has state and national functions which may have to be balanced-with local interests. The Oregon Department of Transportation (ODOT) has authority along with the Federal Highway Administration for the design, construction, and operation of I-5. Only recently has ODOT agreed to work with the City to study the feasibility of a Boeckman Road interchange.

The land between the Wilsonville Road / I-5 and the North Wilsonville-Stafford Road / I-5 Interchanges was planned initially with a transportation system which included an interchange at Boeckman Road. The City and ODOT will be evaluating all aspects of need, as well as preliminary interchange design for Boeckman Road at I-5. There are many potential impacts on surrounding land use patterns and other aspects of the local transportation network that will depend on the outcome of the study of interchange feasibility for Boeckman Road at I-5.

As viewed by the City, the rationale for an interchange at this location is at least threefold. (1) Interchange congestion could be reduced by distributing the number of trips among three rather than two interchanges, (2) traffic associated with development allowed by the Wilsonville Comprehensive Plan in the vicinity of Boeckman Road (and especially the Dammasch area, noted in 'D,' above) could be expedited more effectively, and (3) options for improving traffic upon other roadways serving the City of Wilsonville could be enhanced. The City recognizes that if item three is verified, then the improvement to I-5 at Boeckman Road may be viewed by ODOT as a local improvement which is inconsistent with the purpose of the interstate freeway. This may be sufficient or additional reason for ODOT to reject the interchange.

Because of these, and perhaps other, benefits to the City, the City Council has chosen to highlight the City's interest in this potential project by including this special section in the Comprehensive Plan. The City will continue to cooperate with other interested parties to conduct feasibility analyses of a Boeckman Road interchange. As appropriate, City consultants, staff, the Planning Commission and City Council will conduct reviews and hold public meetings on the options.

In the event that the City determines, with ODOT's concurrence, the feasibility of the interchange, the City will proceed with a plan amendment to add the Boeckman Road interchange to the Transportation Systems Plan. In the event this project is to be included in the City's Plan, the City will prepare amendments necessary to include in the Plan the other roadways required to complete the City's transportation network. In this regard, the City realizes that, because a Boeckman Road interchange can only be implemented with the cooperation of ODOT. The City will need to obtain agreement from ODOT demonstrating compliance with state and federal regulations pertaining to the addition of new interchanges before the proposed Boeckman Road interchange can be included in the City's Transportation Systems Plan and capital improvement plans.

AREA K

Note: Area K, land along the Willamette River, west of Boones Ferry, has been designated in the West Side Master Plan for river-focused development. Text applying to this Area of Special Concern will be completed when the Natural Resource Plan has been adopted.

AREA L

This area is located north of Boeckman Road, south of Frog Pond Lane, west of Wilsonville (Stafford) Road, and east of Boeckman Creek. It contains a mixture of rural-residential and small agricultural uses. Eventual redevelopment of the area is expected to be primarily residential. The West Linn – Wilsonville School District and a church have acquired property in the area, causing speculation that redevelopment with full urban services could occur prior to 2010. In fact construction of a new church has already commenced at the corner of Boeckman Road and Wilsonville/Stafford Road.

The existing development patterns, and values of the existing homes in the Frog Pond neighborhood are expected to slow the redevelopment process. Most of the land-owners in the area have expressed little or no interest in urban density redevelopment. The Metro standard for urbanizing residential land is an average residential density of at least 10 units/acre. Those densities may not appeal to many of the current residents of the area who live in large homes on lots with acreage. In view of the School District's plans to construct a school within the neighborhood, the City must prepare plans to serve the new school and the surrounding area.

HISTORIC SITES OR FEATURES

NOTE: information on the historical sites survey, including that generated in 1999, has been moved to the background inventory until the Goal 5 process has been completed.

The City will coordinate its review of land development proposals with the local historical society when any uses are proposed that could have an adverse impact on listed historical features.