

# City of Sandy URBAN GROWTH BOUNDARY EXPANSION ANALYSIS

Prepared by the City of Sandy Planning Department

# **Revised Draft Report**

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# **Overview of Report**

This report is the second part of the Urbanization Study adopted by the Sandy City Council in February, 2015 (Ordinance 2015-01). The 2015 Urbanization Study identified a need for additional residential and employment lands to meet the projected demand for the next twenty years (2014-2034). The purpose of the current study is to detail how the City of Sandy plans to address the identified land need and to identify where the city's urban growth boundary (UGB) will be expanded in compliance with Statewide Planning requirements. The study examines twenty analysis areas to identify possible expansion areas and recommends a single preferred expansion alternative. The maps contained in this study are based on information received from Clackamas County dated, January 2016.

# **Regulatory Framework**

The State of Oregon, Clackamas County, and the City of Sandy all have policies and rules to direct when, where, and how to expand the UGB. The following lists the various pieces of this regulation framework.

# State of Oregon

- Goal 9: Economic Development

Oregon Administrative Rule, Division 9

- Goal 10: Housing

Oregon Administrative Rule, Division 8

- Goal 14: Urbanization

Oregon Revised Statute 197.298: Priority of land to be included within UGB Oregon Administrative Rule 660 Division 24, Urban Growth Boundaries

- Oregon Administrative Rules 660-024

#### Clackamas County

- Clackamas County Rural Comprehensive Plan
- Urban Growth Management Agreement (between Clackamas County and Sandy)

#### City of Sandy

- Sandy Comprehensive Plan
- Local Factors

## **Need for Expansion**

Statewide Planning Goals require cities to provide a twenty-year supply of buildable land within urban growth boundaries. As identified on Table S-7 of the adopted Urbanization Report, the city has an identified need for an additional 276.8 buildable acres of low density residential land, 4.5 buildable acres of medium density residential land, and 51.8 buildable acres of commercial land. This study also identified a surplus of land to accommodate the projected need in the high density residential and industrial comprehensive plan designations.

# **Organization of the Report**

The report is organized into four chapters and three appendices. Maps associated with the study are included at the end of each chapter as referenced in the report. The following provides a summary of the chapters and appendices included in this study and how they address and relate to the expansion analysis:

**Chapter 1 – Study Background,** identifies the preliminary study area and explains how the study area used in this report was derived. This chapter also summarizes state law and local policies related to expanding the UGB.

**Chapter 2 – Study Area Analysis,** describes the methodology used to evaluate all properties within the identified study area. The chapter starts by describing each of the evaluation factors used in the analysis and then provides a detailed analysis of each of the 20 analysis areas used in this study.

**Chapter 3 – Expansion Alternative**, details the recommended UGB expansion alternative including recommendations for modifications within the existing UGB.

**Chapter 4 – Expansion Alternative Justification and Findings**, reviews relevant state laws and administrative rules related to the proposed expansion alternative and provides legal findings to address applicable Statewide Planning Goals.

**Appendix A – Property Evaluation Scores**, presents the property evaluation scores for all properties in the study area.

**Appendix B – Evaluation of Sanitary Sewer and Water Serviceability**, presents the detailed water and sewer serviceability analysis completed by the City Engineer used to evaluate the cost of providing these services.

**Appendix C – Review of Public Involvement and Comments**, provides a review of public involvement and comments received during development of the recommendations in this document.

# **Chapter 1. Study Background**

# **2015 Urbanization Analysis Summary**

The 2015 Urbanization Study found that Sandy needs land for approximately 3,180 new dwelling units between 2014 and 2034. As currently configured the existing 2,436 acre Urban Growth Boundary (UGB) is estimated to provide the capacity to accommodate only 2,293 dwelling units during that time period, leaving a shortfall of 887 dwelling units. This study also found that Sandy needs land for approximately 3,719 new employees between 2014 and 2034, leaving a deficit in commercial employment lands.

Table 1.1 shows an estimate of land needs by land-use type within the existing UGB for the planning period as determined in the 2015, Urbanization Study.

| ole 1.1. Estimate of Land Needs by | Land OSC Type, 2014 2  |
|------------------------------------|------------------------|
| Land Use Type                      | Gross Acres Land       |
| Land Ose Type                      | Need Surplus (deficit) |
| Low Density Residential            | (276.8)                |
| Medium Density Residential         | (4.5)                  |
| High Density Residential           | 13.9                   |
| Commercial                         | (51.8)                 |
| Industrial                         | 45.0                   |
|                                    |                        |

Table 1.1: Estimate of Land Needs by Land Use Type, 2014-2034

■ Land Deficits: 276.8 acres of low density residential, 4.5 acres of medium density residential, and 51.8 acres of commercial land (45.7 acres of retail/service land, and 6.1 acres of government land).

(333.1)

Land Surplus: 13.9 acres of high density residential and 45.0 acres of industrial land.

# **Identify Preliminary Study Area**

OAR 660-024-0065 requires cities to establish a "preliminary study area" prior to evaluating alternative locations to include within a "study area". The preliminary study area is required to include the following:

All lands in the city's existing urban reserve boundary, if any;

**Total Land Needs** 

- All lands within <u>one mile</u> of the UGB (cities with a UGB population equal to or greater than 10,000); and,
- All exception lands (rural residential, commercial, and industrial lands) greater than one and one-half miles from the UGB (cities with a UGB population equal to or greater than 10,000) that are contiguous to an exception area within the one mile distance identified above.

Map 1 shows the preliminary study area based on the requirements of this administrative rule. The preliminary study area contains approximately 10,760 acres of which 2,290 acres are located in the city's adopted Urban Reserve Area (URA). As shown on this map, exception lands are scattered around the perimeter of the URA with the greatest concentration of these lands located in the eastern and northern regions of the preliminary study area.

# **Evaluation of Preliminary Study Area**

OAR 660-024-0065 (2) allows a city that <u>"initiated the evaluation or amendments of its UGB prior to January 1, 2016"</u> to choose to identify a preliminary study area by applying the standard described above. This section specifies for such cities that the preliminary study area shall consist of, "all land in the city's acknowledged urban reserve..." The city of Sandy initiated the evaluation of its UGB by sending a PAPA notice to the Department of Land Conservation and Development in October 2014 and adopting an Urbanization Study in February, 2015. The city also has an urban reserve boundary acknowledged in 1997. The city believes it clearly meets the requirements of Section (2) and prefers using the acknowledged Urban Reserve Area as the study area.

If a city does not qualify for this exclusion or chooses not to identify its study area according to Section (2) described above, OAR 660-024-0065 (4) and (7) allows cities to exclude certain lands from the preliminary study area based on the following factors:

- Land that is subject to significant development hazards including landslides and flooding;
- Land that is impracticable to provide necessary public facilities or services;
- Land that is isolated from existing service networks by physical, topographic, or other impediments that makes servicing such land impracticable within the 20 year planning period;
- Land that is isolated by major rivers or water bodies that would require new bridge crossings to serve urban development;
- Land with topographic features such as canyons or ridges with slopes exceeding 40 percent and vertical relief of greater than 80 feet; and,
- Land with significant scenic, natural, cultural or recreational resources.

In order to determine which lands should be excluded from the preliminary study area, Map 2, Evaluation of Preliminary Study Area, was prepared. This map contains all lands identified in the Preliminary Study Area in addition to the following GIS layers: Landslide Deposit and Scarp Flanks (DOGAMI), Slopes 25 percent or greater (Clackamas County), Stream and Waterbodies (Clackamas County), and the location of BPA easements (BPA).

Map 2 shows that properties to the east of the existing UGB are characterized by landslide deposits, significantly steep slopes and the Sandy River which severely limit development potential in this area. Properties in this area contain significant development hazards, potential flooding from the Sandy River, potential bridge crossings to access these properties, significant scenic and natural resource amenities, and severe limitations to providing public facilities. For these reasons all properties outside the existing Urban Reserve in the eastern portion of the preliminary study area have been excluded from the final study area.

Properties to the south of the UGB are bisected by a number of drainages including Tickle Creek and its tributaries and the tributaries of Deep Creek that flow in a generally northwesterly direction. This area is also bisected by a BPA powerline easement and landslide deposits that extend across the majority of exception lands in this area. The southwestern portion of the preliminary study area is also bisected by the BPA powerline easement and landslide deposits which severely limit development potential in this area. The south and southwestern portions of the preliminary study area are also impracticable to serve with sanitary sewer within the planning period due to topographic limitations relative to existing infrastructure. Due to the considerable distance from existing facilities and the noted development hazards, all lands outside the Urban Reserve Area in the southern and southwestern portions of the preliminary study area have been excluded from the final study area.

The northern portion of the preliminary study area does not contain the same topographic and natural resource constraints as the other areas of the preliminary study area. This area is bisected by a BPA powerline easement and as shown on Map 11, it also contains a high concentration of large lot EFU zoned properties. Because of its relative gentle slopes, this area contains some of the most productive farm land within the entire preliminary study area. Other features located just outside the URA include the Everfresh Fruit Company recently expanded corporate headquarters and processing facility and a large existing residential subdivision (Mountain Shadows). The location of existing sanitary sewer service within the existing city limits provides a limiting factor due to the high cost of serving development in the northern area. With these factors in mind, all areas outside the URA in the northern portion of the preliminary study area have been excluded from the final study area.

# **Sandy River Park**

OAR 660-024-0065 (3) allows cities to limit the study area if the primary purpose is to accommodate a specific public facility such as a park and only a small number of locations in the preliminary study area exist to accommodate this need. The Sandy River Park located directly to the east of the existing UGB is one such area. The city of Sandy purchased this 114.5 acre passive recreation park in 2003. The site characteristics of this property are unique in the Preliminary Study Area in that the location of this property allows for public pedestrian access from the city proper to the Sandy River. In May 2012, the voters of the city of Sandy approved annexation of this property and subsequently the property was zoned Parks and Open Space (POS) by the Sandy City Council restricting the area from further development. The City Council adopted a master plan for the Park on May 7, 2012.

# **Final Study Area**

Based on the preliminary study area adjustment factors allowed in Sections (4) and (7) and the public parkland allowance in Section (3), a Final Study Area was identified as shown on Map 3. Section (5) requires the city to adjust the study area, if necessary, so that it includes an amount of land at least twice the amount needed to meet the identified deficiency. The study area identified in this study includes all lands within the existing URA and the Sandy River Park property and contains about 2,417 acres, approximately seven times the needed area of 333.1 buildable acres. The final study area used in the study contain a sufficient area to meet the

identified need with the planning period. The conceptual Comprehensive Plan designations adopted during the city's 2040 Plan Update are shown on this as a guide in developing a preferred alternative.

# **Study Area Evaluation**

As outlined in OAR 660-024-0067, the next step in the process is to evaluate the suitability of all lands within the study area for inclusion in an expanded UGB. As noted above, the study area contains all land within the city's currently adopted URA and the Sandy River Park. The Sandy River Park property and a few properties between the park and the existing UGB are included in the study area, however because this area cannot be developed except for passive recreation these properties are not included as contributing to meeting the projected need. As described in detail in the next chapter, the entire Final Study Area except for the Sandy River Park was divided into smaller units of land referred to in the study as "analysis areas".

The following definitions are used throughout the remainder of this study:

- Urban Reserve Area (URA): The area outside the current UGB and within the adopted urban reserve boundary. The City adopted its urban reserve boundary during the 2040 Comprehensive Plan Update in 1997 (Ordinance 10-1997 adopted October 20, 1997).
- Analysis Areas: A grouping of tax lots and properties sharing similar characteristics and geographic proximity used in this study to evaluate the suitability of land for inclusion into the UGB.
- <u>Preferred Alternative:</u> Parcels proposed to be included in an expanded UGB including changes to comprehensive plan and zoning designations of parcels in the existing UGB to meet the identified need.

#### **Goal 14 Location Factors**

OAR 660-024-0067 details the process for evaluating land in the Final Study Area to be included in the expanded UGB. Subsection (1)(c) states, "if the amount of suitable land in a particular priority category under section (2) exceeds the amount necessary to satisfy the need deficiency, the city must choose which land in that priority to include in the UGB by applying the criteria in section (7) of this rule". Section (7) requires the city to apply the boundary location factors of Goal 14 and then apply applicable criteria in the city's Comprehensive Plan and land use regulations. As noted above, the identified study area contains more than seven times the land area required to satisfy the identified need.

The four Goal 14 location factors for evaluating properties to include in the expanded UGB include:

- Factor 1. Efficient accommodation of identified land needs;
- Factor 2. Orderly and economic provision of public facilities and services;
- Factor 3. Comparative environmental, energy, economic and social consequences; and,
- Factor 4. Compatibility of the proposed urban uses with nearby agricultural and forest activities occurring on farm and forest land outside the UGB.

OAR 660-024-0067(2) identifies the priority of land for inclusion in a UGB. This includes in order of preference:

- 1. Urban reserve, exception land, and nonresource land;
- 2. Marginal lands designated pursuant to ORS 197.247;
- 3. Farm and forest land; and,
- 4. Agricultural land.

# Sandy Comprehensive Plan Policies

The Sandy Comprehensive Plan is the primary local policy document guiding expansion of the UGB. The relevant policies of this document are listed below.

#### Goal 5 - Open Spaces, Historic Resources, and Natural Resources

#### **Natural Resources**

- 2. Significant natural features within the planning area shall be identified and inventoried by the City or through the development process. These shall include:
  - major natural drainageways, wetlands, and flood plains
  - lands abutting the Sandy River
  - land with significant native vegetation
  - ecologically and scientifically significant natural areas
  - outstanding scenic views; and
  - lands that provide community identity
- 3. Natural features and areas determined to be significant shall be preserved or have their losses mitigated. The City may place conditions upon development of such lands, private non-profit efforts, and city, state, and federal government programs to achieve this objective.

#### **Open Space Policies**

6. Identify and inventory open space corridors within the Sandy urban growth area. Open space shall include lands useful for fish and wildlife habitat, trails, public access to natural resource lands and water, and protection of environmentally sensitive areas. Wherever possible, open space areas identified for protection shall be preserved though the application of constrained open space standards, through conservation easements, or through other similar methods.

#### **Stream Corridor Protection Policies**

- 11. Designate and map approximate areas of known stream corridors, wetlands, and associated buffers.
- 13. Require activities which use stream corridors and associated buffers to be compatible with the preservation of stream corridor functions and values. These activities include, but are not limited to, private and public development, recreation, and surface water management.

14. Allow development density on parcels constrained by stream corridors and associated buffers to be transferred to other portions of the development site or to immediately adjacent sites, but only for that portion of the site which is permanently dedicated as open space.

#### Goal 7 - Natural Hazards

- 1. Designate and map areas of steep slopes (25% or greater) and other known hazard areas.
- Require development and construction activities which occur on steep slopes, hazard sites, and their required buffers to be in accordance with development standards for such sensitive areas.
- Allow development density on parcels constrained by steep slopes or hazard areas to be transferred to other portions of the development site or to immediately adjacent sites, but only for that portion of the site which is permanently preserved as open space.

#### **Goal 9 – Economic Development**

#### Commercial

1. The City of Sandy shall ensure, at each periodic review, an adequate supply of land to meet the forecast 20-year commerce and service needs of the city's residents and trade area.

# Goal 10 - Housing

1. Assure an adequate supply of developable land for low, medium, and high density housing to meet the 20-year population projections.

#### **Goal 11 - Public Facilities and Services**

#### Utilities

- 6. Annex no lands that cannot feasibly be served with water and sewer services.
- 7. Prohibit the use of new sanitary sewage pump stations unless:
  - a) Gravity sewer cannot be extended to serve the site for site-specific reasons such as topography or other physical constraints; or
  - b) The site is located within a drainage basin identified in the Sandy Sewer Master Plan as an area to be served with public pump stations.

#### **Goal 12 - Transportation**

1. Support a pattern of connected streets, sidewalks, and bicycle routes to: a) provide safe and convenient options for cars, bikes, and pedestrians; b) create a logical, recognizable pattern of circulation; and, c) spread traffic over local streets so that collector and arterial streets are not overburdened.

#### Goal 14 - Land Use and Urbanization

#### **Urbanization Policies**

- Maintain an urban growth boundary with sufficient residential, commercial, industrial, and public use lands necessary to support forecast population and employment for a 20year horizon. The City will evaluate and update the 20-year land supply at each periodic review plan update.
- 2. Urban growth should be directed in a generally contiguous manner consistent with the city's ability to economically maintain and extend public services and facilities.
- 3. The City of Sandy shall encourage the development of land according to the following priorities:
  - a) Vacant, buildable lands or underutilized lands located within developed or developing areas.
  - b) Lands contiguous to development areas where services can be easily and economically extended.
  - c) Lands which are significantly separated from developing areas by vacant land, or areas which would place an undue burden on the city's infrastructure.

# **Coordination with Clackamas County**

- 4. An Urban Growth Boundary (UGB) and Urban Reserve Area (URA) shall be jointly adopted by the City of Sandy and Clackamas County. Procedures for coordinated management of the unincorporated lands within the UGB and URA shall be specified in an intergovernmental agreement adopted by the Sandy City Council and the Clackamas County Board of Commissioners.
- 5. The designated URA identifies the priority lands to include within the Sandy UGB to meet projected growth needs to the year 2040.
- 6. Designated URA lands will be considered for inclusion within the UGB on a phased basis, primarily at periodic review. Legislative amendments to the UGB shall be large enough to facilitate cohesive neighborhood framework planning and efficient provision of public facilities. Property owners inside the urban reserve boundary were given the opportunity to request that land within the designated URA be included or excluded from the Sandy UGB expansion alternative.
- 7. The City of Sandy shall have the lead role in designating planned land uses and densities for incorporated and unincorporated lands within the UGB and the URA. The Comprehensive Plan shall constitute the comprehensive plan for all land within the Urban Growth Boundary and Urban Reserve Area.
- 8. The City of Sandy shall have the lead role in coordinating public facility planning (streets, sanitary and storm sewers, water, parks and open space, schools) within the UGB and the URA.
- 9. County zoning shall apply to unincorporated lands within the UGB and URA until annexation to the City of Sandy.
- 10. The City of Sandy shall coordinate with Clackamas County to protect trees on property that is outside the City limit but within the City's UGB.
- 11. Clackamas County shall have the lead role in processing land use and development applications for unincorporated lands within the UGB and URA.

- 12. The City of Sandy will support development within the areas outside the city limits but within the Sandy Urban Growth Boundary or Urban Reserve Area based on the following standards and restrictions:
  - a) County zoning in effect at the time of adoption of the Urban Reserve Area will be frozen until the unincorporated land is included within the UGB and annexed for urban development.
  - b) New commercial and industrial uses will generally be discouraged outside the City limits and within the UGB or within the Urban Reserve Area.
  - c) Agricultural and forest uses will be allowed in accordance with Clackamas County zoning.
  - d) The City and County shall coordinate plans for interim rural residential development within the designated Urban Reserve Area. The following strategies will be used to ensure that interim rural development does not inhibit long-term urbanization of lands within the Sandy UGB and Urban Reserve Area:
    - 1) shadow plats
    - 2) cluster development
    - 3) redevelopment plans
    - 4) non-remonstrance agreements or deed restrictions for annexation and provision of urban facilities

# Clackamas County and the City of Sandy UGMA

The Urban Growth Management Agreement (UGMA) jointly adopted by Clackamas County and the City of Sandy in 2001 contains language related to the UGB and URA.

#### IV. Boundaries

C. Amendments to the City's and County's Comprehensive Plans which modify the Urban Growth Boundary or Urban Reserve Area shall be deemed incorporated into this Agreement. An amendment proposed to the City's UGB or URA shall be a coordinated city-county effort with adoption by both city and county. The county shall not consider adoption of any City UGB or URA amendment unless adopted by the city first. The city shall be responsible for initiating all legislative amendments.

# **Efficiency Measures in Existing UGB**

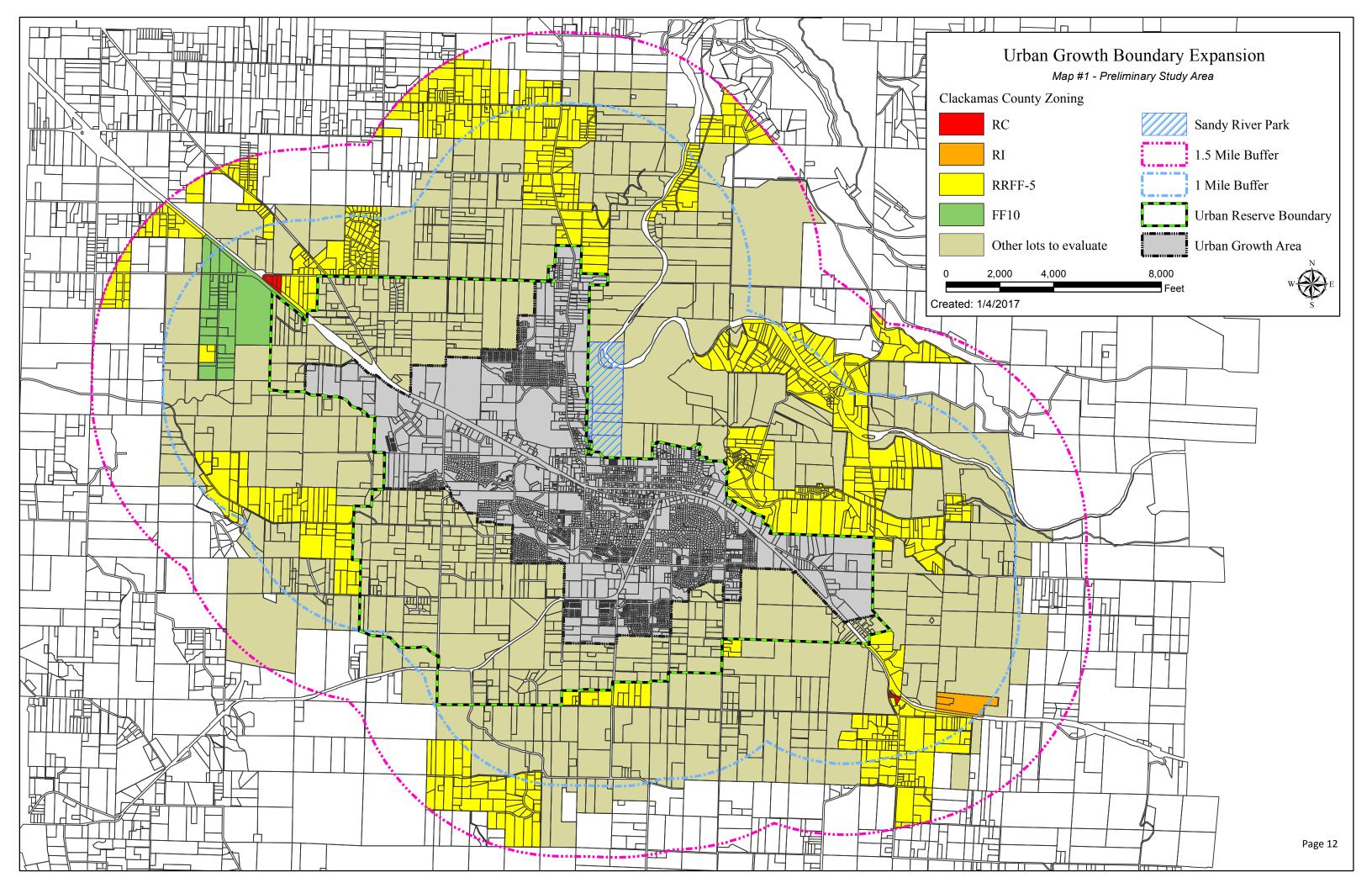
One of the organizing principles of Oregon's land use planning system is an emphasis on using land within the UGB more "efficiently" before expanding the urban growth boundary. Land use efficiency measures can address multiple issues including: meeting housing needs, utilizing existing infrastructure, conserving energy, as well as other local objectives. ORS 197.296 contains a variety of land use efficiency measures, including the following:

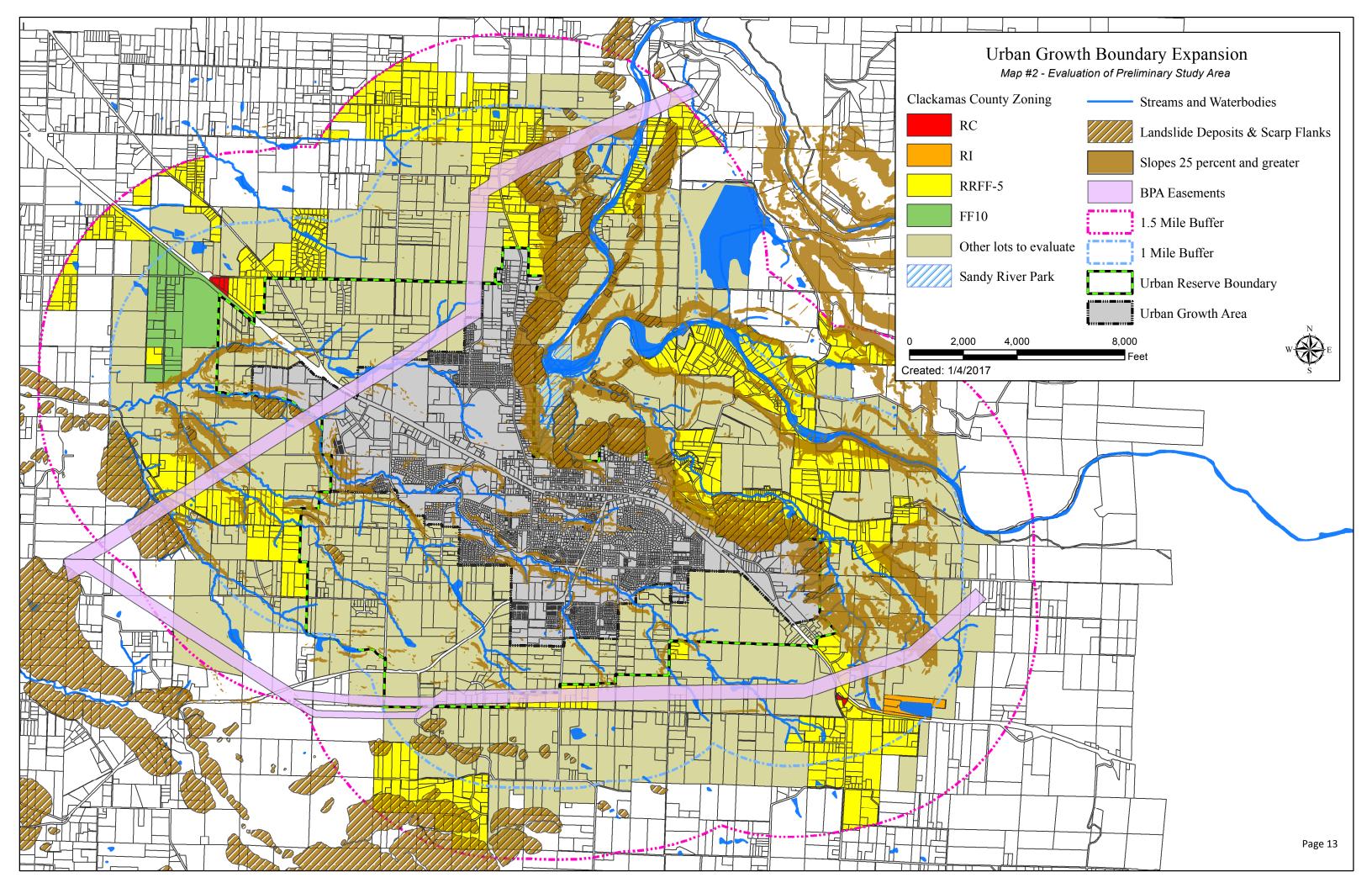
- 1. Increase permitted densities in residential zones
- 2. Provide financial incentives for higher density housing
- 3. Permit additional density beyond that generally allowed in the zoning district in exchange for amenities and features provided by the developer
- 4. Removal or easing of approval standards or procedures
- 5. Establish minimum density ranges

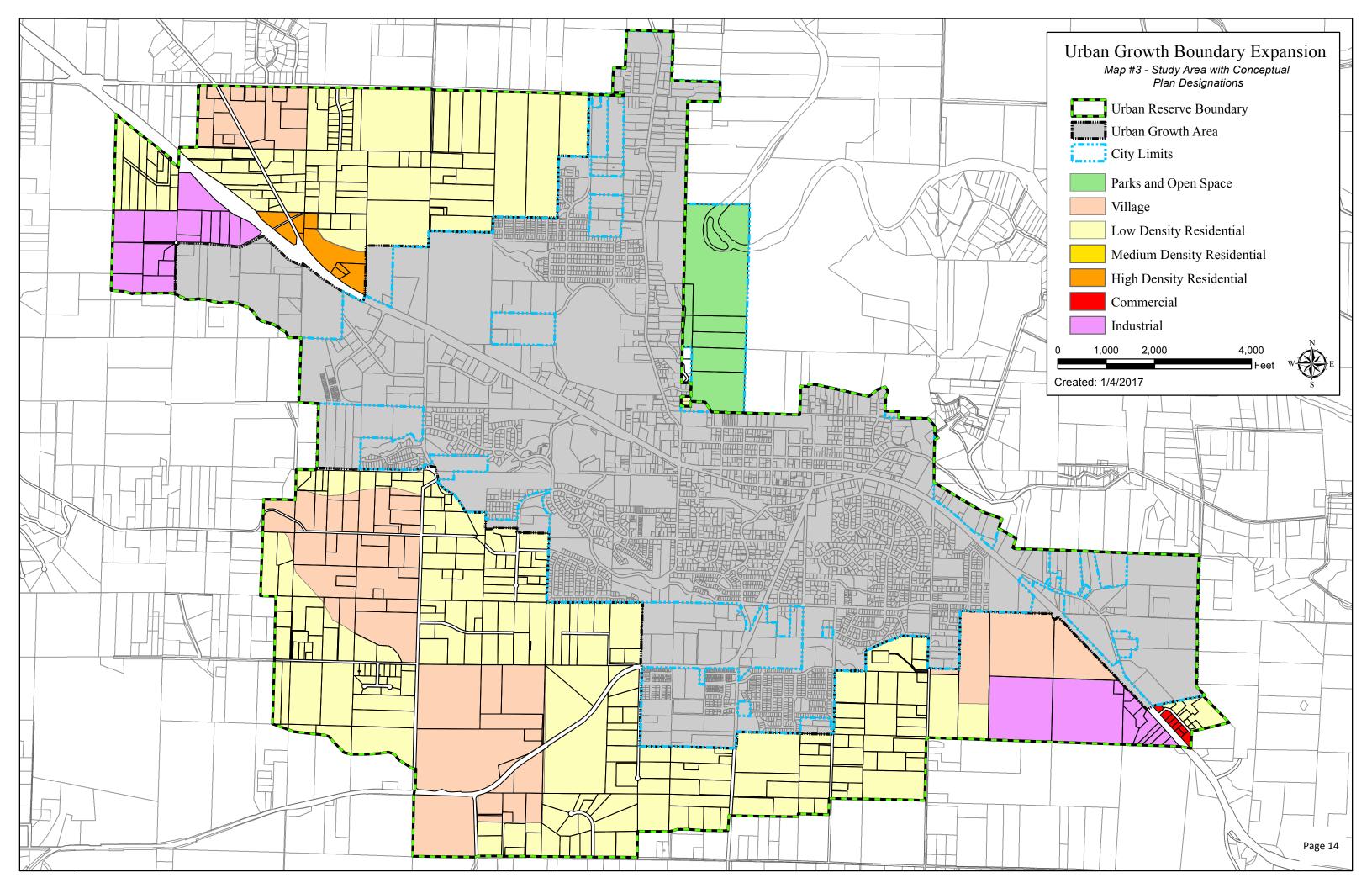
- Develop strategies for infill and redevelopment
- 7. Authorize housing types not previously allowed by the plan or regulations
- 8. Adopt an average residential density standard
- 9. Consider rezoning non-residential land

One of the required steps in the UGB Expansion analysis is to examine whether additional efficiency measures could be used within the existing UGB to increase residential densities and determine whether these measures will limit the City's need to expand the UGB. Sandy has previously taken steps to incorporate efficiency measures including:

- Incorporating increased densities in the residential zones, by allowing duplex units, row homes, and zero lot line dwellings in the low density residential zone, and including both medium (8-14 units/acre) and high density (10-20 units/acre) zoning districts;
- Allowing accessory dwellings units in all residential zoning districts;
- Providing a Planned Development process that can allow for increased flexibility in design, including lot size flexibility, as long as the density established in the Comprehensive Plan is not exceeded;
- Establishing minimum density standards in all residential zoning districts;
- Creating an adjustment process to allow modification of certain provisions without a requirement for a variance;
- Allowing residential dwellings attached to a commercial business in the C-1 and C-3 zones;
   and,
- Allowing multi-family development in the C-1 zone as a conditional use.







# **Chapter 2. Study Area Analysis**

This chapter describes the methodology used to evaluate properties within the final study area to determine the suitability of these properties to meet the identified need. The chapter starts by describing each of the evaluation factors used in the analysis and then provides a detailed analysis of each analysis area used in this study.

# **Evaluation Methodology**

By combining the boundary location factors found in Goal 14 with those derived from the city's Comprehensive Plan and other local factors, eight factors were developed to evaluate properties in the study area. Each factor was assigned a weighed score (3, 2, 1, 0, or -1) based on the priority of the factor and whether the factor is considered of primary or secondary importance. The property evaluation factors used in the study are shown in Table 2.1 below.

**Table 2.1: Property Evaluation Factors** 

| Primary Evaluation     | High        | Medium    | Low Score   | No Effect | Negative Factor |
|------------------------|-------------|-----------|-------------|-----------|-----------------|
| Factors                | Score (3)   | Score (2) | (1)         | (0)       | (-1)            |
| Cost to Provide Sewer  | Least Cost  |           | Moderate    |           | High Cost       |
| Service                |             |           | Cost        |           |                 |
| Proximity to Existing  | < 1,500 ft. |           | 1,500-      |           | >3,000 ft.      |
| Water Service          |             |           | 3,000 ft.   |           |                 |
| Lot Size               | >5 acres    | 2-5 acres | <2 acres    |           |                 |
| Adjacent to Future     |             | Yes       |             | No        |                 |
| Transportation         |             |           |             |           |                 |
| Routes                 |             |           |             |           |                 |
| Adjacent to Existing   |             | Yes       |             | No        |                 |
| Street Stub            |             |           |             |           |                 |
| Contiguous to Existing |             | Yes       |             | No        |                 |
| UGB                    |             |           |             |           |                 |
| Secondary Evaluation   | High        | Medium    | Low Score   | No Effect | Negative Factor |
| Factors                | Score (3)   | Score (2) | (1)         | (0)       | (-1)            |
| Existence of           |             |           | No          |           | Constraints     |
| Constraints (BPA,      |             |           | constraints |           | Present         |
| streams, wetlands)     |             |           |             |           |                 |
| Compatibility with     |             |           | Not         |           | Adjacent to     |
| Ag./Forest Activities  |             |           | Adjacent to |           | Ag./Forest      |
|                        |             |           | Ag./Forest  |           |                 |

## **Primary Evaluation Factors**

• Factor 1: Cost to provide sanitary sewer service. Property development cost will be much less when a property can be served by gravity sanitary sewer service connected to existing mainlines. Pump stations to 'lift' sewage to a gravity pipe are expensive to

construct and maintain. Sanitary sewer service is identified as a priority primary evaluation factor since provision of this service is essential for urban development. The property evaluation factor gives a preference to those properties that can be served by a gravity sanitary sewer system due to development costs and long-term maintenance costs of operating pump station facilities. See Appendix B for an evaluation of this sanitary service feasibility completed by the City Engineer. This factor evaluates Goal 14, Factor 2.

- Factor 2: Proximity to existing water service. Properties closer to an existing water main line are presumed to be more likely to develop than a property further away as the cost to extend water service is considerably less for properties located near this service. The analysis in this report establish three distance categories for evaluating this factor: less than 1,500 feet, 1,500 feet to 3,000 feet, and greater than 3,000 feet. The ability to serve a property with water service is identified as a priority primary evaluation factor. Water service was also evaluated by the City Engineer as shown in Appendix B. This factor evaluates Goal 14, Factor 2.
- Factor 3: Lot size. Larger lots are given priority as a primary evaluation factor since they can accommodate larger subdivisions and are typically more likely to develop as the value of the land far exceeds existing improvement value. When existing improvement value is low compared to the overall property value existing structures are more likely to be removed in preparation for a subdivision. The analysis in this report uses the following three property size categories: less than two acres, two acres to five acres, and greater than five acres. This factor evaluates Goal 14, Factors 1 and 3.
- Factor 4: Adjacent to future transportation routes. Expansion of transportation routes identified in the Sandy Transportation System Plan (TSP) is important to increasing street connectivity and creating alternative routes of travel. Properties abutting streets identified in the TSP are given a preference over parcels that are not located adjacent to these facilities. This factor evaluates Goal 14, Factor 2.
- Factor 5: Adjacent to existing street stubs. Extending dead-end street stubs is an important factor for improving pedestrian and vehicular connectivity, enhancing emergency services access and creating alternative routes of travel. Parcels located adjacent to existing street stubs are valued higher than parcels that are not located adjacent to a street stub. This factor evaluates Goal 14, Factor 2.
- Factor 6: Contiguous to existing UGB. Properties contiguous to the existing UGB boundary are typically located closer to existing utilities and transportation networks and are more likely to annex into the city limits and develop than parcels not located contiguous to the UGB. This factor evaluates Goal 14, Factor 1.

#### **Secondary Evaluation Factors**

• Factor 7: Existence of constraints (BPA easement, streams, and wetlands). Constraints make property more expensive and time consuming to develop. Although mitigation techniques can lessen the impacts to existing wetlands and streams, the additional cost associated with mitigating impacts generally makes the property less desirable

compared to a property without these constraints. This factor evaluates Goal 14, Factor 3.

■ Factor 8: Compatibility with Agricultural and Forest Activities. Properties adjacent to property zoned agricultural (EFU) or forest (TBR) have the highest potential to be incompatible with such uses. Because Sandy has an established Urban Reserve Boundary, agricultural and forest activities within the Urban Reserve Area are considered to already be committed to long-term urban use. For this evaluation, properties with a Clackamas County Zoning designation of Timber (TBR) and Exclusive Farm Use (EFU) were mapped outside the Urban Reserve Area and properties within the Urban Reserve Area where identified if they were adjacent to these mapped properties. This factor evaluates Goal 14, Factor 4.

## **Analysis Areas**

As noted above, the study area was divided into 20 analysis areas. The analysis areas shown on Map 4 are generally numbered in a counter clockwise direction, beginning with Analysis Area 1, located at the far eastern edge of the UGB north of Highway 26 and ending with Analysis Area 20 at the northern portion of the UGB south of Kelso Road. The analysis areas range in size from 19.55 acres (Analysis Area 1) to 221.86 acres (Analysis Area 2) as summarized on Table 2.2.

The following considerations were useful in developing logical analysis area boundaries:

- Property lines/ownership patterns based upon Clackamas County Assessor Maps defining tax lot boundaries.
- Natural Features, such as wetlands, streams, 100-year floodplains, and other constraints.
- Streets and roads.
- Fundamental understanding of water and sanitary sewer service infrastructure.

**Table 2.2: Summary of Analysis Areas** 

| A see a least of                     | Leasting Description  | C: / )       |
|--------------------------------------|---|--------------|
| Analysis Areas                       | Location Description  | Size (acres) |
| 1. Highway 26 - Luzon Lane           | North side of Highway 26, east of Johnson RV. Accessible directly                 | 19.55        |
|                                      | from Highway 26 and Luzon Lane.   |              |
| 2. Knapp Farms                       | Bordered on north by UGB, east by Highway 26, west by                             | 221.86       |
|                                      | Langensand Road, and south by the UR Boundary.                                    |              |
| 3. Timberline Trails South           | Bordered on the north by UGB, east by Langensand Road, west by                    | 137.70       |
|                                      | Jacoby Road, and south by the UR Boundary.  |              |
| 4. Cascadia Village South            | Bordered on the north by UGB, east by Jacoby Road, west by                        | 79.20        |
|                                      | Bornstedt Road, and south by the UR Boundary.                                     |              |
| 5. Bornstedt Village South           | Bordered on the north by UGB, east by Bornstedt Road, west by                     | 76.96        |
| _                                    | Arletha Court, and south by UR Boundary.  |              |
| 6. Seibert Lane                      | South of Highway 211, west of Arletha Court, and bordered on the                  | 153.36       |
|                                      | south by the UR Boundary.   |              |
| 7. Bornstedt Village West            | West of Arletha Court spanning both sides of Highway 211.                         | 120.73       |
| 8. Nicolas Glen South                | Bordered on the south and east by UGB, south of Nicolas Glen                      | 100.11       |
|                                      | Subdivision, east of 370 <sup>th</sup> extension.                                 |              |
| 9. Hwy 211 - 362 <sup>nd</sup> Drive | East of 362 <sup>nd</sup> Ave., north of Highway 211                              | 146.93       |
| East                                 |   | 2.0.55       |
| 10. South Colorado Road -            | South of Colorado Road, east of 362 <sup>nd</sup> Ave., west of 370 <sup>th</sup> | 114.24       |
| 362 <sup>nd</sup> Drive East         | extension.  | 111.21       |
| 11. North Colorado Road -            | Bordered on the north by UGB, south by Colorado Road, west by                     | 32.85        |
| 362 <sup>nd</sup> Drive East         | 362 <sup>nd</sup> Ave.  | 32.03        |
| 12. Gunderson Road South             | Bordered on the south and west by UR Boundary, east by 362 <sup>nd</sup>          | 116.02       |
| - 362 <sup>nd</sup> Drive West       | Ave. and north by Gunderson Road.   | 110.02       |
| 13. Gunderson Road North             | Bordered on the south by Gunderson Road, north by Colorado                        | 190.84       |
| - 362 <sup>nd</sup> Drive West       | Road, east by 362 <sup>nd</sup> Ave., and west by UR Boundary.                    | 150.64       |
| 14. Colorado Road North -            | Bordered on the south by Colorado Road, north by UGB, east by                     | 92.83        |
| Skogan Road South                    | 362 <sup>nd</sup> Ave., and west by UR Boundary.                                  | 92.63        |
| 15. Jarl Road - Highway 26           | Bordered on the north by Highway 26, east by UGB, and south and                   | 144.19       |
| South                                |   | 144.19       |
|                                      | west by UR Boundary.  | 70.26        |
| 16. Highway 26 North -               | Bordered on the south by Highway 26, north by Orient Drive, and                   | 70.36        |
| Orient Drive West                    | west by UR Boundary.  | 101.00       |
| 17. Highway 26 North -               | Bordered on the south by Highway 26, north by Kelso Road/UR                       | 181.08       |
| Orient Drive East                    | Boundary, and west by Orient Drive.   | 100.00       |
| 18. Highway 26 North -               | Bordered on the south by UGB, north by Kelso Road/UR Boundary,                    | 106.96       |
| 362 <sup>nd</sup> Drive West         | and east by 362 <sup>nd</sup> Ave.  | 20.1-        |
| 19. Highway 26 North -               | Bordered on the south by UGB, north by Kelso Road/UR Boundary,                    | 88.15        |
| 362 <sup>nd</sup> Drive East         | and west by 362 <sup>nd</sup> Ave.  |              |
| 20. Sandy Bluff North                | Bordered on the south and east by UGB and north by Kelso                          | 95.95        |
|                                      | Road/UR Boundary.   |              |

# **Evaluation Assumptions**

Not all lands within the analysis areas are appropriate for development. Local and state policies require development to generally avoid constrained areas (wetlands, floodplains, stream corridors, steep slopes, and high voltage powerline easements). As shown on Map 5, the study area contains various development constraints including stream corridors, floodplains, wetlands, and steep slopes. These resources are regulated by Chapter 17.60 of the Sandy Development Code and may be subject to regulations imposed by the Army Corps of Engineers and Division of State Lands. The study area also contains several high voltage powerlines

owned by the Bonneville Power Administration which limits development within recorded easements for these facilities as shown on this map.

As explained in the adopted Urbanization Study (Page 3-5), redevelopment of land often results in existing homes being demolished and removed. A portion of the land with the existing housing unit is not counted as vacant land and therefore does not contribute to fulfilling the land deficits. For the purposes of this study each existing dwelling unit equates to 1/4-acre of existing developed land.

Residential land that is impractical to subdivide or commercial/industrial land containing significant improvements cannot be counted as vacant land to fulfill the land needs as these lands are counted as developed. However, in some cases it may make sense to include developed land. This will be discussed further in Chapter 3 below.

The difference between gross acres and net acres in this Study depends on the area of developable land, removal of constrained acres, removal of dwelling unit acres, and removal of developed acres. Table 2.3 details this calculation for each analysis area.

Table 2.3: Analysis Areas Details

|                     |                  | Analysis Areas |        |       |       |        |        |        |        |        |
|---------------------|------------------|----------------|--------|-------|-------|--------|--------|--------|--------|--------|
|                     | 1                | 2              | 3      | 4     | 5     | 6      | 7      | 8      | 9      | 10     |
| Tax Lots            | 16               | 17             | 31     | 13    | 16    | 30     | 13     | 24     | 7      | 30     |
| Total Acres (gross) | 19.55            | 221.86         | 137.70 | 79.20 | 76.96 | 153.36 | 120.73 | 100.11 | 146.93 | 114.24 |
| Total Acres (net)   | 14.56            | 205.31         | 110.68 | 70.94 | 64.12 | 97.47  | 107.77 | 87.99  | 137.70 | 97.15  |
| Restricted Lands    | Restricted Lands |                |        |       |       |        |        |        |        |        |
| Constrained Acres   | 0.00             | 9.66           | 20.27  | 5.51  | 9.34  | 48.89  | 10.46  | 9.12   | 7.48   | 10.34  |
| Dwelling Unit Acres | 1.50             | 1.25           | 6.75   | 2.75  | 3.50  | 7.00   | 2.50   | 3.00   | 1.75   | 6.75   |
| Developed Acres     | 3.49             | 5.64           | 0      | 0     | 0     | 0      | 0      | 0      | 0      | 0      |

|                     |                  | Analysis Areas |        |       |        |       |        |        |       |       |
|---------------------|------------------|----------------|--------|-------|--------|-------|--------|--------|-------|-------|
|                     | 11               | 12             | 13     | 14    | 15     | 16    | 17     | 18     | 19    | 20    |
| Tax Lots            | 14               | 28             | 34     | 24    | 35     | 25    | 64     | 8      | 14    | 3     |
| Total Acres (gross) | 32.85            | 116.02         | 190.84 | 92.83 | 144.19 | 70.36 | 181.08 | 106.96 | 88.15 | 95.95 |
| Total Acres (net)   | 26.43            | 103.12         | 167.43 | 72.97 | 112.01 | 56.65 | 136.25 | 99.47  | 70.63 | 52.31 |
| Restricted Lands    | Restricted Lands |                |        |       |        |       |        |        |       |       |
| Constrained Acres   | 3.67             | 4.99           | 14.66  | 12.86 | 9.58   | 7.96  | 22.49  | 5.99   | 15.02 | 43.14 |
| Dwelling Unit Acres | 2.75             | 2.50           | 8.75   | 7.00  | 5.00   | 4.25  | 9.00   | 1.50   | 2.50  | 0.50  |
| Developed Acres     | 0                | 5.41           | 0      | 0     | 17.60  | 1.50  | 13.34  | 0      | 0     | 0     |

## **Evaluation Factors Applied**

Every property in each Analysis Area was evaluated relative to the eight evaluation factors discussed above. The potential score range was a maximum of 17 and a minimum of -3. Properties received total scores ranging from a high of 14 to a low of -2. Properties receiving a score of 4 or less were not considered for further consideration, with the exception of two commercial properties in Analysis Area 1 and two commercial properties in Analysis Area 17 as discussed below.

# **Primary Evaluation Factors**

<u>Factor 1:</u> Cost to provide sanitary sewer service. As shown on Map 6, Analysis Areas 2, 3, 4, 19, 20, and a portion of 18 are the least costly to serve with sanitary sewer and Analysis Areas 1, 6, 9, 12, and 13 would be the most expensive to serve with sanitary sewer.

<u>Factor 2:</u> Proximity to existing water service. The majority of Analysis Areas 2, 3, 4, 8, 11, 14, 18, 19, and 20 are within 1,500 feet of existing water main lines. Analysis Areas 6, 9, 12, 13, 15, and 16 are the furthest from existing water service. The results of this factor are shown on Map 7.

<u>Factor 3:</u> Lot size. As explained above, this factor uses one of three categories to evaluate this factor: less than two acres, two acres to five acres, and greater than five acres. Analysis Areas 2, 4, 7, 9, 12, 18, 19, and 20 have the greatest percentage of large properties and Analysis Areas 1, 3, 8, 11, 14, 16, 17 have the greatest percentage of small properties. Map 8 shows the results of this factor.

<u>Factor 4:</u> Adjacent to future transportation routes. Analysis Areas 2, 5, 17, 18, and 19 contain the majority of properties adjacent to arterial and collector streets identified in the adopted TSP. Map 9 shows this factor.

<u>Factor 5:</u> Adjacent to existing street stubs. Analysis Areas 2, 4, 8, 11, 19, and 20 contain the most properties adjacent to an existing street stub. The results of this factor are also shown on Map 9.

<u>Factor 6:</u> Contiguous to existing UGB. Analysis Areas 1, 2, 3, 4, 5, 7, 8, 11, 14, 15, 16, 17, 18, 19, and 20 contain parcels contiguous to the existing UGB and are most likely to develop as utility extensions are less expensive. Analysis Areas 6, 9, 10, 12, and 13 are not contiguous to the existing UGB. Map 10 shows the results of this factor.

#### Secondary evaluation factors

<u>Factor 7:</u> Existence of constraints (BPA, streams, and wetlands). Analysis Areas 3, 7, 10, 13, 14, 15, and 17 have the greatest percentage of riparian areas identified and Analysis Areas 6, 19, and 20 have the greatest percentage of Bonneville Power Administration (BPA) constraints identified. Map 5 shows identified constraints for all properties in the analysis areas.

<u>Factor 8:</u> Compatibility with Agricultural and Forest Activities. Analysis Areas 1, 2, 3, 4, 6, 9, 12, 14, 15, 17, 18, 19, and 20 contain parcels adjacent to agricultural (EFU) and forest (TBR) zoned properties outside the Urban Reserve. The properties identified adjacent to

agricultural and forest zoned properties have the highest potential to be incompatible with such uses. Map 11 shows the results of this factor.

# **Analysis Area Detailed Description**

#### **ANALYSIS AREA 1 (Highway 26 – Luzon Lane):**

Analysis Area 1 includes land on the north side of Highway 26, east of Johnson RV.

| Analysis Area 1<br>Gross Acres | Constrained<br>Acres/ (%) | Developed<br>Acres/ (%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 19.55                          | 0.00 (0%)                 | 3.49 (17.9%)            | 1.50 (7.7%)                           | 14.56     |

#### Advantages:

- Borders the existing UGB
- Employment potential for properties adjacent to Highway 26
- No wetlands, creeks, or riparian areas
- Prominent location as eastern gateway to Sandy

#### Disadvantages:

- Severe slopes make sanitary sewer costly
- High percentage of property already developed
- High percentage of smaller properties
- Existing structures not to City code

#### **ANALYSIS AREA 2 (Knapp Farms):**

Analysis Area 2 includes land on the south side of the UGB to the east of Langensand Road.

| Analysis Area 2<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 221.86                         | 9.66 (4.4%)               | 5.64 (2.5%)             | 1.25 (0.6%)                           | 205.31    |

#### Advantages:

- Analysis area borders the existing UGB
- High employment potential as some property is located on Highway 26
- North half of Analysis Area is important for transportation network
- Large lot sizes preferred for development
- Good livability potential with close network of streets and park land
- Relatively flat land
- Poised for housing development

- High amount of agricultural acreage removed
- High amount of forest acreage removed
- Moderate percentage of land with riparian areas identified
- Existing employment properties not to City code

# **ANALYSIS AREA 3 (Timberline Trails South):**

Analysis Area 3 includes lands south of the Timberline Trails subdivision, to the west of Langensand Road, and to the east of Jacoby Road.

| Analysis Area 3<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 137.70                         | 20.27 (14.7%)             | 0 (0%)                  | 6.75 (4.9%)                     | 110.68    |

#### Advantages:

- Analysis area borders the existing UGB
- Easy to serve with utilities
- Easy connection to Cascadia Village subdivision to the west
- Bisected by the future extension of the Tickle Creek Trail
- Land owners willing to be included in UGB expansion
- Poised for housing development

#### Drawbacks:

- High percentage of land with riparian areas identified
- High percent of smaller properties on the south side of the analysis area not preferred for development

# **ANALYSIS AREA 4 (Cascadia Village South):**

Analysis Area 4 includes lands south of the Cascadia Village subdivision, west of Jacoby Road, and east of Bornstedt Road.

| Analysis Area 4 Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|-----------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 79.20                       | 5.51 (7.0%)               | 0 (0%)                  | 2.75 (3.5%)                     | 70.94     |

#### Advantages:

- Analysis area borders the existing UGB
- Easy to serve with utilities
- Large lot sizes preferred for development
- Good livability potential with close network of streets and park land
- North half of Analysis Area is important for transportation network
- Easy connection to Cascadia Village subdivision to the north
- Land owner willing to be included in UGB expansion
- Poised for housing development

#### Drawbacks:

High amount of forest acreage removed

# **ANALYSIS AREA 5 (Bornstedt Village South):**

Analysis Area 5 includes lands south of Bornstedt Village, west of Bornstedt Road, and east of Arletha Court.

| Analysis Area 5<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 76.96                          | 9.34 (12.1%)              | 0 (0%)                  | 3.50 (4.5%)                     | 64.12     |

#### Advantages:

- Analysis area borders the existing UGB
- Easy to serve with utilities for northern properties
- North half of Analysis Area is important for transportation network
- Good livability potential with close network of streets and park land
- Poised for housing development

#### Drawbacks:

- BPA easement on numerous properties
- Moderate cost to extend utilities for southern properties, especially sanitary sewer

## **ANALYSIS AREA 6 (Seibert Lane):**

Analysis Area 6 includes lands south of Highway 211, north of Trubel Road, and bisected by 367th Avenue and Seibert Lane.

| Analysis Area 6<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 153.36                         | 48.89 (31.9%)             | 0 (0%)                  | 7.00 (4.6%)                           | 97.47     |

#### Advantages:

- There are practically no wetlands, creeks, or riparian areas
- Rural setting allows for desirable tracts of land for residential subdivisions
- Poised for housing development

- Analysis area does not border the existing UGB
- BPA easement on numerous properties
- Expensive extension of utilities, especially sanitary sewer
- Not important for transportation connections in the 20-year planning period
- Additional vehicle miles driven are required to reach goods and services in Sandy
- Costly frontage improvements along Highway 211

## **ANALYSIS AREA 7 (Bornstedt Village West):**

Analysis Area 7 includes lands west of Bornstedt Village, and bisected by Highway 211.

| Analysis Area 7<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 120.73                         | 10.46 (8.7%)              | 0 (0%)                  | 2.50 (2.1%)                           | 107.77    |

#### Advantages:

- Analysis area borders the existing UGB
- Land owner willing to be included in UGB expansion
- Poised for housing development
- Large lot sizes preferred for development

#### Drawbacks:

- High amount of agricultural acreage removed
- High percentage of land with riparian areas identified
- Moderate cost to extend utilities, especially sanitary sewer to the west of Arletha Court
- Costly frontage improvements along Highway 211

# **ANALYSIS AREA 8 (Nicolas Glen South):**

Analysis Area 8 includes lands south of Nicolas Glen, and east of 370th Avenue.

| Analysis Area 8 Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|-----------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 100.11                      | 9.12 (9.1%)               | 0 (0%)                  | 3.00 (3.0%)                     | 87.99     |

#### Advantages:

- Analysis area borders the existing UGB
- Properties are important for transportation network
- Easy connection to Nicolas Glen subdivision to the north
- Land owner willing to be included in UGB expansion
- Poised for housing development

- High amount of agricultural acreage removed
- High percent of smaller properties on the west side of the analysis area not preferred for development
- Land owner resistant to be included in UGB expansion
- Moderate cost to extend utilities, especially sanitary sewer

# ANALYSIS AREA 9 (HWY 211 - 362nd Drive East):

Analysis Area 9 includes lands north of Highway 211, and east of 362nd Drive.

| Analysis Area 9<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|--------------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 146.93                         | 7.48 (5.1%)               | 0 (0%)                  | 1.75 (1.2%)                     | 137.70    |

#### Advantages:

- Large lot sizes preferred for development
- Land owner willing to be included in UGB expansion
- Rural setting allows for desirable tracts of land for residential subdivisions
- Poised for housing development

#### Drawbacks:

- Analysis area does not border the existing UGB
- High amount of agricultural acreage removed
- Expensive extension of utilities, especially sanitary sewer
- Costly frontage improvements along Highway 211

# ANALYSIS AREA 10 (South Colorado Road – East 362nd Drive):

Analysis Area 10 includes lands south of Colorado Road, east of 362nd Drive, and bisected by Deming Road.

| Analysis Area 10<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 114.24                          | 10.34 (9.1%)              | 0 (0%)                  | 6.75 (5.9%)                           | 97.15     |

#### Advantages:

Poised for housing development

- Analysis area does not border the existing UGB
- Moderate cost to extend utilities, especially sanitary sewer
- High amount of forest acreage removed
- High percentage of land with riparian areas identified
- Land owners resistant to be included in UGB expansion

## ANALYSIS AREA 11 (North Colorado Road – East 362nd Drive):

Analysis Area 11 includes lands south of the Sleepy Hollow subdivision, north of Colorado Road, east of 362nd Drive, and west of 370th Avenue.

| Analysis Area 11<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 32.85                           | 3.67 (11.2%)              | 0 (0%)                  | 2.75 (8.4%)                     | 26.43     |

#### Advantages:

- Analysis area borders the existing UGB
- Land owner willing to be included in UGB expansion
- Easy connection to Sleepy Hollow subdivision to the northeast
- Poised for housing development

#### Drawbacks:

- High amount of forest acreage removed
- Moderate cost to extend utilities, especially sanitary sewer
- High percent of smaller properties not preferred for development
- Sight distance issues at the curve in 362nd Drive

# ANALYSIS AREA 12 (Gunderson Road South - 362nd Drive West):

Analysis Area 12 includes lands south of Gunderson Road, west of 362nd Drive, and including Hertrick Court.

| Analysis Area 12<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 116.02                          | 4.99 (4.3%)               | 5.41 (4.7%)             | 2.50 (2.2%)                           | 103.12    |

#### Advantages:

- Large lot sizes preferred for development
- There are practically no wetlands, creeks, or riparian areas
- Rural setting allows for desirable tracts of land for residential subdivisions
- Poised for housing development

- Analysis area does not border the existing UGB
- High amount of forest acreage removed
- Expensive extension of utilities, especially sanitary sewer
- Not important for transportation connections in the 20-year planning period
- Additional vehicle miles driven are required to reach goods and services in Sandy

## ANALYSIS AREA 13 (Gunderson Road North – 362nd Drive West):

Analysis Area 13 includes lands north of Gunderson Road, south of Colorado Road, and west of 362nd Drive.

| Analysis Area 13<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 190.84                          | 14.66 (7.7%)              | 0 (0%)                  | 8.75 (4.6%)                           | 167.43    |

#### Advantages:

- Rural setting allows for desirable tracts of land for residential subdivisions
- Poised for housing development

#### Drawbacks:

- Analysis area does not border the existing UGB
- High percentage of land with riparian areas identified
- Expensive extension of utilities, especially sanitary sewer
- Land owner resistant to be included in UGB expansion
- Not important for transportation connections in the 20-year planning period

# ANALYSIS AREA 14 (Colorado Road North – Skogan Road South):

Analysis Area 14 includes lands north of Colorado Road, south of Skogan Road, and west of 362nd Drive.

| Analysis Area 14<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 92.83                           | 12.86 (13.9%)             | 0 (0%)                  | 7.00 (7.5%)                           | 72.97     |

#### Advantages:

- Analysis area borders the existing UGB
- Land owners willing to be included in UGB expansion
- Poised for housing development

- High percentage of land with riparian areas identified
- Ridgeline on the north portion of the analysis area creates transportation connection and utility connection difficulties
- Moderate cost to extend utilities, especially sanitary sewer
- Not important for transportation connections in the 20-year planning period
- High percent of smaller properties not preferred for development
- Sight distance issues at the intersection of Skogan Road and 362nd Drive

# ANALYSIS AREA 15 (Jarl Road – Highway 26 South):

Analysis Area 15 includes lands south of Highway 26, and north of Jarl Road.

| Analysis Area 15<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 144.19                          | 9.58 (6.6%)               | 17.60 (12.2%)           | 5.00 (3.5%)                           | 112.01    |

#### Advantages:

- Analysis area borders the existing UGB
- High employment potential as some property is located on Highway 26
- Borders the future extension of the Tickle Creek Trail
- Primary transportation option, Jarl Road, connects to a signalized intersection on Highway 26
- Poised for housing development

#### Drawbacks:

- High percentage of land with riparian areas identified
- Moderate cost to extend utilities, especially sanitary sewer
- Not important for transportation connections in the 20-year planning period

# **ANALYSIS AREA 16 (Highway 26 North – Orient Drive West):**

Analysis Area 16 includes lands north of Highway 26, south of Kelso Road, and west of Orient Drive.

| Analysis Area 16<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement Dwelling Acres/ (%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------|-----------|
| 70.36                           | 7.96 (11.3%)              | 1.50 (2.1%)             | 4.25 (6.0%)                     | 56.65     |

#### Advantages:

- Analysis area borders the existing UGB
- High employment potential as some property is located on Highway 26
- Relatively flat land
- Land owner willing to be included in UGB expansion
- Poised for housing development

- Moderate cost to extend utilities, especially sanitary sewer
- High percent of smaller properties not preferred for development
- Existing employment properties not to City code

# ANALYSIS AREA 17 (Highway 26 North – Orient Drive East):

Analysis Area 17 includes lands north of Highway 26, south of Kelso Road, and east of Orient Drive.

| Analysis Area 17<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 181.08                          | 22.49 (12.4%)             | 13.34 (7.4%)            | 9.00 (5.0%)                           | 136.25    |

#### Advantages:

- Analysis area borders the existing UGB
- High employment potential as some property is located on Highway 26
- Properties are important for transportation network
- Relatively flat land
- Poised for housing development

#### Drawbacks:

- BPA easement on one property
- High percentage of land with riparian areas identified
- High percent of smaller properties not preferred for development
- High amount of agricultural acreage removed

# ANALYSIS AREA 18 (Highway 26 North – 362nd Drive West):

Analysis Area 18 includes lands south of Kelso Road, north of Highway 26, and west of 362nd Drive.

| Analysis Area 18<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 106.96                          | 5.99 (5.6%)               | 0 (0%)                  | 1.50 (1.4%)                           | 99.47     |

# Advantages:

- Analysis area borders the existing UGB
- Easy to serve with utilities
- Excellent economic expansion potential along 362nd Drive
- Properties are important for transportation network
- Excellent transportation opportunities along 362nd Drive and Kelso Road
- Large lot sizes preferred for development
- Relatively flat land
- Poised for housing development

- BPA easement on one property
- High amount of agricultural acreage removed
- Land owner resistant to be included in UGB expansion

# ANALYSIS AREA 19 (Highway 26 North – 362nd Drive East):

Analysis Area 19 includes lands south of Kelso Road, north of Highway 26, and east of 362nd Drive.

| Analysis Area 19<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 88.15                           | 15.02 (17.0%)             | 0 (0%)                  | 2.50 (2.8%)                           | 70.63     |

#### Advantages:

- Analysis area borders the existing UGB
- Easy to serve with utilities
- Properties are important for transportation network
- Easy connection to Sandy Bluff subdivision to the east
- Excellent transportation opportunities along 362nd Drive and Kelso Road
- Close to Sandy High School which allows alternative modes of transportation for staff and students
- Large lot sizes preferred for development
- Relatively flat land
- Poised for housing development

#### Drawbacks:

BPA easement on numerous properties

# **ANALYSIS AREA 20 (Sandy Bluff North):**

Analysis Area 20 includes lands north of the Sandy Bluff subdivision, south of Kelso Road, and west of Jewelberry Avenue.

| Analysis Area 20<br>Gross Acres | Constrained<br>Acres/ (%) | Developed Acres/<br>(%) | Replacement<br>Dwelling Acres/<br>(%) | Net Acres |
|---------------------------------|---------------------------|-------------------------|---------------------------------------|-----------|
| 95.95                           | 43.14 (45.0%)             | 0 (0%)                  | 0.50 (0.5%)                           | 52.31     |

#### Advantages:

- Analysis area borders the existing UGB
- Easy to serve with utilities
- Easy connection to Sandy Bluff subdivision to the south and east
- Large lot sizes preferred for development
- Close to Sandy High School which allows alternative modes of transportation for staff and students
- Relatively flat land
- Poised for housing development

- BPA easement on numerous properties
- Moderate amount of forest acreage removed

#### **Goal 14 Location Factors**

This section evaluates each of the four Goal 14 location factors as they relate to the analysis areas in this study.

- Factor 1: Efficient accommodation of identified land needs. Given the projected population and employment forecasts, lands in any of the UGB analysis areas could be justified to meet Factor 1. LUBA has generally used the term "efficiency" to mean "contiguous or adjacent to existing development." Analysis Areas 6, 9, 10, 12, and 13 are not contiguous to the existing UGB and therefore not as "efficient" for immediate development. While Analysis Areas 15 and 16 are contiguous to the existing UGB, these areas are not within the current city limits and therefore are not contiguous to developed areas. Areas 3, 4, 19, and 20 probably have the greatest ability to meet the intent of this factor due to their proximity to the existing UGB and existing developed lands within the UGB. Areas 19 and 20 have the highest potential to increase livability due to their close proximity to the Sandy High School, Sandy River Park, and future commercial amenities on 362nd Drive.
- Factor 2: Orderly and economic provision of public facilities and services. The City engineer (See Appendix B) performed an analysis for the study area to determine the feasibility of providing water and sanitary sewer service for each of the analysis areas. A detailed cost estimate was not included in the analysis, nor are such estimates included in the City's water and sanitary sewer masterplans. Instead, a general estimate of relative costs of providing sanitary sewer service was used as shown in Table 2.4.

Table 2.4: Cost of Providing Sanitary Sewer Service (\$\$\$ = greatest cost; \$ = least cost)

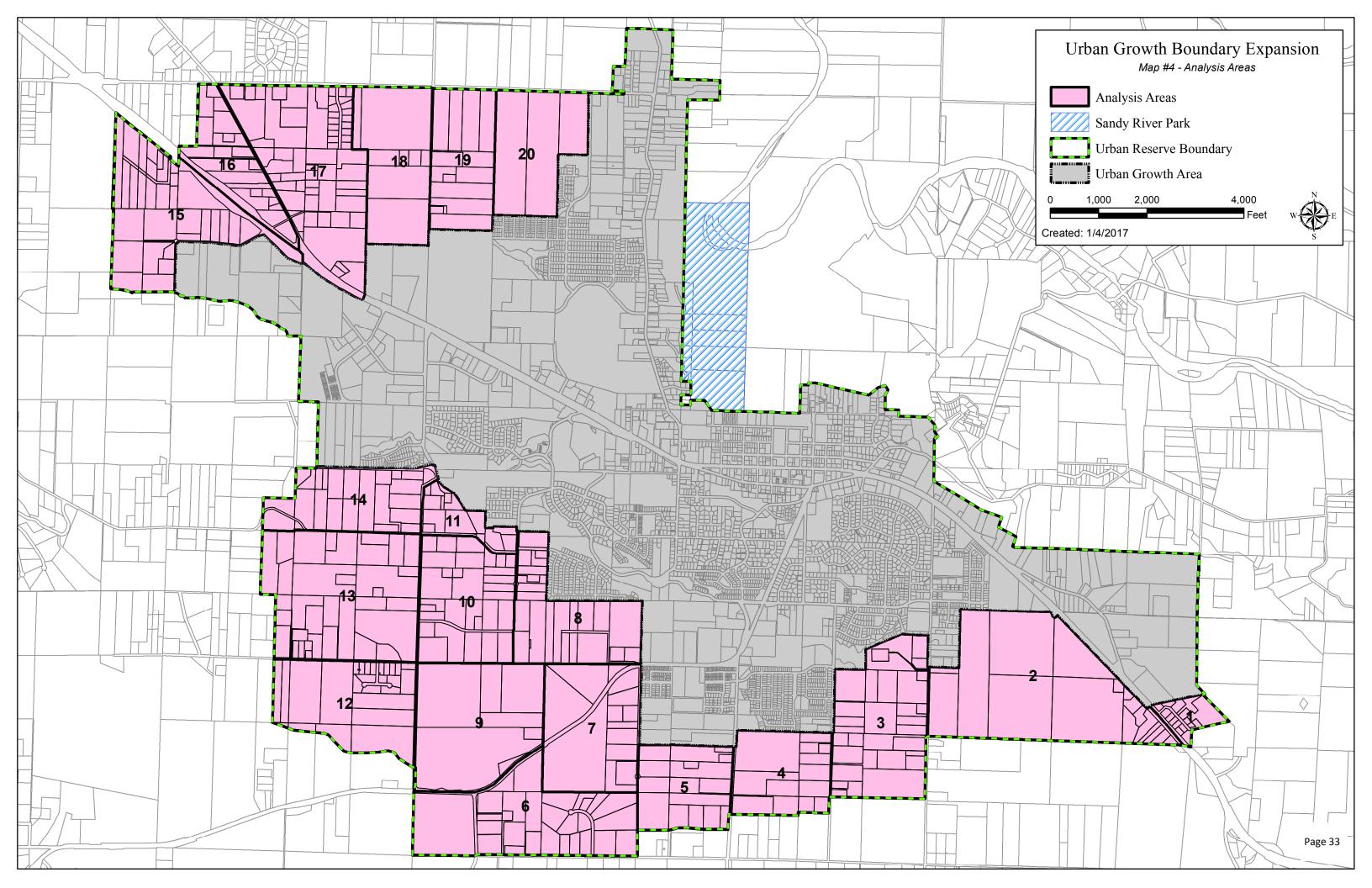
| Analysis Area | Cost   | Analysis Area | Cost   |
|---------------|--------|---------------|--------|
| 1             | \$\$\$ | 11            | \$\$   |
| 2             | \$     | 12            | \$\$\$ |
| 3             | \$     | 13            | \$\$\$ |
| 4             | \$     | 14            | \$\$   |
| 5             | \$     | 15            | \$\$   |
| 6             | \$\$\$ | 16            | \$\$   |
| 7             | \$\$   | 17            | \$\$   |
| 8             | \$\$   | 18            | \$     |
| 9             | \$\$\$ | 19            | \$     |
| 10            | \$\$   | 20            | \$     |

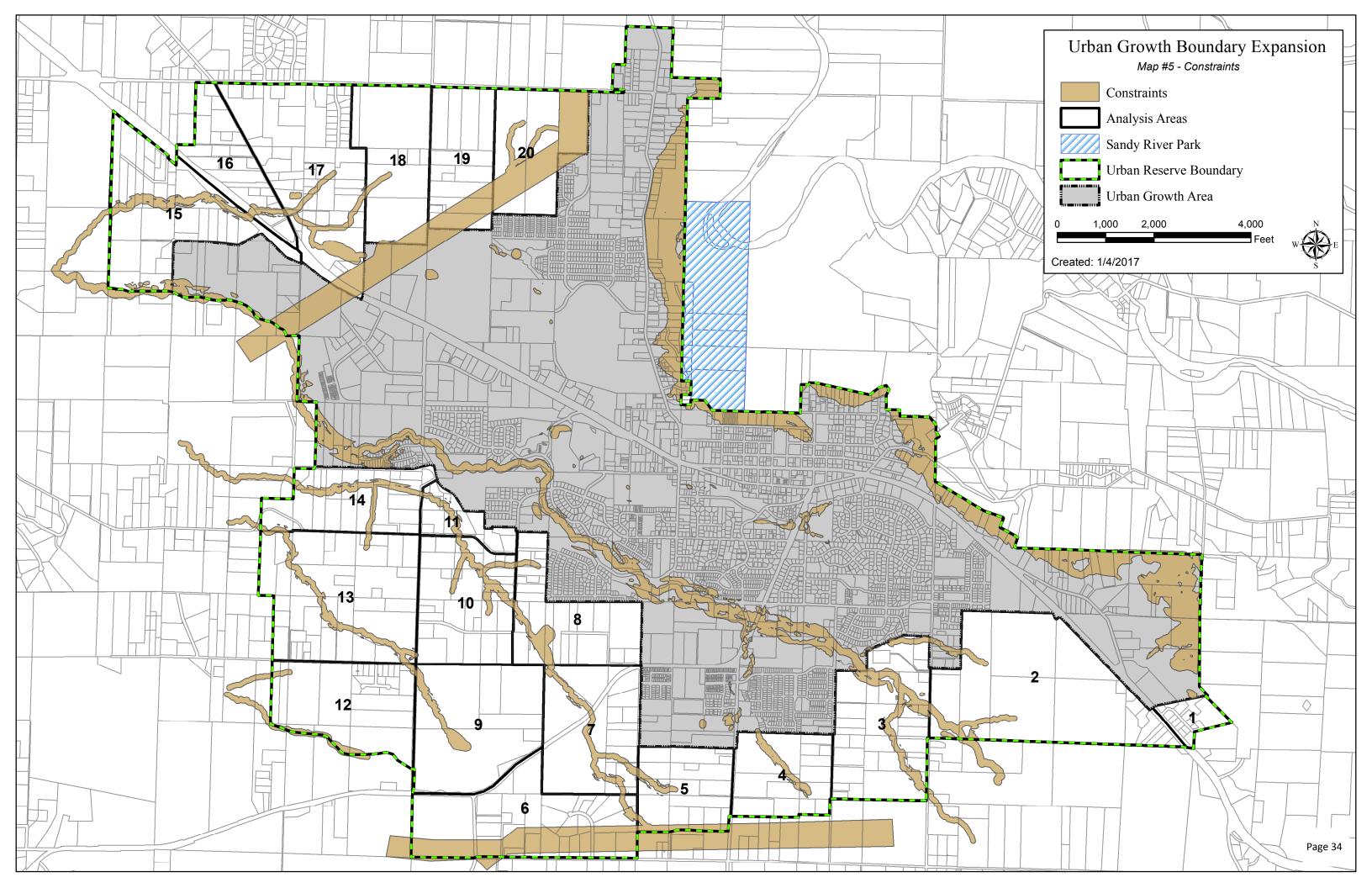
■ Factor 3: Comparative environmental, energy, economic and social consequences.

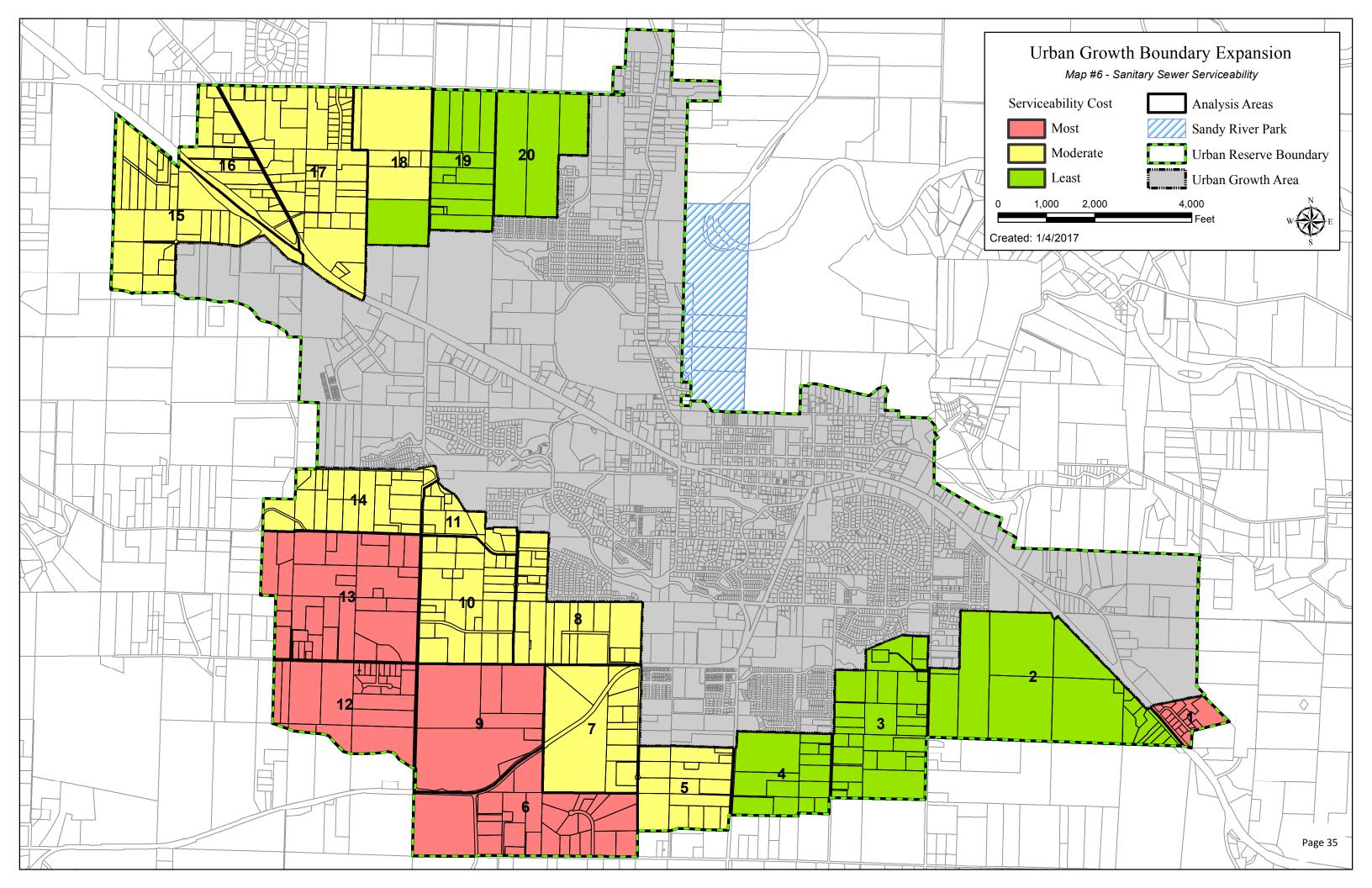
Analysis Areas 3, 7, 10, 13, 14, 15, and 17 have the greatest potential for negative environmental consequences given the amount of wetlands and riparian areas in these areas. Areas 3, 4, 19, and 20 probably have the least energy consequences from a transportation and service delivery perspective because of their location relative to the

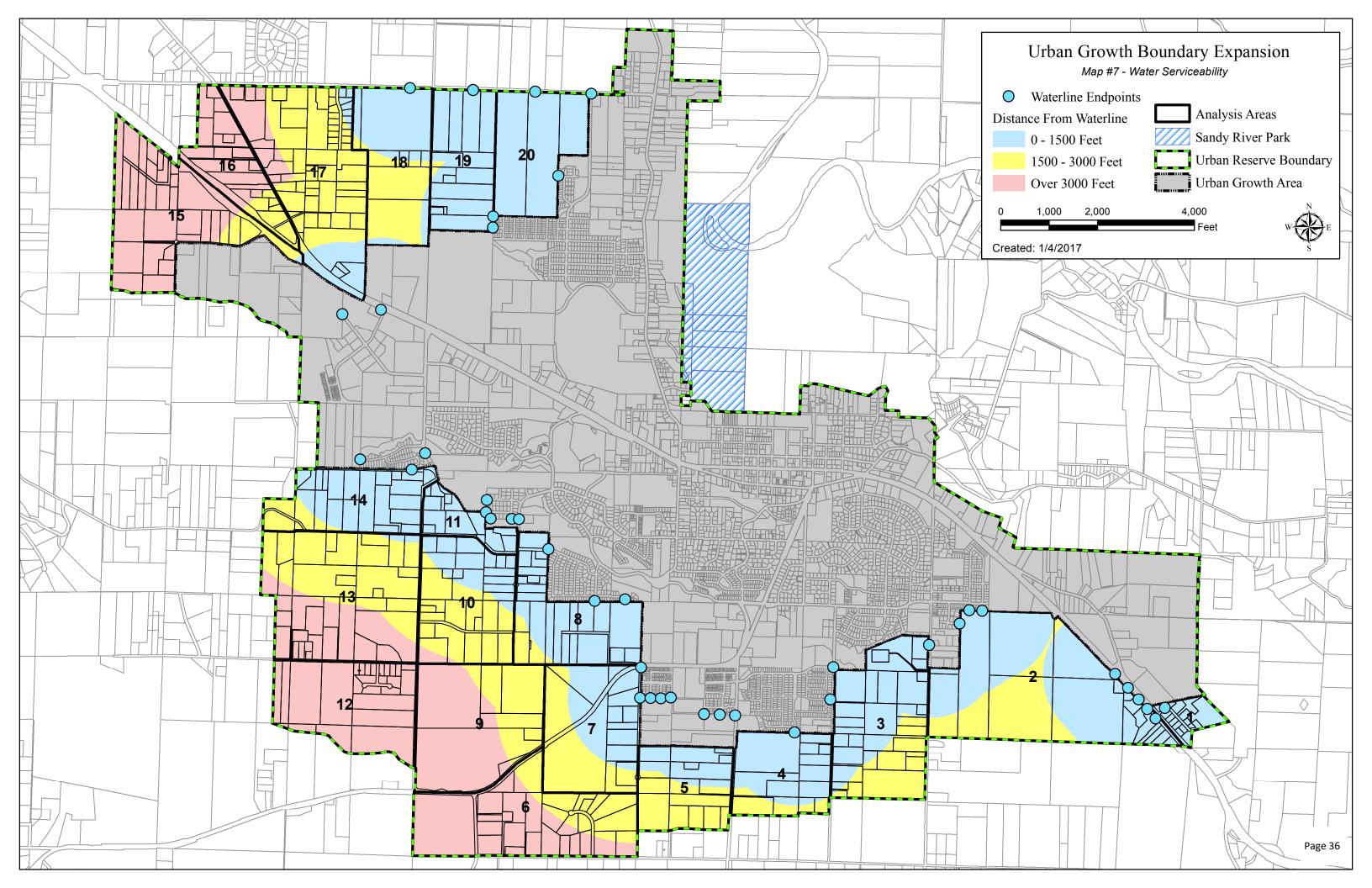
UGB. Properties that increase housing opportunities, increase street connectivity, and increase recreation opportunities have the greatest potential for positive economic and social impacts.

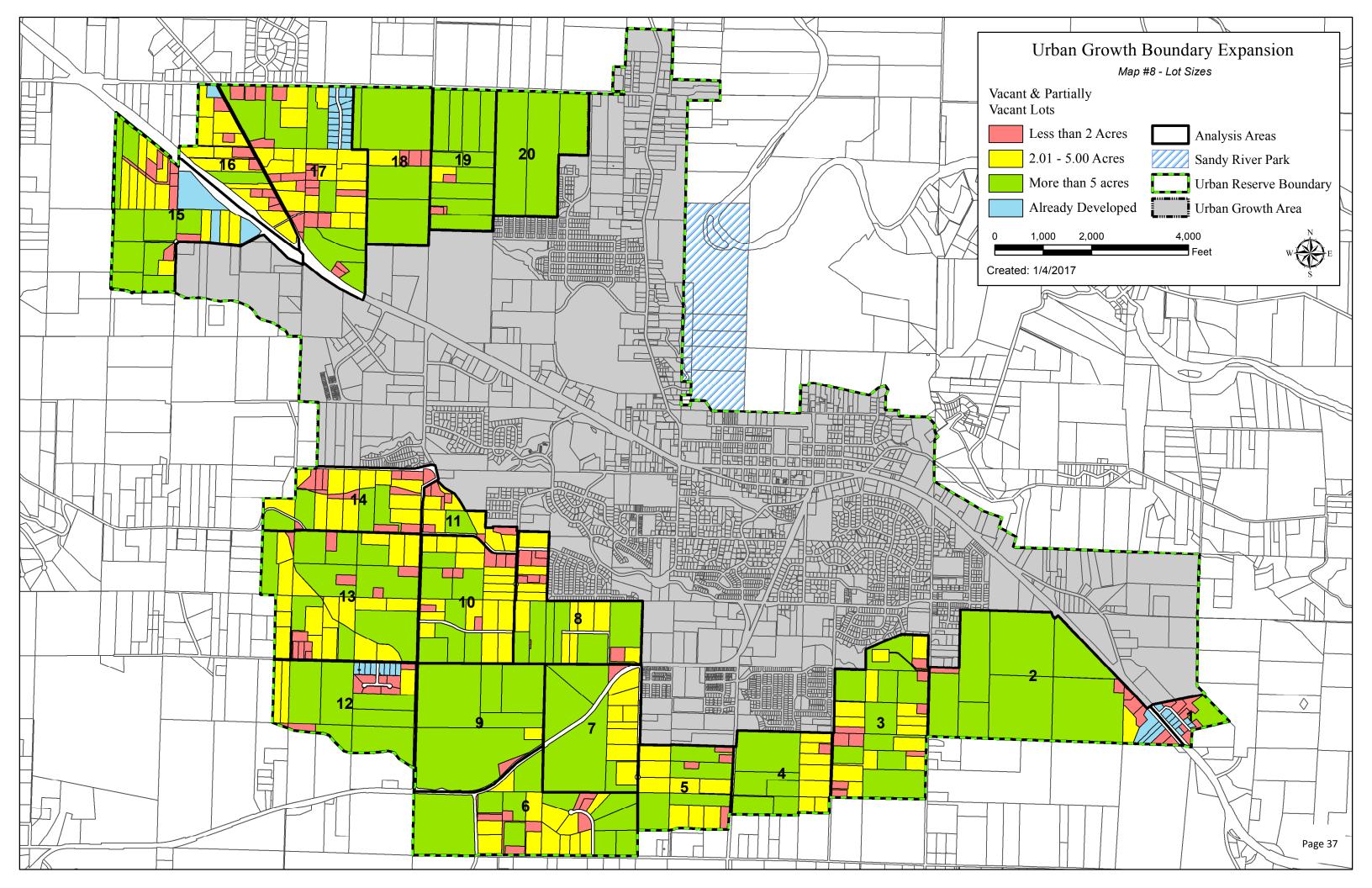
■ Factor 4: Compatibility of the proposed urban uses with nearby agricultural and forest activities occurring on farm and forest land outside the UGB. Analysis Areas 2, 6, 19, and 20 have the highest percentage of land adjacent to existing agricultural and forest zoned lands outside the Urban Reserve and therefore could have a negative impact on those existing activities. Analysis Areas 5, 7, 8, 10, 11, 13, and 16 do not contain any properties adjacent to existing agricultural and forest zoned lands outside the Urban Reserve and therefore have a higher compatibility rating. Map 11 shows properties adjacent to agricultural and forest lands outside the Urban Reserve Area.

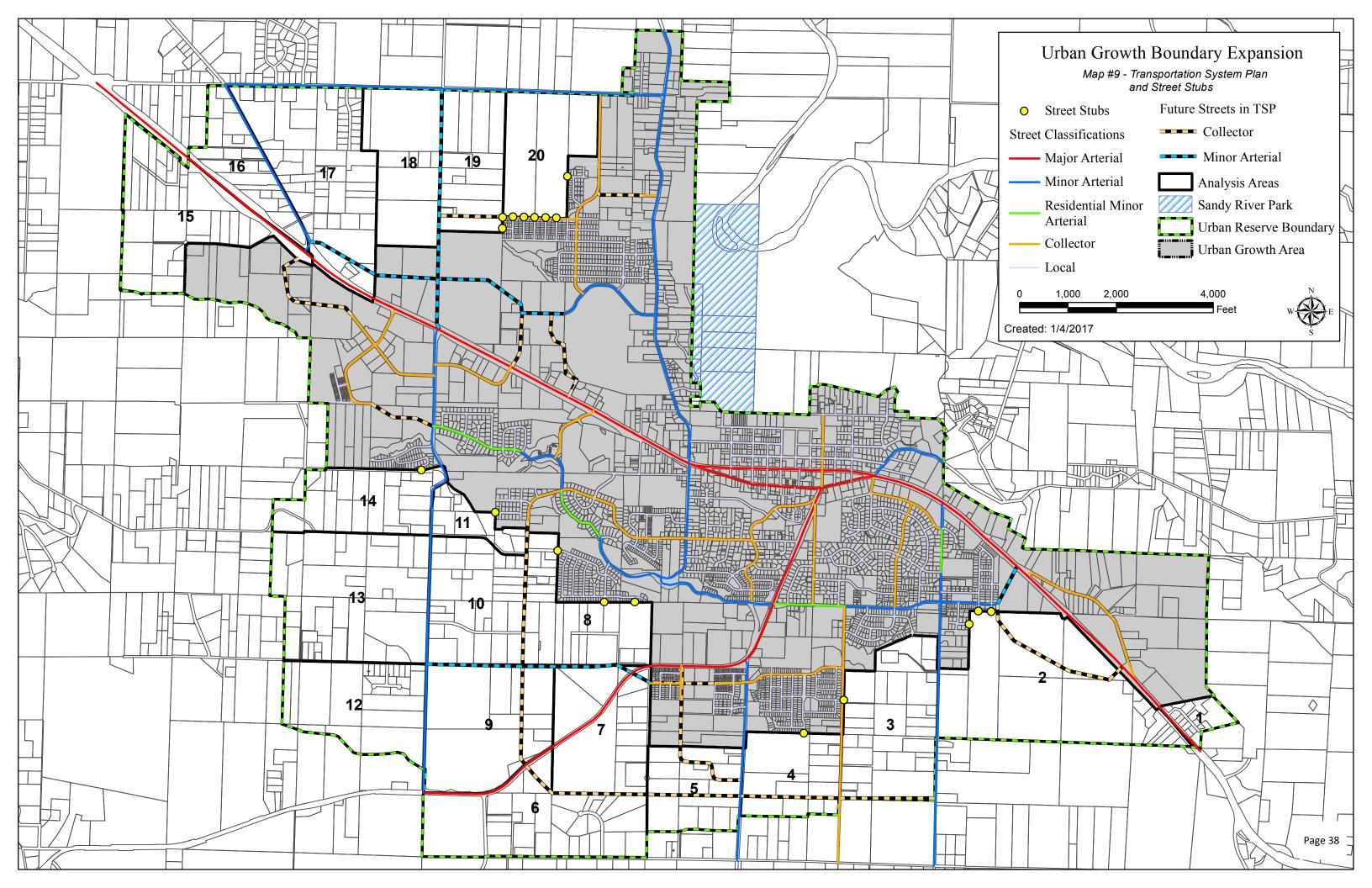


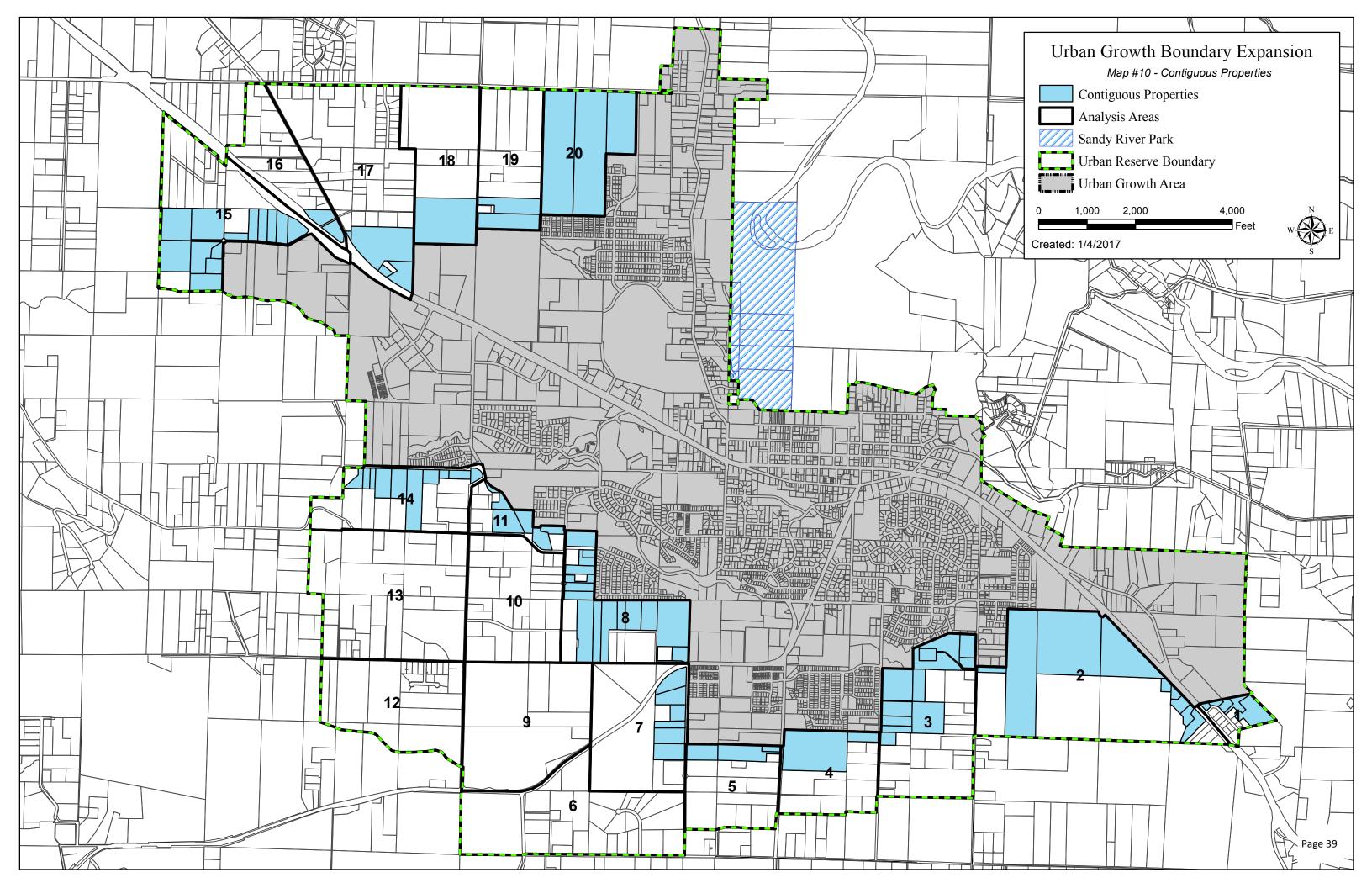


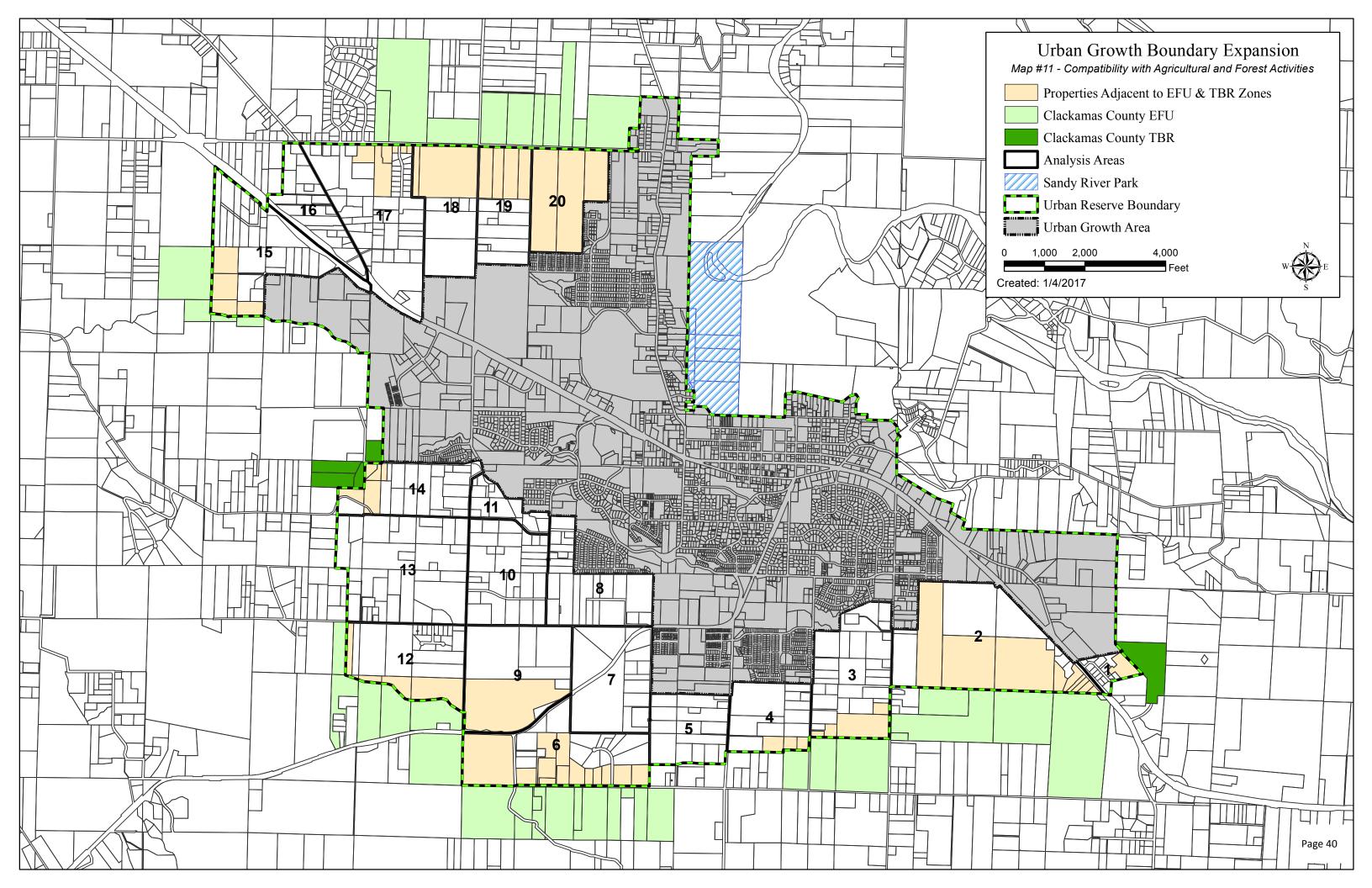












# **Chapter 3. Expansion Alternative**

The purpose of this chapter is to present the preferred alternative to address the identified land deficits identified in the 2015 Urbanization Study. Following evaluation of the 20 Analysis Areas as analyzed in Chapter 2 there was a determination that including only entire analysis areas was not necessarily in the best interest of the expansion project. Rather, it was determined that the preferred alternative needed to consider individual properties as this approach would lead to a more efficient and cost effective alternative. In addition to making recommendations for expanding the UGB to meet the identified needs, this chapter also details recommendations for achieving efficiency measures in the existing UGB.

# **Property Specific Analysis**

To conduct this refined analysis, each property in the UGB was scored in accordance with the eight 'Factors' described above. Properties received scores ranging from 15 to -3 as shown on Map 12. Appendix A includes the evaluation score for every property in the study area. Properties receiving a score of 4 or less were then taken out from further consideration with a few exceptions: two commercial properties in Analysis Area 1 and two properties in Analysis Area 17. The two commercial properties in Analysis Area 1 are proposed to be included to create a logical extension of the UGB, while the two properties in Analysis Area 17 are proposed to be included to accommodate the future extension of Bell Street to properly intersect with Orient Drive.

# **Efficiency Measures Inside UGB**

As discussed above, identifying properties within the existing UGB that can be rezoned to address the identified land deficits is a requirement of the expansion analysis. Rezoning existing properties along major transportation routes or closer to the city core to satisfy the identified need is a cost effective and sensible approach. Employment lands are most suited near highways and clustered with existing businesses. Higher density residential lands are most suited near existing transit amenities, pedestrian and bicycle networks, and park land. The preferred alternative therefor proposes rezoning several properties from a less inclusive zone (i.e. Light Industrial (I-2)) to a more inclusive and flexible zone, such as Industrial Park (I-1) or General Commercial (C-2). The recommendation also proposes rezoning several properties from a lower density zoning designation (i.e. Single Family Residential (SFR)) to a higher density zoning designation, such as Medium Density Residential (R-2). Table 3.1 identifies the properties recommended to be rezoned in the existing UGB. These properties are shown on Map 13.

**Table 3.1: Efficiency Measure Properties** 

| Мар    |               |             |           | Existing | Proposed |
|--------|---------------|-------------|-----------|----------|----------|
| Number | Map & Tax Lot | Gross Acres | Net Acres | Zoning   | Zoning   |
| 1      | 24E13DD01201  | 1.19        | 1.19      | SFR      | R-2      |
| 2      | 24E13DB02100  | 0.36        | 0.36      | C-1      | R-3      |
| 3      | 24E13CA06500  | 0.09        | 0.09      | R-3      | C-1      |
|        | 24E13CA06600  | 0.07        | 0.07      | R-3      | C-1      |
| 4      | 24E14AD03500  | 0.73        | 0.73      | R-3      | C-2      |
|        | 24E14AD03600  | 0.16        | 0.16      | R-3      | C-2      |
|        | 24E14AD03700  | 0.32        | 0.32      | R-3      | C-2      |
|        | 24E14AD03800  | 0.32        | 0.32      | R-3      | C-2      |
| 5      | 24E15AD00100  | 9.27        | 7.87      | SFR      | C-2      |
| 6      | 24E15AD00200  | 9.97        | 9.97      | SFR      | R-2      |
| 7      | 24E15 00801   | 2.52        | 2.52      | SFR      | R-2      |
| 8      | 24E15A 00205  | 1.69        | 1.69      | I-2      | I-1      |
| 9      | 24E10 05100   | 24.03       | 12.60     | I-2      | C-2      |
| 10     | 24E10 05700*  | 6.88        | 6.88      | I-2      | I-1      |
| 11     | 24E14 01120   | 1.00        | 1.00      | I-2      | I-1      |

<sup>\*</sup>Half of 24E1005700 (3.44 acres) is already developed

# **Efficiency Measure Adjustments**

As explained in the 2015 Urbanization Study, code amendments in December 2013 modified the permitted and conditional use sections in the C-2 and I-1 zoning districts to make the two districts mirror each other in regards to permitted and conditional uses. With this in mind, the study identified an adjustment factor that is applied to these zones specifying the projected split between commercial and industrial uses when these properties are developed. For the purposes of this study and as in the 2015 Urbanization Study properties in the C-2 zone will are assumed to develop with 90 percent commercial uses and 10 percent industrial uses and the I-1 zone are assumed to develop with 85 percent commercial uses and 15 percent industrial uses. These adjustments are shown on Table 3.2 below.

**Table 3.2: Efficiency Measure Adjustments** 

| Table 5-11 Indicately measure / tajastinents |                  |               |                        |                          |
|--|------------------|---------------|------------------------|--------------------------|
| Land Use Type                                | Original<br>Zone | Proposed Zone | C-2/I-1<br>Adjustments | Zone Change<br>Total Net |
| LDR  | 21.55            | 0.00          |                        | (21.55)                  |
| MDR  | 0.00             | 13.67         |                        | 13.67                    |
| HDR  | 1.70             | 0.36          |                        | (1.34)                   |
| C-2 (90/10 % mix)                            | 0.00             | 22.01         |                        |                          |
| Commercial                                   | 0.36             | 0.16          | 25.02                  | 24.82                    |
| I-1 (85/15% mix)                             | 0.00             | 6.13          |                        |                          |
| Industrial                                   | 18.73            | 0.00          | 3.12                   | (15.61)                  |

Table 3.3, Effect of Efficiency Measures, shows the effect to the land deficit need as a result of the above identified zone changes. With these changes the deficit in the Medium Density Residential category will be eliminated and the Commercial category deficit is nearly reduced by half. However, these changes also result in an increase in the Low Density Residential deficit and slight decreases to the acreage surpluses of High Density Residential and Industrial land.

**Table 3.3: Effect of Efficiency Measures** 

| Land Use Type | Efficiency<br>Measures | Existing<br>Land<br>Needs | Adjusted<br>UGB |
|---------------|------------------------|---------------------------|-----------------|
| LDR           | (21.55)                | (276.8)                   | (298.4)         |
| MDR           | 13.67                  | (4.5)                     | 9.2             |
| HDR           | (1.34)                 | 13.9                      | 12.6            |
| Commercial    | 24.82                  | (51.8)                    | (27.0)          |
| Industrial    | (15.61)                | 45.0                      | 29.4            |

#### **Residential Expansion Recommendation**

As shown on Table 3.3 above, the proposed zone changes to the 15 identified properties within the existing UGB resolve the land deficit in the MDR category but also result in an increase in the LDR category deficit. As such, expanding the UGB is still necessary in order to satisfy the identified low density residential need. The properties recommended to be included in an expanded UGB are generally those receiving high serviceability scores and are located such that they are readily serviced by existing facilities and accessible to transportation facilities. As discussed in detail below, the preferred expansion alternative includes 57 tax lots totaling 418.7 acres in gross area and 317.5 acres in net area. The proposed total residential expansion exceeds the needed net acres of 281.3 acres (LDR + MDR) by 28.4 acres or 10 percent.

The preferred Residential Expansion alternative shown on Map 14 consists of two primary expansion areas referred to in this study as the Northern and Southern Residential Expansion Areas. This expansion alternative provides for an efficient, orderly and economically viable expansion of the UGB providing for logical annexation of properties into the city limits. The specific properties included in this alternative are identified in Tables 3.4 and 3.5 below.

**Northern Expansion Area** - The Northern Expansion Area (NEA) includes 13 properties totaling 163.4 gross acres. Approximately 64.84 acres of the NEA is constrained, resulting in 98.56 net acres of buildable land. An easement associated with the Bonneville Power Administration high voltage line corridor is the primary constraint in this area. All properties in the NEA are rated high for sanitary sewer and water service and the majority of the area is close to existing transportation connections. A portion of this expansion area is identified to include the extension of a collector street as identified on the Transportation System Plan and the majority of the parcels in this area are greater than five acres in size.

**Table 3.4: Northern Residential Expansion Properties** 

| Map & Tax Lot | <b>Gross Acres</b> | Net Acres |
|---------------|--------------------|-----------|
| 24E10 00200   | 28.14              | 23.48     |
| 24E11 02200   | 38.95              | 26.60     |
| 24E11 02300   | 38.96              | 25.41     |
| 24E11 02900   | 5.92               | 5.64      |
| 24E11 02901   | 0.99               | 0.74      |
| 24E11 02902   | 2.96               | 2.46      |
| 24E11 03000   | 9.88               | 7.37      |
| 24E11 03100   | 8.52               | 2.69      |
| 24E11 03101   | 1.00               | 0.75      |
| 24E11 03102   | 0.36               | 0.32      |
| 24E11 03200   | 0.45               | 0.34      |
| 24E11 03202   | 9.55               | 2.76      |
| 24E11AB00600  | 17.72              | 0.00      |
| Total         | 163.40             | 98.56     |

**Southern Expansion Area** - The Southern Expansion Area (SEA) contains 44 properties totaling 255.27 gross acres. Approximately 36.37 acres of the SEA is constrained, resulting in 218.9 net acres of buildable land. The primary constraint in this area is a portion of the Tickle Creek stream corridor. Most properties in the SEA are rated high for sanitary sewer and water service and the majority of the area is close to existing transportation connections. The SEA contains parcels in a range of sizes with the majority of parcels greater than two acres with a number greater than five acres in size.

**Table 3.5: Southern Residential Expansion Properties** 

| Tubic 313. 30dtiletti Nesi |             |           |
|----------------------------|-------------|-----------|
| Map & Tax Lot              | Gross Acres | Net Acres |
| 24E15 03700                | 1.85        | 1.60      |
| 24E23 00200                | 15.19       | 14.94     |
| 24E23 00501                | 4.36        | 4.11      |
| 24E23 00506                | 4.80        | 4.55      |
| 24E23 00507                | 4.86        | 3.53      |
| 24E23 00508                | 4.76        | 4.51      |
| 24E23 00514                | 2.05        | 2.05      |
| 24E23 00515                | 2.45        | 2.45      |
| 24E23 00516                | 2.41        | 2.16      |
| 24E23 00518                | 4.60        | 4.35      |
| 24E23 00800                | 2.36        | 2.36      |
| 24E23 00801                | 4.66        | 4.66      |
| 24E23 00802                | 4.75        | 4.75      |
| 24E23 00803                | 9.07        | 9.07      |
| 24E23 00804                | 2.34        | 2.34      |
| 24E24A 00400               | 11.90       | 9.72      |
| 24E24A 00401               | 2.36        | 2.11      |
| 24E24A 00500               | 3.65        | 2.54      |
| 24E24A 00501               | 1.49        | 1.24      |
| 24E24A 00600               | 1.00        | 0.75      |
| 24E24A 00700               | 8.55        | 4.77      |
| 24E24A 00800               | 4.00        | 2.16      |
|                            |             |           |

| Map & Tax Lot | Gross Acres | Net Acres |
|---------------|-------------|-----------|
| 24E24A 00801  | 6.22        | 3.73      |
| 24E24A 00900  | 10.04       | 7.65      |
| 24E24A 01000  | 2.80        | 1.36      |
| 24E24A 01100  | 1.00        | 0.00      |
| 24E24A 01200  | 2.60        | 2.35      |
| 24E24A 01300  | 2.83        | 2.58      |
| 24E24A 01400  | 2.00        | 1.75      |
| 24E24A 01900  | 2.98        | 2.73      |
| 24E24A 02000  | 4.40        | 4.15      |
| 24E24A 02300  | 9.64        | 8.34      |
| 24E24C 00100  | 25.35       | 21.68     |
| 24E24C 01900  | 1.04        | 0.79      |
| 24E24C 02000  | 1.05        | 0.80      |
| 24E24C 02100  | 7.80        | 7.80      |
| 24E24D 01400  | 4.86        | 4.60      |
| 24E24D 01700  | 3.28        | 3.03      |
| 24E24D 01800  | 2.20        | 1.95      |
| 24E24D 01900  | 1.17        | 0.92      |
| 24E24D 02200  | 3.04        | 2.79      |
| 25E19 01000   | 37.90       | 33.33     |
| 25E19 01800   | 17.97       | 14.46     |
| 25E19BB02500  | 1.64        | 1.39      |
| Total         | 255.27      | 218.90    |

#### **Additional Residential Properties**

In order to create a logical expansion boundary, 13 additional properties totaling 19.41 gross acres are proposed to be included in the preferred UGB residential expansion alternative. These properties are clustered in three separate locations near properties to be included in the residential expansion alternative and the Sandy River Park. Three of the properties are contiguous to the Southern Expansion Area just north of Highway 211 at Ponder Lane. Although relatively small in size and unlikely to have much additional development potential, including these properties in the UGB expansion alternative are needed to help facilitate development of the 15 acre property proposed to be included in the UGB expansion to the north of these properties. Eight properties proposed to be included are located adjacent to the Eastern Commercial Expansion Area (discussed below) at the far eastern boundary of the existing UGB. This area consists of residential properties located behind an area of mostly developed commercial properties along Highway 26 at Luzon Lane. Not including these properties would isolate a small group of residential properties at the far eastern border of the URA. The other two properties are located between the existing UGB and the Sandy River Park

to the south of Marcy Street. Including these two properties adds an island under one acre in size that has slope and access constraints. Table 3.6 lists the specific additional residential properties to be included in the preferred UGB expansion.

**Table 3.6: Additional Residential Properties** 

| Map & Tax Lot | Gross<br>Acres |
|---------------|----------------|
| 24E13BB00600  | 0.45           |
| 24E13BB00700  | 0.48           |
| 25E19AD00300  | 0.75           |
| 25E19AD00400  | 0.34           |
| 25E19AD00501  | 0.69           |
| 25E19AD00500  | 0.25           |
| 25E19AD00100  | 1.94           |
| 25E19AD00200  | 1.15           |
| 25E19AD01100  | 0.63           |
| 25E20 00900   | 6.59           |
| 24E23 00502   | 1.79           |
| 24E23 00201   | 2.35           |
| 24E23 00202   | 2.00           |
| Total         | 19.41          |

## **Residential Land Expansion Summary**

As described above, the preferred alternative for addressing the residential land need shown on Map 14 includes three types of properties: 1) efficiency measures to change Comprehensive Plan and Zoning designations for selected properties within the existing UGB; 2) developable land to add to the UGB; and, 3) additional properties to add to the UGB necessary to form a logical expansion boundary. In total, 70 properties representing 438.1 gross acres are proposed to be added to the UGB to address residential land needs.

#### **Employment Expansion Recommendation**

As noted on Table 3.3 above, with implementation of the efficiency measures discussed above a 27.0 net acre deficit of commercial land still exists in the UGB. For this reason the UGB will need to be expanded to include additional commercial land. The preferred Employment Expansion alternative consists of two primary expansion areas referred to in this study as the Eastern and Western Commercial Expansion Areas. The employment land expansion alternative as shown on Map 15 provides for an efficient, orderly and economically viable expansion of the UGB providing for logical annexation of properties into the city limits. The specific properties included in this alternative are identified in Table 3.7 below.

**Eastern Expansion Area** - The Eastern Expansion Area (EEA) includes eight properties totaling 12.67 gross acres which are adjacent to already development commercial properties. No portion of the EEA is constrained, resulting in 12.67 net acres of buildable land. Most properties in the EEA are rated high for water service and the majority of the area is close to existing transportation connections.

**Western Expansion Area** - The Western Expansion Area (WEA) contains eight properties totaling 34.02 gross acres. Approximately 12.83 acres of the WEA is constrained, resulting in 21.19 net acres of buildable land. The primary constraint in this area is a tributary of the Tickle Creek stream corridor. Most properties in the WEA received high scores for sanitary sewer and water serviceability and the majority of the area is close to existing transportation connections. The WEA contains parcels in a range of sizes with about half of the parcels greater than two acres and one parcel greater than five acres in net area.

**Table 3.7: Employment Expansion Properties** 

| Western Expansion Area |             |           |  |  |
|------------------------|-------------|-----------|--|--|
| Map & Tax Lot          | Gross Acres | Net Acres |  |  |
| 24E10 04400            | 1.66        | 1.15      |  |  |
| 24E10 04500            | 2.54        | 2.54      |  |  |
| 24E10 05300            | 5.53        | 1.14      |  |  |
| 24E10 05301            | 0.93        | 0.93      |  |  |
| 24E10 05302            | 0.75        | 0.75      |  |  |
| 24E10 05400            | 20.32       | 12.95     |  |  |
| 24E10 05490            | 0.29        | 0.29      |  |  |
| 24E10 05502            | 2.00        | 1.44      |  |  |
| Total 34.02 21.19      |             |           |  |  |

| Eastern Expansion Area |             |           |  |  |
|------------------------|-------------|-----------|--|--|
| Map & Tax Lot          | Gross Acres | Net Acres |  |  |
| 25E19AD00600           | 0.41        | 0.41      |  |  |
| 25E19AD01300           | 1.00        | 1.00      |  |  |
| 25E19AD01400           | 1.72        | 1.72      |  |  |
| 25E19AD01401           | 4.19        | 4.19      |  |  |
| 25E19AD01500           | 1.96        | 1.96      |  |  |
| 25E19AD01900           | 1.50        | 1.50      |  |  |
| 25E19AD02000           | 0.88        | 0.88      |  |  |
| 25E20 01000            | 1.01        | 1.01      |  |  |
| Total                  | 12.67       | 12.67     |  |  |

### **Additional Employment Properties**

The preferred expansion recommendation also includes nine additional developed properties located near the Eastern Expansion Area along Highway 26 also shown on Map 15. The inclusion of these properties provides a natural extension of the UGB as the employment expansion alternative proposes including adjacent properties. Eventually the developed buildings in this area will be updated to meet City design standards or the properties will be redeveloped to meet City code for both building and site requirements. As explained above, already developed acres are not counted as vacant land to fulfill the identified land deficits. Table 3.8 list the additional employment lands proposed to be included in the UGB expansion.

**Table 3.8: Additional Employment Properties** 

| Map & Tax Lot | Gross<br>Acres |
|---------------|----------------|
| 25E19AD00601  | 0.39           |
| 25E19AD01000  | 0.64           |
| 25E19AD00900  | 0.45           |
| 25E19AD00800  | 0.46           |
| 25E19AD00700  | 0.45           |
| 25E19AD01101  | 0.50           |
| 25E19AD01700  | 1.20           |
| 25E19AD01800  | 1.37           |
| 25E19AD01403  | 3.07           |
| Total         | 8.53           |

# Sandy River Park Expansion Area

As noted in Chapter 1, the Final Study Area includes the 114.5 acre Sandy River Park property owned by the City of Sandy. This property was annexed into the city limits in 2012 but the property remains outside the UGB. The property is contiguous to the existing UGB and is designated Parks and Opens Space (POS) limiting development. The Sandy River Park annexation area also includes one inland consisting of six small properties totaling 3.38 acres located between the Sandy River Park boundary and the existing UGB. These properties have limited development potential due to steep slopes, limited access, and Development Code restrictions (Chapter 17.60). Table 3.9 lists the specific properties in this expansion area. The total area of the entire Sandy River Park Annexation Area is about 125 acres.

**Table 3.9: Sandy River Park Properties** 

| Map & Tax Lot | Gross<br>Acres |
|---------------|----------------|
| 24E12 00602   | 9.53           |
| 24E14AA02100  | 1.13           |
| 24E14AA02200  | 1.07           |
| 24E14AA02490  | 0.51           |
| 24E14AA02200  | 0.03           |
| 24E14AA02300  | 0.30           |
| 24E14AA02300  | 0.34           |
| 24E13BB00101  | 12.51          |

|               | Gross  |
|---------------|--------|
| Map & Tax Lot | Acres  |
| 24E13BB00100  | 19.45  |
| 24E12 00600   | 50.60  |
| 24E12 00700   | 8.60   |
| 24E12 00701   | 8.31   |
| 24E11DD00100  | 2.72   |
| 24E11DD03300  | 2.77   |
| Sandy River   | 7.18   |
| Total         | 125.06 |

# **Preferred Expansion Alternative Summary**

As shown in Table 3.10, the preferred expansion alternative addresses all of the land needs identified in the 2015 Urbanization Study and the preferred alternative results in a slight surplus in all land use types. The alternative identifies both specific properties proposed to be to re-designated (efficiency measures) in the existing UGB and new properties to be included in an expanded UGB.

Table 3.10: Area of Land Surplus (deficit) of the Preferred UGB Expansion Alternative

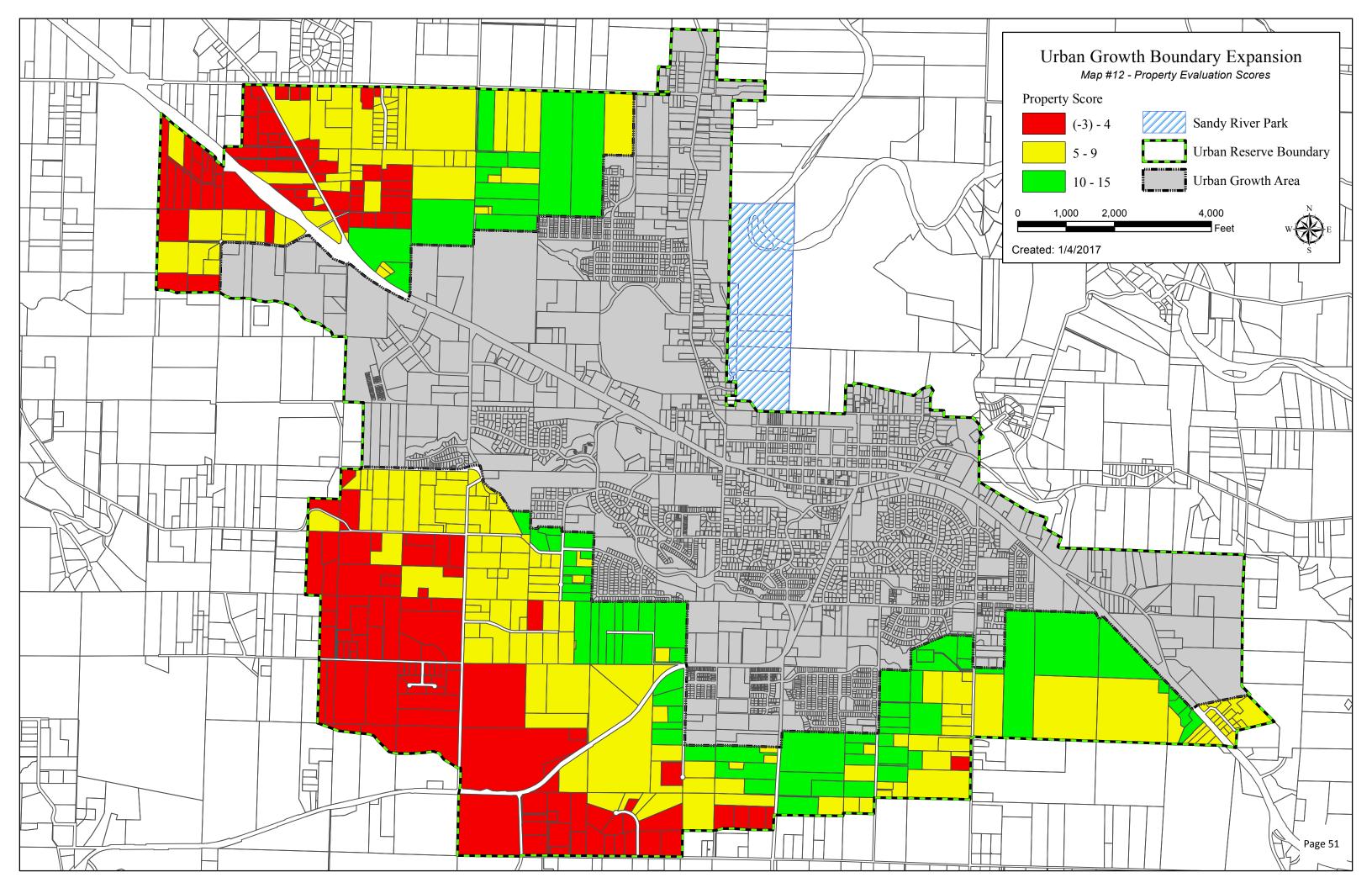
|               | Existing   | Efficiency | Expansion   |              |
|---------------|------------|------------|-------------|--------------|
| Land Use Type | Land Needs | Measures   | Alternative | Adjusted UGB |
| LDR           | (276.8)    | (21.55)    | 317.50      | 19.2         |
| MDR           | (4.5)      | 13.67      |             | 9.2          |
| HDR           | 13.9       | (1.34)     |             | 12.6         |
| Commercial    | (51.8)     | 24.82      | 30.47       | 3.5          |
| Industrial    | 45.0       | (15.61)    | 3.39        | 32.8         |

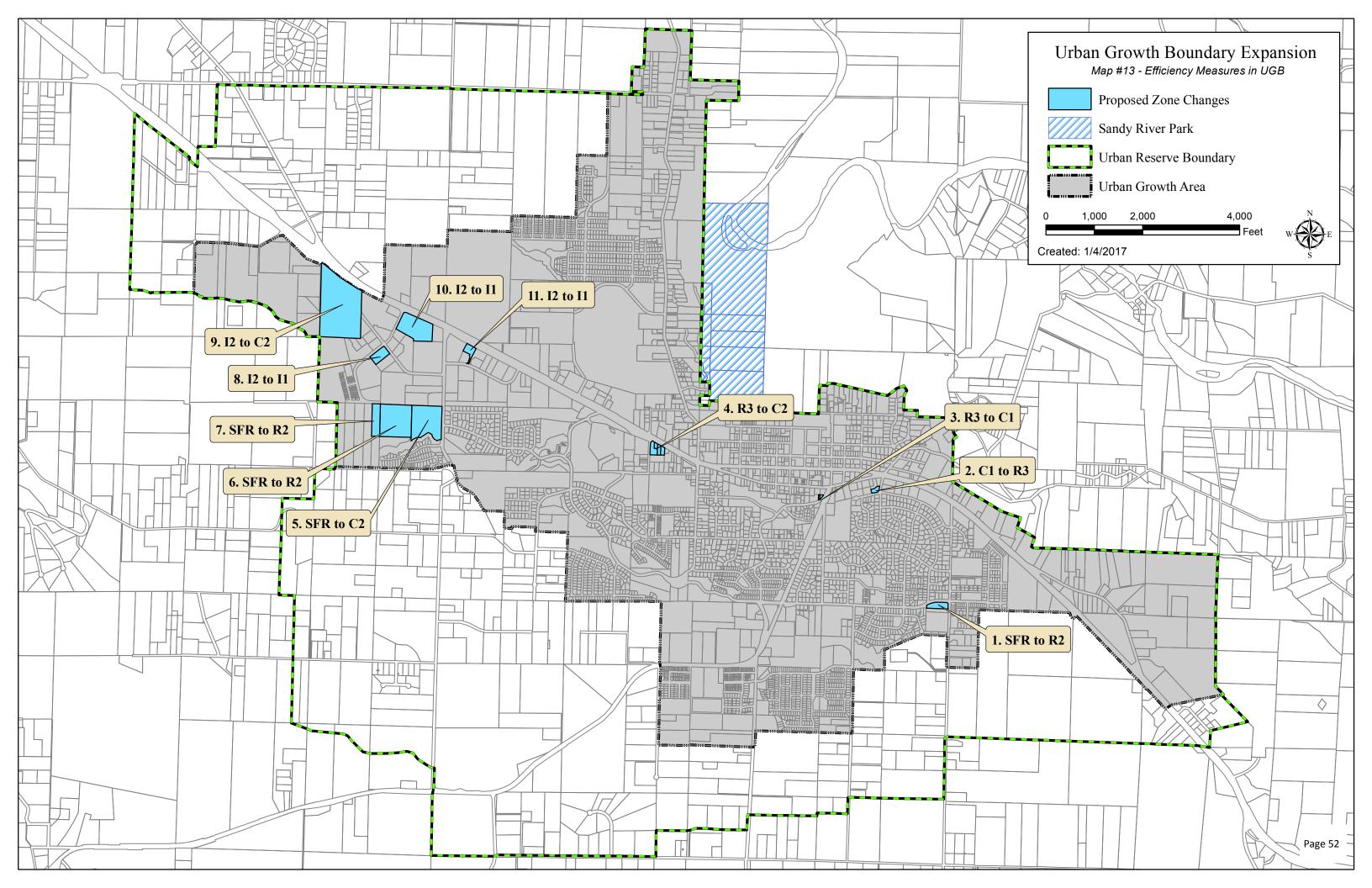
In addition to including properties in the preferred expansion alternative necessary to satisfy the identified land needs, additional residential and commercial properties with limited additional development potential have been included to provide a natural extension of the UGB. These properties include additional residential properties north of Highway 211 at Ponder Lane, residential properties east of Luzon Lane, developed commercial properties at the east edge of the UGB, and properties by the Sandy River Park. Map 16 shows all properties proposed to be included in the expanded UGB with the area of each property type shown on Table 3.11. 'Other Areas' as listed in Table 3.11 include existing rights-of-way and a portion of the Sandy River.

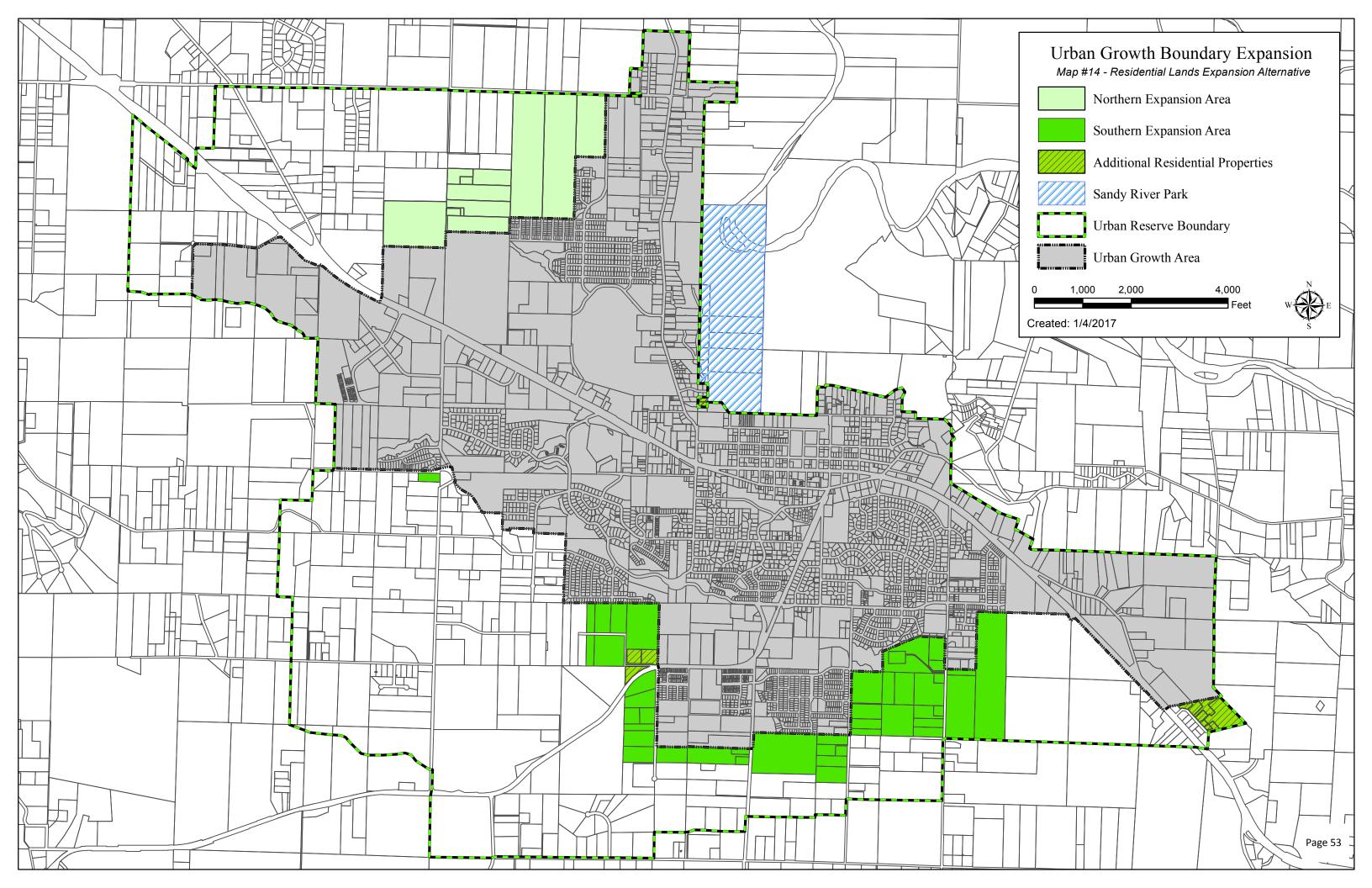
**Table 3.11: Summary of UGB Expansion** 

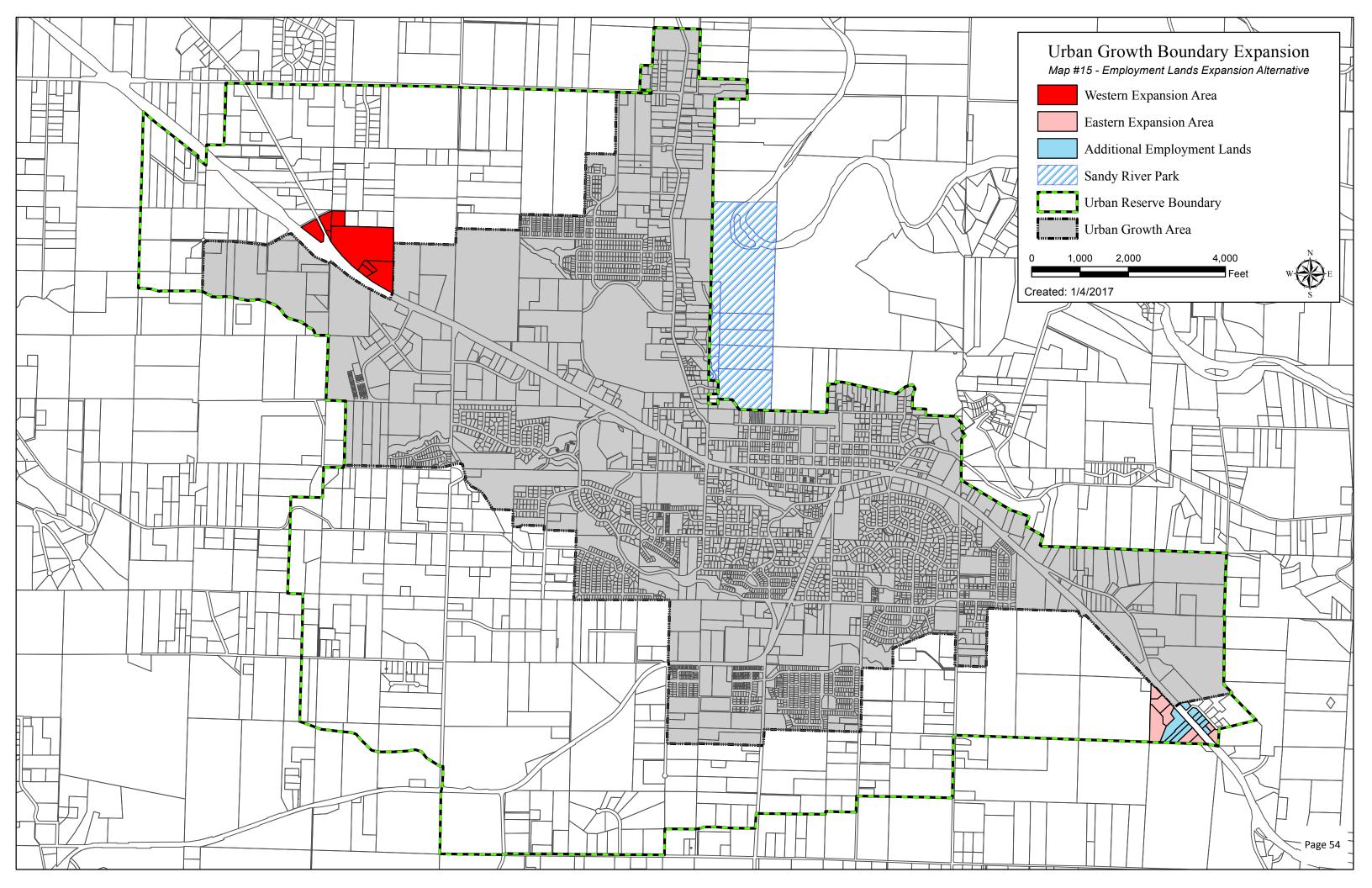
|                        |         | Gross |           |
|------------------------|---------|-------|-----------|
| Land Use Type          | Taxlots | Acres | Net Acres |
| Residential            | 57      | 418.7 | 317.5     |
| Additional Residential | 13      | 19.4  | 19.4      |
| Residential Total      | 70      | 438.1 | 336.9     |
| Employment             | 16      | 46.7  | 33.9      |
| Additional Employment  | 9       | 8.5   | 8.5       |
| Employment Total       | 25      | 55.2  | 42.4      |
| Sandy River Park       | 14      | 117.9 | 117.9     |
| Other Areas            | n/a     | 45.6  | 45.6      |
| Total                  | 109     | 656.8 | 542.8     |

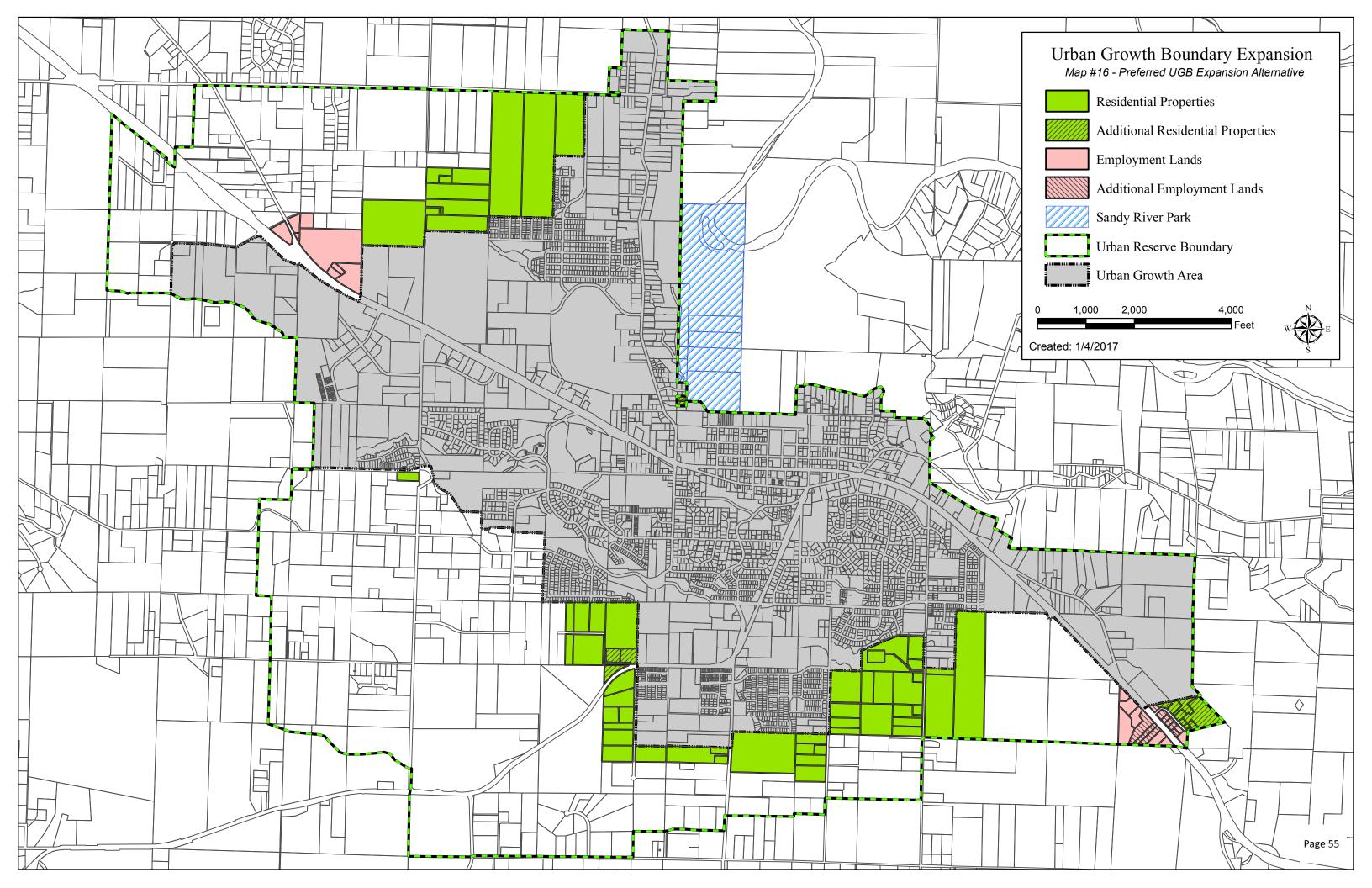
Map 17 shows the preferred alternative identifying all properties to be included in an expanded UGB and the efficiency measure properties within the existing UGB. Map 18 shows the proposed zoning for all properties in the preferred alternative and Map 19 shows these same properties in addition to the zoning designations for all properties within the existing UGB. Map 20 shows the Comprehensive Plan designations for all properties in the preferred alternative and within the existing UGB.

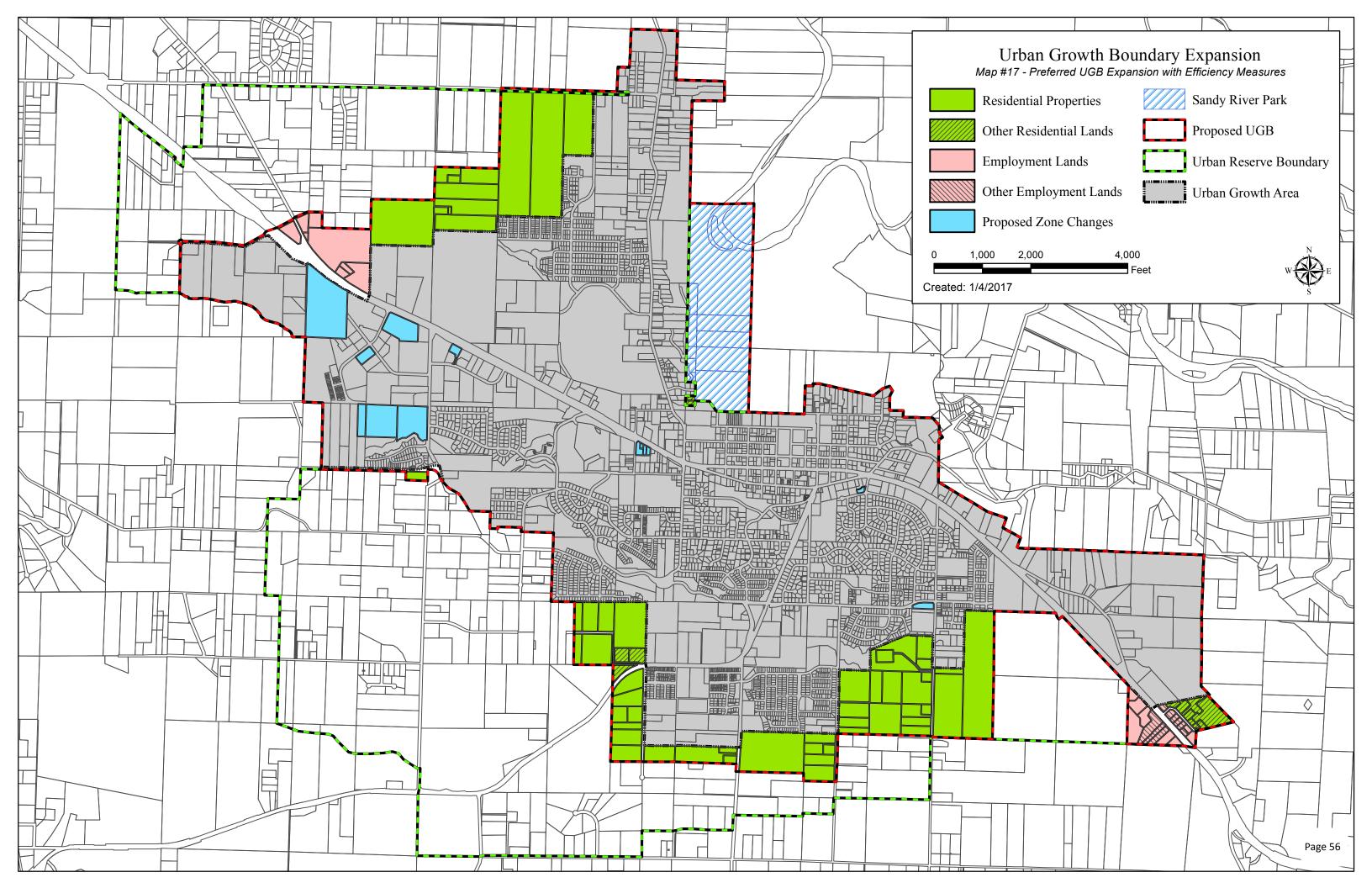


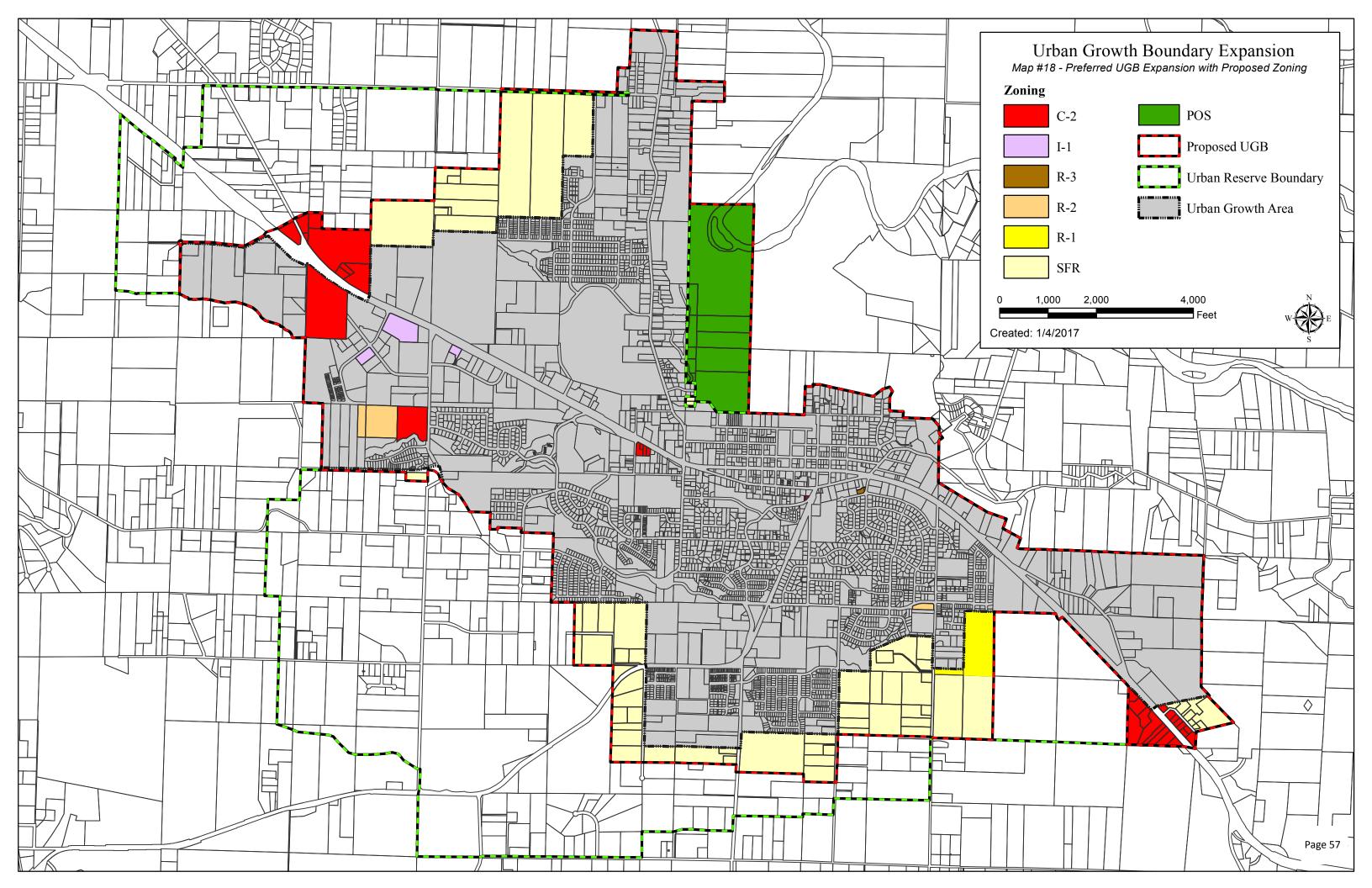


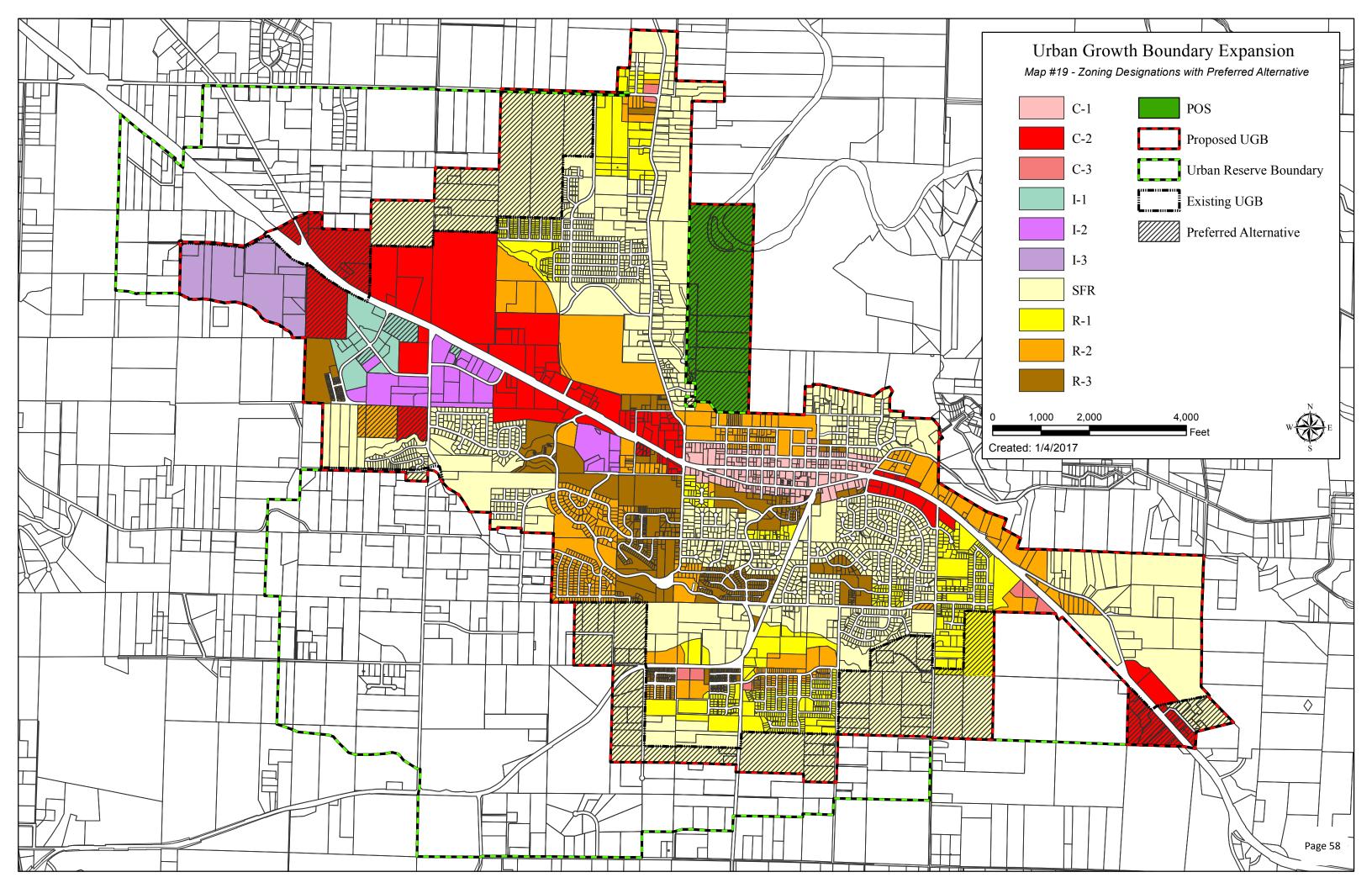


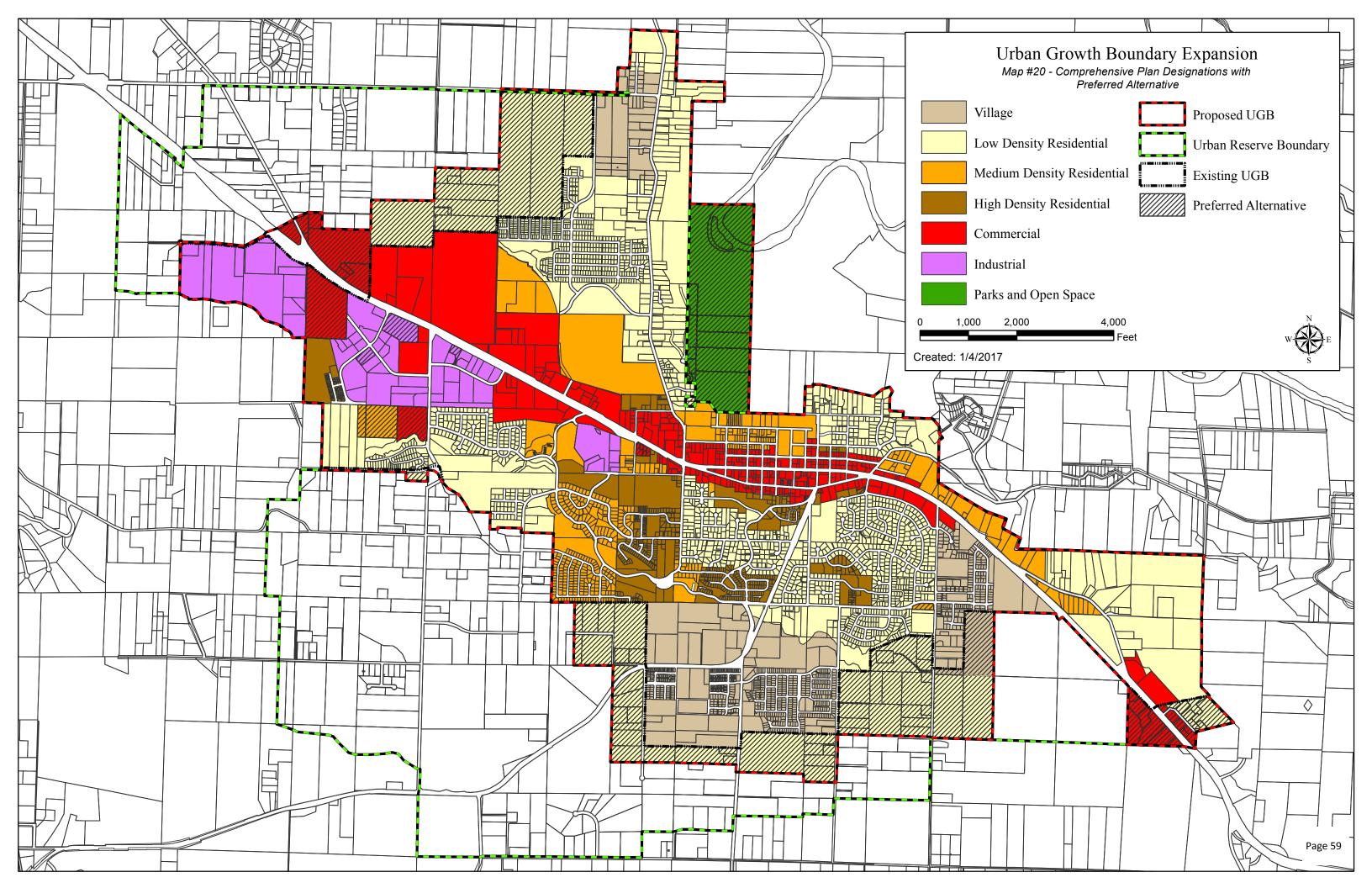












# **Chapter 4. Expansion Alternative Justification**

The purpose of this chapter is to provide a review of relevant state laws and administrative rules related to expanding the urban growth boundary and legal Findings regarding applicable Statewide Planning Goals. This chapter will be completed prior to adoption.

- 1. Goal 1 Citizen Involvement. The City held three public workshops and two public hearings prior to adopting the Urban Growth Boundary Expansion Analysis (the "Analysis"). Public workshops were held on March 3 and March 8, 2016 and the City held a third workshop before the City Council on December 13, 2016. The City held one public hearing on November 28, 2016 before the Planning Commission and one public hearing was held before the City Council on January 17, 2017. All workshops and public hearings were duly noticed in accordance with state law and the City's code. In addition, the City applied for a comprehensive plan amendment with Clackamas County on January 4, 2017. Both the County's Planning Commission and the Clackamas County Board of Commissioners will hold hearings to consider the parts of the Analysis pertinent to the County. Goal 1 is satisfied.
- 2. Goal 2 Land Use Planning. With respect to the Analysis and its related amendments, Goal 2 requires that the City's decision be coordinated with other governmental entities and be supported by an adequate factual base. The City adopted the Analysis in coordination with Clackamas County as described above. In addition, the City adopted the Analysis in coordination with the Oregon Department of Land Conservation and Development ("DLCD") and the Oregon Department of Transportation ("ODOT"). Evidence of the City's coordination with DLCD and ODOT is in the record. Once Clackamas County approves an amendment to the County's plan consistent with the Analysis, the City will submit the Analysis to the Oregon Land Conservation and Development Commission ("LCDC") for approval pursuant to ORS 197.626(1)(b) (requiring UGB expansions greater than 50 acres to follow the process for periodic review).

The decision is supported by an adequate factual base as demonstrated in the record, the Analysis and these findings. An "adequate factual base" requires that substantial evidence exist in the entire record to support the decision – that is, evidence that reasonable persons would rely on in making day-to-day decisions. *1000 Friends of Oregon v. City of North Plains*, 27 Or LUBA 372 (1994). The evidence relied upon by the Council in adopting the Analysis was collected by City of Sandy staff, in accordance with procedures and practices formulated and endorsed by DLCD and DLCD's Goal 14 rules. Goal 2 is satisfied.

- 3. <u>Goal 3 Agricultural Lands</u>. Pursuant to OAR 660-024-0020(1)(b), Goal 3 is not applicable to the decision.
- 4. Goal 4 Forest Lands. Pursuant to OAR 660-024-0020(1)(b), Goal 4 is not applicable to the decision.

- 5. <u>Goal 5 Natural Resources</u>. Goal 5 is not applicable to the decision. The decision does not affect a Goal 5 resource under OAR 660-023-0250(3)(a)-(c) because:
  - a. The decision does not "create[] or amend[] a resource list or a portion of an acknowledged plan or land use regulation adopted in order to protect a significant Goal 5 resource or to address specific requirements of Goal 5;"
  - b. The decision does not "allow[] new uses that could be conflicting uses with a particular significant Goal 5 resource site on an acknowledged resource list;" and
  - c. While the decision "amends an acknowledged UGB" no "factual information [was] submitted demonstrating that a resource site, or the impact areas of such a site, is included in the amended UGB area."
- 6. Goal 6 Air Water and Land Quality. The City's Comprehensive Plan with respect to Goal 6 and its development regulations governing land, air and water quality are not affected by the decision. The lands brought into the UGB are all within the City's existing Urban Reserve Area and will retain their existing zoning until annexed into the City in the future. Upon annexation and the application of City zoning designations to those lands, the City will evaluate Goal 6 to determine if any additional regulations are necessary to satisfy the goal beyond those that exist in the City's plan and development code. Goal 6 is satisfied.
- 7. Goal 7 Natural Hazards. The City's Comprehensive Plan with respect to Goal 7 and its development regulations governing natural hazards are not affected by the decision. The City did consider constrained lands when it conducted its analysis of the UGB in 2015 (i.e. the BLA/HNP/EOA contained in the Urbanization Report). The Council adopted that report in 2015 by ordinance and that report is now deemed acknowledged under state law. As discussed in the Analysis, the City also considered various constraints on lands within the study area when it selected the final area of lands to bring into the UGB. The lands brought into the UGB are within the City's existing Urban Reserve Area and will retain their existing zoning until annexed into the City in the future. Upon annexation and the application of City zoning designations to those lands, the City will evaluate Goal 7 to determine if any additional regulations are necessary to satisfy the goal beyond those that exist in the City's plan and development code. Goal 7 is satisfied.
- 8. <u>Goal 8 Recreational Needs</u>. No resorts are contemplated or authorized by the decision. The City's Comprehensive Plan with respect to Goal 8, its parks master plan and its development regulations governing recreational needs (e.g. park dedication/fee in-lieu-of requirements, open space provisions, etc.) are not affected by the decision. Goal 8 is satisfied to the extent is it applicable to the decision.
- 9. Goal 9 Economy. The 2015 acknowledged Urbanization Report included an analysis and update of the City's comprehensive plan with respect to Goal 9 and concluded the existing UGB did not contain sufficient employment lands to meet the City's employment needs to 2034. Specifically, the Urbanization Report contains an economic opportunities analysis ("EOA") that follows the methodology required by OAR 660-009-0015. Based on that acknowledged EOA, the City has added approximately 30 acres of commercial land to its

- UGB and changed the zoning on approximately 25 acres to commercial zoning to satisfy its employment land needs through 2034. In addition, the Council relies on the study and findings contained in the Analysis to conclude that Goal 9 is satisfied.
- 10. Goal 10 Housing. The 2015 acknowledged Urbanization Report included an analysis and update of the City's comprehensive plan with respect to Goal 10 and concluded the existing UGB did not contain sufficient residential lands to meet the City's housing needs to 2034. Specifically, the Urbanization Report contains a buildable lands inventory ("BLI") and a housing needs projection ("HNP"), both of which follow the methodologies required by ORS 197.296, Goal 10 and OAR Chapter 660, division 8. Based on the acknowledged BLI and HNP, the City changed approximately 22 acres of low density residential land to another zoning designation to meet an identified need and added approximately 318 acres of low density residential land. To meet the identified medium density residential need, the City changed the zoning on approximately 14 acres of land zoned another designation to medium density residential. These changes satisfy the City's housing needs through 2034. In addition, the Council relies on the study and findings contained in the Analysis to conclude that Goal 10 is satisfied.
- 11. Goal 11 Public Facilities. The City's Comprehensive Plan with respect to Goal 11, its public facility plan and its standards governing public facilities in its development code are not affected by the decision. The City's comprehensive plan contains an acknowledged Goal 11 element that contains policies to ensure sufficient and adequate public services are available (or will be available as appropriate) to serve lands within the UGB. The Analysis prioritizes the serviceability of lands and discusses on a parcel-by-parcel basis which lands will be the easiest, least costly and least environmentally harmful to serve with public facilities. For these reasons and based upon the study and findings contained in the Analysis, the Council finds Goal 11 is satisfied.
- 12. <u>Goal 12 Transportation</u>. The City's Comprehensive Plan with respect to Goal 12, its transportation system plan and its standards governing transportation and transportation-related facilities are not affected by this decision. The City's comprehensive plan has an acknowledged Goal 12 element that contains policies to ensure sufficient and adequate transportation facilities and services are available (or will be available as appropriate) to serve lands within the UGB. The City adopted a new transportation system plan in accordance with OAR Chapter 660, division 12 in December of 2011. That plan is now deemed acknowledged in accordance with state law. In addition, OAR 660-024-0020(1)(d) expressly does not require the City to conduct an analysis pursuant to the transportation planning rule ("TPR") prior to adopting this decision to expand the UGB. This is because the lands that are being added to the UGB will retain their existing county zoning until the owners of the lands choose to annex into the City. At that time, the City will conduct a TPR analysis relative to those lands. Therefore, Goal 12 is satisfied.
- 13. <u>Goal 13 Energy Conservation</u>. The City's Comprehensive Plan with respect to Goal 13 and its standards governing energy conservation are not affected by the decision. The City's

acknowledged development code contains various criteria that implement Goal 13 (including lot size and siting controls, density considerations including opportunities to increase densities in exchange for additional open space and criteria to encourage and maximize passive solar designs in new construction. These criteria will apply to all lands brought into the UGB in this decision upon their annexation into the City. Goal 13 is satisfied.

- 14. <u>Goal 14 Urbanization</u>. The Analysis was prepared in strict conformance with the Goal 14 rule OAR Chapter 660, division 24. The City initially undertook a study to evaluate its UGB and adopted the Urbanization Report by ordinance in 2015. As discussed above, the Urbanization Report found the City had needs for additional land in its UGB. The Urbanization Report is now acknowledged and served as the basis for the Analysis this decision approves. The Analysis itself contains the rigorous analysis that OAR Chapter 660, division 24 demands and contains findings demonstrating compliance with Goal 14. It speaks for itself and therefore does not need to be restated in detail in this section of the findings. For these reasons and based upon the Analysis' findings and conclusions, Goal 14 is satisfied.
- 15. Goals 15 19. Sandy is not subject to these Goals and thus they are not applicable.
- 16. SMC 17.24.70 Comprehensive Plan Amendment Review Criteria.
  - a. The need identified by the Council is the need to plan wisely for future growth within the City of Sandy. The City seeks to continue to provide sufficient residential and employment opportunities to its existing and future residents. In order to make this determination it must evaluate and analyze its anticipated future needs for residential and employment lands. Once the City adopted the 2015 Urbanization Report, it was clear that the City needed more land for employment and residential purposes.
    - As discussed above, Goal 14 and the Goal 14 rule govern this evaluation. In fact, with respect to future land use needs, the City believes it has little-to-no discretion to plan for future growth within Sandy without undertaking the analysis required by the rule. In response to a land shortage, the rule states the City "must amend [its] plan to satisfy the need deficiency." The Analysis demonstrates that only a small portion of the need can be reasonably accommodated by increasing development capacity with the existing UGB. The City is meeting the remaining need by bringing Urban Reserve lands into the UGB. According to ORS 197A.320, these Urban Reserve lands are the first lands the City should consider when bringing new lands into the UGB.
  - b. The decision complies with all applicable statewide planning goals as discussed in these findings and the record.
- 17. Relevant County Policies.

a. Clackamas County Comprehensive Plan Chapter 4.A.2. This section requires the County to "[c]oordinate with affected cities in designating urban areas outside of Metro. Land designated as a Rural Reserve, as shown on Map 4-9, shall not be designated as an Urban Reserve or added to an urban growth boundary." The section lists a number of issues to address when a city such as Sandy expands its UGB and designates property over which the County has jurisdiction as urban.

As discussed above and in the Analysis, the City is expanding its UGB solely into Urban Reserve areas to meet residential and employment land needs through 2034. The 2015 Urbanization Report, which is now acknowledged, demonstrates Sandy needs this land in order to continue to provide housing and employment opportunities to its residents, the County and the region.

The Urban Reserve lands added to the UGB are those that are best able to accommodate urban services in a manner that is least costly and most orderly to the City and the property owners. The Analysis contains a detailed study of this issue and is generally described in Factor 2 on page 29 of the Analysis.

The lands added to the UGB will ensure efficient utilization of land within urban areas. Factor 1 on page 29 of the Analysis addresses this issue. In essence, the City concludes the most efficient utilization will result from lands that are contiguous or adjacent to existing development. Because all of the lands are being drawn from the City's existing Urban Reserve areas, the addition of these lands will ensure their efficient utilization.

For the reasons stated in the Analysis, the City believes the lands added to the UGB are best suited for urban uses based on consideration of environmental, energy, economic and social consequences. Factor 3 on page 29 of the Analysis describes the City's reasoning as to why the lands it includes in the UGB expansion will have the fewest negative consequences on the environment, energy resources and economic resources and societal consequences. In essence, the lands' immediate proximity to the existing UGB will generally lead to many positive ESEE consequences and very few negative ones.

The City is not adding any lands to the UGB that are zoned agricultural. Again, all lands being added are designated Urban Reserve. The City has considered the compatibility of the added lands with adjacent agricultural activities. Factor 4 on page 30 of the Analysis and other sections of the Analysis referred to in Factor 4 address this issue in detail. Ultimately, the City finds that the added lands are compatible with adjacent agricultural activities.

Finally, the City believes that the land it proposes to add to the UGB, all of which are within the City's Urban Reserve and abut the existing UGB, provide the best opportunities to limit commuting distances, traffic congestion and pollution. By virtue of abutting the current UGB, these lands will provide the shortest distance between the

- employment and recreational centers of Sandy and the homes and businesses that will locate on the added lands to the UGB.
- b. <u>Urban Growth Management Agreement</u>. The 2001 Urban Growth Management Agreement ("UGMA") between the City and the County assigns to the City the responsibility to initiate all legislative amendments to the City's UGB and URA. All final legislative amendments to the City's and County's plans regarding the UGB or URA are deemed incorporated into the UGMA. The UGMA states the City shall proceed with adoption of the amendment first, followed by County adoption of the amendment.

According to the UGMA, the City is responsible for all comprehensive plan designations in its UGB and its URA. Additionally, County zoning will remain in place in accordance with ORS 215.130, until the City applies a City designation. While not expressly stated in the UGMA, the City will only apply a City zoning designation at the time a property owner annexes into the City. Outside of existing exception areas, the County is prohibited from creating parcels less than 10 acres in size within the UGB or URA. The County may not upzone existing exception areas unless authorized by the City.

# **Appendix A. Property Evaluation Scores**

This table presents the property score for each property in the study area.

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E09 05301   | 15            | 5              |
| 24E09 05302   | 15            | 3              |
| 24E09 05400   | 15            | 7              |
| 24E09 05401   | 15            | 1              |
| 24E09 05403   | 15            | 5              |
| 24E09 05405   | 15            | 3              |
| 24E09 05406   | 15            | 5              |
| 24E09 05407   | 15            | 6              |
| 24E09A 01300  | 15            | 3              |
| 24E09A 01400  | 15            | 3              |
| 24E09A 01401  | 15            | 3              |
| 24E09A 01500  | 15            | 5              |
| 24E09A 01501  | 15            | 2              |
| 24E09A 01601  | 15            | 2              |
| 24E09A 01700  | 15            | 4              |
| 24E09A 01800  | 15            | 2              |
| 24E09A 01900  | 15            | 2              |
| 24E09A 02000  | 15            | 3              |
| 24E09A 02100  | 15            | 3              |
| 24E09A 02200  | 15            | 4              |
| 24E09A 02300  | 15            | 3              |
| 24E09A 02400  | 15            | 3              |
| 24E09A 02500  | 15            | 2              |
| 24E09A 02600  | 15            | 3              |
| 24E09A 02700  | 15            | 3              |
| 24E09A 02701  | 15            | 3              |
| 24E09A 02702  | 15            | 1              |
| 24E10 00100   | 18            | 9              |
| 24E10 00200   | 18            | 11             |
| 24E10 00200   | 17            | 3              |
| 24E10 00201   | 18            | 6              |
| 24E10 00202   | 18            | 7              |
| 24E10 00203   | 18            | 9              |
| 24E10 00203   | 18            | 7              |
| 24E10 00204   | 18            | 7              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E10 01201   | 18            | 7              |
| 24E10 01300   | 17            | 5              |
| 24E10 01301   | 17            | 4              |
| 24E10 03400   | 15            | 5              |
| 24E10 03401   | 15            | 6              |
| 24E10 03402   | 15            | 6              |
| 24E10 03403   | 15            | 5              |
| 24E10 03404   | 15            | 4              |
| 24E10 03405   | 15            | 6              |
| 24E10 04100   | 15            | 6              |
| 24E10 04200   | 16            | 6              |
| 24E10 04300   | 17            | 3              |
| 24E10 04400   | 17            | 3              |
| 24E10 04500   | 16            | 8              |
| 24E10 05300   | 17            | 11             |
| 24E10 05301   | 17            | 9              |
| 24E10 05302   | 17            | 7              |
| 24E10 05400   | 17            | 11             |
| 24E10 05490   | 17            | 9              |
| 24E10 05500   | 17            | 4              |
| 24E10 05501   | 17            | 3              |
| 24E10 05502   | 17            | 4              |
| 24E10 05503   | 17            | 4              |
| 24E10AB00100  | 17            | 3              |
| 24E10AB00200  | 17            | 5              |
| 24E10AB00300  | 17            | 5              |
| 24E10AB00400  | 17            | 5              |
| 24E10AB00500  | 17            | 5              |
| 24E10AB00600  | 17            | 5              |
| 24E10AB00700  | 17            | 7              |
| 24E10AB00800  | 17            | 7              |
| 24E10AB00900  | 17            | 7              |
| 24E10AB01000  | 17            | 5              |
| 24E10AB01100  | 17            | 5              |
| 24E10AB01200  | 17            | 5              |
| 24E10AB01300  | 17            | 5              |
| 24E10AB01400  | 17            | 5              |
| 24E10AB01500  | 17            | 7              |
| 24E10AB01600  | 17            | 5              |
| 24E10AB01700  | 17            | 5              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E10AB01800  | 17            | 5              |
| 24E10AB01900  | 17            | 5              |
| 24E10AC00100  | 17            | 4              |
| 24E10AC00101  | 17            | 6              |
| 24E10AC00200  | 17            | 6              |
| 24E10AC00300  | 17            | 5              |
| 24E10AC00400  | 17            | 4              |
| 24E10AC00500  | 17            | 5              |
| 24E10AC00600  | 17            | 3              |
| 24E10AC00700  | 17            | 3              |
| 24E10AC00800  | 17            | 4              |
| 24E10AC00900  | 17            | 5              |
| 24E10AC01000  | 17            | 4              |
| 24E10AC01100  | 17            | 3              |
| 24E10AC01200  | 17            | 4              |
| 24E10AC01300  | 17            | 5              |
| 24E10B 00101  | 17            | 5              |
| 24E10B 00102  | 17            | 7              |
| 24E10B 00103  | 17            | 6              |
| 24E10B 00104  | 17            | 7              |
| 24E10B 00200  | 17            | 3              |
| 24E10B 00201  | 17            | 3              |
| 24E10B 00300  | 17            | 3              |
| 24E10B 00400  | 16            | 3              |
| 24E10B 00500  | 16            | 4              |
| 24E10B 00700  | 16            | 3              |
| 24E10B 00701  | 16            | 4              |
| 24E10B 00800  | 16            | 3              |
| 24E10B 00801  | 16            | 4              |
| 24E10B 00802  | 16            | 3              |
| 24E10B 00803  | 16            | 4              |
| 24E10B 00804  | 16            | 3              |
| 24E10B 00900  | 17            | 3              |
| 24E10B 00901  | 17            | 5              |
| 24E10B 01000  | 16            | 3              |
| 24E10B 01001  | 16            | 4              |
| 24E10B 01002  | 16            | 4              |
| 24E10B 01200  | 16            | 3              |
| 24E10B 01300  | 16            | 4              |
| 24E10B 01301  | 16            | 4              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E10B 01400  | 16            | 3              |
| 24E10B 01500  | 15            | 3              |
| 24E10B 01600  | 16            | 5              |
| 24E10B 01601  | 16            | 4              |
| 24E10B 01700  | 16            | 4              |
| 24E10B 01800  | 16            | 3              |
| 24E10B 01900  | 16            | 5              |
| 24E10B 02000  | 16            | 5              |
| 24E10B 02100  | 16            | 3              |
| 24E10B 02200  | 17            | 4              |
| 24E10B 02300  | 17            | 6              |
| 24E10B 02400  | 17            | 5              |
| 24E10B 02500  | 17            | 3              |
| 24E10B 02600  | 17            | 5              |
| 24E10B 02700  | 17            | 4              |
| 24E10B 02800  | 17            | 6              |
| 24E10B 02900  | 17            | 6              |
| 24E10B 03000  | 17            | 4              |
| 24E11 02200   | 20            | 11             |
| 24E11 02300   | 20            | 11             |
| 24E11 02400   | 19            | 9              |
| 24E11 02500   | 19            | 9              |
| 24E11 02600   | 19            | 9              |
| 24E11 02700   | 19            | 11             |
| 24E11 02800   | 19            | 13             |
| 24E11 02801   | 19            | 13             |
| 24E11 02900   | 19            | 9              |
| 24E11 02901   | 19            | 9              |
| 24E11 02902   | 19            | 12             |
| 24E11 03000   | 19            | 11             |
| 24E11 03100   | 19            | 13             |
| 24E11 03101   | 19            | 9              |
| 24E11 03102   | 19            | 9              |
| 24E11 03200   | 19            | 12             |
| 24E11 03202   | 19            | 15             |
| 24E11AB00600  | 20            | 9              |
| 24E14C 01100  | 11            | 11             |
| 24E14C 01200  | 10            | 8              |
| 24E14C 01300  | 10            | 8              |
| 24E14C 01600  | 10            | 6              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E14C 01700  | 10            | 9              |
| 24E14C 01701  | 10            | 6              |
| 24E14C 01800  | 10            | 5              |
| 24E14C 01801  | 10            | 7              |
| 24E14C 01900  | 10            | 7              |
| 24E14C 02000  | 10            | 5              |
| 24E14C 02300  | 11            | 10             |
| 24E14C 02400  | 11            | 10             |
| 24E14C 02500  | 8             | 14             |
| 24E14C 02600  | 8             | 11             |
| 24E14C 02700  | 8             | 9              |
| 24E14C 02701  | 8             | 10             |
| 24E14C 02800  | 10            | 5              |
| 24E14C 02801  | 10            | 5              |
| 24E14C 02802  | 10            | 7              |
| 24E14C 02900  | 10            | 8              |
| 24E14C 03000  | 8             | 10             |
| 24E14C 03100  | 8             | 9              |
| 24E14C 03200  | 8             | 11             |
| 24E14C 03300  | 10            | 8              |
| 24E14C 03500  | 10            | 8              |
| 24E14C 03600  | 10            | 8              |
| 24E14C 03700  | 8             | 12             |
| 24E14C 03800  | 8             | 10             |
| 24E14C 03900  | 11            | 7              |
| 24E14CB00300  | 14            | 9              |
| 24E14CB00400  | 11            | 5              |
| 24E14CB00401  | 11            | 5              |
| 24E14CB00600  | 11            | 6              |
| 24E14CB00700  | 11            | 5              |
| 24E14CB00800  | 11            | 5              |
| 24E14CB00801  | 11            | 8              |
| 24E14CB01100  | 11            | 9              |
| 24E14CB01101  | 11            | 10             |
| 24E14CB01200  | 11            | 8              |
| 24E14CB01300  | 11            | 7              |
| 24E15 01700   | 14            | 4              |
| 24E15 01800   | 14            | 5              |
| 24E15 02500   | 13            | 2              |
| 24E15 02502   | 13            | 3              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E15 02505   | 13            | 3              |
| 24E15 02600   | 13            | 3              |
| 24E15 02601   | 13            | 4              |
| 24E15 02700   | 13            | 3              |
| 24E15 02701   | 13            | 5              |
| 24E15 02800   | 13            | 3              |
| 24E15 03000   | 14            | 3              |
| 24E15 03000   | 14            | 3              |
| 24E15 03001   | 14            | 6              |
| 24E15 03101   | 14            | 7              |
| 24E15 03102   | 14            | 5              |
| 24E15 03103   | 14            | 4              |
| 24E15 03104   | 14            | 6              |
| 24E15 03200   | 14            | 8              |
| 24E15 03300   | 14            | 8              |
| 24E15 03400   | 14            | 8              |
| 24E15 03401   | 14            | 8              |
| 24E15 03500   | 14            | 9              |
| 24E15 03600   | 14            | 8              |
| 24E15 03700   | 14            | 9              |
| 24E15 03701   | 14            | 9              |
| 24E15 03800   | 14            | 8              |
| 24E15 03801   | 14            | 6              |
| 24E15 03802   | 14            | 6              |
| 24E15 03900   | 14            | 7              |
| 24E15 04000   | 14            | 7              |
| 24E15 04100   | 14            | 7              |
| 24E15 04200   | 13            | 4              |
| 24E15 04201   | 13            | 4              |
| 24E15 04300   | 13            | 2              |
| 24E15 04400   | 13            | 3              |
| 24E15 04500   | 13            | 5              |
| 24E15 04501   | 13            | 4              |
| 24E15 04600   | 13            | 3              |
| 24E22 00100   | 13            | 1              |
| 24E22 00101   | 13            | 0              |
| 24E22 00102   | 13            | 1              |
| 24E22 00103   | 13            | 4              |
| 24E22 00104   | 13            | 4              |
| 24E22 00200   | 13            | 1              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E22 00300   | 13            | 0              |
| 24E22 00301   | 13            | 0              |
| 24E22 00400   | 13            | 1              |
| 24E22 00401   | 13            | 0              |
| 24E22 00402   | 13            | 1              |
| 24E22 00403   | 13            | 1              |
| 24E22 00404   | 13            | 2              |
| 24E22 00405   | 13            | 1              |
| 24E22 00406   | 13            | 1              |
| 24E22 00407   | 13            | 1              |
| 24E22 00500   | 13            | 2              |
| 24E22 00501   | 13            | 2              |
| 24E22 00502   | 13            | 2              |
| 24E22 01200   | 12            | 0              |
| 24E22 01201   | 12            | -2             |
| 24E22 01300   | 12            | 1              |
| 24E22 01400   | 12            | 3              |
| 24E22 01700   | 12            | -1             |
| 24E22 01900   | 12            | -1             |
| 24E22 01901   | 12            | -2             |
| 24E22 02100   | 12            | -3             |
| 24E22AD00100  | 12            | -1             |
| 24E22AD00200  | 12            | 0              |
| 24E22AD00300  | 12            | 1              |
| 24E22AD00400  | 12            | 1              |
| 24E22AD00500  | 12            | 1              |
| 24E22AD00600  | 12            | 1              |
| 24E22AD00601  | 12            | 1              |
| 24E22AD00800  | 12            | 1              |
| 24E22AD00900  | 12            | 1              |
| 24E22AD01000  | 12            | 1              |
| 24E22AD01100  | 12            | 1              |
| 24E22AD01200  | 12            | 1              |
| 24E22AD01300  | 12            | 1              |
| 24E22AD01400  | 12            | 1              |
| 24E22AD01500  | 12            | 1              |
| 24E22AD01600  | 12            | 1              |
| 24E22AD01700  | 12            | 1              |
| 24E22AD01800  | 12            | 3              |
| 24E22AD01900  | 12            | 3              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E23 00200   | 8             | 13             |
| 24E23 00201   | 8             | 10             |
| 24E23 00202   | 8             | 8              |
| 24E23 00501   | 7             | 10             |
| 24E23 00502   | 7             | 9              |
| 24E23 00504   | 7             | 7              |
| 24E23 00506   | 5             | 12             |
| 24E23 00507   | 7             | 8              |
| 24E23 00508   | 7             | 10             |
| 24E23 00509   | 5             | 6              |
| 24E23 00510   | 7             | 4              |
| 24E23 00513   | 5             | 6              |
| 24E23 00514   | 7             | 10             |
| 24E23 00515   | 7             | 8              |
| 24E23 00516   | 7             | 10             |
| 24E23 00518   | 7             | 12             |
| 24E23 00600   | 7             | 7              |
| 24E23 00700   | 7             | 5              |
| 24E23 00701   | 7             | 9              |
| 24E23 00800   | 8             | 10             |
| 24E23 00801   | 8             | 12             |
| 24E23 00802   | 8             | 12             |
| 24E23 00803   | 8             | 11             |
| 24E23 00804   | 8             | 10             |
| 24E23 00805   | 8             | 11             |
| 24E23 00806   | 8             | 11             |
| 24E23 00807   | 8             | 10             |
| 24E23 00900   | 8             | 5              |
| 24E23 00901   | 8             | 11             |
| 24E23 01001   | 10            | 4              |
| 24E23 01002   | 10            | 6              |
| 24E23 01003   | 8             | 8              |
| 24E23 01100   | 8             | 7              |
| 24E23 01200   | 10            | 8              |
| 24E23 01202   | 10            | 8              |
| 24E23 01300   | 10            | 9              |
| 24E23 01301   | 10            | 9              |
| 24E23 01400   | 10            | 7              |
| 24E23 01401   | 10            | 6              |
| 24E23 01402   | 10            | 6              |

| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E23 01403   | 10            | 6              |
| 24E23 01404   | 10            | 5              |
| 24E23 01405   | 10            | 5              |
| 24E23 01500   | 10            | 6              |
| 24E23 01600   | 10            | 7              |
| 24E23 01700   | 9             | 3              |
| 24E23 01800   | 9             | 7              |
| 24E23 01801   | 9             | 7              |
| 24E23 01803   | 9             | 7              |
| 24E23 01900   | 9             | 1              |
| 24E23 01901   | 9             | 4              |
| 24E23 02000   | 9             | 3              |
| 24E23 02100   | 6             | 7              |
| 24E23 02200   | 6             | 2              |
| 24E23 02300   | 6             | 1              |
| 24E23 02300   | 6             | -1             |
| 24E23 02400   | 6             | 3              |
| 24E23 02500   | 6             | 1              |
| 24E23 02501   | 6             | -2             |
| 24E23 02502   | 6             | 2              |
| 24E23 02503   | 6             | 1              |
| 24E23 02504   | 6             | -1             |
| 24E23 02505   | 6             | 1              |
| 24E23 02506   | 6             | -1             |
| 24E23 02507   | 6             | -1             |
| 24E23 02600   | 6             | -2             |
| 24E23 02700   | 6             | -3             |
| 24E23 02800   | 6             | -2             |
| 24E23 02802   | 6             | -2             |
| 24E23 02803   | 6             | -2             |
| 24E23 02804   | 6             | 0              |
| 24E23 02805   | 6             | 0              |
| 24E23 02806   | 6             | 7              |
| 24E23 02807   | 6             | 5              |
| 24E23 02808   | 6             | 5              |
| 24E23 02809   | 6             | 3              |
| 24E23 02810   | 6             | -1             |
| 24E23 02811   | 6             | -1             |
| 24E23 02812   | 5             | 7              |
| 24E23 02813   | 6             | -2             |

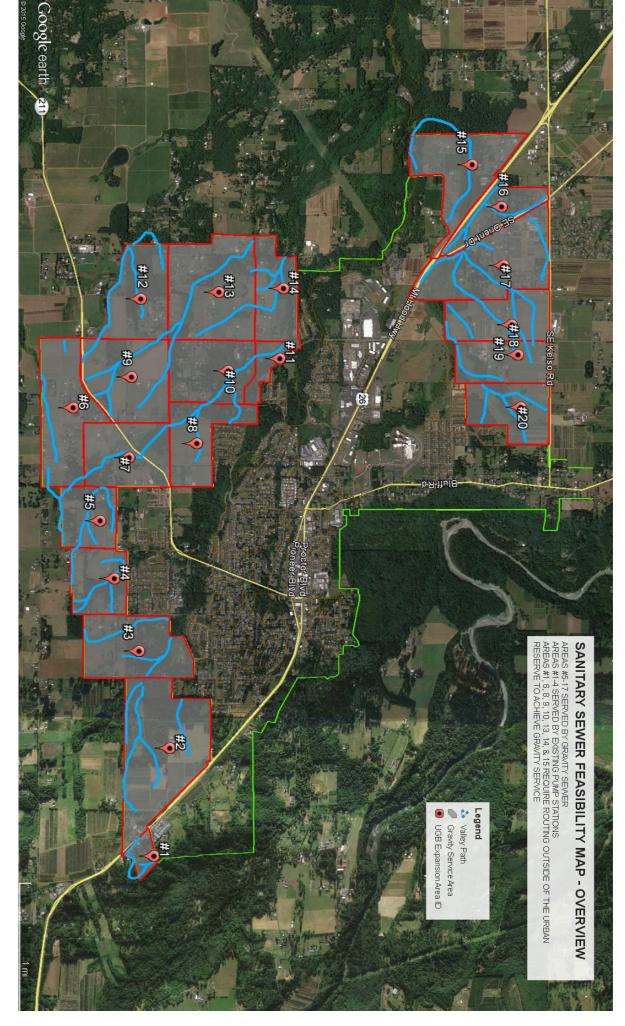
| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
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| 24E23 02815   | 6             | 6              |
| 24E23 02820   | 6             | 1              |
| 24E24A 00400  | 3             | 11             |
| 24E24A 00401  | 3             | 12             |
| 24E24A 00500  | 3             | 10             |
| 24E24A 00501  | 3             | 11             |
| 24E24A 00600  | 3             | 9              |
| 24E24A 00700  | 3             | 9              |
| 24E24A 00800  | 3             | 10             |
| 24E24A 00801  | 3             | 9              |
| 24E24A 00900  | 3             | 11             |
| 24E24A 01000  | 3             | 8              |
| 24E24A 01100  | 3             | 7              |
| 24E24A 01200  | 3             | 6              |
| 24E24A 01300  | 3             | 8              |
| 24E24A 01400  | 3             | 12             |
| 24E24A 01900  | 3             | 12             |
| 24E24A 02000  | 3             | 12             |
| 24E24A 02300  | 3             | 11             |
| 24E24C 00100  | 4             | 13             |
| 24E24C 00200  | 4             | 11             |
| 24E24C 00201  | 4             | 11             |
| 24E24C 00300  | 4             | 9              |
| 24E24C 00400  | 4             | 11             |
| 24E24C 01400  | 5             | 4              |
| 24E24C 01401  | 5             | 4              |
| 24E24C 01500  | 5             | 4              |
| 24E24C 01600  | 5             | 3              |
| 24E24C 01700  | 5             | 9              |
| 24E24C 01800  | 5             | 11             |
| 24E24C 01801  | 5             | 9              |
| 24E24C 01802  | 5             | 6              |
| 24E24C 01803  | 5             | 10             |
| 24E24C 01900  | 5             | 7              |
| 24E24C 02000  | 5             | 9              |
| 24E24C 02100  | 5             | 13             |
| 24E24D 00100  | 3             | 6              |
| 24E24D 00101  | 3             | 9              |
| 24E24D 00200  | 3             | 7              |

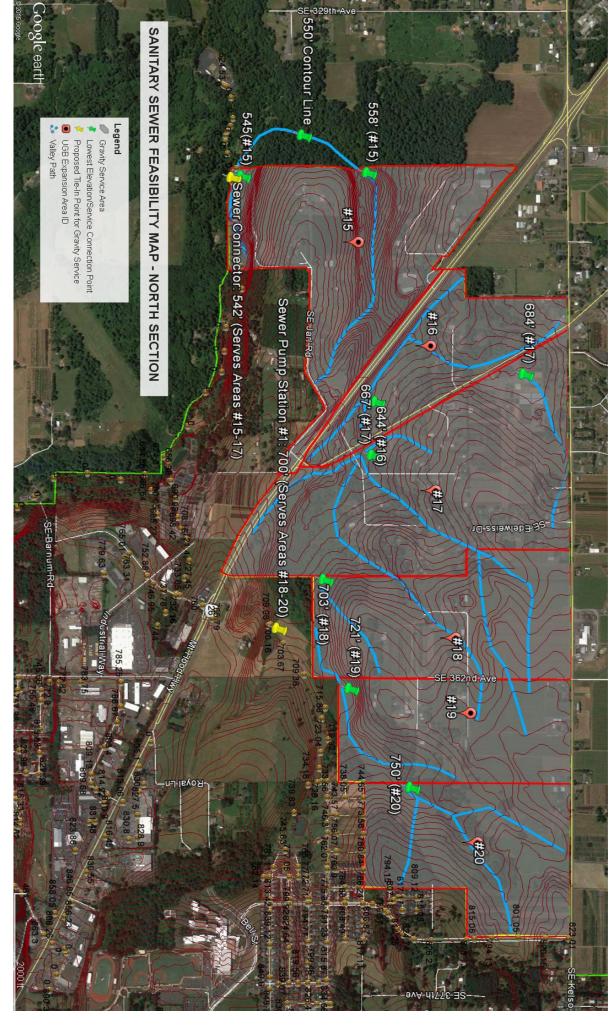
| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 24E24D 00300  | 3             | 4              |
| 24E24D 00400  | 3             | 7              |
| 24E24D 00401  | 3             | 10             |
| 24E24D 00500  | 3             | 7              |
| 24E24D 00800  | 4             | 8              |
| 24E24D 00900  | 4             | 8              |
| 24E24D 01000  | 3             | 8              |
| 24E24D 01100  | 3             | 7              |
| 24E24D 01200  | 3             | 9              |
| 24E24D 01300  | 4             | 10             |
| 24E24D 01400  | 4             | 8              |
| 24E24D 01500  | 3             | 10             |
| 24E24D 01601  | 3             | 11             |
| 24E24D 01700  | 4             | 10             |
| 24E24D 01800  | 4             | 10             |
| 24E24D 01900  | 4             | 9              |
| 24E24D 02000  | 3             | 9              |
| 24E24D 02100  | 3             | 11             |
| 24E24D 02200  | 4             | 12             |
| 25E19 00600   | 2             | 15             |
| 25E19 00700   | 2             | 11             |
| 25E19 00701   | 2             | 9              |
| 25E19 00800   | 2             | 5              |
| 25E19 00900   | 2             | 15             |
| 25E19 01000   | 2             | 13             |
| 25E19 01800   | 2             | 9              |
| 25E19AD00100  | 1             | 7              |
| 25E19AD00200  | 1             | 7              |
| 25E19AD00300  | 1             | 5              |
| 25E19AD00400  | 1             | 5              |
| 25E19AD00500  | 1             | 5              |
| 25E19AD00501  | 1             | 5              |
| 25E19AD00600  | 1             | 5              |
| 25E19AD00601  | 1             | 5              |
| 25E19AD00700  | 1             | 5              |
| 25E19AD00800  | 1             | 5              |
| 25E19AD00900  | 1             | 5              |
| 25E19AD01000  | 1             | 5              |
| 25E19AD01100  | 1             | 7              |
| 25E19AD01101  | 1             | 7              |

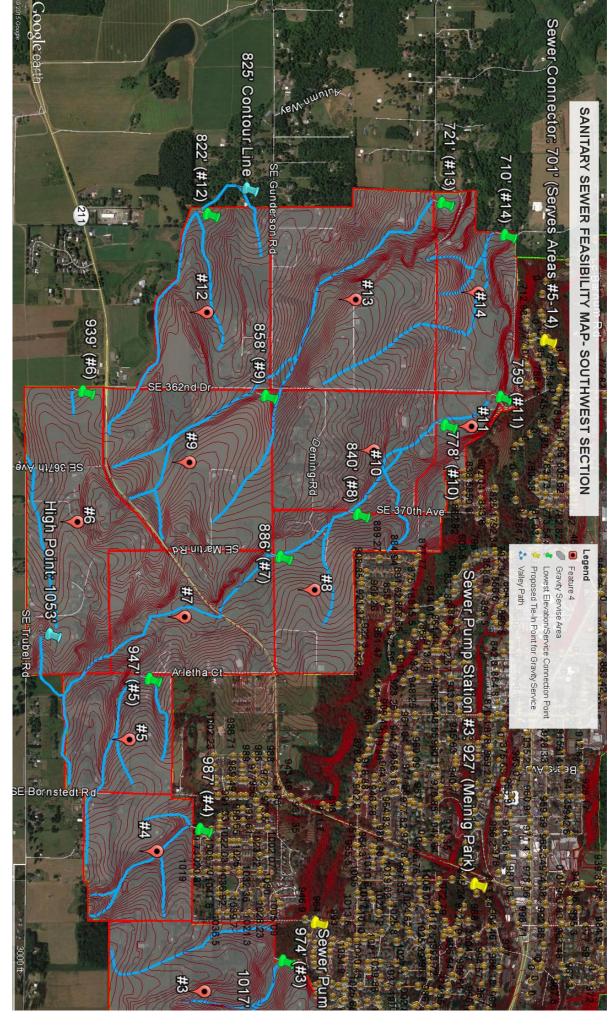
| Map & Tax Lot | Analysis Area | Property Score |
|---------------|---------------|----------------|
| 25E19AD01300  | 2             | 11             |
| 25E19AD01400  | 2             | 11             |
| 25E19AD01401  | 2             | 8              |
| 25E19AD01403  | 2             | 10             |
| 25E19AD01500  | 2             | 11             |
| 25E19AD01700  | 2             | 7              |
| 25E19AD01800  | 2             | 7              |
| 25E19AD01900  | 2             | 7              |
| 25E19AD02000  | 2             | 7              |
| 25E19BB02500  | 2             | 11             |
| 25E20 00900   | 1             | 7              |
| 25E20 01000   | 1             | 5              |

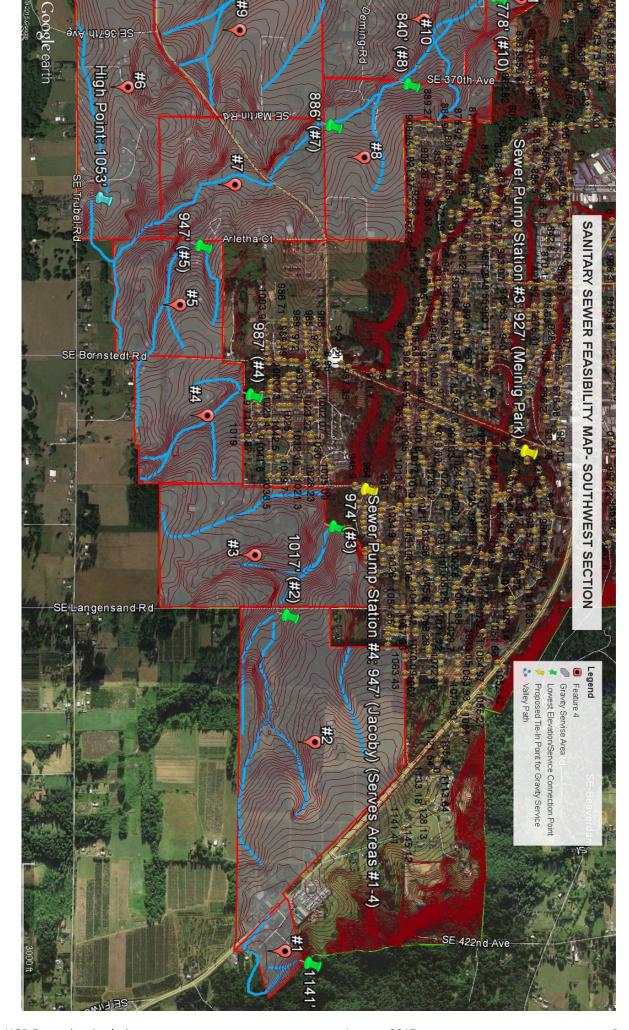
## Appendix B. Evaluation of Sanitary Sewer and Water Serviceability

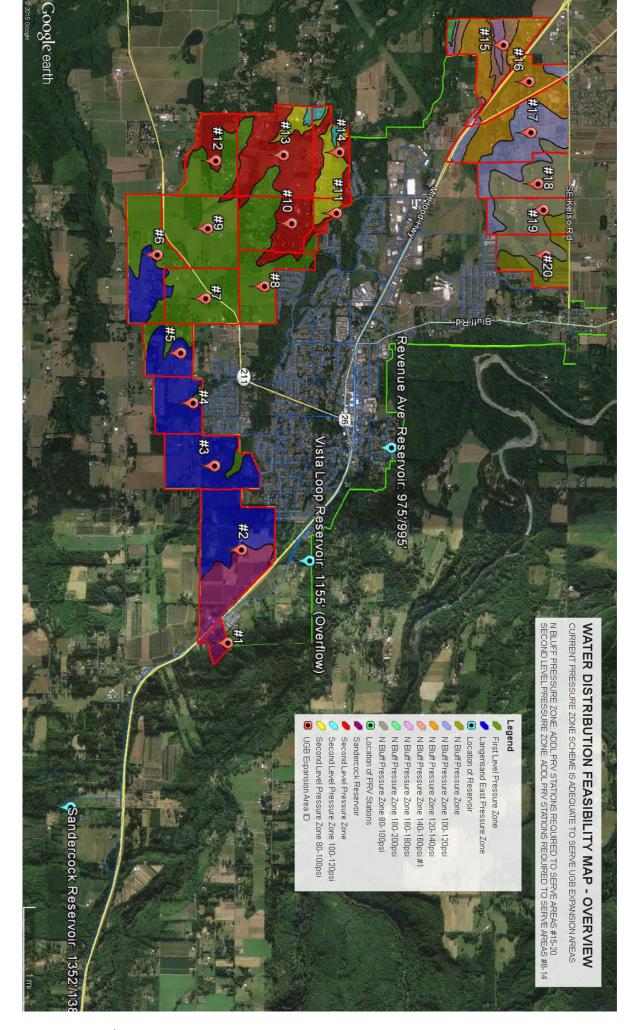
prepared by Curran-McLeod, City Engineer

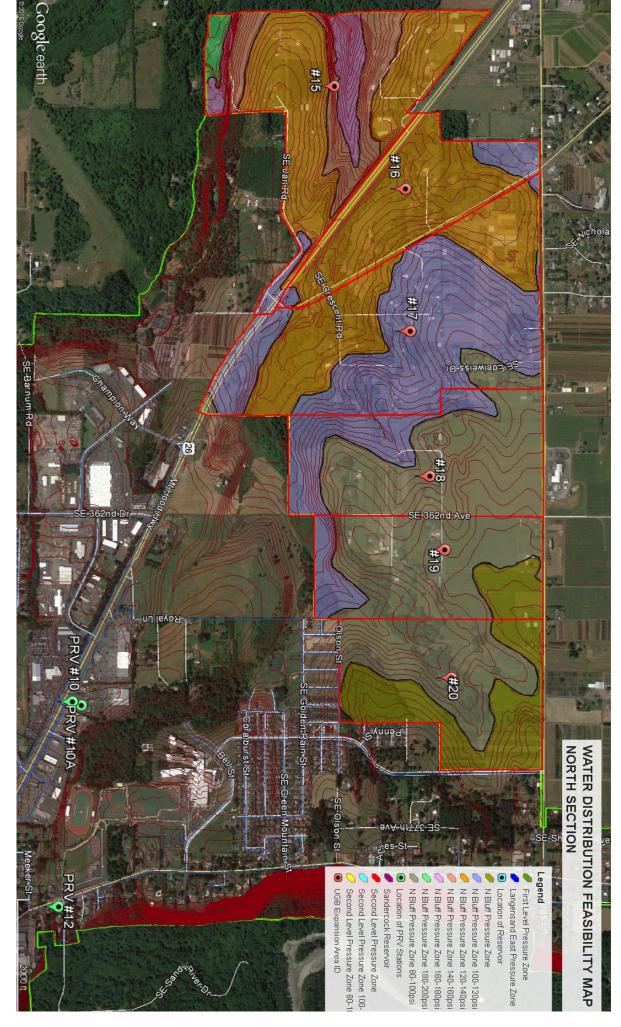


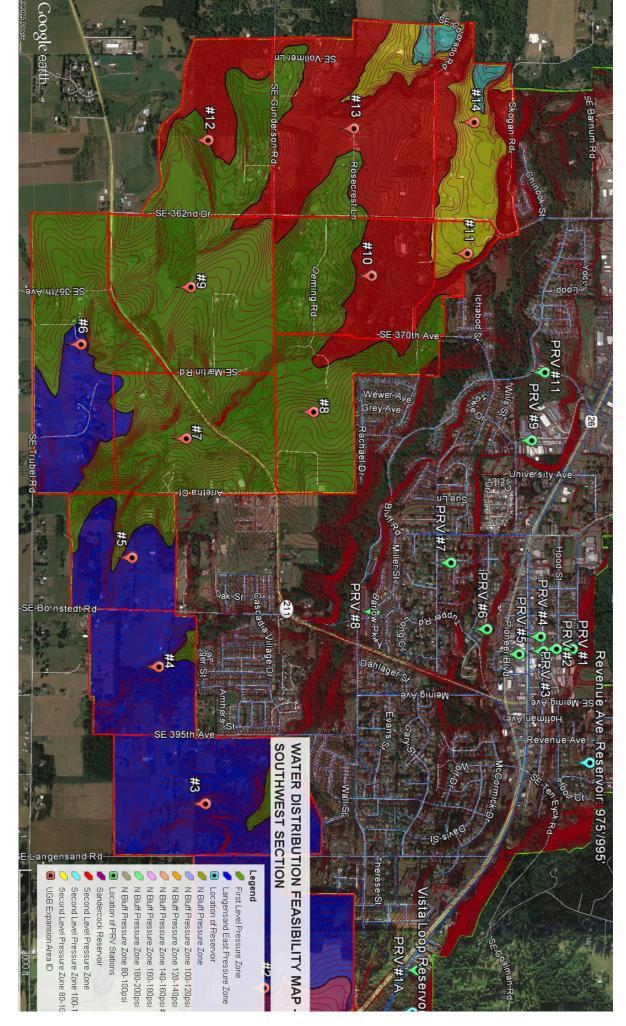


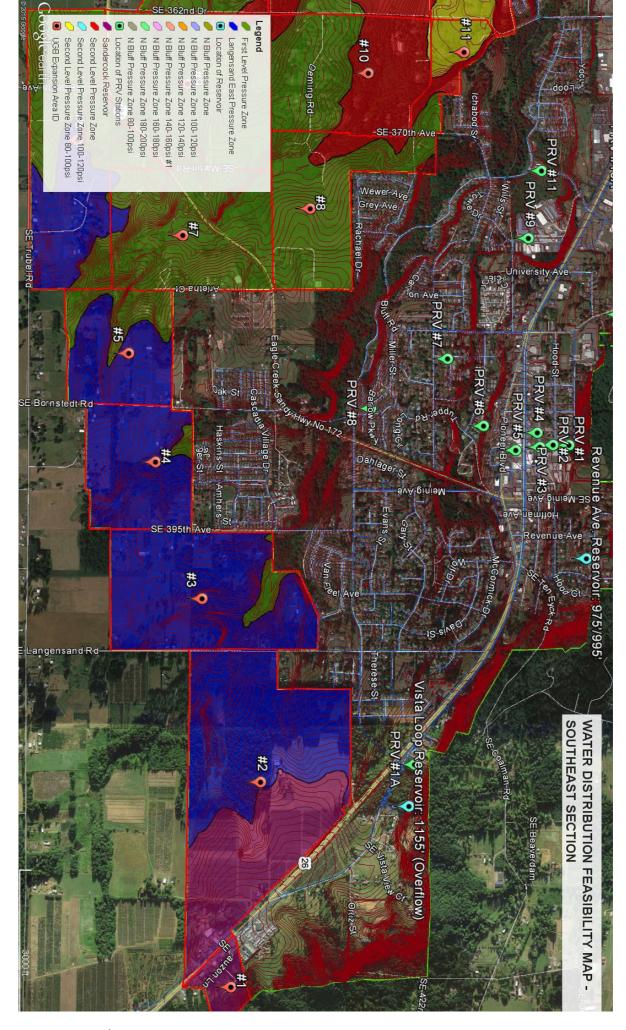








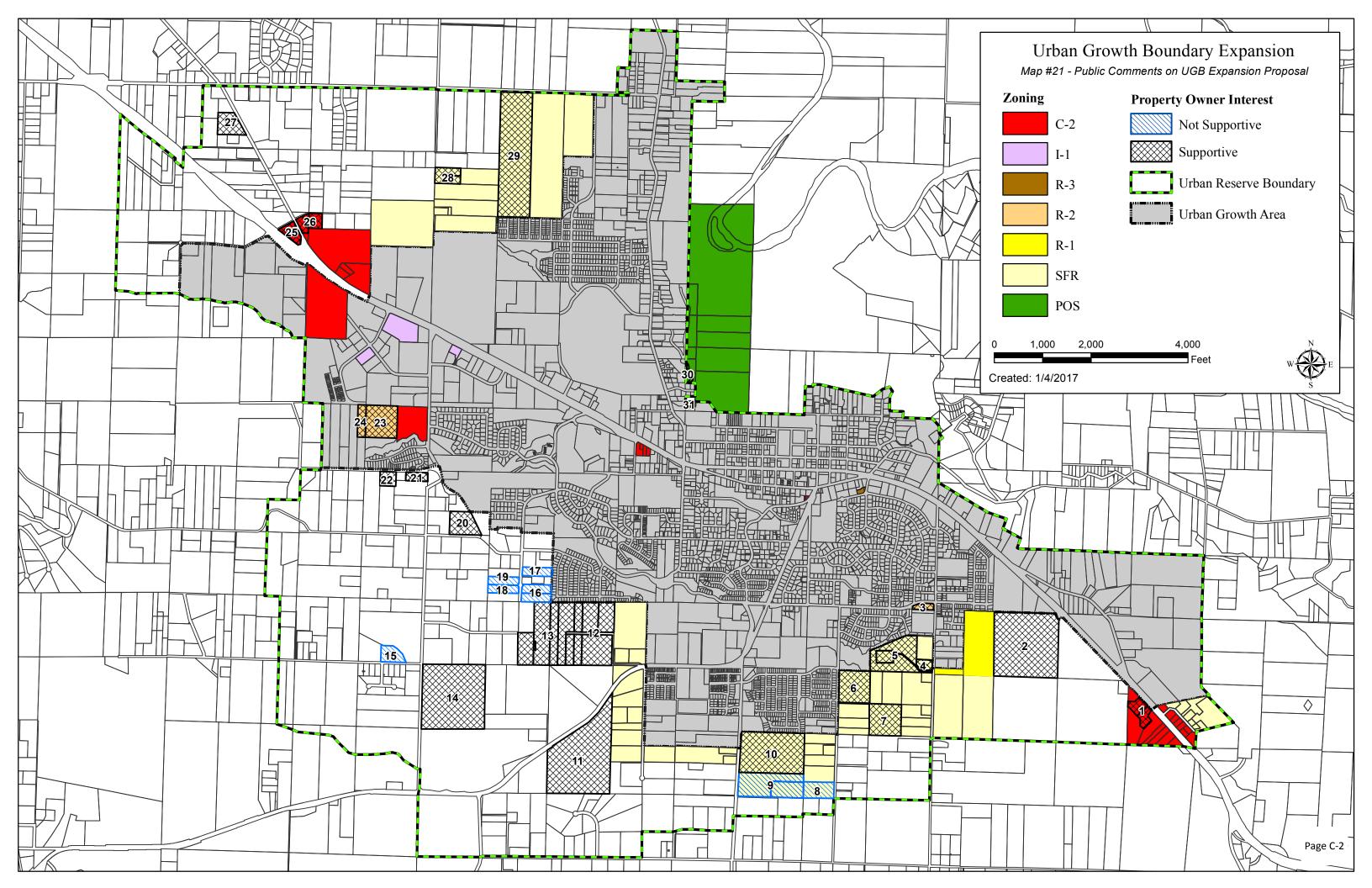




## Appendix C. Review of Public Involvement and Comments

Public involvement has been a key component of the Expansion Analysis project. The City held public workshops on March 3 and March 8, 2016 to introduce the study to the public. At this meeting and afterwards, owners of land within the study area were asked to complete a survey indicating their level of support for being included in an expanded UGB. A public hearing was held before the Planning Commission on November 28, 2014 to gather additional input. In addition, written comments were received from several property owners during the process.

Map 21 shows the location of all public comments received prior to the City Council public hearing and the attached list following this map summarizes each of these comments. All of the comments were considered in developing the final expansion alternative.



## Review of Public Comments on UGB Expansion Analysis (Comments Received to Date – January, 2017)

- 1. These two properties totaling 3.68 acres are owned by John Boyles and are proposed to be included in the UGB. Mr. Boyles indicated with the property owner survey and at the PC hearing that he is <u>supportive</u> of these properties being included in the UGB.
- 2. This 39.81 acre parcel owned by Bill Knapp is not proposed to be included in the UGB expansion. The parcel is located directly east of a 36.84 acre parcel also owned by Mr. Knapp that is proposed to be included in the UGB. The property received a property evaluation score of 14. Mr. Knapp requested at the PC hearing that this property be included in the expanded UGB.
- 3. This 1.19 acre parcel owned by Joan Ragan is located in the existing UGB. The zoning designation for this parcel is proposed to be changed from SFR to R-2. Ms. Ragan indicated at the PC hearing she <u>supports</u> this change.
- 4. This 1.49 acre parcel owned by the Rognle Family Trust is proposed to be included in the expanded UGB. In a phone conversation with the owner he indicated he <u>supports</u> this proposal.
- 5. These two parcels owned by the Carl Engdall Living Trust total 14.26 acres and are proposed to be included in the expanded UGB. The property owner filled out a survey indicating he is <u>supportive</u> of this proposal.
- 6. This 9.7 acre parcel owned by Cory Knight is proposed to be included in the expanded UGB. The property owner filled out a survey indicating he is <u>supportive</u> of this proposal.
- 7. This 10 acre parcel owned by John and Bonnie Drake is proposed to be included in the expanded UGB. Ms. Drake testified at the PC hearing that she was <u>supportive</u> of this proposal.
- 8. This 4.86 acre parcel owned by Robert Miller is proposed to be included in the expanded UGB and received a property evaluation score of 9. Mr. Miller testified at the PC hearing that he <u>does not support</u> being included.
- 9. These two parcels totaling 15.27 owned by Barbara and Jeff Moyer are proposed to be included in the expanded UGB. Both properties received a property evaluation score of 10. A discussion with Ms. Moyer indicated she does not support being included.

- 10. This 25.35 acre parcel owned by William Bloom is proposed to be included in the expanded UGB. The property owner filled out a survey indicating he is <u>supportive</u> of this proposal.
- 11. This 46.63 acre parcel owned by John Boyles is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. The property received a property evaluation score of 7. Mr. Boyles filled out a survey indicating he would like to be included in the expanded UGB.
- 12. These five parcels totaling 23.18 acres are owned by Grant Sturm and are not proposed to be included in the expanded UGB. The properties received property evaluation scores of 9,11,11,10 and 9. The property owner submitted a letter and testified at the PC hearing they would like to be included in the expanded UGB.
- 13. These six parcels totaling 29.80 acres are owned by Richard Pullen and are not proposed to be included in the expanded UGB. The properties received property evaluation scores of 10,10,9,4,10 and 6. The property owner submitted a letter and testified at the PC hearing he would like to be included in the expanded UGB.
- 14. This 39.7 acre parcel owned by Alexander and Penny Heckel is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. The property received a property evaluation score of 3. Ms. Heckel filled out a survey indicating he <u>would like to be included</u> in the expanded UGB.
- 15. This 3.28 acre parcel owned by Ronald Calhoun is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. Mr. Calhoun filled out a survey indicating he <u>is not supportive of being included</u> in the expanded UGB.
- 16. These two parcels totaling 4.99 acres are owned by Jack Gilbert and are not proposed to be included in the expanded UGB due to their location and difficulty in providing services at this time. Mr. Gilbert filled out a survey indicating he <u>is not supportive of being included</u> in the expanded UGB.
- 17. This 2.5 acre parcel owned by Stephanie Cameron is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. Ms. Cameron filled out a survey indicating she <u>is not supportive of being included</u> in the expanded UGB.
- 18. This 2.47 acre parcel owned by Steven Breck is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. Mr. Breck filled out a survey indicating he <u>is not supportive of being included</u> in the expanded UGB.

- 19. This 2.46 acre parcel owned by Eric Pettis is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. Mr. Pettis filled out a survey indicating he is not supportive of being included in the expanded UGB.
- 20. This 5.99 acre parcel owned by James Dorning is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. The property received a property evaluation score of 9. Mr. Dorning filled out a survey indicating he is supportive of being included in the expanded UGB.
- 21. This 1.85 acre parcel owned by Robert Stubbs is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. The property received a property evaluation score of 9. Mr. Stubbs filled out a survey and testified he is supportive of being included in the expanded UGB.
- 22. This 2.23 acre parcel owned by Gerald Goff is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. The property received a property evaluation score of 8. Mr. Goff filled out a survey indicating he <u>is supportive of being included</u> in the expanded UGB.
- 23. This 9.98 acre parcel owned by Noble Vonstruense is located in the existing UGB. The zoning designation for this parcel is proposed to be changed from SFR to R-2. A discussion with Mr. Vonstruense indicated he is supportive of this change.
- 24. This 2.5 acre parcel owned by Scott and Susan Leininger is located in the existing UGB. No changes are proposed to this property with this study. The Leininger's are requesting the zoning designation for this parcel be changed from SFR to R-2 similar to the proposed change for the property to the east of their property.
- 25. This 2.5 acre parcel owned by Jerry Schilling is proposed to be included in the expanded UGB. The property owner filled out a survey indicating he is supportive of this proposal.
- 26. These two parcels totaling 3.66 acres owned by William Bloom are proposed to be included in the expanded UGB. The property owner testified at the PC hearing he <u>is supportive</u> of this proposal.
- 27. This 4.86 acre parcel owned by Robert Burgeni is not proposed to be included in the expanded UGB due to its location and difficulty in providing services at this time. The property received a property evaluation score of 3. Mr. Burgeni testified at the PC hearing he would like the property to be included in the expanded UGB.

- 28. These two parcels totaling 3.95 acres owned by Leon Phillips are proposed to be included in the expanded UGB. The property owner testified at the PC hearing he <u>is supportive</u> of this proposal.
- 29. This 38.96 acre parcel owned by Reckmann Farm LLC is proposed to be included in the expanded UGB. The property owner's representative at the PC hearing indicated she <u>is supportive</u> of this proposal.
- 30. This 0.51 acre parcel owned by Frank Marcy is proposed to be included in the expanded UGB. The property owner indicated at the PC hearing he <u>is supportive</u> of this proposal.
- 31. This 0.48 acre parcel owned by Darren and Tami Mcara is proposed to be included in the expanded UGB. The property owner indicated that he <u>is supportive of this proposal but</u> would like the zoning changed from Parks and Open Space to residential.