



Stewardship Plan

for

Urban Growth Boundaries

**Administrative Boundaries Framework
navigatOR
State of Oregon**

Version 0.4
August 2014

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Revision History

0.1 revised based on community input

0.2 revised based on community input during first comment period

0.3 revised based on community input during the second comment period

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This Plan is for the life-cycle management of Urban Growth Boundaries (UGB), an element of the Administrative Boundaries theme.

This is a Class A Plan because it is a Framework element. The UGBs are amended infrequently. When they are amended, data reflecting the change flows to the Department of Land Conservation and Development (DLCD) by rule of the Land Use Planning Program. However, there are other causes for changes in a UGB, such as when improved control becomes available, and those modifications will not be submitted as part of any Land Use Program action. Consequently, these changes will need a more intensive approach to stewardship.

Framework Steward

Agency or organization: Department of Land Conservation and Development

Name of position having primary horizontal stewardship responsibilities: Urban Planner II

Custodians: Cities are the custodians of their respective UGB.

Data Description

Urban Growth Boundaries are areas around city limits (and Portland Metro) delineated in accordance with Oregon's Land Use Planning Program statutes and rules. Their purpose is to contain sufficient buildable land and to show where a city expects to grow over the next 20 years. Periodically, jurisdictions adjust their UGB to accommodate ongoing development and population growth.

The complete UGB geodatabase includes all boundaries since inception (circa 1980), with additional attributes. A date search selects the boundaries in effect at the time of interest.

Data Type: Vector Feature Type: Line Update Cycle: Continuous

Current UGBs are derived from the complete database and published annually as a Framework element.

Data Type: Vector Feature Type: Polygon Update Cycle: Annual

Metadata refers users to the custodian as the data source.

Stewardship Approach

Cities typically submit a plan amendment proposal that includes UGB expansion maps and sometimes digital GIS data also. After approval (acknowledgment), DLCD incorporates changes in the statewide geodatabase. Since 2011, jurisdictions have been required to submit a digital GIS file of their UGB each time an amendment is requested. The stewardship approach leverages Division 18 of the Oregon Administrative Rules (OAR) 660-018-0040 for post acknowledgment plan amendments and Division 25 OAR 660-025-0210 attached as Appendix B.

Stewardship Workflow

After an amendment is acknowledged, the horizontal steward updates the particular UGB polygon in the geodatabase. The revised UGB polygon is reviewed by custodian personnel. Any discrepancies in spatial representation will be resolved between the horizontal steward and the custodian prior to publishing the annual update.

Data Acquisition

Data acquisition has occurred through years of UGB amendment submittals. See UGB metadata for additional details.

Data Maintenance

Individual UGBs will be updated upon acknowledgment. The horizontal steward will work with the custodians to resolve any discrepancies resulting from integrating a new boundary into the UGB geodatabase. All the updated polygons are rechecked near the end of each year, after which an annual UGB Framework data layer is extracted and published. For boundary changes that do not trigger a plan amendment, such as remapping, additional efforts will be necessary to identify where they occur and then gather them. Department of Revenue's ORMAP program may be contacted; some changes may require broadcasting inquiries to cities, the League of Oregon Cities or via professional associations.

Communication

The horizontal steward will invite and sustain an exchange between DLCD and the custodians. There may be discussion among all the custodians as wider issues emerge. A listserv or collaboration space will be created to support those discussions. Existing FIT channels of communication can be used as well.

Horizontal Integration

UGBs do not intersect. Thus, horizontal integration is straightforward. Due to boundary approximations and GIS processing, minor overlaps may be present.

Vertical Integration

The UGBs have been crafted based on acknowledged state, county, and local data. Largely, they are already aligned with existing boundaries, such as tax lots and city boundaries. Natural and man-made features may also be used. Vertical integration issues are avoided by using existing spatial features as guides.

Distribution

UGB Framework will be published as a shapefile and as a Web service and made available through Oregon's Spatial Data Library, Oregon Explorer, ArcGIS Online and other appropriate access points.

Quality Checking

Quality checking is accomplished primarily by custodian personnel and the horizontal steward consulting acknowledged documents. UGB data and maps are compared before updating the UGB geodatabase.

Improvement

Custodian stewards are encouraged to bring differences in spatial representation of the UGBs to the attention of the horizontal steward at any time. The horizontal steward will work with custodian stewards to resolve discrepancies.

Evaluation

As long as Oregon's Land Use Planning Program requires urban growth boundaries, this Framework element will be in demand. Annually the horizontal steward will check with UGB Framework users and all Framework Implementation Teams (FIT) to gather input on whether any changes in attributes or other aspects need to be made. The Administrative Boundaries FIT will guide and support the evaluation process.

Archiving

Because boundary history is accumulated within the UGB geodatabase, the annual UGB Framework update can be used for archiving purposes. Archiving is anticipated to occur through the Geospatial Enterprise Office or by a designated partner agency, such as State Archives.