

## CHAPTER 4. IMPLEMENTATION TOOLS

### A. Zoning Code Changes

This section summarizes the recommended City's zoning code amendments necessary to implement the South Reach Scenic Resources Protection Plan. The changes include:

- 33.480, Scenic Resources – Updates to the scenic (s) overlay zones and clarifications to the zoning code.
- 33.475, River Overlay Zones – Updates to this code chapter add reference to the *South Reach Scenic Resources Protection Plan*, where needed, and the removal of standards for the development of viewpoints

Chapter 33.480, Scenic Resource Zone, includes zoning regulations for viewpoints, view corridors, scenic sites and scenic corridors. Many of the view corridors coincide with River overlay zones. These view corridors, where they overlap with River overlay zones, are added to the official zoning map as scenic (s) overlay zones. Map A includes the view corridors that are used to update the s overlays.

The application of the scenic (s) overlay zone to view corridors that overlap with River overlay zones is not a change in the legislative intent adopted by the 1991 *Scenic Resources Protection Plan*. Rather, adding the scenic (s) overlay zones to the zoning maps makes the relationship between the scenic (s) overlay zone and the River overlay zones clearer.

Zoning code regulations of the scenic (s) allow for removal of trees within the overlay. The application of the scenic (s) overlay to the viewpoints contained in this plan will allow tree and vegetation removal and pruning to maintain views. This is not a change in the legislative intent adopted in 1991 *Scenic Resources Protection Plan* because the plan recommended a limit or prohibit decision for significant view corridors and allowing tree removal within view corridors supports protecting the significant views.

Additionally, language has been added to this chapter to clarify what improvements are required when a viewpoint is to be added as a part of new development or redevelopment or the development or significant upgrade of a trail. In the chapter, a new map shows the classifications of South Reach viewpoints into Primary, Secondary, and Other viewpoints. Each of these classifications would be required to provide a varying level of improvements as a part of viewpoint development.

Chapter 33.475, River Overlay Zones, generally includes zoning regulations for properties within the Willamette Greenway boundary and addresses a range of development characteristics, both in the river setback and portions of properties outside the setback. Updates to this chapter include the incorporation of reference to the SRSRPP and the removal of standards for viewpoints, contained in the River Environmental overlay. Viewpoints standards are removed and replaced by reference to Chapter 33.480, Scenic Resource Zone, to ensure a consistent application of viewpoint improvements across the city.

Volume 1 of the *River Plan / South Reach* contains the specific zoning code changes.

## B. Protection Plan Maps

This section includes the SRSRPP maps that show where portions of the zoning code are applied. The maps include:

- Map B – View Corridors without Special Height Restrictions
- Map C – Scenic Corridors and View Streets
- Map D – Scenic Sites and Focal Points

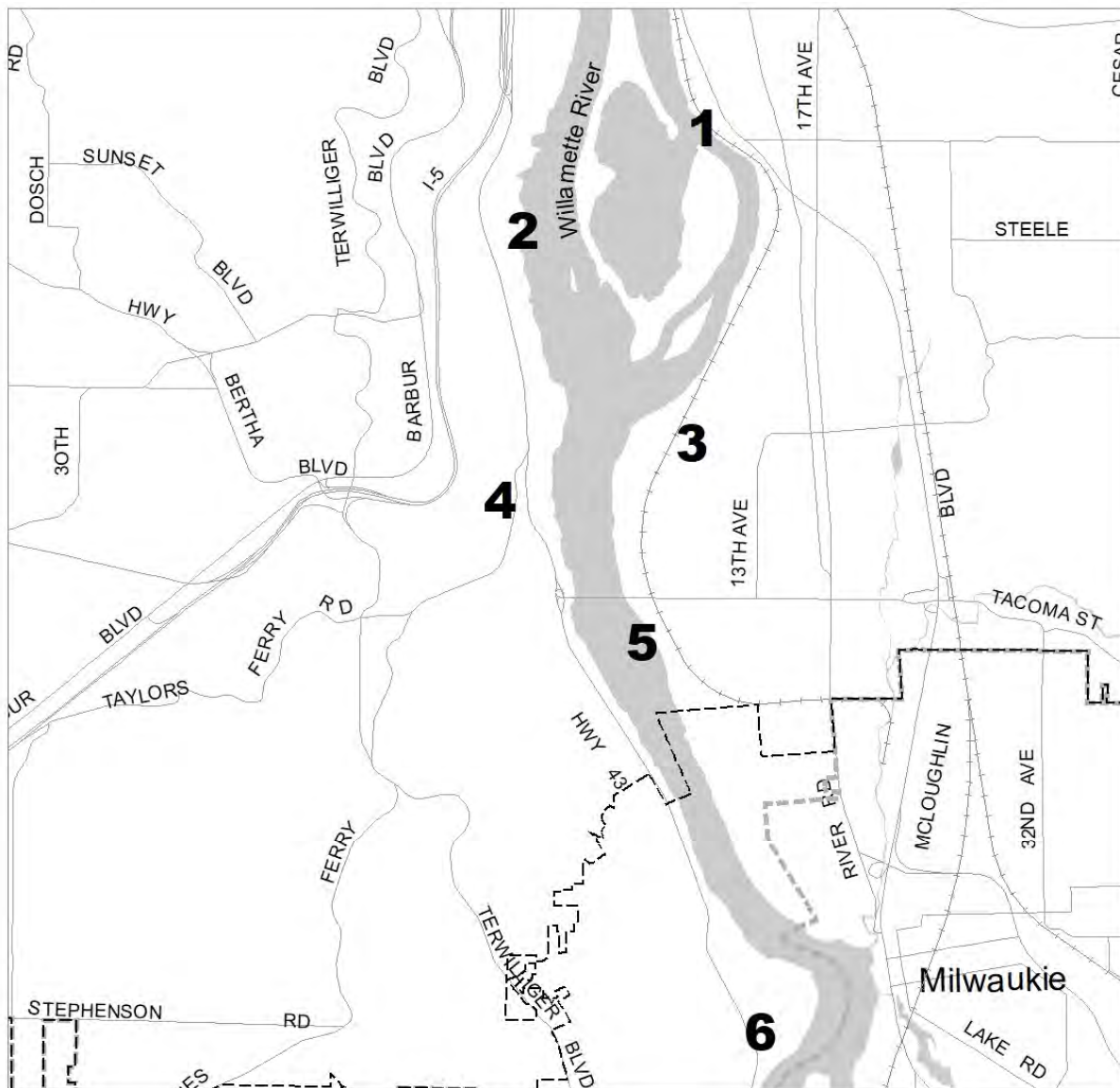
Note: The map series provided in the maps below utilizes the same lettering system as was used in the *Central City Scenic Resources Protection Plan*. In that plan, the Map A series addressed view corridors with special height restrictions. Because no height restrictions have been applied as a part of this plan, there is no SRSRPP Map A series.

# South Reach Scenic Resources Protection Plan

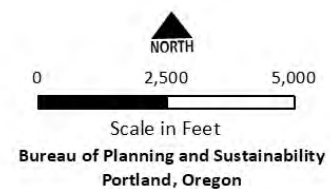
## View Corridors without Special Height Restrictions

# Map B

Index Map



----- City Boundary  
 ..... Urban Service Boundary

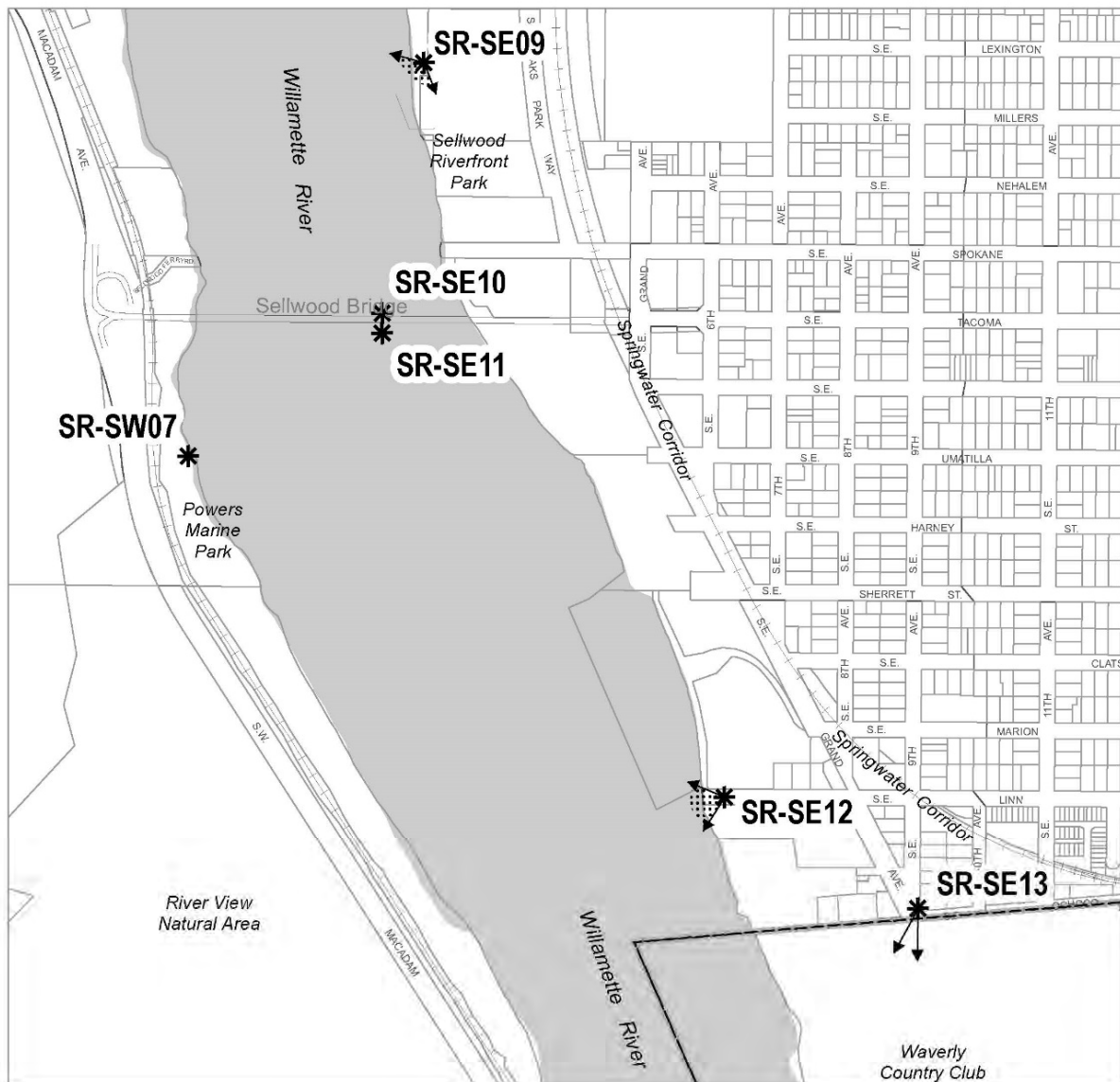


# South Reach Scenic Resources Protection Plan

## View Corridors without Special Height Restrictions

# Map B

Map 5 of 6



### Legend

----- City Boundary



Viewpoint



View corridors without special height restrictions



Scale in Feet

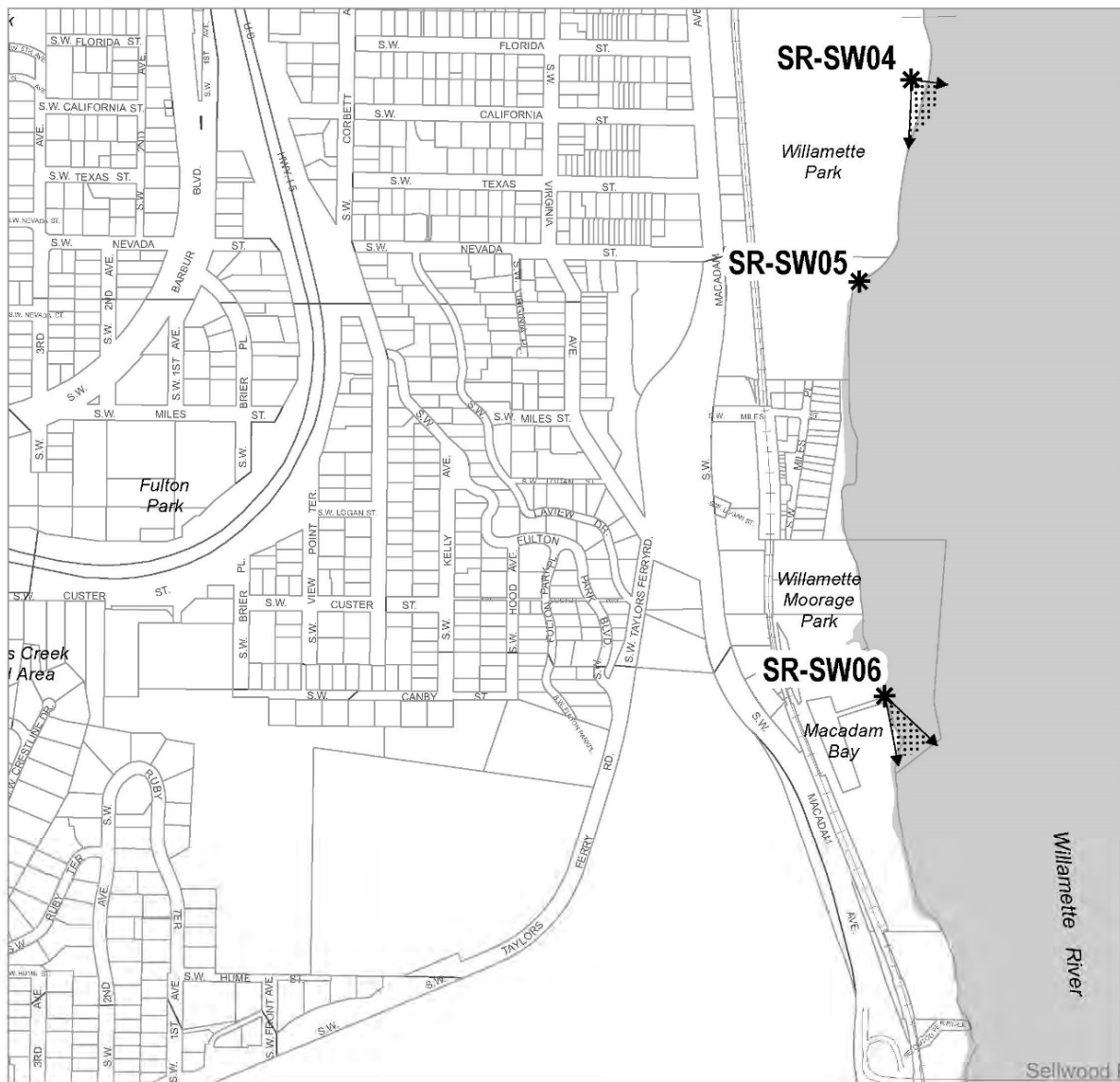
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Portland, Oregon

# South Reach Scenic Resources Protection Plan

## View Corridors without Special Height Restrictions

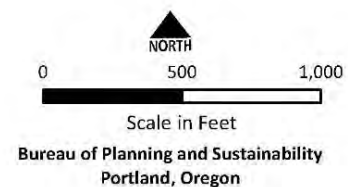
# Map B

Map 4 of 6



### Legend

- City Boundary
- \* Viewpoint
- ▲ View corridors without special height restrictions



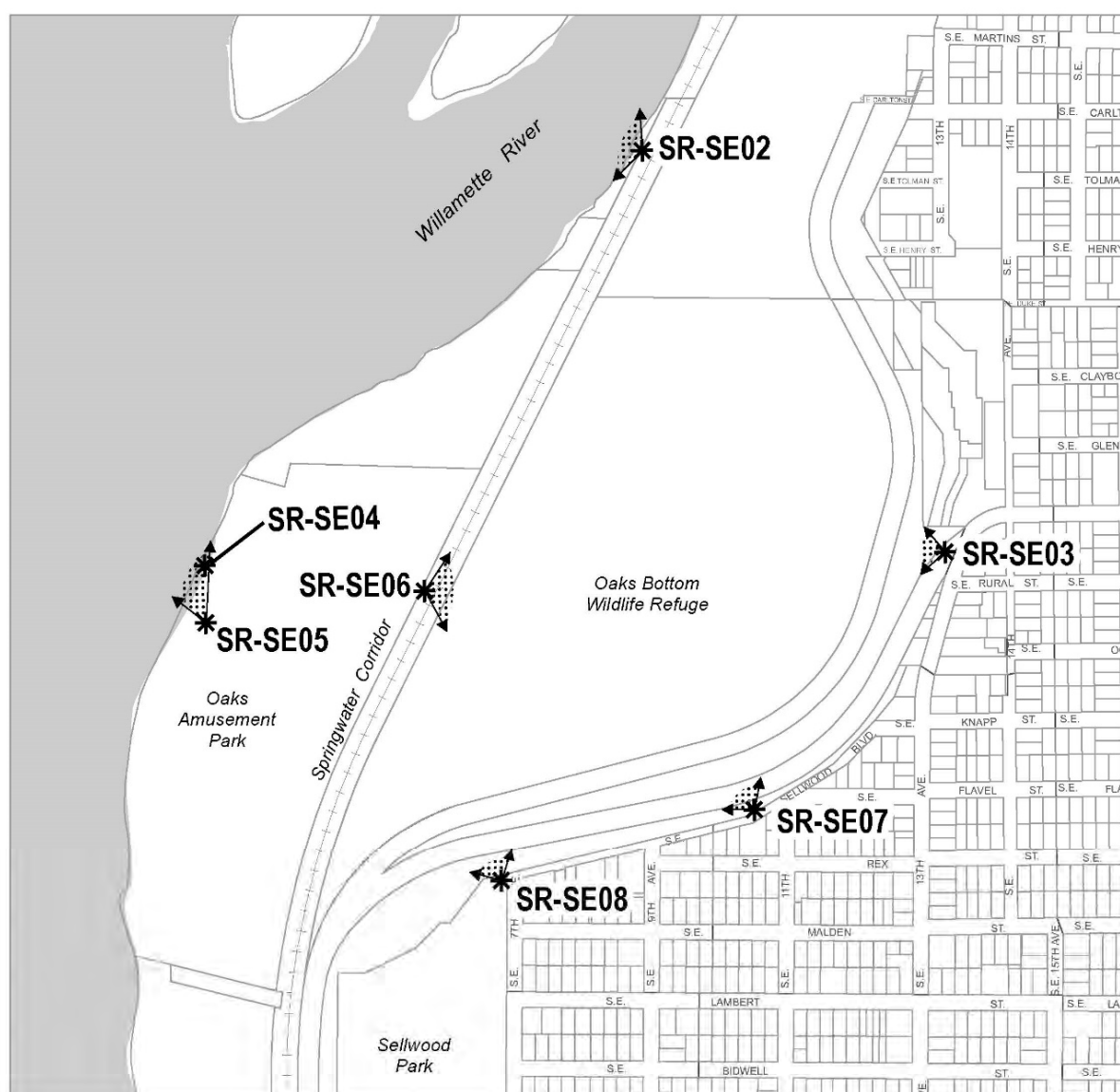


## South Reach Scenic Resources Protection Plan

### View Corridors without Special Height Restrictions

## Map B

Map 3 of 6



### Legend

----- City Boundary

**\***

Viewpoint

View corridors without special height restrictions



NORTH

0                      500                      1,000

Scale in Feet

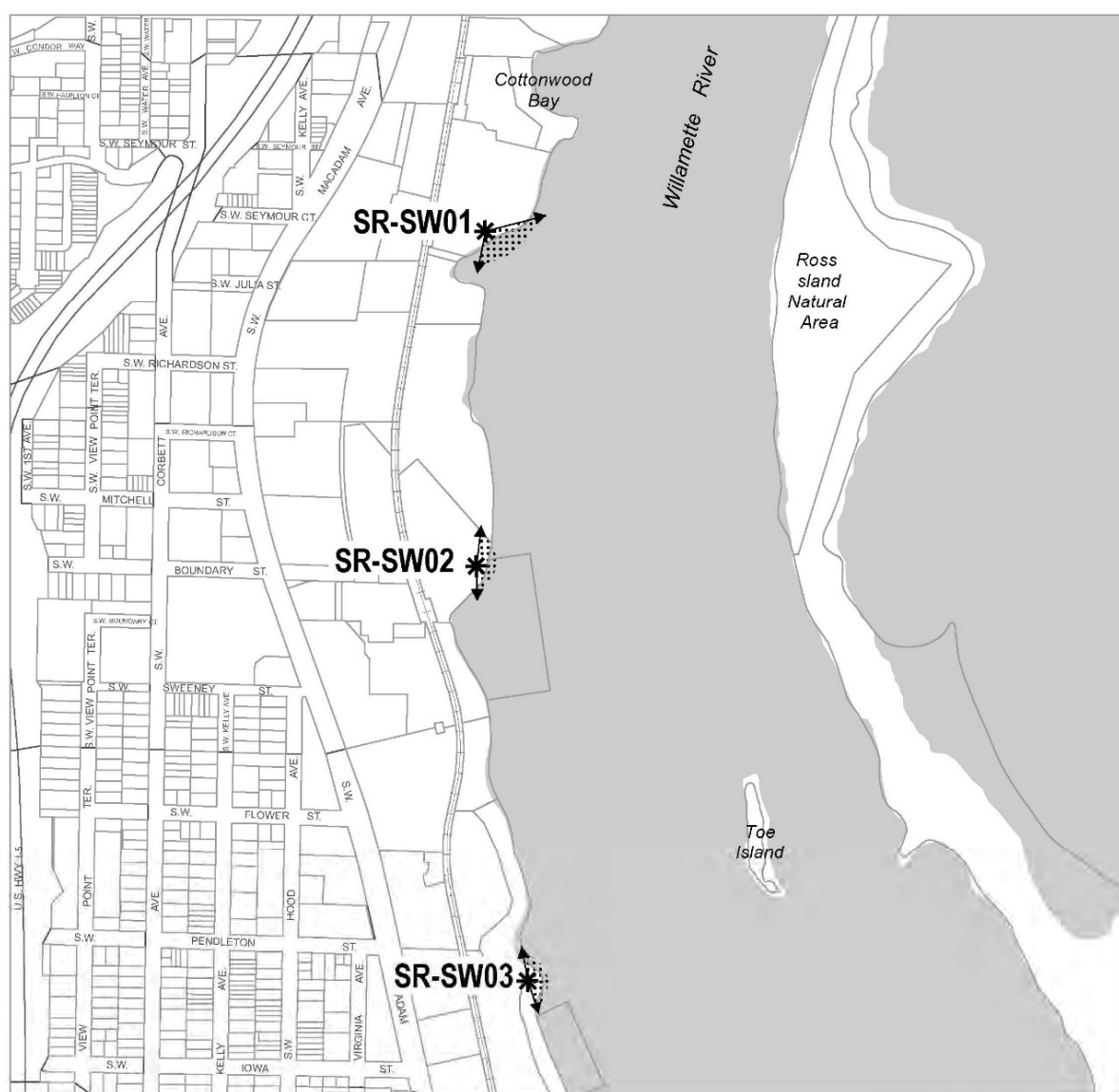
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Portland, Oregon**

## South Reach Scenic Resources Protection Plan

### View Corridors without Special Height Restrictions

## Map B

Map 2 of 6



### Legend

----- City Boundary

\*

Viewpoint

View corridors without special height restrictions



Scale in Feet

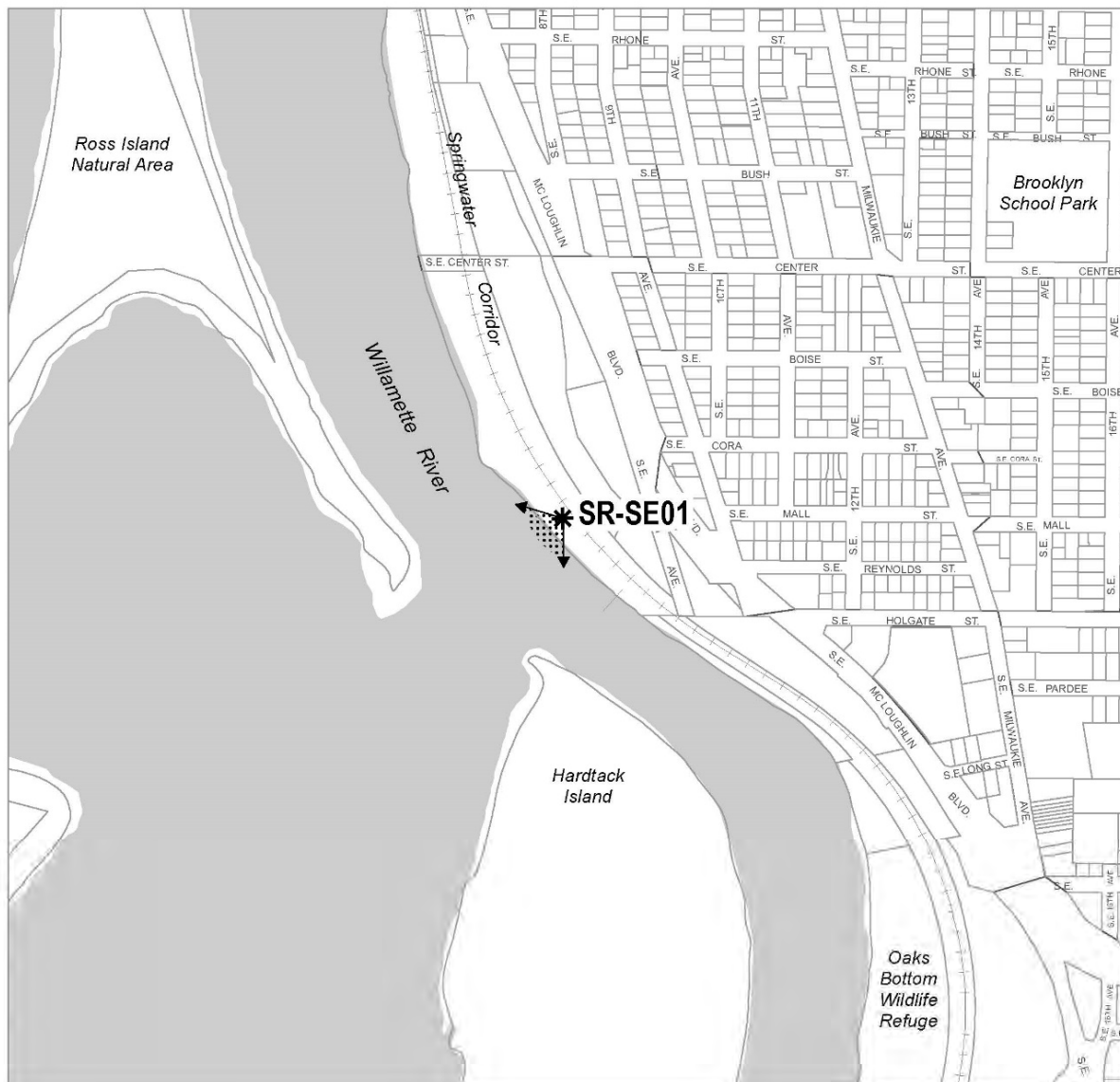
**Bureau of Planning and Sustainability  
Portland, Oregon**

# South Reach Scenic Resources Protection Plan

## View Corridors without Special Height Restrictions

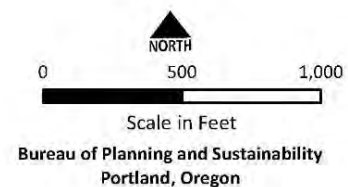
# Map B

Map 1 of 6



### Legend

- City Boundary
- \* Viewpoint
- ▶ View corridors without special height restrictions





# South Reach Scenic Resources Protection Plan

## View Corridors without Special Height Restrictions

# Map B

Map 6 of 6



### Legend

- City Boundary
- \* Viewpoint
- View corridors without special height restrictions

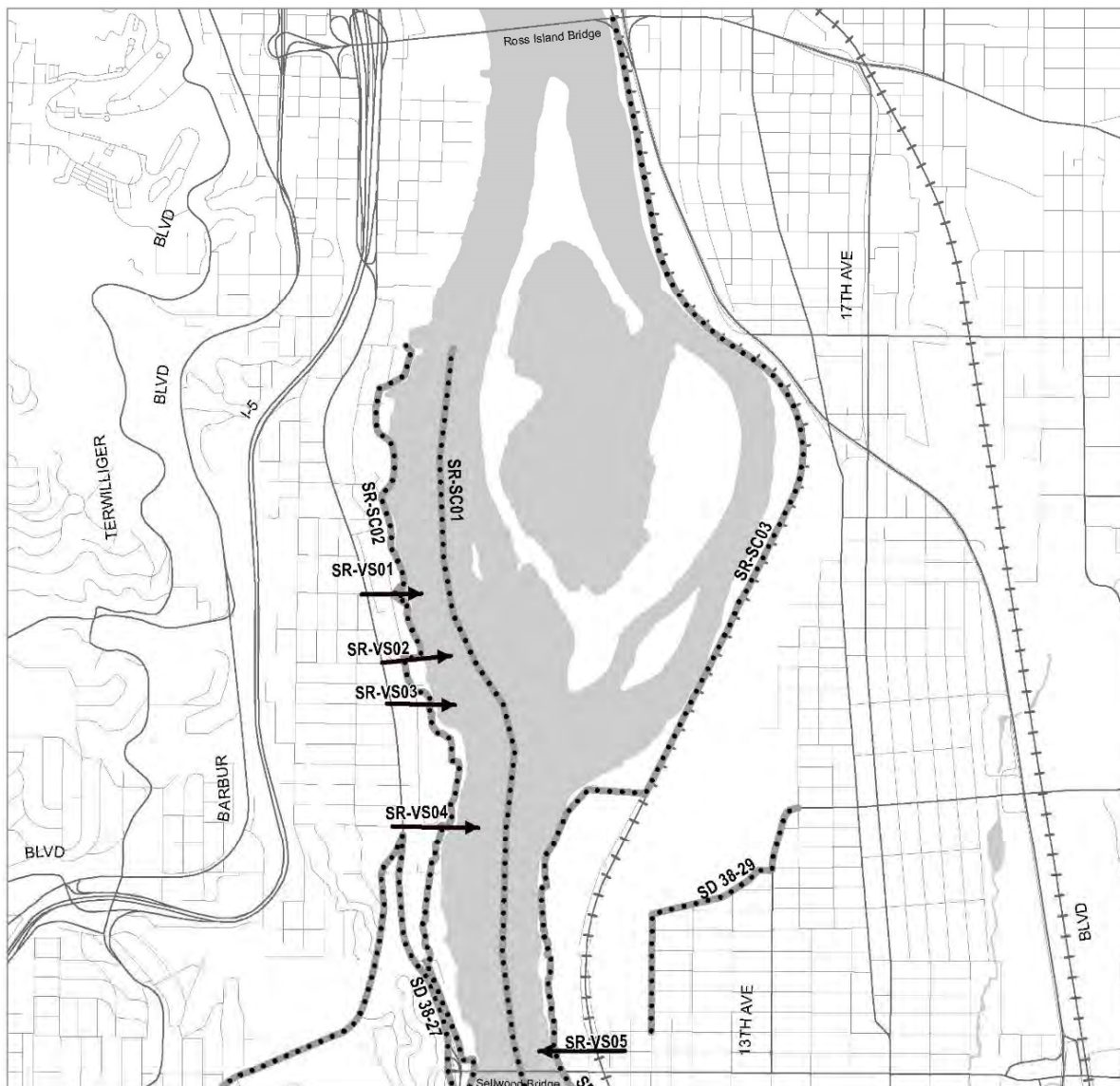


# South Reach Scenic Resources Protection Plan

## Scenic Corridors and View Streets

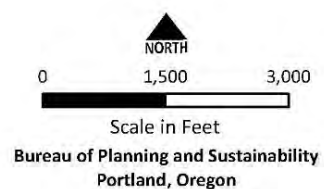
# Map C

Map 1 of 2



### Legend

- City Boundary
- Urban Service Boundary
- View Street
- ..... Scenic Corridors

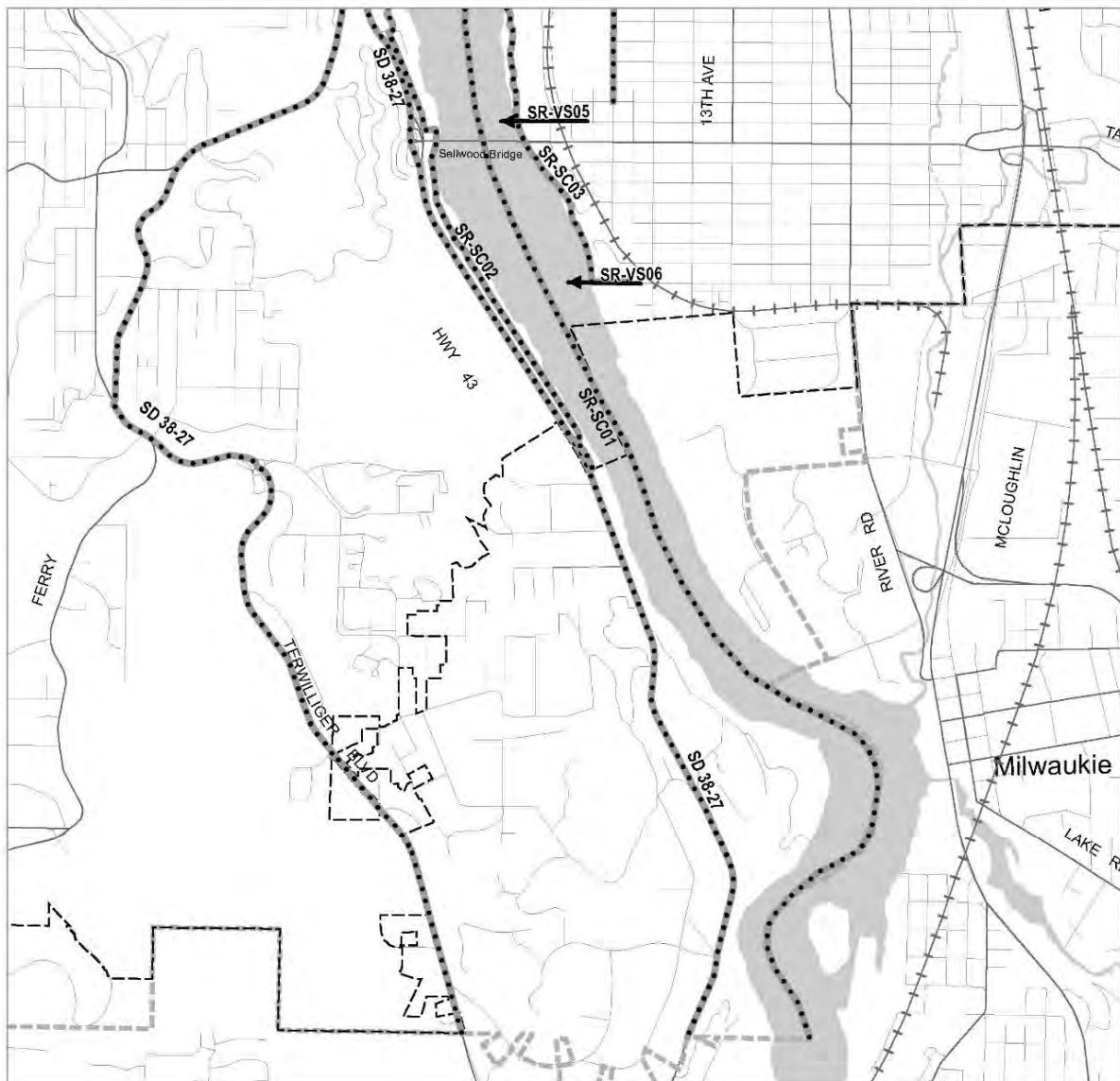


# South Reach Scenic Resources Protection Plan

## Scenic Corridors and View Streets

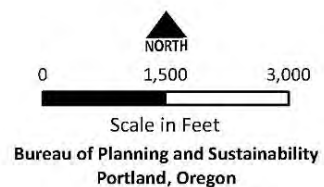
# Map C

Map 2 of 2



### Legend

- City Boundary
- Urban Service Boundary
- View Street
- ..... Scenic Corridors



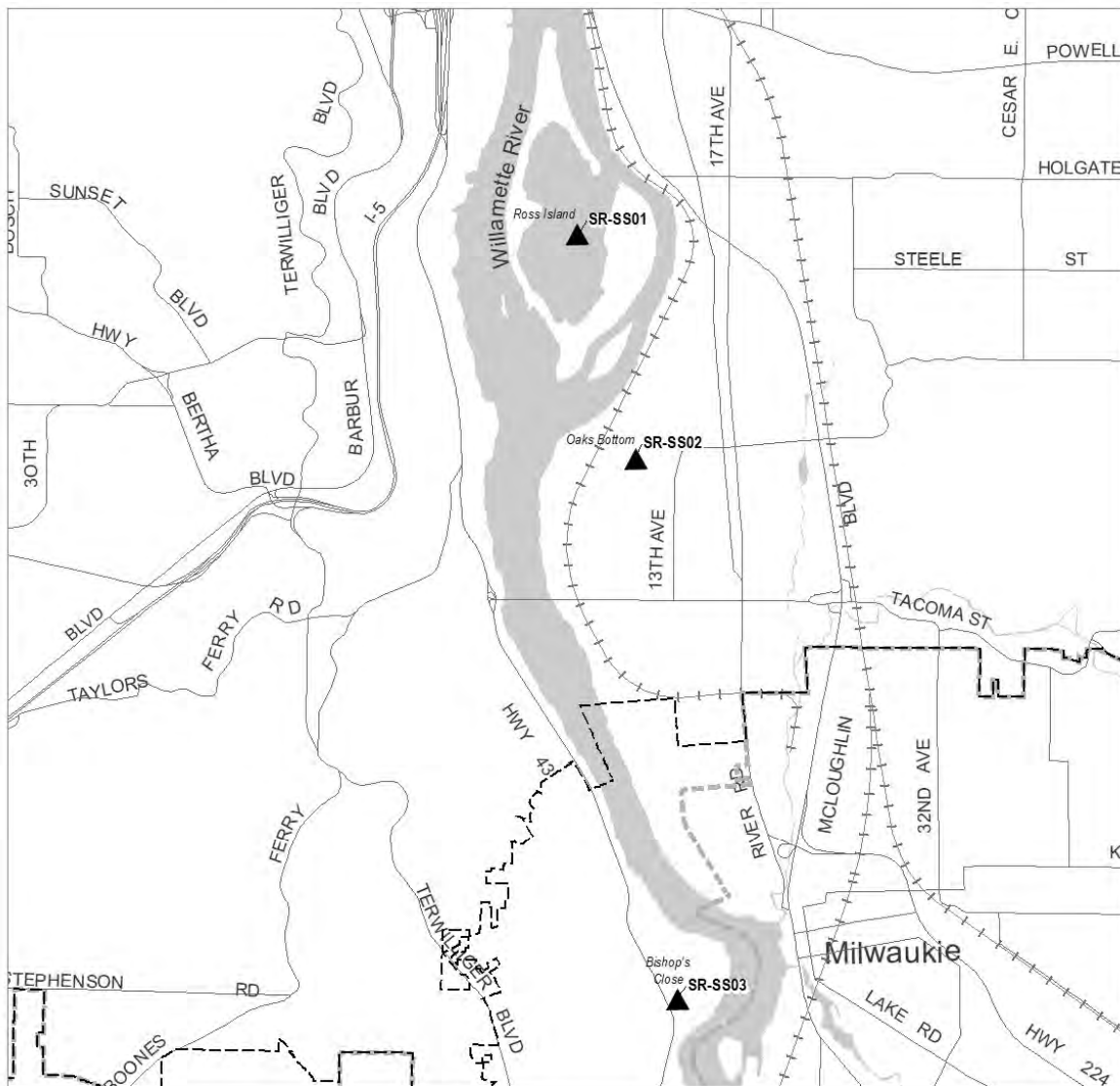


# Central City Scenic Resources Protection Plan

## Scenic Sites and Focal Points

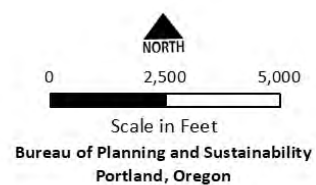
## Map D

Map 1 of 1



### Legend

- City Boundary
- ..... Urban Service Boundary
- ▲ Scenic Site



## REFERENCES

### CITATIONS

City of Portland Parks & Recreation. 2017. Street Tree Inventory Report, City of Portland.

Donovan and Butry 2009. The value of shade: Estimating the effect of urban trees on summertime electricity use. <https://pubag.nal.usda.gov/download/31642/PDF>

Donovan and Butry 2010. Trees in the city: Valuing street trees in Portland, Oregon. <https://www.sciencedirect.com/science/article/pii/S0169204609001674>

Donovan et al. 2011. Urban trees and the risk of poor birth outcomes. <https://www.fs.usda.gov/treesearch/pubs/39615>

Dwyer et al. 1992. Assessing the Benefits and Costs of the Urban Forest. *Journal of Arboriculture* 18(5).

Lutzenhiser, M. and N.R. Netusil. 2001. The Effect of Open Spaces on a Home's Sale Price. *Contemporary Economic Policy* 19: 291-298.

Nowak, et.al. 2006. Air pollution removal by urban trees and shrubs in the United States. [https://www.fs.fed.us/ne/newtown\\_square/publications/other\\_publishers/OCR/ne\\_2006\\_nowak001.pdf](https://www.fs.fed.us/ne/newtown_square/publications/other_publishers/OCR/ne_2006_nowak001.pdf)

Nowak, et.al. 2013. Carbon storage and sequestration by trees in urban and community areas of the United States. [https://www.fs.fed.us/nrs/pubs/jrnl/2013/nrs\\_2013\\_nowak\\_001.pdf](https://www.fs.fed.us/nrs/pubs/jrnl/2013/nrs_2013_nowak_001.pdf)

Nowak, et.al. 2014. Tree and forest effects on air quality and human health in the United States. [https://www.fs.fed.us/nrs/pubs/jrnl/2014/nrs\\_2014\\_nowak\\_001.pdf](https://www.fs.fed.us/nrs/pubs/jrnl/2014/nrs_2014_nowak_001.pdf)

Nutsford, D., Pearson, A., Kingham, S., and Reitsma, F. 2016. Residential exposure to visible blue space (but not green space) associated with lower psychological distress in a capital city. *Health & Place*. 39:70-78.

Ulrich, 1984. View through a window may influence recovery from surgery. *Science*. v224 p420(2). <https://www.ncbi.nlm.nih.gov/pubmed/6143402>

Velarde, et. al., 2007. Health effects of viewing landscapes – Landscape types in environmental psychology. *Urban Forestry & Urban Greening* (6).

Wheeler, B., White, M., Stahl-Timmins, W., and Depledge M. 2012. Does living by the coast improve health and wellbeing? *Health & Place*. 18:1198-1201.

White, M., Smith, A., Humphreys, K., Pahl, S., Snelling, D., and Depledge, M. 2010. Blue Space: The importance of water for preference, affect, and restorativeness ratings of natural and built scenes. *Journal of Environmental Psychology*. 30:482-493.



BACKGROUND DOCUMENTS AND RELATED PROJECT REPORTS

City of Portland Bureau of Planning. Central City 2035 Scenic Resources Protection Plan. July 9, 2018.

City of Portland Bureau of Planning. Scenic Resources Inventory Map. March 1989.

City of Portland Bureau of Planning. Scenic Resources Protection Plan. April 1991.

City of Portland Bureau of Planning. Scenic Views, Sites and Drives Inventory. March 1989.

City of Portland Bureau of Planning. Willamette Greenway Plan. October 1987.

City of Portland Bureau of Planning and Sustainability. 2016. 2035 Comprehensive Plan, Goals and Policies.