



Bureau of Planning and Sustainability

Innovation. Collaboration. Practical Solutions.

MEMO

DATE: October 26, 2020

TO: Commissioner Jo Ann Hardesty and Derek Bradley

FROM: Sallie Edmunds and Jeff Caudill, Bureau of Planning and Sustainability

COPY: Andrea Durbin, Donnie Oliveira and Joe Zehnder, Bureau of Planning and Sustainability

SUBJECT: Minor amendments to the River Plan / South Reach and the Willamette River Greenway Inventory

On November 4, 2020 the City Council will hold a public hearing on the River Plan / South Reach and the Willamette River Greenway Inventory. Since the Planning and Sustainability Commission recommendation, City staff have identified a few recommended amendments to the River Plan/ South Reach and the Willamette River Greenway Inventory. These include:

- A. Amendments to the River Plan / South Reach that are necessary to increase the clarity of the regulations, reduce redundancy of the actions, and update related City documents and titles, including the 2035 Comprehensive Plan and Title 11, Trees. These are listed on page 2 of this memo.
- B. Amendments to the Willamette River Greenway Inventory, a Planning and Sustainability Commission (PSC) recommendation from March 2019. For efficiency purposes, BPS staff decided to wait to bring the inventory to City Council for adoption until the River Plan / South Reach was ready. These amendments will bring the inventory up to date are due to the adoption of Better Housing by Design and to be consistent with Recommended River Plan / South Reach.

We request that you move these minor amendments at the November 4, 2020 session so that they can be considered as part of the legislative package at the public hearing and subsequent deliberations and action.



City of Portland, Oregon | Bureau of Planning and Sustainability | www.portlandoregon.gov/bps
1900 SW 4th Avenue, Suite 7100, Portland, OR 97201 | phone: 503-823-7700 | fax: 503-823-7800 | tty: 503-823-6868

Printed on 100% post-consumer waste recycled paper.

A. AMENDMENTS TO THE RIVER PLAN / SOUTH REACH RECOMMENDED DRAFT (October 2020)

BPS staff recommends the following amendments to the Recommended Draft:

1. **Remove Recreation Action R4B.** After further discussions with Parks and Recreation staff, it was determined that this action is already addressed in Action R1E so is unnecessary. **Amend Volume 1, Part 1, Page 57 and Volume 1, Part 2, Page 390.**
2. **Update Comprehensive Plan Policy 1.2** to reference key City inventory documents that were not included upon adoption of the *2035 Comprehensive Plan*. The proposed amendment is the following:

Policy 1.2 Comprehensive Plan supporting documents. Maintain and periodically update the following Comprehensive Plan supporting documents.

1. Inventories and analyses. The following inventories and analyses are supporting documents to the Comprehensive Plan:
 - Economic Opportunities Analysis (EOA)
 - Buildable Lands Inventory (BLI)
 - Natural Resource Inventory (NRI)
 - Housing Needs Analysis (HNA)
 - Willamette River Greenway Inventory (WRGI)
 - Scenic Resources Inventory (SRI)

[2. through 4. unchanged]

These inventories were not originally included in the 2035 Comprehensive Plan because it was known that both the Willamette River Greenway Inventory and Scenic Resources Inventory-related documents were scheduled to be updated. These inventories have now been updated. **Amend Volume 1, Part 2, Page 5.**

3. **Update commentary for 33.475.225, Residential Docks, and 33.475.440.P., Standards for Existing Residential Docks,** to make it clear that these standards do not apply to floating home moorages. Floating homes are not boats and, therefore, their slips are not residential boat docks, per the standards. However, floating homes are still subject to the requirements of 33.475.405.D, which addresses operations, maintenance, alterations, repair, and replacement of a variety of development types. **Amend Volume 1, Part 2, Page 76 and Volume 1, Part 2, Page 128.**
4. **Update subsection C of 33.475.405, Items Exempt from These Regulations,** in the Zoning code per the following:

“C. Changes to the interior of a building ~~where there are no exterior alterations~~”

2



This change has been requested by Bureau of Development Services to specifically address interior alterations by removing reference to exterior alterations. This will make it clear that projects that only involve interior alterations are exempt from River Environmental overlay zone requirements. **Amend Volume 1, Part 2, Page 97.**

5. **Update Title 11 Table 40-1 to include the River Environmental overlay zone.** Table 40-1 identifies the circumstances under which a Title 11 non-development tree removal permit must be obtained within the City's overlay zones and plan districts. The River Environmental overlay zone was not added to Table 40-1 as a part of the *Central City 2035*. Proposed updates to the table are shown in the attachment.

B. Amendments to the Willamette River Greenway Inventory Recommended Draft (October 2020)

These proposed changes are organized by table, figure, map and appendices and will result in corresponding minor edits to inventory text based on the updated information. Any relevant changes to the River Plan / South Reach adopted by City Council would also need to be reflected in the Willamette River Greenway Inventory. Replacement tables, figures and maps are attached.

1. Tables

- A. **Table 1: Generalized Base Zone Sub-Categories** (page 4) - revises current base zones, which changed with adoption and implementation of the Better Housing by Design project.
- B. **Table 2: Acres per Zone By Willamette River Area** (page 4) - includes new base zone categories per Better Housing by Design project and acreage changes to South Reach based on updated base zone designations.
- C. **Table 3: Greenway/River Overlay Zone Acres** (page 5) - updates acreages for overlay zones per River Plan / South Reach.
- D. **Table 5: Generalized Land Uses** (page 6) - revises generalized land use acreage per River Plan / South Reach.
- E. **Table 7: Natural Resources by River Area** (page 8) - updates data from River Plan / South Reach Natural Resources Protection Plan.
- F. **Table 8: Natural Resources Inventory Combined Relative Ranks** (page 9) - changes relative rank data per River Plan / South Reach Natural Resources Protection Plan.
- G. **Table 9: Willamette Greenway Trail System** (page 10) - updates data for built and unbuilt sections of the Greenway trail system in the three reaches.



2. Figures

- A. **Figure 2: Zoning in the Willamette Greenway** (page 4) - changes the percentage of zoning types in the Willamette Greenway per River Plan / South Reach.
- B. **Figure 3: Percent of Generalized Land Uses** (page 6) - changes the percentage of generalized land uses in the Willamette Greenway per River Plan / South Reach.
- C. **Figure 4: Acres of Natural Resources Features along Willamette River** (page 9) revises acreage due to River Plan / South Reach Natural Resources Protection Plan.

3. Maps

- A. **Map 2: Base Zones** (page 16) includes new designations adopted in Better Housing By Design Project and base zone changes from River Plan / South Reach.
- B. **Map 3: Overlay Zones** (page 18) incorporates changes to overlay zones from the River Plan / South Reach.
- C. **Map 4: Land Use** (page 20) has changes from River Plan / South Reach.
- D. **Map 6: Natural Resource Inventory Features** (page 24) includes updated information from the River Plan / South Reach Natural Resources Protection Plan inventory.
- E. **Map 7: Natural Resource Inventory Combined Rank** (page 26) includes updated information from the River Plan / South Reach Natural Resources Protection Plan inventory.
- F. **Map 8: Recreation** (page 28) incorporates updated information from the River Plan / South Reach including changes from the Scenic Resources Protection Plan.
- G. **Map 9: Historic and Cultural Resources** (page 30) has changes to the reference numbers to be consistent with the State Historic Preservation Office new reference system for historic landmarks and inventoried resources.

4. Appendices

- A. **Appendix A: Uses Permitted by City of Portland Base Zones (Map 2)** (page 32) updates the table based on the Better Housing by Design project.
- B. **Appendices E and F: Historic Resources Inventory and Landmarks (Map 9)** (page 41) replaces old reference identification with new reference identification for inventoried and landmarked places.



ATTACHMENTS

A. River Plan / South Reach

- A-1 Amended commentary for 33.475.220, Residential Docks, and 33.475.440.P, Standards for Existing Residential Docks
- A-2 Replacement Table 40 - 1

B. Willamette River Greenway Inventory

- B-1 Replacement Tables - Table 1, Table 2, Table 3, Table 5, Table 7 and Table 8
- B-2 Replacement Figures - Figure 2, Figure 3, and Figure 4
- B-3 Replacement Map 2
- B-4 Replacement Map 3
- B-5 Replacement Map 4
- B-6 Replacement Map 6
- B-7 Replacement Map 7
- B-8 Replacement Map 8
- B-9 Replacement Map 9
- B-10 Replacement Appendix A
- B-11 Replacement Appendix E and Appendix F



Commentary

33.475.225 Residential Docks

There are numerous residential docks along the Willamette River in the South Reach, including the unincorporated Multnomah County area of Riverdale/Dunthorpe. While docks provide enjoyment for the property owner, these overwater structures have negative impacts on critical fish habitats, especially for endangered and threatened juvenile fish species like Chinook and Coho Salmon, and Steelhead Trout. This section of the Willamette River is also a key migratory habitat for Pacific Lamprey, Coastal Cutthroat Trout and White Sturgeon. Overwater structures create shaded areas on the river's surface and have been found to change fish gathering areas and behavior and the relationship between predator and prey species. Dark areas under docks are where predatory fish species like Pikeminnow, Walleye, Smallmouth Bass, and Largemouth Bass hide and eat juvenile salmon as they migrate to the Columbia River along the Willamette River's edges and shallow habitat areas. These structures also impede natural sediment transport along the shoreline, which can lead to periodic dredging to remove sediment, adding additional adverse environmental impacts. These structures also disrupt the maintenance of habitat for waterfowl and wildlife.

Overwater structures can force juvenile fish to swim further out into the river, adding to their travel distance and energy spent with increased river velocity away from the riverbank. In the South Reach there are a limited number of remaining shallow water habitat areas these need to be protected for migratory juvenile fish as resting and feeding places out of the river current.

This proposal is based on conversations with federal and state agencies that implement the Endangered Species Act, other relevant legislation and provide leasing permits for structures over public resources like the Willamette River. This standard for residential docks does not allow new floating boat docking structures to locate in shallow water habitat areas, except when the criteria found under River Review (33.865.100) can be met. This is to ensure that the adverse environmental impacts of these over water structures on critical fish habitat and related impacts are addressed. Adjustments to this location standard are not allowed because of the adverse environmental impacts that would be created. A modification through River Review would ensure environmental impacts would be mitigated. The size limitation is based on federal Access Board standards for recreational docks.

These standards apply to boat docks that are accessory to a residential use and do not apply to floating home or commercial moorages. Additionally, the standards does not apply to ramps and gangways, just floating over water boat docking structures. While use of this dock standard will help facilitate review of an application, the specific placement of the dock will still be subject to a River Review.

33.475.230.A Purpose

This section has been updated to remove the reference to "avoid" because the aim of the standards is to minimize light glare and spill. Project will not be reviewed to determine if lighting has been avoided and therefore including "avoid" is unnecessary.

33.475.230.B.3

This subsection has been updated to include the required lamp characteristics that were previously required only in the river setback (in 33.475.230.C). Adding this requirement will ensure that all lighting in the River Environmental overlay zone is designed to minimize impacts on South Reach wildlife. Excessive lighting has been shown to disturb a variety of wildlife, including birds, turtles, fish and others. The existing language in 33.475.230.C. has been deleted.

33.475.225 Residential Docks

A. Purpose The residential docks standard is intended to:

- Limit the impacts of new docks on shallow water habitat areas, which are critical for the survival of a variety of aquatic species;
- Minimize harmful shading that predatory fish species use to prey on fish species listed under the Endangered Species Act;
- Minimize disruption to water flow patterns and natural sediment transport along the shoreline; and
- Maintain access to important foraging areas for waterfowl and other wildlife.

B. Residential dock standards. The following standards apply to new floating boat docking structures located in a residential zone.

1. The total square footage of the new floating boat docking structure must not exceed 200 square feet. Adjustments are prohibited; and
2. The new floating boat docking structure may not be located within shallow water habitat. Adjustments are prohibited. Modifications are allowed through river review.

33.475.230 Exterior Lighting

A. Purpose. The standards for exterior lighting are intended to:

- ~~Avoid or m~~Minimize light glare and light spill from artificial lighting and associated negative impacts on fish and wildlife and their habitats;
- Reduce light pollution and glare impacts on residential developments;
- Maintain public safety and security along public trails, in parks, along public streets, and on piers and gangways; and
- Provide flexibility for river-dependent operations associated with docks.

B. General standards. The following standards apply to all exterior lights located within the River General overlay zone.

1. Exterior lights must not project light upward or to the side of the fixture; ~~and~~
2. The top and sides of all exterior light fixtures must be shielded with 100 percent opaque materials; and
3. Lamps must fall below 3000K or within an S/P ratio range of 1 to 1.2.

C. Additional standards for areas near the Willamette River. The following standards apply to all permanent exterior lights located within and riverward of the river setback, and all permanent exterior lights located within 25 feet landward of the river setback. Exterior lights within Governor Tom McCall Waterfront Park, and exterior lights within public streets are exempt from this Subsection:

1. Exterior lights are allowed only if the lights are for the following uses or development:
 - a. Park and Open Area uses;
 - b. The major public trail;

Commentary

33.475.440.P. Standards for Existing Residential Docks

When an existing floating boat docking structure (excludes ramp and gangway) is significantly repaired or altered greater 50% or more of its constituent system parts or replaced, it is not exempt from meeting the regulations of 33.475.400. This new standard reduces the adverse environmental impacts of floating boat dock structures in a residential zone but ensuring that the size of the floating boat dock structure is reduced either by 25% of the existing structure's size or by meeting the new residential dock standard provision (33.475.225.B.1), which limits the floating boat dock structure to 200 square feet.

Significant improvements to, or replacement of existing floating boat docking structures mean that these structures can lessen their impacts on critical fish habitats, including reducing the area of shade created for predatory fish that feed on Endangered Species Act listed salmon and steelhead fish species and other species of concern. The reduced size of the floating boating docking structure will also reduce the area around which these fish must travel as they migrate along the shoreline area. Also, see commentary for 33.475.225.

The standard includes a provision that does not allow any changes to the non-floating portions of the floating boat dock structure. This is to ensure that there are no additional adverse environmental impacts to shallow water habitat and the riverbank area overall.

These standards apply to boat docks that are accessory to a residential use and do not apply to floating home or commercial moorages.

33.475.440.Q. Standards for Land Divisions and Planned Developments

New development standards for land divisions and Planned Developments are added to the standards in the River Environmental overlay chapter. The structure and content of these standards is consistent with similar standards in 33.430, Environmental Overlay Zones. Some changes have been made to address the characteristics of the Willamette River South Reach.

P. Standards for existing residential docks. The following standards apply to replacing or altering or repairing floating boat dock structures that existed on [insert effective date of ordinance] that are located in a residential zone:

1. If the floating boat dock structure has a total square footage greater than 200 square feet, the total square footage of the floating portions must be reduced by at least 25 percent; and
2. The non-floating portions of the floating boat dock structure must remain in the same location and must not be increase in size.

Q. Standards for land divisions and Planned Developments. The following standards apply to land divisions and Planned Developments.

1. All development is landward the river setback;
2. All development is outside the 100-year floodplain and 1996 Flood Inundation Area;
3. Where there is a house on the site that is in the 100-year floodplain or 1996 Flood Inundation Area, it may remain if a new lot is created that meets the following:
 - a. The existing house will remain; and
 - b. A new lot is created to contain the existing house as well as a future building site at least five feet from 100-year floodplain and 1996 Flood Inundation Area. For the purpose of this subsection, "building site" means an area of any shape in which a square 40 feet by 40 feet will fit;
4. Areas of the 100-year floodplain and 1996 Flood Inundation Area that are outside of lots being created under the provisions of Paragraph P.3. are located entirely within environmental resource tracts. The tracts must be owned in common by all of the owners of the land division site, by a Homeowner's Association, by a public agency, or by a non-profit organization;
5. The total amount of disturbance area allowed within the River Environmental overlay zone is either the amount listed in Table 475-5 or 1 acre, whichever is less, minus the amount of area outside the River Environmental overlay zone;

Table 475-5						
Maximum Disturbance Area for a Land Division and PD Allowed Within the River Environmental Overlay Zone [1]						
	<u>OS and RF Zone</u>	<u>R20 Zone</u>	<u>R10 Zone</u>	<u>R7 Zone</u>	<u>R5 Zone</u>	<u>All Other Zones</u>
<u>Maximum Disturbance Area</u>	<u>5% of site area</u>	<u>12% of site area</u>	<u>15% of site area</u>	<u>17% of site area</u>	<u>22% of site area</u>	<u>50% of the base zone building coverage</u>

Notes:

[1] Disturbance area includes utility construction.

A-2, Replacement Table 40 - 1

River Plan / South Reach

Title 11 Table 40-1 Amendment

Table 40-1				
Tree Removal in Overlay Zones and Plan Districts ^[1]				
Overlay Zone or Plan District	T11 Tree Size	Title 11 tree permits for removing^[2]	T33 Tree Size	Title 33 Zoning Code review for removing
Environmental conservation and protection overlay zones “c” “p” See: 33.430.080	Street all City ≥ 3” Private ≥ 6”	<ul style="list-style-type: none"> ➤ Trees within 10 feet of buildings or attached structures ➤ Nuisance species trees ➤ Non-native non-nuisance trees ➤ Dead, Dying, or Dangerous trees when wood 12 inches in diameter and greater is left in the same ownership, unless the City Forester approves removal of diseased wood from the site because it will threaten the health of other trees ➤ Trees projecting into a City-designated view corridor 	Street all City all Private all	<ul style="list-style-type: none"> ➤ Healthy native trees that do not meet the applicable Title 11 situations listed in this table.
Greenway overlay zones “n” “q” “g” “i” “r” See: 33.440.320	Street all City ≥ 3” Private ≥ 6”	<ul style="list-style-type: none"> ➤ Nuisance species trees ➤ Dangerous trees ➤ Trees landward of the greenway setback in “g” “i” “r” overlays 	Street all City all Private all	<ul style="list-style-type: none"> ➤ Native Trees ➤ Non-native non-nuisance trees ➤ Dead or dying trees ➤ Trees not meeting the listed situations when located within or riverward of the greenway setback in “g” “i” “r” overlays ➤ Trees not meeting the listed situations when located in “n” “q” overlays
Pleasant Valley Natural Resources Overlay Zone “v” See: 33.465.080	Street all City ≥ 3” Private ≥ 6”	<ul style="list-style-type: none"> ➤ Trees within 10 feet of buildings or attached structures ➤ Nuisance species trees ➤ Non-native non-nuisance trees ➤ Dead, Dying, or Dangerous trees when wood 12 inches 	Street all City all Private all	<ul style="list-style-type: none"> ➤ Healthy native trees that do not meet the applicable Title 11 situations listed in this table

		in diameter and greater is left in the same ownership, unless the City Forester approves removal of diseased wood from the site because it will threaten the health of other trees		
<u>River environmental overlay zone "e"</u> <u>See: 33.475.405</u>	<u>Street</u> all <u>City</u> ≥ 3" <u>Private</u> ≥ 6"	➤ Non-native trees and trees on the Nuisance Plants List landward of the river setback and outside the riparian buffer area that are not more than 3 inches in diameter	Street all City all Private all	➤ <u>All trees that do not meet the applicable Title 11 situations listed in this table</u>
Scenic Resource Overlay "s" Only applies to trees that are within the scenic corridor setback. See: 33.480.040 B.2.a.	Street all City ≥ 3" Private ≥ 6"	➤ Trees within 10 feet of buildings or attached structures ➤ Nuisance species trees ➤ Dead, Dying, or Dangerous trees ➤ Trees associated with the repair and maintenance of water, sewer or storm water lines ➤ Trees within 20 feet of a public safety RF Transmission Facility ➤ Street, City, or Private trees up to and including 12 inches diameter provided that replanting per 33.480.040.B.2.h(7) is met [3]	Street ≥ 6" City ≥ 6" Private ≥ 6"	➤ Trees within the scenic corridor setbacks that do not meet the applicable Title 11 situations listed in this table
[NO CHANGES TO REMAINDER OF TABLE]				
Note [1] If a site is in more than one overlay zone or Plan District, the regulations for both areas apply. [2] All Plan Districts and overlay zones require tree replacement, or as allowed by the City Forester. [3] Minimum planting is required to meet zoning code requirements.				

B-1, Replacement Tables

Table 1: Generalized Base Zone Sub-Categories

Open Space	Single Dwelling Residential	Multi-dwelling Residential	Commercial	Employment	Industrial	Institutional
Open Space (OS)	Farm and Forest (RF)	Residential Multi-Dwelling 1 (RM 1)	Commercial Mixed Use 1 (CM1)	General Employment 1 (EG1)	General Industrial 1 (IG1)	Campus Institutional 1 (CI1)
	Residential 20,000 (R20)	Residential Multi-Dwelling 2 (RM 2)	Commercial Mixed Use 2 (CM2)	General Employment 2 (EG2)	General Industrial 2 (IG2)	
	Residential 10,000 (R10)	Residential Multi-Dwelling 4 (RM 4)	Central Commercial (CX)	Central Employment (EX)	Heavy Industrial (IH)	
	Residential 5,000 (R5)	Central Residential (RX)				

Table 2: Acres per Zone by Willamette River Area

Zone	North Reach	Central Reach	South Waterfront	South Reach	Total Acres
CI1	60.0				60.0
CM1				5.8	5.8
CM2				52.3	52.3
CX	0.0	37.6	69.1	0.0	106.8
EG1	1.1				1.1
EG2	125.8			25.0	150.8
EX		50.7			50.7
IG1	12.0	0.8			12.8
IG2	158.7				158.7
IH	1,653.1	0.2		0.0	1,653.3
OS	168.2	32.0	0.3	408.1	608.6
R5	6.4			5.5	11.9
R10				0.6	0.6
R20				53.3	53.3
RF	14.3			42.9	57.2
RM1				0.9	0.9
RM2				33.0	33.0
RM4				17.0	17.0
RX		21.1			21.1
Reach Total	2,199.7	142.5	69.4	644.3	3,055.8

Table 3: Greenway/River Overlay Zone Acres

Greenway Overlay Zones	North Reach	Central Reach	South Waterfront	South Reach	Grand Total
eg*		394		1,205	1,598
er*				201	201
g	295		140		435
g*		150		130	280
gq	265				265
i	3,636				3,636
iq	9				9
n	41				41
nq	38				38
q	6				6
qr	194				194
r	11				11
r*				8	8
Reach Total	4,496	543	140	1,544	6,723

Table 5: Acres of Generalized Land Uses

Land Use Category	North Reach	Central Reach	South Waterfront	South Reach	Total
Aggregate Excavation/Processing	90.1			50.6	140.8
Auto Related	3.0			2.2	5.2
Commercial	43.6	24.9	26.5	67.2	162.3
Industrial	1,478.0	7.7	8.6	77.9	1,572.1
Institutional	55.8	9.5		0.7	66.0
Multi Dwelling Residential		36.9	5.9	49.5	92.2
Parks Open Space	152.9	32.9	4.5	312.4	502.7
Right of Way	0.5	1.9	1.7	14.2	18.3
Single Dwelling Residential	3.0			50.5	53.5
Utility	75.7	1.6			77.3
Vacant	245.2	16.8	22.2	17.8	302.0
Other	51.7	10.5		1.3	63.5
Total	2,199.7	142.5	69.4	644.3	3055.9

Table 7: Natural Resource Features by River Area

Features	Acres	Miles
Greenway	6725	
River (acres)	3311	23
Swan Island Channel		2
Ross Island Channel		2
Stream/Drainageway-Open Channel		2

	North Reach	Central Reach	South Waterfront	South Reach	Total
River (miles)	12.3	2.8	0.4	7.2	22.7
Stream (linear feet)	8,007	0	68	1,508	9,583
Wetlands	50	0	0	96	146
Flood Area					
vegetated	231	11	8	286	536
non-vegetated	380	42	26	148	597
open water	2,096	328	67	820	3,311
Reach total	2,707	381	101	1,253	4,442
Vegetation					
forest	162		1	262	424
woodland	71	9	2	67	148
shrubland	127	7	5	48	186
herbaceous	153	21	2	57	233
Reach total	513	36	10	434	992

Table 8: Natural Resource Inventory Combined Relative Ranks (acres)

Relative Rank	North Reach	Central Reach	South Waterfront	South Reach	Total
High	2,303	343	74	1,197	3,917
SHA (High)	40			13	53
Medium	251	51	13	104	419
Low	377	29	24	91	521
No Rank	1,527	119	29	140	1,815
Total	4,497	544	140	1,544	6,724

Table 9: Willamette Greenway Trail System

Trail Miles	North Reach	Central Reach	South Waterfront	South Reach	Total
Built	3.6	6.4	0.7	6.9	17.6
Proposed	5.8	0.9	0.9	1.7	9.2
Reach Total	9.4	7.3	1.6	8.5	26.9

B-2, Replacement Figures

Figure 2: Zoning in the Willamette Greenway

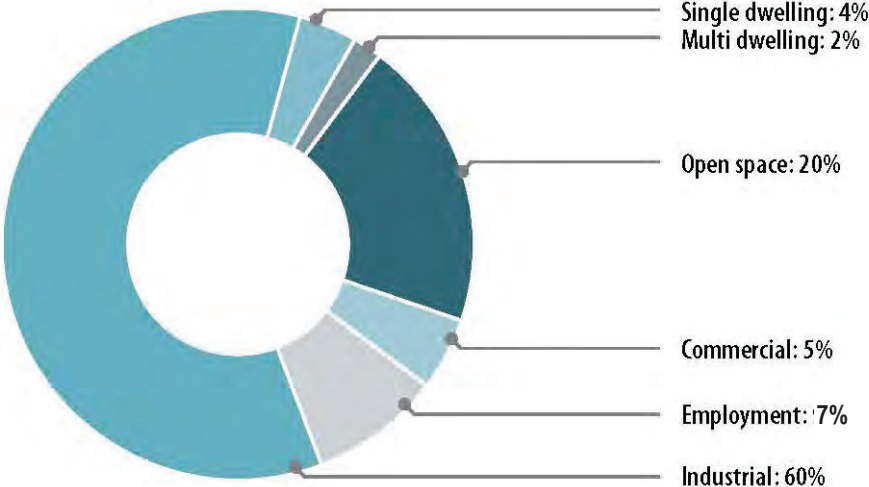


Figure 3: Percent of Generalized Land Uses

Note: Does not include Rights-Of-Way

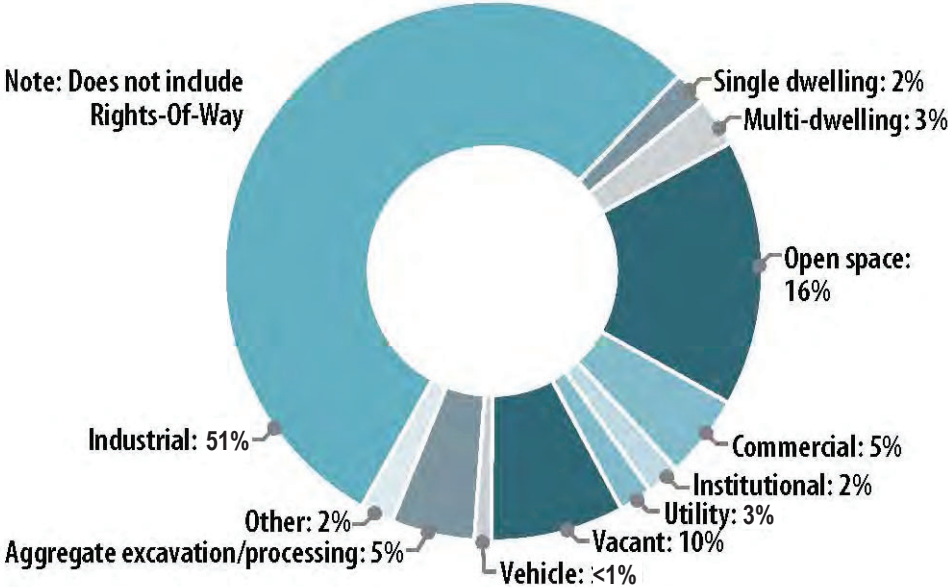
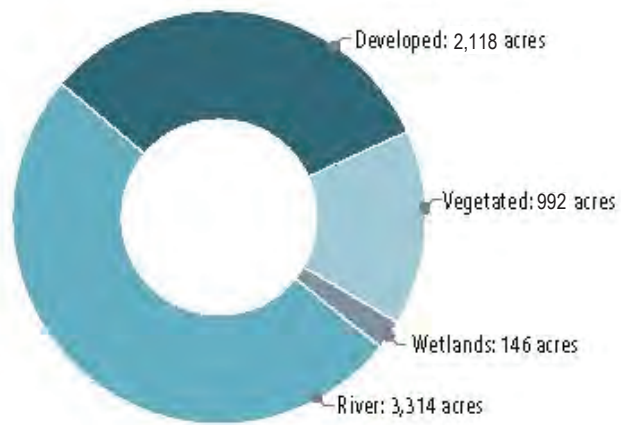


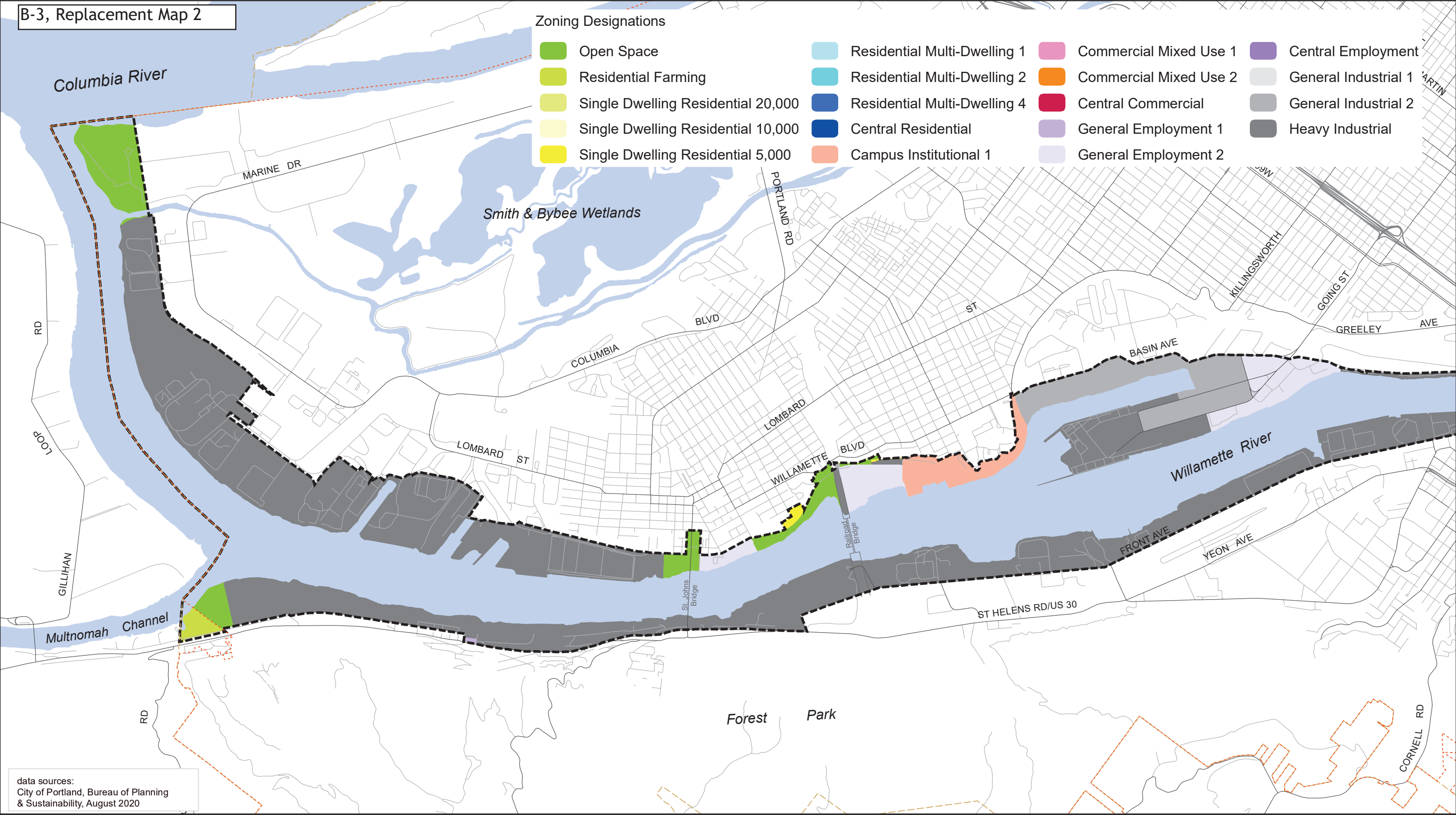
Figure 4: Acres of Natural Resource Features along the Willamette River



B-3, Replacement Map 2

Zoning Designations

- Open Space
- Residential Farming
- Single Dwelling Residential 20,000
- Single Dwelling Residential 10,000
- Single Dwelling Residential 5,000
- Residential Multi-Dwelling 1
- Residential Multi-Dwelling 2
- Residential Multi-Dwelling 4
- Central Residential
- Campus Institutional 1
- Commercial Mixed Use 1
- Commercial Mixed Use 2
- Central Commercial
- General Employment 1
- General Employment 2
- Central Employment
- General Industrial 1
- General Industrial 2
- Heavy Industrial



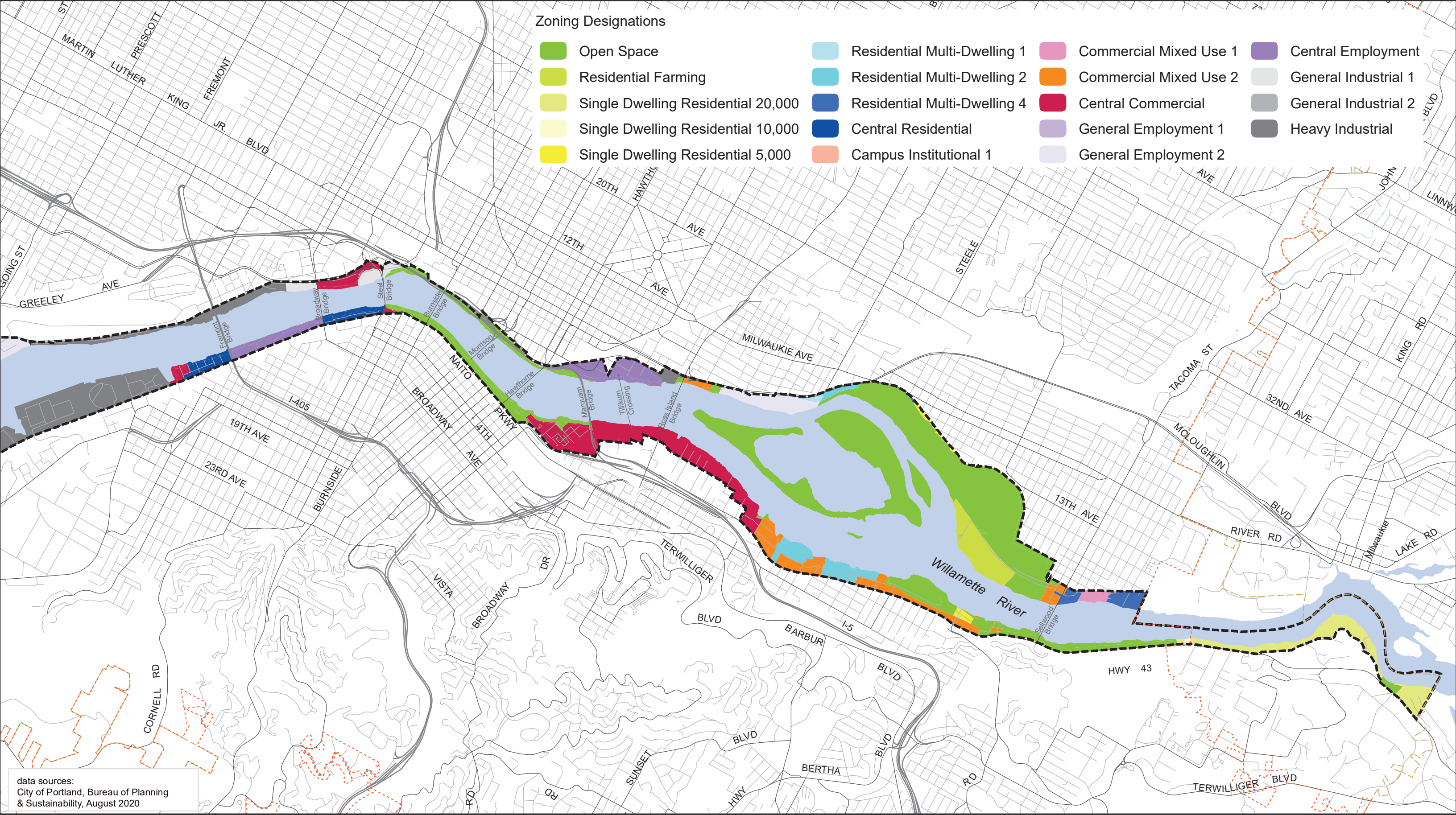
data sources:
City of Portland, Bureau of Planning & Sustainability, August 2020

October, 2020
City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_zoning_south.mxd



Zoning Designations

- Open Space
- Residential Farming
- Single Dwelling Residential 20,000
- Single Dwelling Residential 10,000
- Single Dwelling Residential 5,000
- Residential Multi-Dwelling 1
- Residential Multi-Dwelling 2
- Residential Multi-Dwelling 4
- Central Residential
- Campus Institutional 1
- Commercial Mixed Use 1
- Commercial Mixed Use 2
- Central Commercial
- General Employment 1
- General Employment 2
- Central Employment
- General Industrial 1
- General Industrial 2
- Heavy Industrial

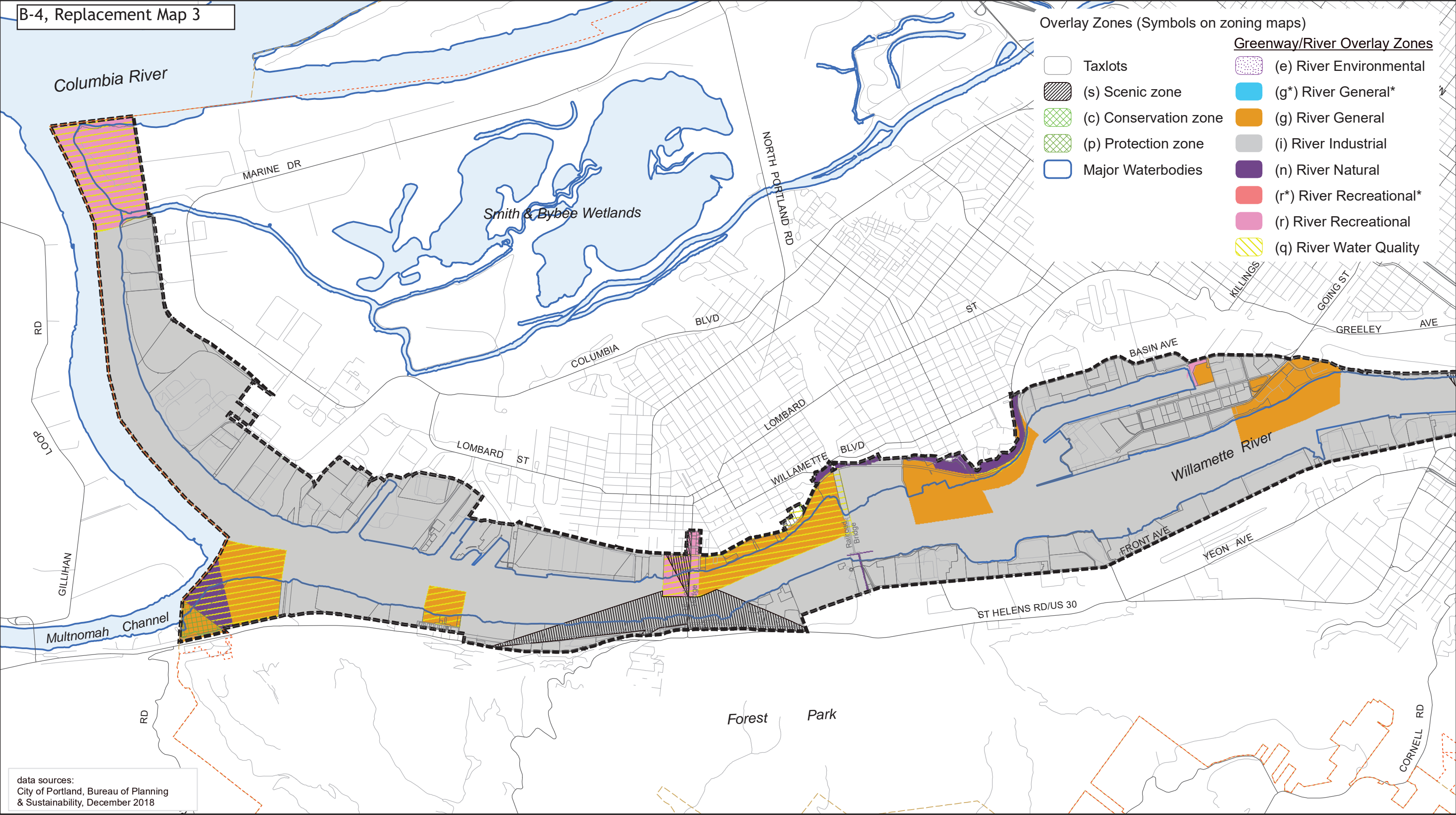
data sources:
City of Portland, Bureau of Planning & Sustainability, August 2020

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



E:\gis\Projects\EnvironmentalGoal_15\11x17_Willamette15_zoning_south.mxd

B-4, Replacement Map 3

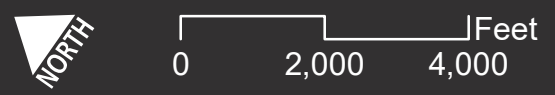


- Overlay Zones (Symbols on zoning maps)
- Taxlots
 - (s) Scenic zone
 - (c) Conservation zone
 - (p) Protection zone
 - Major Waterbodies
- Greenway/River Overlay Zones
- (e) River Environmental
 - (g*) River General*
 - (g) River General
 - (i) River Industrial
 - (n) River Natural
 - (r*) River Recreational*
 - (r) River Recreational
 - (q) River Water Quality

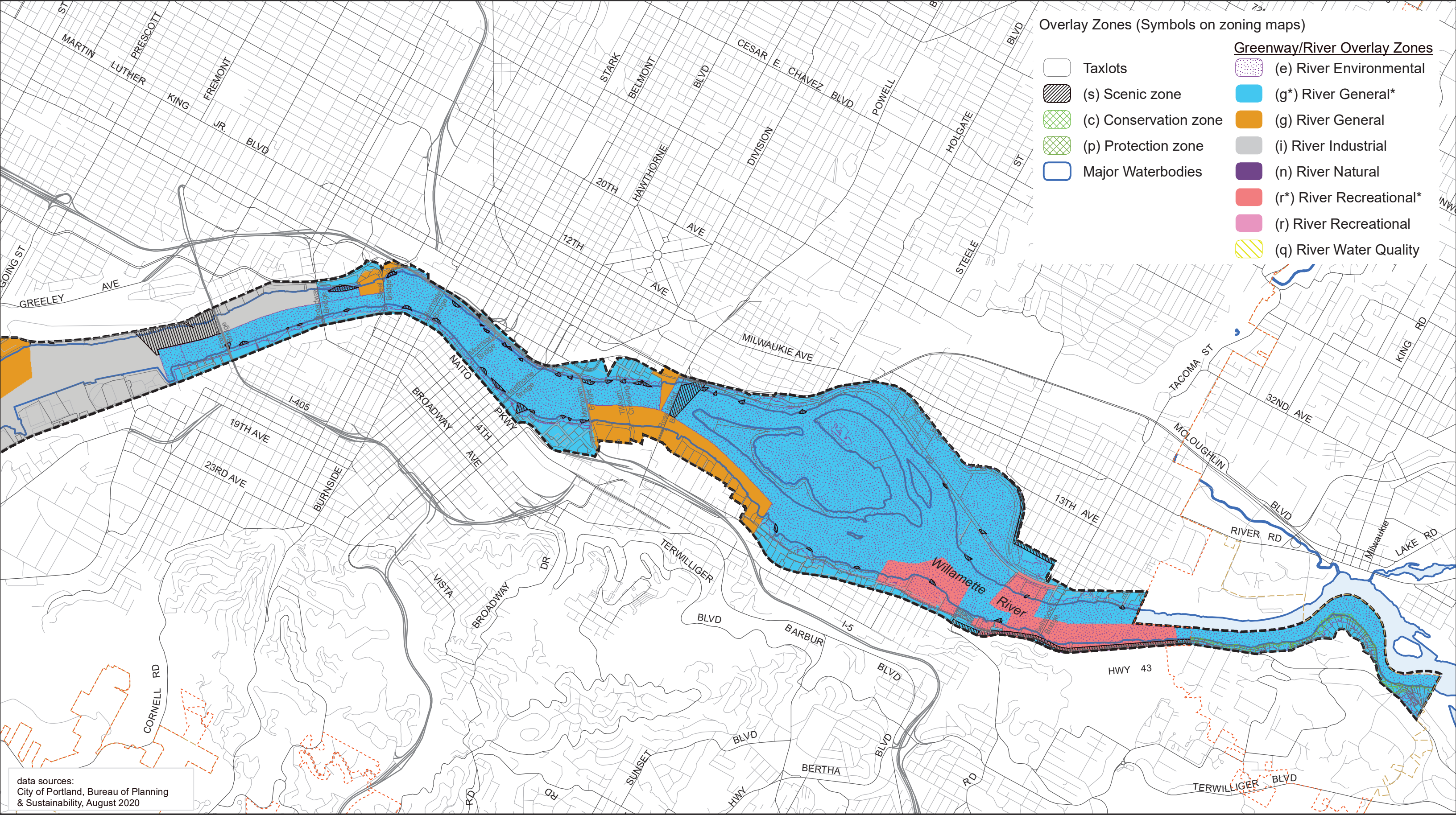
data sources:
City of Portland, Bureau of Planning & Sustainability, December 2018

October 22
City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_overlay_zones_north.mxd



- Overlay Zones (Symbols on zoning maps)
- Taxlots
 - (s) Scenic zone
 - (c) Conservation zone
 - (p) Protection zone
 - Major Waterbodies
- Greenway/River Overlay Zones
- (e) River Environmental
 - (g*) River General*
 - (g) River General
 - (i) River Industrial
 - (n) River Natural
 - (r*) River Recreational*
 - (r) River Recreational
 - (q) River Water Quality

data sources:
City of Portland, Bureau of Planning & Sustainability, August 2020













- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

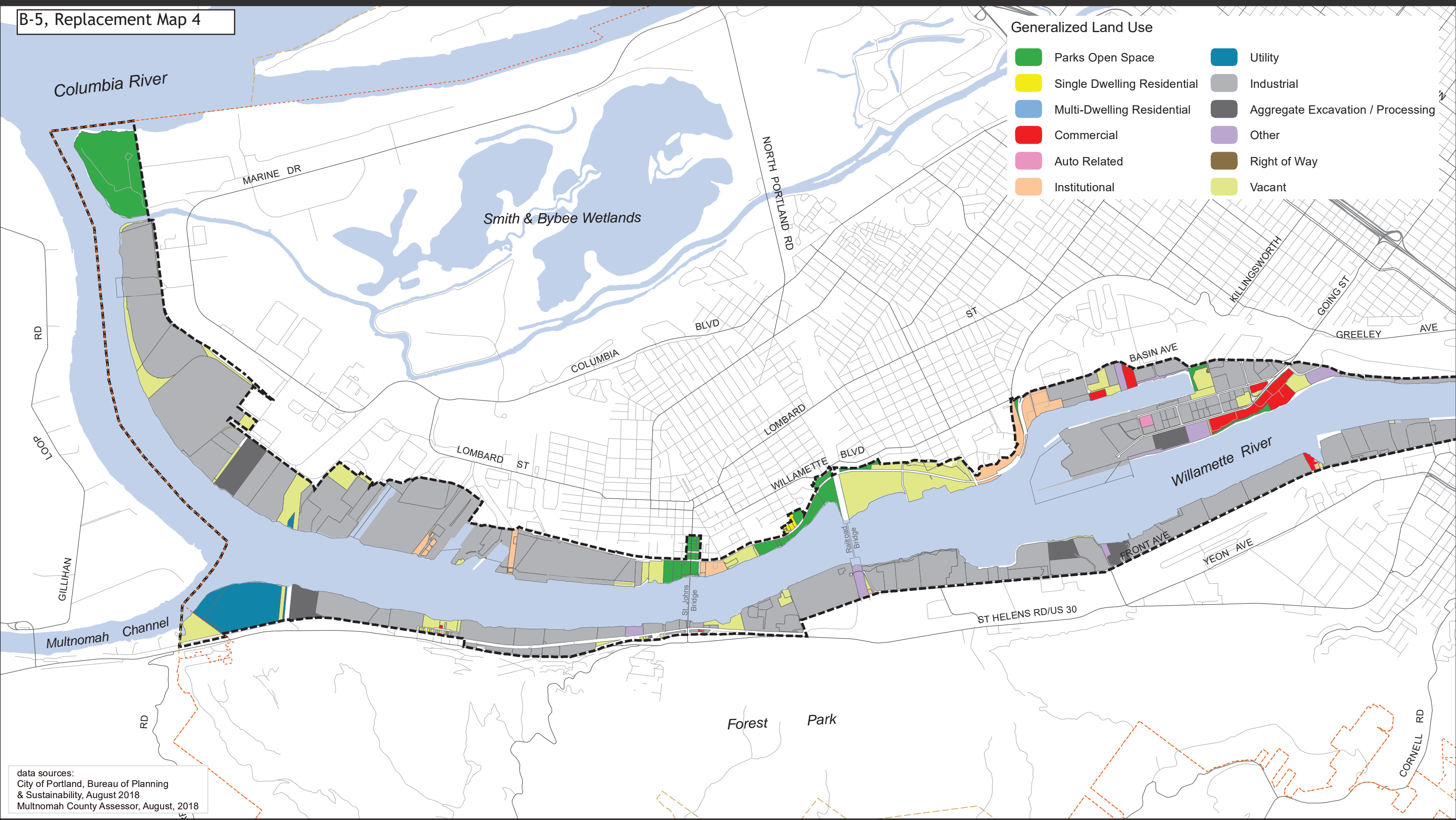


E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_overlay_zones_south.mxd

B-5, Replacement Map 4


Generalized Land Use


 Parks Open Space	 Utility
 Single Dwelling Residential	 Industrial
 Multi-Dwelling Residential	 Aggregate Excavation / Processing
 Commercial	 Other
 Auto Related	 Right of Way
 Institutional	 Vacant




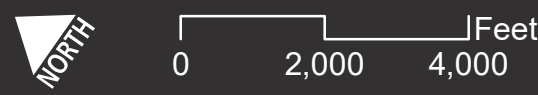
data sources:
 City of Portland, Bureau of Planning
 & Sustainability, August 2018
 Multnomah County Assessor, August, 2018

October 22
 City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

 Willamette River Greenway Boundary

 City Boundary

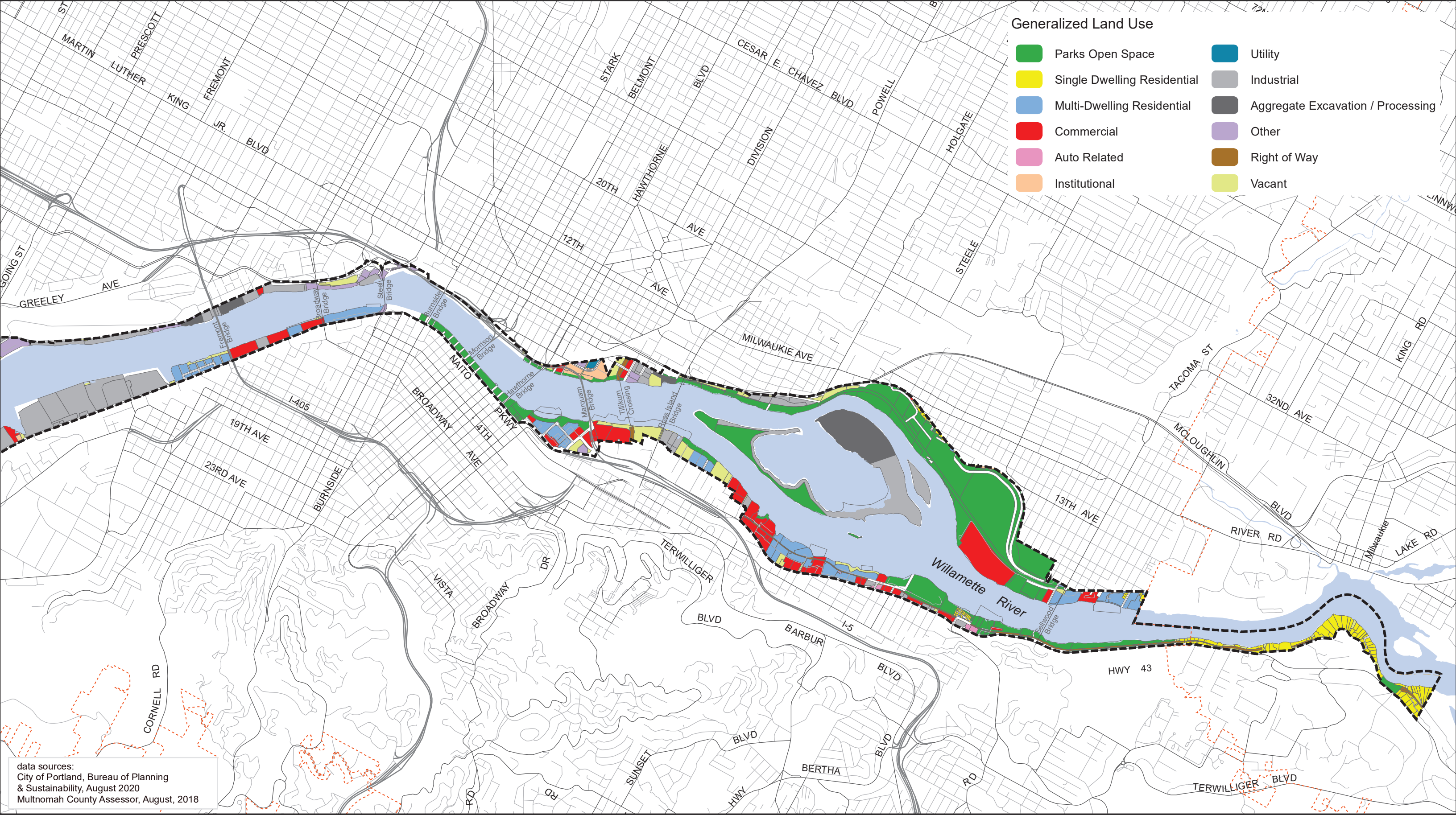
 Urban Service Area Boundary



 Bureau of Planning and Sustainability
 Innovation. Collaboration. Practical Solutions.
 City of Portland, Oregon



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette_15_landuse_north.mxd



- Generalized Land Use**
- Parks Open Space
 - Single Dwelling Residential
 - Multi-Dwelling Residential
 - Commercial
 - Auto Related
 - Institutional
 - Utility
 - Industrial
 - Aggregate Excavation / Processing
 - Other
 - Right of Way
 - Vacant

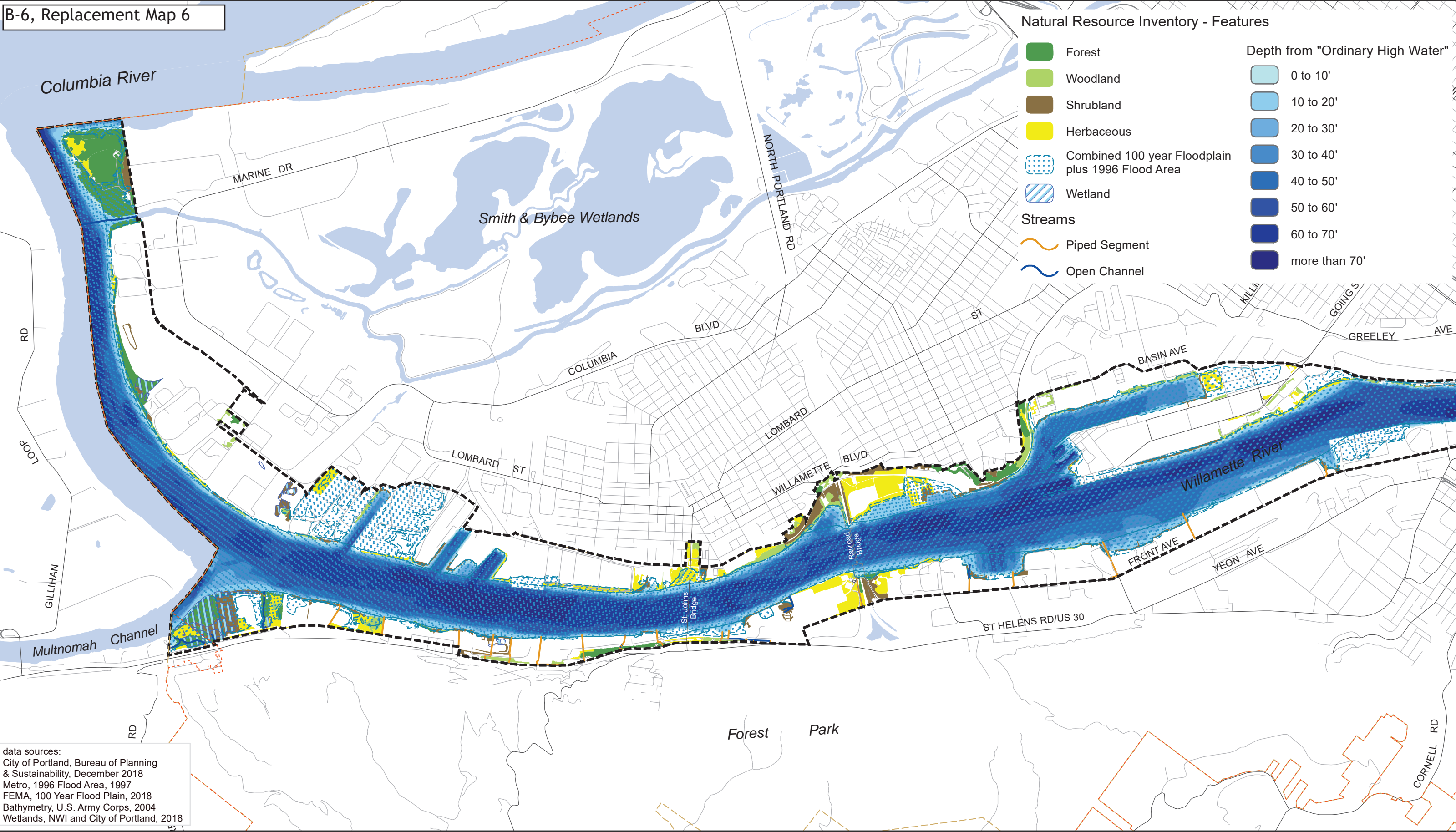
data sources:
 City of Portland, Bureau of Planning & Sustainability, August 2020
 Multnomah County Assessor, August, 2018

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette_15_landuse_south.mxd

B-6, Replacement Map 6



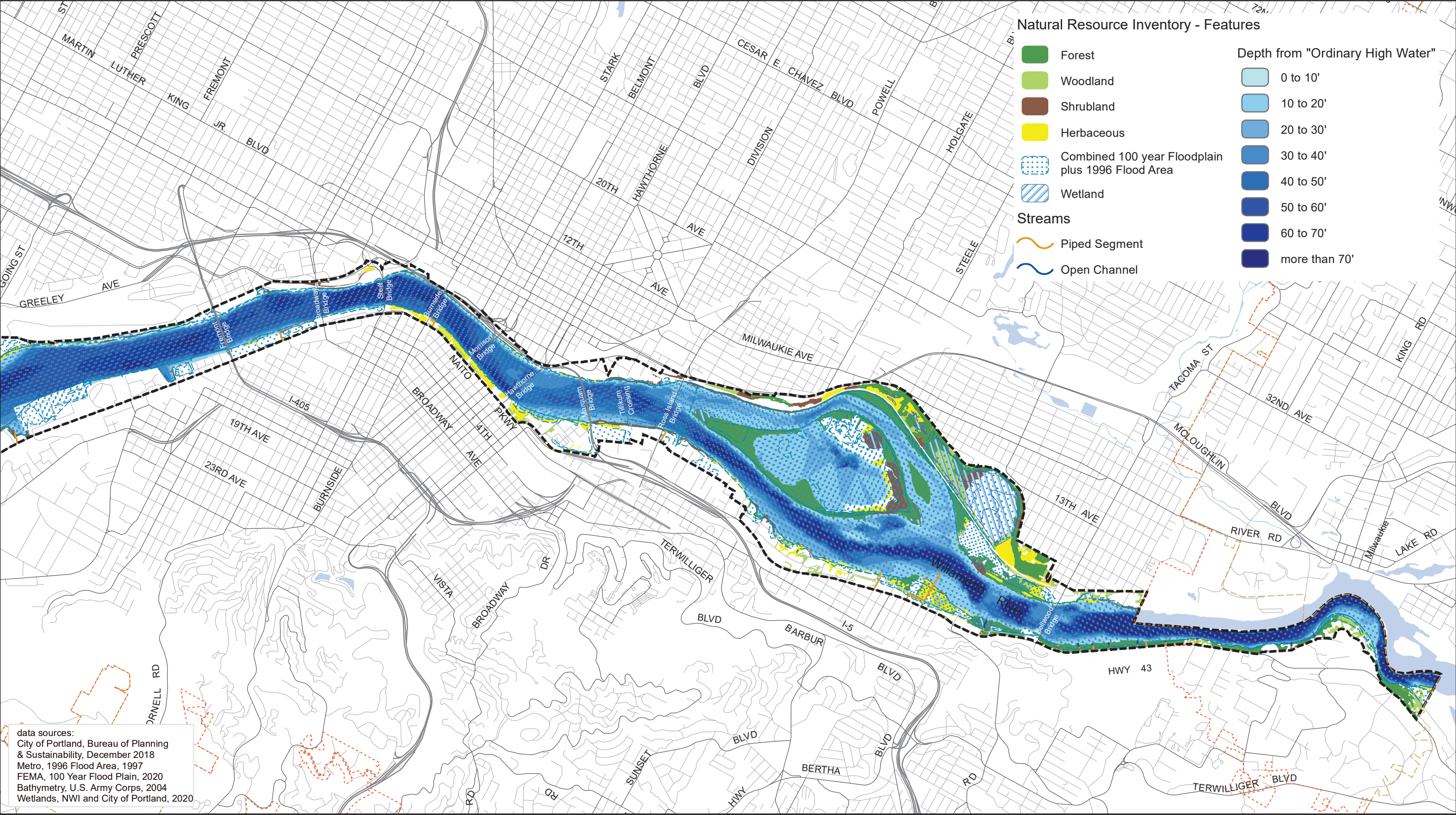
data sources:
 City of Portland, Bureau of Planning & Sustainability, December 2018
 Metro, 1996 Flood Area, 1997
 FEMA, 100 Year Flood Plain, 2018
 Bathymetry, U.S. Army Corps, 2004
 Wetlands, NWI and City of Portland, 2018

October 2022

Willamette River Greenway Boundary
 City Boundary
 Urban Service Area Boundary



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_NRI_vegetation_north.mxd



data sources:
 City of Portland, Bureau of Planning & Sustainability, December 2018
 Metro, 1996 Flood Area, 1997
 FEMA, 100 Year Flood Plain, 2020
 Bathymetry, U.S. Army Corps, 2004
 Wetlands, NWI and City of Portland, 2020

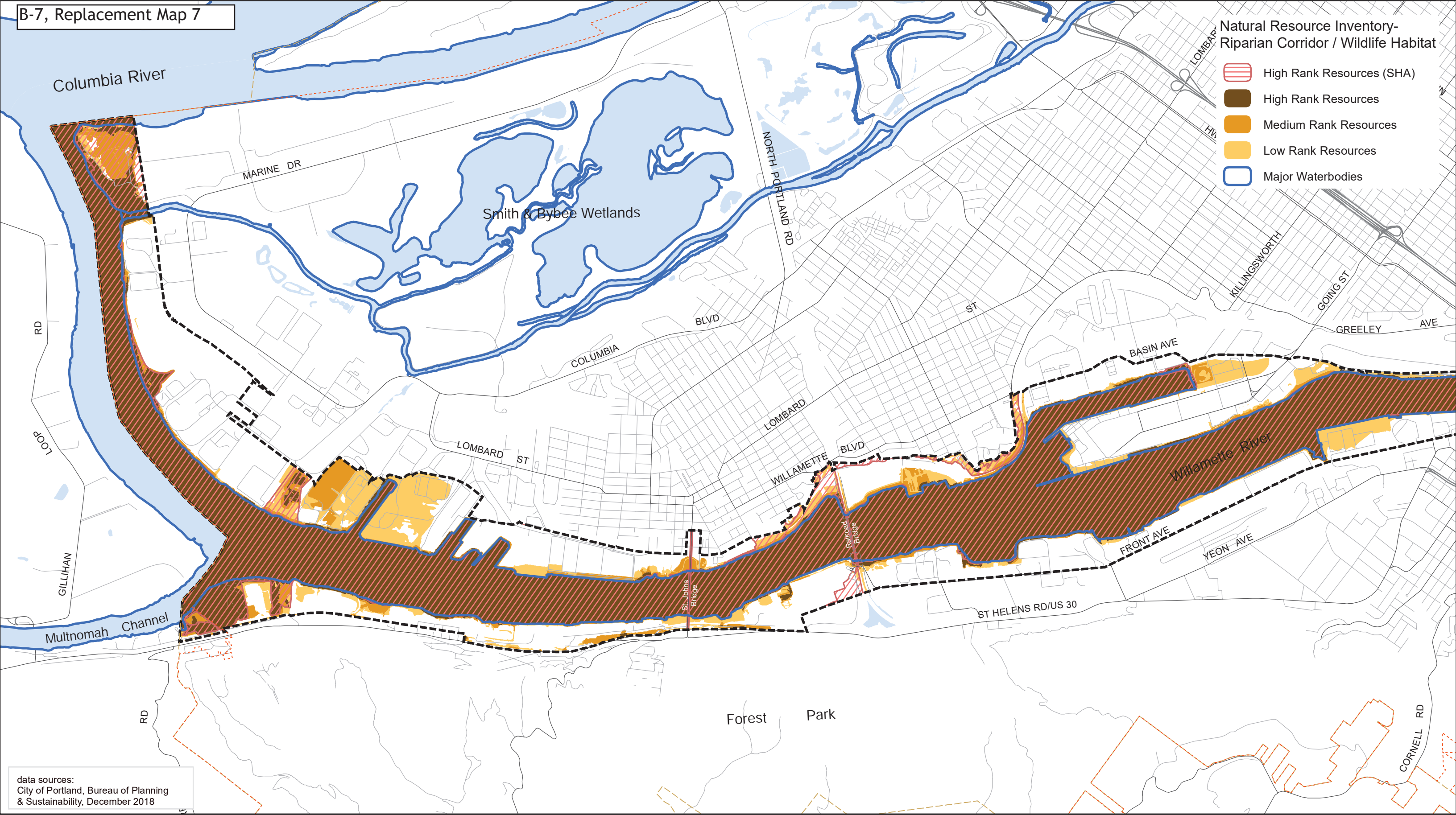
October, 2020
 City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_NRI_vegetation_south.mxd

B-7, Replacement Map 7



Natural Resource Inventory-
Riparian Corridor / Wildlife Habitat

- High Rank Resources (SHA)
- High Rank Resources
- Medium Rank Resources
- Low Rank Resources
- Major Waterbodies

data sources:
City of Portland, Bureau of Planning
& Sustainability, December 2018

October, 2020

City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

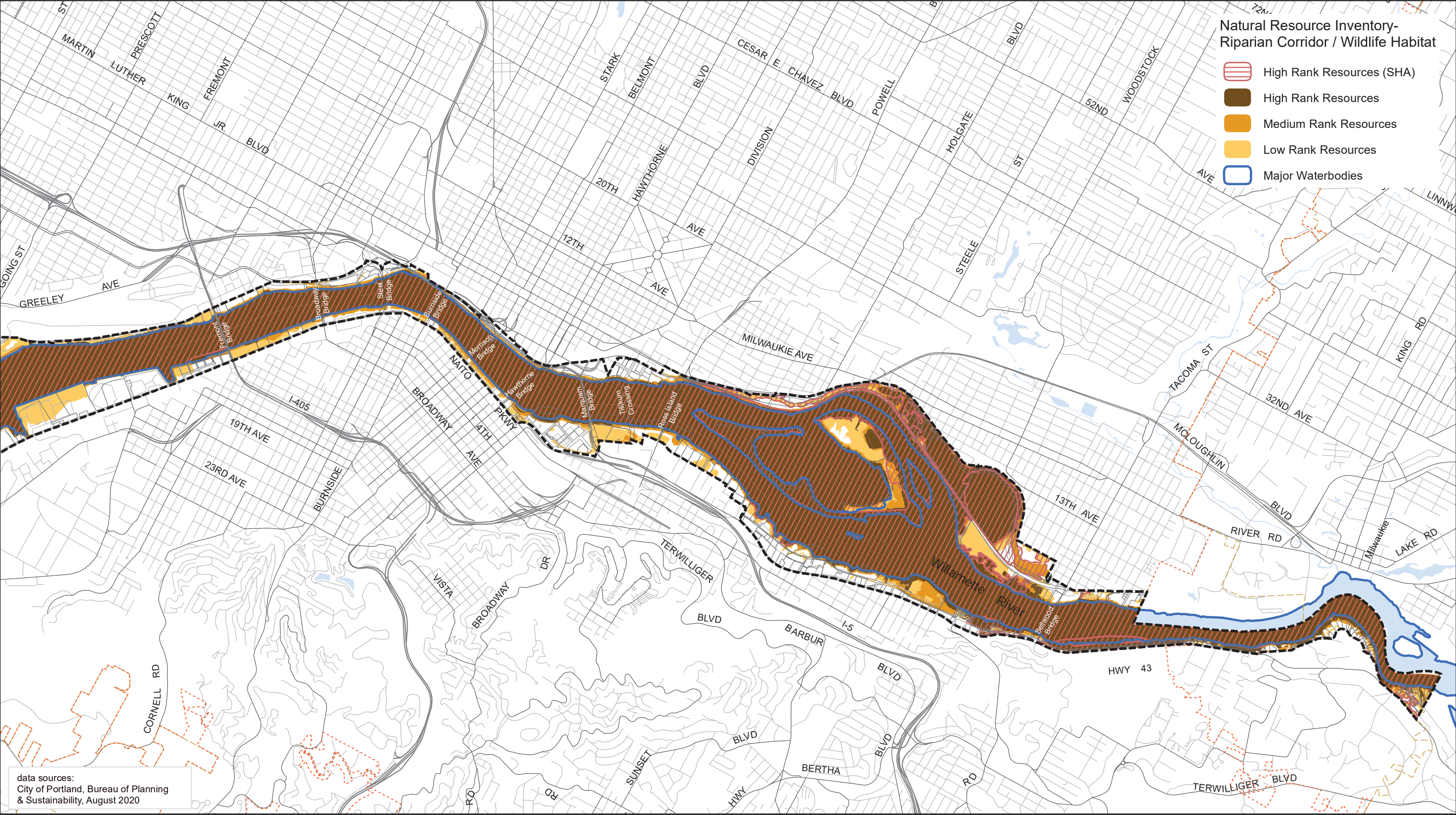
- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary



Bureau of Planning and Sustainability
Innovation. Collaboration. Practical Solutions.
City of Portland, Oregon



E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_NRI_combined_north.mxd



Natural Resource Inventory-
Riparian Corridor / Wildlife Habitat

- High Rank Resources (SHA)
- High Rank Resources
- Medium Rank Resources
- Low Rank Resources
- Major Waterbodies

data sources:
City of Portland, Bureau of Planning & Sustainability, August 2020

October, 2020
City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

















- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

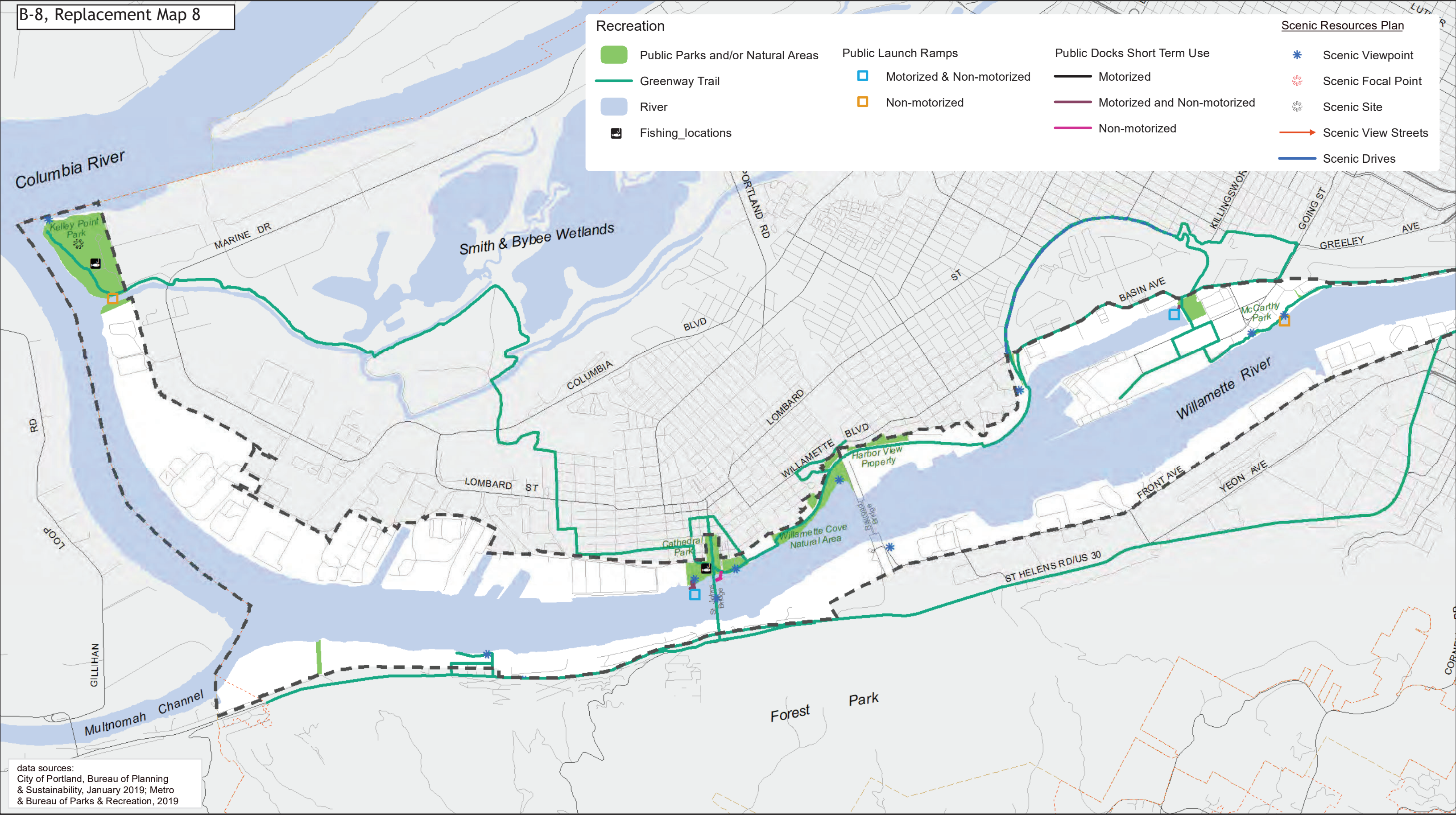


Bureau of Planning and Sustainability
Innovation. Collaboration. Practical Solutions.
City of Portland, Oregon




E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_NRI_combined_south.mxd

B-8, Replacement Map 8

Recreation			Scenic Resources Plan				
	Public Parks and/or Natural Areas		Public Launch Ramps		Public Docks Short Term Use		Scenic Viewpoint
	Greenway Trail		Motorized & Non-motorized		Motorized		Scenic Focal Point
	River		Non-motorized		Motorized and Non-motorized		Scenic Site
	Fishing_locations				Non-motorized		Scenic View Streets
							Scenic Drives

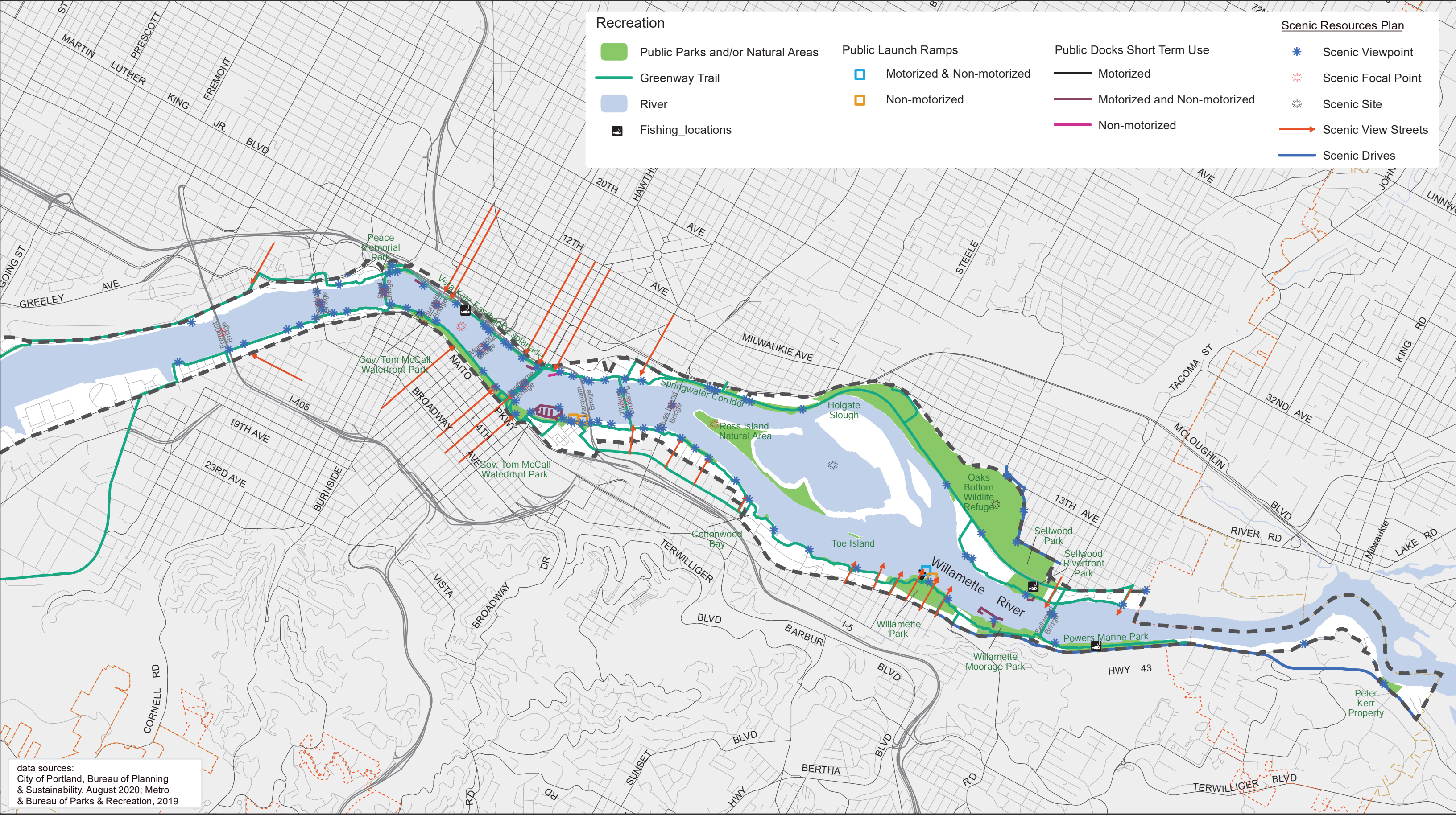


data sources:
 City of Portland, Bureau of Planning & Sustainability, January 2019; Metro & Bureau of Parks & Recreation, 2019

	Willamette River Greenway Boundary
	City Boundary
	Urban Service Area Boundary

 0 2,000 4,000 Feet

E:\gis\Projects\EnvironmentalGoal_15\11x17_Willamette15_recreation_south.mxd



Recreation			Scenic Resources Plan		
 Public Parks and/or Natural Areas	 Public Launch Ramps	 Public Docks Short Term Use	* Scenic Viewpoint	* Scenic Focal Point	* Scenic Site
 Greenway Trail	 Motorized & Non-motorized	 Motorized	* Scenic Focal Point	* Scenic Site	→ Scenic View Streets
 River	 Non-motorized	 Motorized and Non-motorized	* Scenic Focal Point	* Scenic Site	→ Scenic Drives
 Fishing Locations					

data sources:
 City of Portland, Bureau of Planning & Sustainability, August 2020; Metro & Bureau of Parks & Recreation, 2019

October, 2020
 City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

	Willamette River Greenway Boundary
	City Boundary
	Urban Service Area Boundary

NORTH

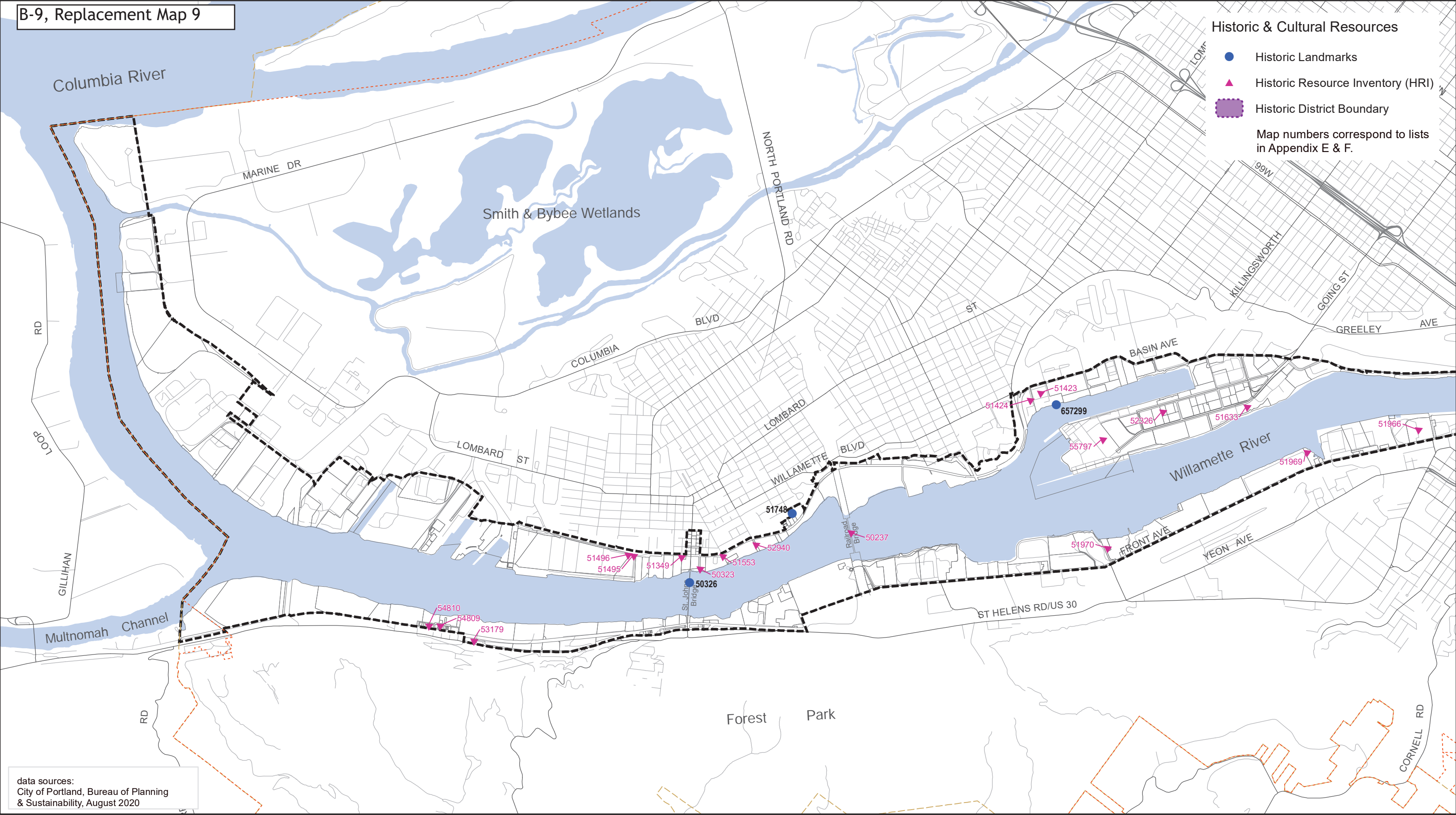
0 2,000 4,000 Feet

Bureau of Planning and Sustainability
 Innovation. Collaboration. Practical Solutions.
 City of Portland, Oregon

E:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_recreation_south.mxd

B-9, Replacement Map 9

- Historic & Cultural Resources**
- Historic Landmarks
 - ▲ Historic Resource Inventory (HRI)
 - Historic District Boundary
- Map numbers correspond to lists in Appendix E & F.



data sources:
City of Portland, Bureau of Planning & Sustainability, August 2020

October, 2020
City of Portland, Oregon
Bureau of Planning & Sustainability
Geographic Information System

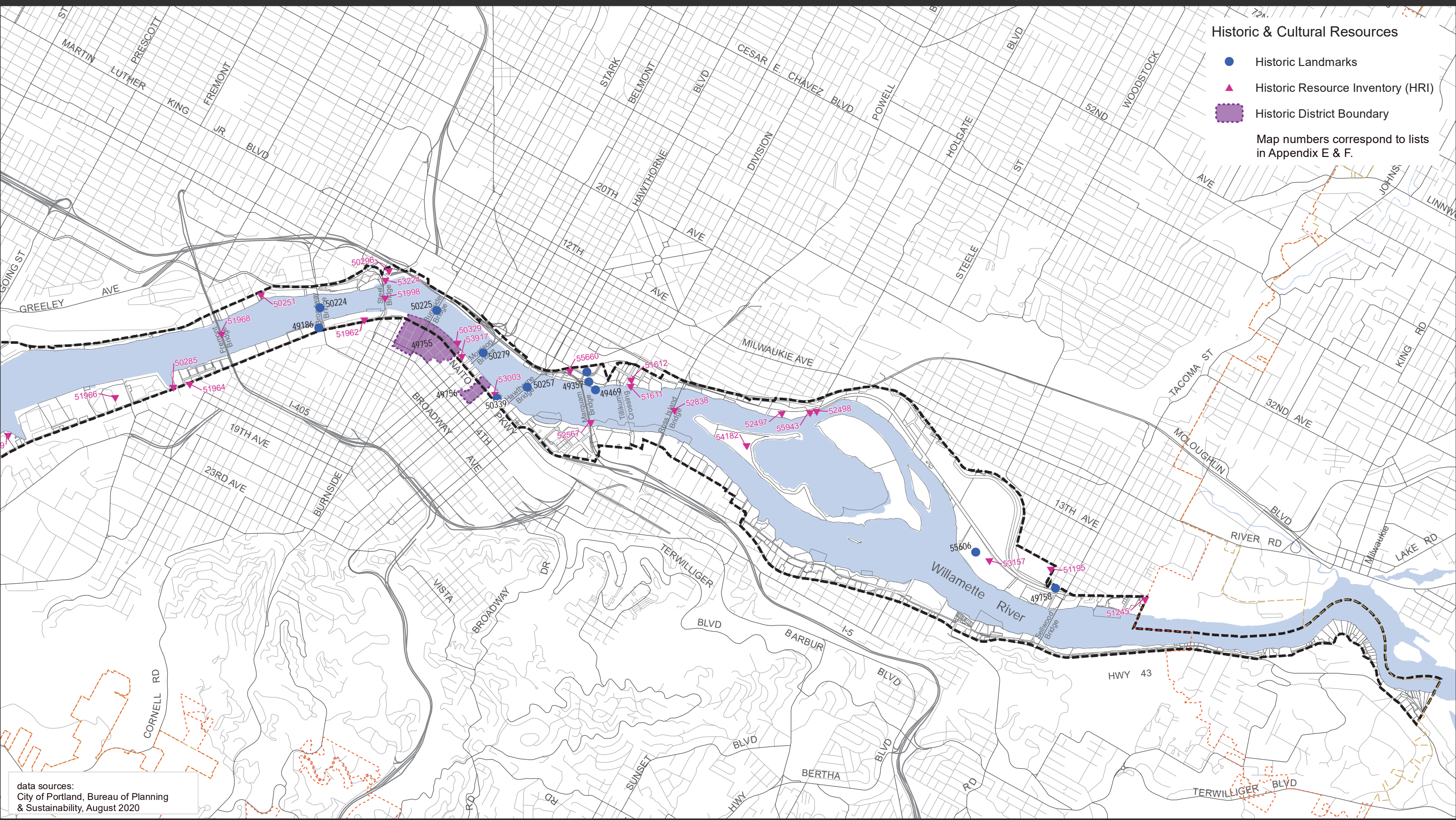
- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

NOTE: Cultural resources not mapped. Resources described in report.



Bureau of Planning and Sustainability
Innovation. Collaboration. Practical Solutions.
City of Portland, Oregon

S:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_historic_north.mxd



data sources:
 City of Portland, Bureau of Planning & Sustainability, August 2020

October, 2020
 City of Portland, Oregon
 Bureau of Planning & Sustainability
 Geographic Information System

- Willamette River Greenway Boundary
- City Boundary
- Urban Service Area Boundary

NOTE: Cultural resources not mapped. Resources described in report.



Bureau of Planning and Sustainability
 Innovation. Collaboration. Practical Solutions.
 City of Portland, Oregon



S:\gis\Projects\Environmental\Goal_15\11x17_Willamette15_historic_north.mxd

Appendix A: Uses Permitted by City of Portland Base Zones (Map 2)

A1: Employment and Industrial Zones Primary Uses						
Use Categories	EG1	EG2	EX	IG1	IG2	IH
Residential Categories						
Household Living	N	N	Y	CU [1]	CU [1]	CU [1]
Group Living	N	N	L/CU [2]	N	N	N
Commercial Categories						
Retail Sales And Service	L/CU [3]	L/CU [3]	Y	L/CU [4]	L/CU [5]	L/CU [6]
Office	Y	Y	Y	L/CU [4]	L/CU [5]	L/CU [6]
Quick Vehicle Servicing	Y	Y	N	Y	Y	Y
Vehicle Repair	Y	Y	Y	Y	Y	Y
Commercial Parking	CU [15]	CU [15]	CU [15]	CU [15]	CU [15]	CU [15]
Self-Service Storage	Y	Y	L [7]	Y	Y	Y
Commercial Outdoor Recreation	Y	Y	Y	CU	CU	CU
Major Event Entertainment	CU	CU	CU	CU	CU	CU
Industrial Categories						
Manufacturing And Production	Y	Y	Y	Y	Y	Y
Warehouse And Freight Movement	Y	Y	Y	Y	Y	Y
Wholesale Sales	Y	Y	Y	Y	Y	Y
Industrial Service	Y	Y	Y	Y	Y	Y
Bulk Fossil Fuel Terminal	L [17]	L [17]	N	L [17]	L [17]	L [17]
Railroad Yards	N	N	N	Y	Y	Y
Waste-Related	N	N	N	L/CU [8]	L/CU [8]	L/CU [8]
Institutional Categories						
Basic Utilities	Y/CU [12]	Y/CU [12]	Y/CU [12]	Y/CU [13]	Y/CU [13]	Y/CU [13]
Community Service	L [9]	L [9]	L [10]	L/CU [11]	L/CU [11]	L/CU [11]
Parks And Open Areas	Y	Y	Y	Y	Y	Y
Schools	Y	Y	Y	N	N	N
Colleges	Y	Y	Y	N	N	N
Medical Centers	Y	Y	Y	N	N	N
Religious Institutions	Y	Y	Y	N	N	N
Daycare	Y	Y	Y	L/CU [11]	L/CU [11]	L/CU [11]
Other Categories						
Agriculture	L [16]	L [16]	L [16]	L [16]	L [16]	L [16]
Aviation And Surface Passenger Terminals	CU	CU	CU	CU	CU	CU
Detention Facilities	CU	CU	CU	CU	CU	CU
Mining	N	N	N	CU	CU	CU
Radio Frequency Transmission Facilities	L/CU [14]	L/CU [14]	L/CU [14]	L/CU [14]	L/CU [14]	L/CU [14]
Rail Lines And Utility Corridors	Y	Y	Y	Y	Y	Y

A2: Commercial/Mixed-Use Zones Primary Uses						
Use Categories	CR	CM1	CM2	CM3	CE	CX
Residential Categories						
Household Living	Y	Y	Y	Y	Y	Y
Group Living	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]
Commercial Categories						
Retail Sales And Service	L [2]	L [2]	Y	Y	Y	Y
Office	L [2]	L [2]	Y	Y	Y	Y
Quick Vehicle Servicing	N	L [12]	L [2]	L [2]	Y	N
Vehicle Repair	N	N	Y	Y	Y	L [5]
Commercial Parking	N	N	L [9]	L [9]	Y	CU [9]
Self-Service Storage	N	N	N	L [4]	L [4]	L [4]
Commercial Outdoor Recreation	N	N	Y	Y	Y	Y
Major Event Entertainment	N	N	CU	CU	CU	Y
Industrial Categories						
Manufacturing And Production	N	L/CU [3,5]	L/CU [3,5]	L/CU [3,5]	L/CU [3,5]	L/CU [3,5]
Warehouse And Freight Movement	N	N	N	L [3,5]	L [3,5]	N
Wholesale Sales	N	N	L [3,5]	L [3,5]	L [3,5]	L [3,5]
Industrial Service	N	N	CU [3,5]	CU [3,5]	CU [3,5]	CU [3,5]
Bulk Fossil Fuel Terminal	N	N	N	N	N	N
Railroad Yards	N	N	N	N	N	N
Waste-Related	N	N	N	N	N	N
Institutional Categories						
Basic Utilities	Y/CU [8]	Y/CU [8]	Y/CU [8]	Y/CU [8]	Y/CU [8]	Y/CU [8]
Community Service	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [6]	L/CU [8]
Parks And Open Areas	Y	Y	Y	Y	Y	Y
Schools	Y	Y	Y	Y	Y	Y
Colleges	Y	Y	Y	Y	Y	Y
Medical Centers	Y	Y	Y	Y	Y	Y
Religious Institutions	Y	Y	Y	Y	Y	Y
Daycare	Y	Y	Y	Y	Y	Y
Other Categories						
Agriculture	L [10]	L [10]	L/CU [11]	L/CU [12]	L/CU [12]	L/CU [11]
Aviation And Surface Passenger Terminals	N	N	N	N	CU	CU
Detention Facilities	N	N	N	CU	CU	CU
Mining	N	N	N	N	N	N
Radio Frequency Transmission Facilities	N	L/CU [7]	L/CU [7]	L/CU [7]	L/CU [7]	L/CU [7]
Rail Lines And Utility Corridors	N	CU	CU	CU	CU	CU

A3: Multi-Dwelling Zones Primary Uses						
Use Categories	RM1	RM2	RM3	RM4	RX	RMP
Residential Categories						
Household Living	Y	Y	Y	Y	Y	Y
Group Living	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	L/CU [1]	N
Commercial Categories						
Retail Sales And Service	L [2]	L [2]	L [2]	L [2]	L [2]	L [11]
Office	L [2]	L [2]	L [2]	L [2]	L [2]	N
Quick Vehicle Servicing	N	N	N	N	N	N
Vehicle Repair	N	N	N	N	N	N
Commercial Parking	N	N	N	N	CU [3]	N
Self-Service Storage	N	N	N	N	N	N
Commercial Outdoor Recreation	n	N	N	N	N	N
Major Event Entertainment	N	N	N	N	N	N
Industrial Categories						
Manufacturing And Production	N	N	N	N	N	N
Warehouse And Freight Movement	N	N	N	N	N	N
Wholesale Sales	N	N	N	N	N	N
Industrial Service	N	N	N	N	N	N
Bulk Fossil Fuel Terminal	N	N	N	N	N	N
Railroad Yards	N	N	N	N	N	N
Waste-Related	N	N	N	N	N	N
Institutional Categories						
Basic Utilities	L/CU [9]	L/CU [9]	L/CU [9]	L/CU [9]	L/CU [9]	L/CU [9]
Community Service	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [4]	L/CU [5]
Parks And Open Areas	L/CU [6]	L/CU [6]	Y	Y	Y	L/CU [6]
Schools	CU	CU	CU	CU	L/CU [4]	CU
Colleges	CU	CU	CU	CU	CU	CU
Medical Centers	CU	CU	CU	CU	CU	CU
Religious Institutions	CU	CU	CU	CU	CU	CU
Daycare	L/CU [7]	L/CU [7]	L/CU [7]	L/CU [7]	Y	L/CU [7]
Other Categories						
Agriculture	L [10]	L [10]	L [10]	L [10]	L [10]	L [10]
Aviation And Surface Passenger Terminals	N	N	N	N	N	N
Detention Facilities	N	N	N	N	N	N
Mining	N	N	N	N	N	N
Radio Frequency Transmission Facilities	L/CU [8]	L/CU [8]	L/CU [8]	L/CU [8]	L/CU [8]	L/CU [8]
Rail Lines And Utility Corridors	CU	CU	CU	CU	CU	CU

A4: Open Space and Single-Dwelling Zones Primary Uses							
Use Categories	OS	RF	R20	R10	R7	R5	R2.5
Residential Categories							
Household Living	N	Y	Y	Y	Y	Y	Y
Group Living	N	CU	CU	CU	CU	CU	CU
Commercial Categories							
Retail Sales And Service	CU [1]	CU [10]	CU [10]	CU [10]	CU [10]	CU [10]	CU [10]
Office	N	N	N	N	N	N	N
Quick Vehicle Servicing	N	N	N	N	N	N	N
Vehicle Repair	N	N	N	N	N	N	N
Commercial Parking	N	N	N	N	N	N	N
Self-Service Storage	N	N	N	N	N	N	N
Commercial Outdoor Recreation	CU	N	N	N	N	N	N
Major Event Entertainment	N	N	N	N	N	N	N
Industrial Categories							
Manufacturing And Production	CU [6]	CU [6]	N	N	N	N	N
Warehouse And Freight Movement	N	N	N	N	N	N	N
Wholesale Sales	N	N	N	N	N	N	N
Industrial Service	N	N	N	N	N	N	N
Bulk Fossil Fuel Terminal	N	N	N	N	N	N	N
Railroad Yards	N	N	N	N	N	N	N
Waste-Related	N	N	N	N	N	N	N
Institutional Categories							
Basic Utilities	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]	L/CU [5]
Community Service	CU [4]	CU [1]	CU [1]	CU [1]	CU [1]	CU [1]	CU [1]
Parks And Open Areas	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]	L/CU [2]
Schools	CU	CU	CU	CU	CU	CU	CU
Colleges	N	CU	CU	CU	CU	CU	CU
Medical Centers	N	CU	CU	CU	CU	CU	CU
Religious Institutions	N	CU	CU	CU	CU	CU	CU
Daycare	CU	L/CU [3]	L/CU [3]	L/CU [3]	L/CU [3]	L/CU [3]	L/CU [3]
Other Categories							
Agriculture	L [7]	L [7]	L [7]	L/CU [8]	L/CU [8]	L [9]	L [9]
Aviation And Surface Passenger Terminals	N	CU	N	N	N	N	N
Detention Facilities	N	N	N	N	N	N	N
Mining	CU	CU	N	N	N	N	N
Radio Frequency Transmission Facilities	L/CU [3]	L/CU [4]	L/CU [4]	L/CU [4]	L/CU [4]	L/CU [4]	L/CU [4]
Rail Lines And Utility Corridors	CU	CU	CU	CU	CU	CU	CU

A5: Campus Institutional Zones Primary Uses			
Use Categories	CI1	CI2	IR
Residential Categories			
Household Living	N	Y	Y
Group Living	N	Y	Y [9]
Commercial Categories			
Retail Sales And Service	CU [1]	Y	L/CU [10]
Office	N	Y	L/CU [10]
Quick Vehicle Servicing	N	N	N
Vehicle Repair	N	N	N
Commercial Parking	N	Y	N
Self-Service Storage	N	N	N
Commercial Outdoor Recreation	N	N	N
Major Event Entertainment	CU	CU	CU
Industrial Categories			
Manufacturing And Production	L [2]	L/CU [2]	N
Warehouse And Freight Movement	N	N	CU
Wholesale Sales	N	N	N
Industrial Service	L [2]	L/CU [2]	N
Bulk Fossil Fuel Terminal	N	N	N
Railroad Yards	N	N	CU
Waste-Related	N	N	N
Institutional Categories			
Basic Utilities	L/CU [3]	L/CU [3]	L/CU [3]
Community Service	CU [4]	Y	CU [4]
Parks And Open Areas	L/CU [5]	L/CU [5]	L/CU [5]
Schools	N	N	L/CU [5]
Colleges	Y/CU [6]	Y/CU [6]	L/CU [11]
Medical Centers	Y	Y	L/CU [11]
Religious Institutions	CU	CU	CU
Daycare	Y	Y	L/CU [12]
Other Categories			
Agriculture	L [7]	L [7]	L [7]
Aviation And Surface Passenger Terminals	N	N	N
Detention Facilities	N	N	N
Mining	N	N	N
Radio Frequency Transmission Facilities	L/CU [8]	L/CU [8]	L/CU [8]
Rail Lines And Utility Corridors	CU	CU	CU

Appendix E: Historic Resource Inventory (HRI) (Map 9)

Map Id	Address	Original Name	Date	Rank	Original Function
53224	111 NE Steel Bridge	Steel Bridge Interlocking Plant	1911	III	Interlocker
53157	7805 SE Oaks Park Way	The Oaks Amusement Park	1905	I	Amusement Park
51245	8879 SE Ninth Avenue	Fred W. Graves Residence	1904	III	Residence
53179	10504 NW St Helens Road	10504 NW St Helens Road	1916	unranked	Office
51964	2200 NW Front Avenue	Steffen Shipyard (site)	<Null>	unranked	
51633	4747 N Channel Avenue	Freightliner Building	1978	III	Office
51970	4900 NW Front Avenue	Shaver Transportation Company	ca. 1935	III	Sea Plane Hangar (?)
54810	11033 NW Front Avenue	11033 NW Front Avenue	ca. 1900	III	Residence
54809	10921 NW Front Avenue	10921 NW Front Avenue	ca. 1900	III	Residence
51966	2800 NW Front Avenue	Willamette Iron & Steel Works	ca. 1925	unranked	
51969	3710 NW Front Avenue	3710 NW Front Avenue	1974	unranked	Offices
51424	6767 N Basin Avenue	Coast Guard Building	1973	unranked	Office
51423	6735 N Basin Avenue	U.S. Naval Reserve	1972	III	U.S. Navy Corps and Marine Training Center
50251	822 N River Street	Fireboat Station #2	1923	III	Fireboat Station
51611	100 SE Caruthers Street	100 SE Caruthers Street	1962	III	Office
52497	4129 SE McLoughlin Boulevard	4129 SE McLoughlin Boulevard	1926	III	Aerial Tramway
52838	600 Se Powell Blvd	600 Se Powell Blvd	1926	II	Bridge
52567	2500 S Moody St	Marquam Bridge	1966	III	Bridge
54182	00000 Willamette River	Ross Island	<Null>	II	Island
55660	1701 SE Water Street	PEPCO Garage	1927	unranked	Garage
50323	6900 N Pittsburg Avenue	6900 N Pittsburg Avenue	1888	unranked	
51496	9550 N Bradford Street	9550 N Bradford Street	1860	unranked	
51495	9530 N Bradford Street	9530 N Bradford Street	1852	unranked	
51998	0 NW Glisan Street	Steel Bridge	1912	II	Bridge
51962	650 NW Front Avenue	650 NW Front Avenue	ca. 1915	III	Freight Offices
50237	6500 NW Front Avenue	Spokane, Portland and Seattle Railroad Bridge	1907	III	Railroad Bridge
50329	Oregon Maritime Museum	Steamer Portland II	1947	I	Ship Assist Tug
52940	6507 N Richmond Avenue	6507 N Richmond Avenue	<Null>	unranked	
51553	6700 N Burlington Avenue	6700 N Burlington Avenue	1850s	unranked	
51968	3600 NW Front Avenue	Fremont Bridge	1971-1973	II	Bridge
52326	5400 N Lagoon Avenue	Portland Airport	1929	unranked	
50285	3530 NW Front Avenue	Municipal Terminal #1	ca. 1929	II	Public Dock (?)
50296	30 NE Oregon Street	30 NE Oregon Street	1940	III	Park
52498	4449 SE McLoughlin Boulevard	4449 SE McLoughlin Boulevard	<Null>	unranked	
51195	7951 SE Seventh Avenue	Sellwood Park Bathhouse	1912	III	Park Structure
51612	200 SE Caruthers Street	200 SE Caruthers Street	<Null>	unranked	
55943	4349 SE McLoughlin Boulevard	4349 SE McLoughlin Boulevard	1904	III	Streetcar Line
51349	6700 N Alta St.	Lewis and Clark Expedition Campground (site of)	<Null>	unranked	
55797	8000 N Channel Ave	Swan Island Ship Repair Yards and Dry Docks	<Null>	II	
53003	00000 SW Salmon Street	Portland's First Hanging (site)	1859	unranked	

Map ID	Address	Original Name	Date	Rank	Original Function
53917	00000 SW Stark Street	Offices and Municipal Boat Landing of the Portland Dock Comm	<Null>	unranked	

Appendix F: Historic Landmarks (Map 9)

Map ID	Historic Name	Common Name	Built	Type
49186	Albers Brothers Milling Company	---	1911	Historic Landmark
49357	Portland General Electric Co. Station L Group	Lincoln Substation; Stephens Substation	1910	Historic Landmark
49357	Portland General Electric Co. Station L Group	Lincoln Substation; Stephens Substation	1910	Historic Landmark
49469	USS Blueback (SS 581)	---	1959	Historic Landmark
49758	St. John's Episcopal Church	Oaks Park Pioneer Church	1851	Historic Landmark
50224	Broadway Bridge	Bridge # 6757	1913	Historic Landmark
50225	Burnside Bridge	Bridge # 511	1924	Historic Landmark
50257	Hawthorne Bridge	Willamette River Bridge # 2757; Madison Strt Brg	1909	Historic Landmark
50279	Morrison Bridge	MORRISON BRIDGE	1958	Historic Landmark
50326	St. Johns Bridge	----	1931	Historic Landmark
50339	Visitors Information Center	McCall's Waterfront Restaurant	1949	Historic Landmark
51748	Benson, Amos, Residence	---	1910	Historic Landmark
55606	Herschell-Spillman Noah's Ark Carousel	Oaks Park Carousel	1915	Historic Landmark
65729 9	Motor Torpedo Boat PT-658	PT-658 Motor Torpedo Boat	1945	Historic Landmark
49755	Skidmore / Old Town Historic District		NA	Historic District