

URBAN FORESTRY STREET TREE REQUIREMENTS

Public Works Permits

Applicants are required to consult with Urban Forestry when construction of new public streets and improvements to existing streets are required. The purpose of this consultation is to identify potential street tree impacts and opportunities to retain existing street trees. This consultation occurs at the conceptual project design phase through the public works process. Urban Forestry will also review impacts to trees on adjacent sites that are within 15-feet of the development area.

Tree Plan Submittal Requirements (11.50.070)

A tree plan submittal shall include the following information. The tree plan information may be combined with other relevant plan sheets. The submittal shall include:

- Existing improvements;
- Proposed alterations;
- Existing street trees ≥ 3 "DBH including size and location;
- Existing on-site trees ≥ 6 "DBH within 15' of the limits of disturbance;
- Trees proposed for removal;
- Tree planting proposal, including tree size, species and location; and
- Trees to be retained and proposed tree protection measures meeting the specification in Chapter 11.60.

Any changes to an approved Tree Plan, including amending tree species must be approved by the City Forester. Please note that the City Forester may not approve revised tree planting plans based on the lack of species availability. To facilitate species availability, it is recommended that tree procurement occur approximately 6 months prior to installation.

Tree Mitigation (11.50.040C.2)

Healthy street trees ≥ 6 " DBH that are approved for removal shall be replanted with two trees in addition to trees required to be planted to meet Street Tree Planting Standards, below. When street improvements are to partially or fully unimproved streets, healthy street trees ≥ 12 " DBH approved for removal shall be replanted with two trees, with trees planted to meet Street Tree Planting Standards credited towards meeting this requirement. Tree replacement for trees removed shall occur in the street planter strip, on site, or in the same watershed either by planting or a by paying a fee in lieu of planting in accordance with table 60-1 below.

Street Tree Planting Standards (11.50.060)

One street tree shall be planted or retained for each full increment of 25 linear feet per side of street frontage. Planting is exempt when existing above or below grade utilities prevent planting of street trees, or if the existing design of the street will not

accommodate street tree planting because the planting strip is less than 3 feet wide, there is not a planting strip, or there is insufficient space to add tree wells. Trees planted to meet Street Tree Planting Standards are credited toward mitigation requirements when street improvements are to partially or fully unimproved streets. When the required number of trees cannot be planted, a fee in lieu of planting will be required, in accordance with Table 60-1 below.

Table 60-1 Broadleaf Tree Size Requirements

Development Type	Tree Size	
	On Site	Street
One and Two Family Residential	1.5" = \$450	1.5" = \$450
Multi Dwelling Residential	1.5" = \$450	2" = \$600
All others	1.5" = \$450	2.5" = \$750

Tree Planting Specifications

If there are fewer than 8 required trees, they may all be the same species. If there are between 8 and 24 required trees, no more than 40 percent can be of one species. If there are more than 24 required trees, no more than 24 percent can be of one species. Street tree species shall conform to the appropriate "City of Portland Approved Street Tree Planting List". The City Forester may approve or require an alternate or unlisted species.

All required street trees shall be planted in-ground following Standard Drawing Number P-581 "Typical Street Tree installation", except when in raised planters that are used to meet Bureau of Environmental Services storm water management requirements. Please include the Standard Drawing Number P-581 as part of the Public Works permit application. Plant materials shall be installed to current nursery industry standards and proper arboricultural practices (American National Standards Institute, *ANSI A300 Part 6: Tree, Shrub, and Other Woody Plant Maintenance-Standard Practices (Planting and Transplanting)*. 2012. Tree Care Industry Association, Inc. Londonderry, NH.). Plant materials shall be properly supported to ensure survival.

All trees required or approved to be planted by Title 11 shall be planted or payment in lieu of planting made prior to the expiration of the permit or City's final acceptance of the project, as applicable. However, it is encouraged that planting occur during the wet months or as per City Forester recommendations. Street tree planting may be deferred between May 1 and September 30 upon filing a performance guarantee as provided in Section 11.10.060 or other assurance deemed acceptable by the City Forester or BDS Director as applicable.