Portland, OR

Trees in the Curb Zone Pilot Project

Trees in the Curb Zone

Project Goal:

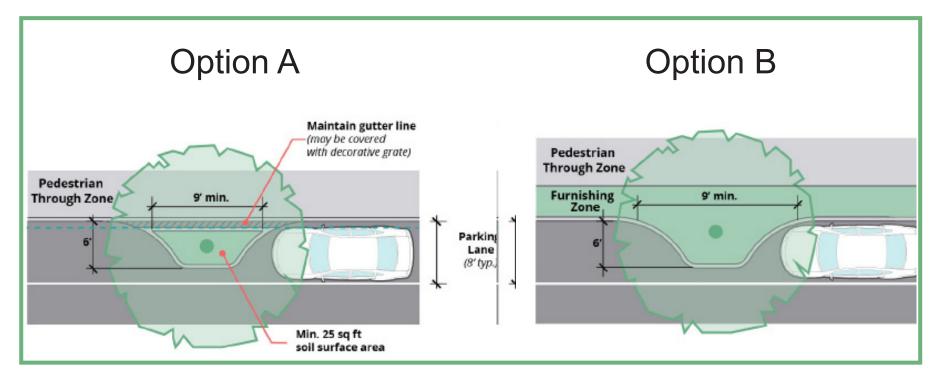
The goal of this project is for the Portland Bureau of Transportation (PBOT) to develop a framework for tree planting in the curb zone, in collaboration with Portland Parks & Recreation's Urban Forestry team, Bureau of Environmental Services, and others, with the end goal of constructing tree space in the curb/parking zone.

Criteria for Planting Trees in the Curb Zone

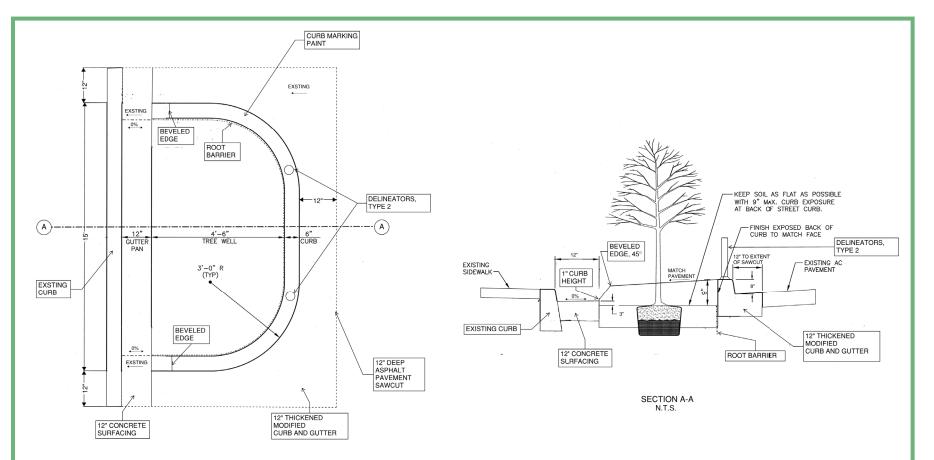
- Existing on-street parking
- Curb tight sidewalk or narrow Furnishing Zone with no existing street trees



- Lack of underground utilities along curb line
- Lack of overhead high voltage wires
- Movement of emergency response vehicles is not negatively impacted
- Not on curb extension policy exemption map



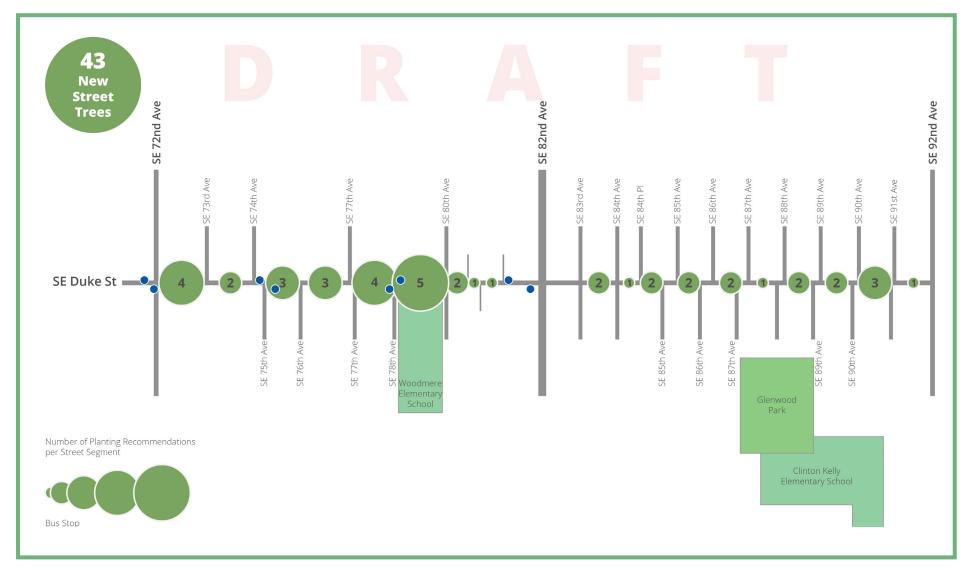
Diagrams of Trees Plantings from PBOT's Pedestrian Design Guide



Benefits of Street Trees

- . Provide green stormwater management
- . Can mitigate urban heat island effect, urban air pollution
- . Can be used as a traffic calming enhancement
- . Can extend street's livability (slower pavement deterioration)

We often don't have enough right of way behind the curb, so going into the parking zone may be our only option



Conceptual Recommendations - Trees Per Block

PLAN N.T.S.

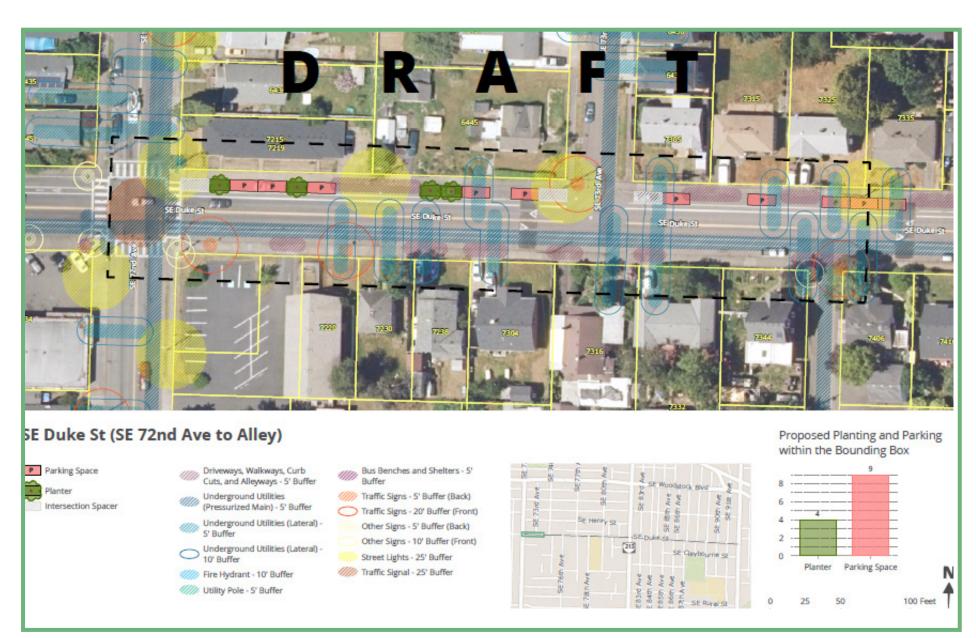
Engineering Drawing of Tree Planting Curb Extensions

Analysis

A city wide analysis was conducted, which looked at the urban heat index, tree canopy coverage, equity, and street characteristics.



Site Conditions & Potential Planting Locations



Site Conditions & Potential Planting Locations

Additional Info

https://www.portland.gov/curb-trees



