

Appendix A: Construction impacts & resources

Tree removals

During the project's design, City Staff along with the design engineer and professional arborist, walk the street to evaluate each property, determine the current health of the trees, and determine how to best install infrastructure while minimizing impacts to trees.

Removal of trees is never our first choice, and we strive to reduce tree impacts as much as possible while balancing the need for safe and reliable infrastructure in our city.

After careful assessment, it was determined that there are trees within the City right-of-way that need to be removed for health reasons or due to construction conflicts. Trees within the project limits were inspected by a professional arborist from the project team to determine their health condition, review conflicts with construction, and develop a tree protection plan. A total of 232 trees were assessed within the project limits.

Anticipated tree removals are listed below and are subject to change. Details about the specific tree locations are included at the end of this notice.

Tree size has been grouped into two categories: small trees with a diameter less than 12 inches / 30 cm and large trees with a diameter greater than 12 inches / 30 cm.

Removal is required for a total of 41 small trees on Pond Mills Road, 26 small trees and 3 large trees on Deveron Crescent and 3 small trees on Commissioners Road East.

The trees will be marked with a white line around their trunk one week before removal. The required tree removals will be completed by March 31, before the migratory bird nesting period begins.

Tree replacement

When projects are completed, the City replaces the removed trees where possible and evaluates additional new tree planting opportunities on these streets. Each project is unique, and our approach to tree replacement is tailored to the context of the area we're working with.

Each year, the City of London plants approximately 5,000 trees to help mitigate the impacts of climate change, provide shade and lower temperatures, reducing energy costs at homes. Trees also help absorb heavy rainfall and reduce stormwater flows.

Our regard for wildlife

The first three months of each year is a period when most tree removals across the city are completed, and that's because we are working to complete this pre-construction work ahead of the migratory bird nesting period, which starts on April 1. If tree removals continue later into the spring, bird experts are also then engaged before any removals take place.

Tree assessment findings

Note: Traditionally, the City has included a municipal address to assist in identifying the location of the tree. As many of the removals are in the boulevard (grassed area between roadway and sidewalk), and do not front municipal addresses, the location of these trees have been identified as being within the City right-of-way (ROW).

Location	Tree type and trunk diameter	Reason for removal
City ROW – Pond Mills Road	Ivory Silk Lilac – 7.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Ivory Silk Lilac – 6.0cm	Basal damage present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Amur Maple – 6.0cm	Basal damage present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Tartarian Maple – 5.0cm	Leader removed and epicormic growth present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Serviceberry – 3.0cm	Major epicormic growth present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Serviceberry – 6.0cm	Epicormic growth present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Red Oak – 18.0cm	Dieback present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Amur Maple – 5.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Tartarian Maple – 4.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Amur Maple – 4.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Ivory Silk Lilac – 5.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Ivory Silk Lilac – 5.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Amur Maple – 8.0cm	Epicormic growth present. Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Amur Maple – 6.0cm	Epicormic growth present. Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Ivory Silk Lilac – 5.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Amur Maple – 6.0cm	Construction impacts: conflicts with bus shelter installation.
City ROW – Pond Mills Road	Amur Maple – 8.5cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Amur Maple – 7.5cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Hedge Maple – 7.0cm	Construction impacts: conflicts with sidewalk installation.

Location	Tree type and trunk diameter	Reason for removal
City ROW – Pond Mills Road	Basswood – 6.0cm	Epicormic growth and minor dieback are present. Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Homestead Elm – 6.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Sugar Maple – 8.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Sugar Maple – 8.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Elm – 5.5cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	English Oak – 7.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Ivory Silk Lilac – 7.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Ivory Silk Lilac – 4.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Amur Maple – 8.0cm	Construction impacts: conflicts with cycle track installation.
City ROW – Pond Mills Road	Amur Maple – 8.0cm	Epicormic growth present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Amur Maple – 6.0cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Ivory Silk Lilac – 6.0cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Ivory Silk Lilac – 6.5cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Ivory Silk Lilac – 7.5cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Serviceberry – 4.0cm	Epicormic growth present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Serviceberry – 5.0cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Serviceberry – 5.0cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Tartarian Maple – 6.5cm	Epicormic growth present at base. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Hedge Maple – 6.0cm	Epicormic growth present at base. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Hedge Maple – 8.5cm	Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Hedge Maple – 6.5cm	Epicormic growth present. Construction impacts: conflicts with road widening.
City ROW – Pond Mills Road	Amur Maple – 5.0cm	Construction impacts: conflicts with road widening.

Location	Tree type and trunk diameter	Reason for removal
City ROW – Deveron Crescent (south side)	Littleleaf Linden – 7.5cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Hackberry – 17.0cm	Dieback present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Hackberry – 22.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Hackberry – 22.5cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Ginkgo – 4.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Hackberry – 4.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 37.5cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Sugar Maple – 8.0cm	Trunk damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Sugar Maple – 10.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Elm – 12.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Sugar Maple – 19.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	London Planetree – 16.0cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	London Planetree – 17.0cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 26.5cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Elm – 8.5cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 31.0cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Basswood – 4.5cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 24.0cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Littleleaf Linden – 21.0cm	Basal damage and epicormic growth present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Littleleaf Linden – 28.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Norway Maple – 26.0cm	Dieback in canopy present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Basswood – 9.0cm	Major trunk wound present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 33.0cm	Construction impacts: conflicts with watermain installation.

Location	Tree type and trunk diameter	Reason for removal
City ROW – Deveron Crescent (south side)	Homestead Elm – 8.0cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 20.5cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Red Maple – 5.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 21.5cm	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Honey Locust – 28.5	Basal damage present. Construction impacts: conflicts with watermain installation.
City ROW – Deveron Crescent (south side)	Amur Maple – 7.0cm	Basal damage present. Construction impacts: conflicts with watermain and bus shelter installation.
City ROW – Deveron Crescent (south side)	White Mulberry – 24.0cm	Tree has grown opportunistically and is in poor condition. Construction impacts: conflicts with sidewalk installation.
1121 Commissioners Road East	Norway Maple – 16.0cm	Construction impacts: conflicts with watermain installation.
City ROW – Commissioners Road East	Red Maple – 16.0cm	Tree has grown opportunistically within buckthorn and grapevine and is in poor condition. Construction impacts: conflicts with sidewalk installation.