

Malden 2017 and 2018 Roadway Improvement Program - City Tree Removal Decisions									
Final Outcome of June 6, 2018 Public Tree Hearing:									
ARBORIST RECOMMENDED									
Street	Address	Ward	DBH	Tree Name	Sidewalk Issue	Tree Condition/Issues	Action	City Decision	Final Outcome
FRANKLIN	92	7	17	Maple	Sidewalk Lifted 4"	Fair/Root Plate Visible	Remove	Retain **	Remove: Main root along curb and above grade in 2 locations preventing 3" of cover (2" of asphalt 1" of sand) while maintaining 1.5% cross slope. All roots would have to be cut.
FRANKLIN	103	7	22	Honey Locust	Sidewalk Lifted 3"/Curb Pushed Out	Fair/Overhead Wires/Thorns	Remove	Retain **	Preserve: Major roots in 3 locations prevent 6" of cover for concrete sidewalks but does allow for 3" of cover for asphalt sidewalks.
FRANKLIN	106	7	16	Red Maple	Sidewalk Lifted 6"	Fair/Girdling Roots	Remove	Retain **	Preserve: Match walk way steps to new walk. Sidewalk will have a 4' wide section with a cross slope of 1.5% then have a break in grade to match curb.
FRANKLIN	107	7	25	Honey Locust	Sidewalk Lifted 5"	Fair/Overhead Wires/Root Plate over Curb	Remove	Retain **	Preserve: Major roots in 4 locations prevent 6" of cover for concrete sidewalks but does allow for 3" of cover for asphalt sidewalks.
FRANKLIN	111	7	11	Maple	Sidewalk Lifted 2"	Poor/Trunk Damage	Remove	Retain **	Preserve: Major roots in 4 locations prevent 6" of cover for concrete sidewalks but does allow for 3" of cover for asphalt sidewalks.
FRANKLIN	118	7	23	Honey Locust	Sidewalk Lifted 8"	Fair	Remove	Retain **	Remove: Main root in proximity to private driveway that prevents enough cover for driveway. Main root pushing corner stone, and roots would have to be cut.
FRANKLIN	126	7	9	Maple	Sidewalk Lifted 2"	Fair	Remove	Retain **	Preserve: Two main roots prevent 6" of cover for concrete sidewalks but does allow for 3" of cover for asphalt sidewalks. Due to existing drive way and steps, the slope of new side walk will be greater than the road (6.8%) in order to prevent worsening of trip hazard at stairs. SW will have a 3' wide section with a cross slope of 1.5% then have a break in grade to match curb.
FRANKLIN	164	7	15	Honey Locust	Sidewalk Lifted 4"	Fair	Remove	Retain **	Preserve: Retain with concrete sidewalk.
FRANKLIN	104 FRONT	7	22	Maple	Sidewalk Lifted 5"/Curb Pushed Out	Fair	Remove	Retain **	Remove: Main root above grade in 3 locations preventing 3" of cover (2" of asphalt 1" of sand) while maintaining 1.5% cross slope. All roots would have to be cut.
FRANKLIN	104 SIDE	7	13	Honey Locust	Sidewalk Lifted 6"	Fair	Remove	Retain **	Preserve: Adjust limit of work so tree pit will not be touched during the project.
DEFINITIONS:									
DBH = Diameter at Breast Height (Inches).									
Included Bark = Areas of bark on adjacent parts of a tree which become grown over to occupy part of the internal joint causing weak, under-supported branch angles.									
Epicormic Growth = A shoot or branch growing from a previously dormant bud on the trunk or limb of a tree.									
Girdling Roots = Roots circling or partially circling the base of a tree at or just below the soil surface.									
Tree or Trunk Flare = The portion of the tree where the trunk widens at the base as it transitions to the root system.									
Root Plate = That part of the root system (excluding the small outermost roots) needed to keep a tree windfirm.									
HMA = Hot Mix Asphalt									
NOTES:									
* Contingent on the property owner and City entering into an easement agreement that allows the sidewalk, or portions thereof, to be constructed, maintained, repaired and replaced by the City on private property in proximity to the tree and that allows the public the right to pass and repass over private property. In the event an easement agreement is not achieved the tree will be removed and the sidewalk will be constructed.									
** Contingent on further evaluation of existing conditions in the vicinity of the tree after the existing sidewalk pavement at the tree is removed and a determination is made by the City as to the feasibility of constructing an accessible sidewalk and related curb modifications in proximity to the tree by trimming tree roots and/or raising the sidewalk elevations above the tree roots without adverse impact on the adjacent private property or the nearby public travel way, curbs and sidewalks. In the event it is determined to be infeasible by the City to construct the sidewalk while retaining the tree, the tree will be removed and the sidewalk will be constructed.									