

**TREE PROTECTION PLAN - new sidewalk**

**Project: Joann Leleck Elementary School - Safe Routes to School**

**Project Manager: Will Wu**

**rev. 1 - 3.27.23**

DBH = diameter (in.) at breast height (4.5 ft above ground), ms = multi stem

Location: F = front, S = side, R = rear, I = island, P = private, O = opposite, M = median

Recommendation: F = Fencing required, s/w = sidewalk, elev = elevation pruning

DW = dead wood removal, d/w = driveway, cl = clear light, csi = clear sign, cpt = clear private tree, ch = clear house, ROW = right of way, elev = elevation pruning

Note: refer to *Tree Protection Requirements For The Department Of Transportation* for Standard Tree Protection Measures

Note: Inspection of worksite tree protection measures required by Certified Arborist with the county prior to construction activities

Note: ROW not to be utilized for staging area unless otherwise permitted by Certified Arborist

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
<b>Note: All trees listed below require tree protection fencing unless noted otherwise</b>				
<b>Stateside Dr</b>				
1510	Southern Red Oak	42	3F-P	Root prune up to edge of proposed s/w
	Callery Pear	6	2F-P	
	Southern Red Oak	24.5	1F-P	4-5' s/w at curb, air excavation required, flexible porous pavement option, elev 8' over s/w
1500	Kwanzan Cherry	15	2F-P	4-5' s/w at curb, root prune up to edge of proposed s/w
	Kwanzan Cherry	9	1F-P	4-5' s/w at curb, root prune up to edge of proposed s/w
1418	Pin Oak	27.5	3F	Tree previously marked for removal
	Musclewood	8	2F	4' s/w at rear of tree to edge of ROW, air excavation required
	Callery Pear	11.5	1F	4' s/w at rear of tree to edge of ROW, air excavation required, flexible porous pavement option
1412	Crapemyrtle	12ms	3F-P	4' s/w at curb
	Pin Oak	30	3F	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction
	Pine	14	2F	4' s/w at curb, air excavation required, flexible porous pavement option
	Redbud	5ms	2F-P	4-5' s/w at curb
	Pin Oak stump	27	1F	remove stump
	Redbud	9	1F-P	4-5' s/w at curb
1408	Pin Oak	32	1F	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction
	Cryptomeria	16	1F-P	4' s/w at curb, air excavation required, elev 8' over s/w, possible retaining wall
1404	stump	43	2F	remove stump
	bole	31	1F	remove bole
1324	Pin Oak	34	1F	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction
1320	stump	27	2F	remove stump
	stump	13	1F	remove stump
1303	Hedge Maple	6	1F	4' s/w at rear of tree to edge of ROW, air excavation required
1319	White Pine	34.5	1F-P	4' s/w at curb, air excavation required
	White Pine	30	2F-P	4' s/w at curb, air excavation required
1323	Weeping Willow	10.5	1F	4' s/w at curb, air excavation required
	Magnolia	4	2F	4' s/w at curb, air excavation required
	Magnolia	9ms	3F	4' s/w at curb, air excavation required
	Crapemyrtle	26ms	1F-P	4-5' s/w at curb, note: tree in poor condition
1325	stump	62	1F	remove stump
	Kwanzan Cherry	9	2F	Tree previously marked for removal
1325	Sugar Maple	12	3F	4' s/w at curb, elev 8' over proposed s/w, air excavation required
1403	Swamp White Oak	3	1F	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction
	Dogwood	7ms	2F	4' s/w at curb, note: tree in poor condition
	Weeping Cherry	5	1F-P	4' s/w at curb, air excavation required
	Cherry	11.5	2F-P	4' s/w at curb, air excavation required
	Cherry	18ms	3F	4' s/w at curb, air excavation required
1405	stump	51	1F	remove stump, note: (2) shrubs to be removed
	Japanese Maple	19	1F-P	4' s/w at curb, air excavation required
1409	Pin Oak	23	1F	4' s/w at rear of tree to edge of ROW, air excavation required, consider flexible porous pavement
	Black Gum	33.5	1F-P	4' s/w at curb, air excavation required
	Red Oak	16.5	2F	4' s/w at rear of tree to edge of ROW, air excavation required, consider flexible porous pavement
1415	Photinia (tree form)	31ms	1F-P	4' s/w at curb, air excavation required, elev 8' over s/w
1419	Holly	13	1F-P	4' s/w at curb, air excavation required
	Pin Oak	24	1F	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction
	Silver Maple	21	2F	Tree previously marked for removal
1501	Southern Red Oak	39	1F	4' s/w at curb, air excavation required
	Southern Red Oak	29	1F-P	4' s/w at curb, air excavation required
1509	Yew (tree form)	4.5	1F-P	4' s/w at curb
	Red Oak	5	2F-P	4' s/w at curb
9408 Avenel Rd	Black Cherry	5	1S-P	4' s/w at curb
	Dogwood	5.5	1S	4' s/w at curb
	Bur Oak	2.5	2S	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction due to slope/grading required
	Pin Oak	33	3S	<b>REMOVE:</b> insufficient space at tree for 4'+ s/w construction due to slope/grading required

**Notes:**

- Mechanical root pruning is not allowed. Hand prune roots where "root prune up to edge of proposed sidewalk" is noted above  
\*All root pruning shall be done to a maximum depth of 6"
- Any roots 2" diameter or larger exposed by air excavation, that require removal due to construction activities, must be inspected by ISA certified arborist within the Tree Maintenance Section prior to removal. Inspection will determine if tree requires removal due to required root removal
- An approved contractor (Licensed Tree Expert) certified in the State of Maryland for air excavation will be required to conduct all excavation where "Air Excavation Required" is noted above.
- Arborist (Tree Maintenance Section, Division of Highway Services) shall be notified by Project Manager of root pruning and Air Excavation schedule prior to scheduled work
- Excavation for proposed sidewalk shall be no more than 6"
- Flexible, porous paving option should be considered in instances where surface roots would allow no more than 2" bridging.  
Per Montgomery County Roadside Tree Protection Law, allocation of funds into the **Street Tree Replacement Fund** is required.  
\$750.00 Fee required per removal of each county right of way tree that is 6" + DBH, fair or better condition.  
**\$3,750.00** is required for the Street Tree Replacement Fund (5 tree removals)  
Note: Tree replacement fee to be paid prior to scheduled construction

