

TREE PROTECTION PLAN - sidewalk program

Project: Parkside Estates

Project Manager: Rick Holley

1.25.22

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, cli = clear light, csi = clear sign, cpt = clear private tree, ch = clear house

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

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ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
				<i>Note: 5' sidewalk with 0-3' green space for all addresses listed unless noted otherwise</i>
				<i>Note: All trees listed below require tree protection fencing unless noted otherwise</i>
Baederwood Ln				
16524	White Pine	40	1F-P	
16612	Holly	14	1F-P	
16620	Pin Oak	32	1F-P	
16621 Bethayers Rd	White Pine	30	1S-P	
	White Pine	26	2S-P	
16620 Bethayers Rd	Pin Oak	29.5	1S-P	
16720	Red Maple	24.5	1F-P	Note: Poor condition; extensive dead wood
16804	Holly	8	1F-P	
16808	Pin Oak	50	1F-P	Root prune up to edge of proposed s/w
	Apple	2	1F	
	Apricot	2	2F	
16812	Redbud	16	1F-P	
	Sawtooth Oak	4	2F-P	
16916	Red Maple	29	1F	Elevate 8' over s/w, Air Excavation Required, Recommend s/w along curb. Note: tree in fair cond.
16920	Spruce	21.5	1F-P	
16924	Silver Maple	30	1F	Air Excavation Required, Recommend s/w along curb.
16936	Red Maple	20	1F-P	
	Silver Maple	41	1F	Tree to be marked for removal: severe decline, fungal fruiting structures
	Silver Maple	40	2F	Tree to be marked for removal: 95% canopy loss. Severe decline
16940	Southern Magnolia	26	1F-P	
Briardale Rd				
16709	Japanese Maple	9	1F	
	Crapemyrtle	11 ms	2F	
	Spruce	19	1F-P	Elevate 8' over proposed s/w
16713	Silver Maple	59	1F	Air Excavation Required
16801	Redbud	2.5	1F	Recommend s/w along curb.
	Red Maple	28	1F-P	Root prune up to edge of proposed s/w
	Red Maple	6	2F	REMOVE: Proposed s/w would compromise health/structural stability of tree

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
16805	Pin Oak	38.5	1F	Air Excavation Required, Recommend s/w along curb
	Pin Oak	35	2F	Air Excavation Required, Recommend s/w along curb
16805	Pin Oak	34	3F	Air Excavation Required, Recommend s/w along curb
16809	White Pine	31.5	1F-P	Root prune up to edge of proposed s/w
	White Pine	41	2F-P	Root prune up to edge of proposed s/w
16817	Pin Oak	39	1F	REMOVE: Proposed s/w would compromise health/structural stability of tree
16900 Baederwood Ln	Red Maple	22	1S	REMOVE: Proposed s/w would compromise health/structural stability of tree
16909	White Pine	29	1F	REMOVE: Proposed s/w would compromise health/structural stability of tree
	Blue Spruce	19	1F-P	Note: tree is dead
	Crabapple	19	2F-P	Elevate 8' over proposed s/w
16913	Norway Maple	20	1F-P	
16917	Norway Spruce	20	1F-P	Root prune up to edge of proposed s/w
16925	Red Maple	26	1F-P	Air Excavation Required
16929	Red Maple	36	1F-P	Root prune up to edge of proposed s/w, Note: tree is in fair condition with large trunk wound
	Yoshino Cherry	16.5	1F	Root prune up to edge of proposed s/w, Elevate 8' over proposed s/w
	Yoshino Cherry	28	2F-P	
16933	Scotch Pine	24.5	1F-P	Note: tree in poor condition
	Scotch Pine	18	2F-P	Note: tree in poor condition, Elevate 8' over proposed s/w
16937	Spruce	9	1F-P	
	Magnolia	15	2F-P	
North Side: From Shady Grove Rd to 17001 Dace Dr	Silver Maple	34.5	1F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	13.5	2F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	15.5	3F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	18	4F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	18.5	5F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Silver Maple	15.5	6F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	13.5	7F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	21.5	8F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	23	9F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Red Maple	15	10F	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
17001 Dace Dr	Spruce	16	1S-P	
	Spruce	11	2S-P	
	Willow Oak	32	1S	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Willow Oak	33	2S	REMOVE: Proposed s/w construction would compromise health/structural stability of tree
	Spruce	17.5	3S-P	
Frontenac Terrace				
16629	Red Maple	28.5	1F-P	Root prune up to edge of proposed s/w
	Magnolia	18	2F-P	Elevate 8' over proposed s/w

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
16705	Japanese Maple	12	2F-P	Elevate 8' over proposed s/w
	Norway Spruce	16	3F-P	Elevate 8' over proposed s/w
	Norway Spruce	16	1F	Elevate 8' over proposed s/w
	Silver Maple	39.5	1F-P	Root prune up to edge of proposed s/w
16709	Red Maple	37	1F	Tree to be marked for removal: poor condition, extensive trunk decay
16717	Dawn Redwood	28	1F	Air Excavation Required
	Dawn Redwood	23.5	2F	Air Excavation Required
	Dawn Redwood	29	3F	Air Excavation Required
	Dawn Redwood	32.5	4F	Air Excavation Required
16721	Dogwood	24.5	1F-P	Elevate 8' over proposed s/w
Bethayres Rd				
16843	Cherry	2	1F	
16839	Red Maple	17	1F-P	
16835	Red Maple	36	1F-P	
16831	Baldcypress	22	1F	Root prune up to edge of proposed s/w
	Silver Maple	38	1F-P	Root prune up to edge of proposed s/w
16827	Holly	17	1F	Elevate 8' over proposed s/w
16823	Red Maple	18	1F	Recommend s/w along edge of road, Root prune along edge of proposed s/w, elevate 8' over s/w
16811	Red Maple	20.5	1F	
16805	Red Maple	25	2F	Elevate 8' over proposed s/w, root prune along edge of proposed s/w
	Red Maple	30.5	1F	Elevate 8' over proposed s/w, root prune along edge of proposed s/w
16717 Briardale Rd	Holly	10	1S-P	
16720	White Pine	16	2S-P	Elevate 8' over proposed s/w
	White Pine	24	1S-P	
	Pin Oak	45.5	1S	Air Excavation Required
16623 Baederwood Ln	Spruce	17	4S-P	Elevate 8' over proposed s/w
	Spruce	16	3S-P	Elevate 8' over proposed s/w
	Spruce	16.5	2S-P	
	Spruce	13.5	1S-P	
	Pin Oak	35	1S	Air Excavation Required
Dace Dr				
17012	Pine	10	1F	Elevate 8' over proposed s/w
17020+A1	Pin Oak	44	1F-P	Air Excavation Required
	Yoshino Cherry	24	2F-P	Air Excavation Required, Elevate 8' over proposed s/w
	Red Maple	43.5	1F	REMOVE: Proposed construction would compromise the health/structural stability of tree

ADDRESS	SPECIES	DBH	LOCATION	RECOMMENDATIONS
17104	Mulberry	6	1F	REMOVE: Proposed construction would compromise the health/structural stability of tree
	Mulberry	8.5	2F	REMOVE: Proposed construction would compromise the health/structural stability of tree
	Japanese Maple	4	3F	REMOVE: Proposed construction would compromise the health/structural stability of tree
	Japanese Maple	6.5	4F	REMOVE: Proposed construction would compromise the health/structural stability of tree
	Red Maple	12	5F	REMOVE: Proposed construction would compromise the health/structural stability of tree
	Crapemyrtle	15 ms	6F	REMOVE: Proposed construction would compromise the health/structural stability of tree

Notes:

1. Mechanical root pruning is not allowed. Hand prune roots where "root prune up to edge of proposed s/w" is noted above.
*All root pruning shall be done to a maximum depth of 6"
 2. 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.
 3. 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.
 4. 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.
 5. Excavation for proposed sidewalk shall be no more than 6"
- Per Montgomery County Roadside Tree Protection Law, allocation of funds into the **Street Tree Replacement Fund** is required.
Three (3) trees required per removal of each county right of way tree that is 6" + DBH, fair or better condition. (\$250.00 per tree)
\$16,500.00 is required for the Street Tree Replacement Fund.
Note: Tree replacement fee to be paid prior to scheduled construction

