

Oyster Harbor Services Inc. Osterville, Massachusetts



Hazard Tree Inventory



**BARTLETT
TREE EXPERTS**

100TH ANNIVERSARY

1907 - 2007



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INTRODUCTION

1. Project Assignment

This report conducted by Bartlett Tree Experts for Oyster Harbors Services (client) represents the visual inspection of all trees located within 10 feet of the paved road edge encompassing all paved roadways throughout the Oyster Harbors Island. The inspection took place over a 2-day period from June 27th, 2007 through June 28th, 2007.

2. Project Objective

The objective of this 2-day site visit was to evaluate every tree located within 10 feet of a paved road throughout the 8 miles of roadways on Oyster Harbors. Each tree was evaluated for visual defects that could contribute to a decrease in the structural integrity of the tree. Bartlett Tree Experts is not stating every defect in every tree was observed. It should also be understood that trees might have some structural defects that cannot be found through a visual inspection. Additionally, Bartlett Tree Experts evaluated all vegetation along the paved roads to maintain clearance of 3 feet from the pavement edge and 14 feet in height.

3. Project Methodology

Bartlett Tree Experts provided 2 Certified Arborists (Robert Oliver and Steven Heywood) with certifications with the International Arborist Association and Massachusetts Arborist Association. Both Arborists possess over 20 years of experience in evaluating trees.

The visual inspection was to identify trees with defects that could contribute to a decrease in structural integrity. These defects include decay, cavities, cracks, root rot, insect damage, large dead limbs, large poorly attached limbs, and leaning trees due to poor growth habits and past storm damage.

Trees that were identified to have some defective quality were plotted onto a map of the island and documented as to species, size, location, and the defective signs observed. Location language included various methods due to some of the trees location being in undeveloped areas of the island. The location language could include street name, house numbers, compass heading, utility pole numbers, and distance to a known location (i.e. 100 yards west of 16 tee).

The arborist also identified and mapped areas of paved roadways in need of vegetation reduction to maintain standard road clearance of 3 feet from paved road edges and 14 feet high over paved road surfaces.

Species growth habits, ornamental quality, and overall aesthetics to the roadway were also considered during this inspection.

TREE LOCATIONS BY STREET

LOCATION	TREE #	SIZE	SPECIES	COMMENTS
Carriage Road, across from #135	63	6"	Pine	Dead
Carriage Road, across from #210	61	10"	Pine	Lean/borers
Carriage Road, across from #298	62	18"	Black oak	Decay
Cove Lane, east side, across from #25	12	10"	Pitch pine	Dead/covered w/vines
Grand Island Drive, across from #280	27	18"	Pitch pine	Root decay/lean
Grand Island Drive, across from #292	26	12"	Pitch pine	Lean
Grand Island Drive, across from pole #137-18, #280	28	18"	Pitch pine	Lean
Grand Island Drive, across from pole #179-3	30	20"	Pitch pine	Dead
Grand Island Drive, north, #176	44	6"	Pine	Lean
Grand Island Drive, north, #631	43	8"	Pine	Lean
Grand Island Drive, pole #137-13, left of # 280	19	8"	White pine	Decay
Grand Island Drive, pole #137-18, #280	29	22"	Pitch pine	Lean
Grand Island Drive, right of #320	20	6"	Pitch pine	Dead
Indian Trail, across from #60	57	7"	Twin oak	Woodpecker damage
Indian Trail, across from access drive #60	58	10"	Black oak	Lean/obstruction
Indian Trail, east of #14, south side	64	10"	Pitch pine	Decay

TREE LOCATIONS BY STREET

LOCATION	TREE #	SIZE	SPECIES	COMMENTS
Indian Trail, north, #266	39	18"	Pitch pine	Root decay/lean
Indian Trail, north, 100 yds west of Oyster Way	33	18"	Pitch pine	Dead
Indian Trail, north, 25 yds west of Oyster Way	31	12"	Pitch pine	Lean
Indian Trail, north, 50 yds west of Oyster Way	32	14"	Pitch pine	Decay
Indian Trail, north, left of 16 tee, across from fairway	34	10"	Pitch pine	Lean
Indian Trail, south, 100 yds east of Oyster Way	41	7"	Pitch pine	Lean
Indian Trail, south, back 15 green, end of fairway	40	10"	Pitch pine	Lean
North Bay Road, pole #4, front of #120	10	11"	Pitch pine	Decay/lean
Oakdale Path, across #65	8	4"	Pitch pine	Decay/lean
Oakdale Path, across #92	9	24"	Pitch pine	Decay/lean
Oakdale Path, pole #170-5, front of #65	6	22"	White pine	Decay
Oakdale Path, pole #172-5, #65	7	20"	White pine	Decay
Oakdale Path, pole #7, #85	5	22"	White pine	Decay
Oakdale Path, south side, pole #12 front of #120	3	15"	Pitch pine	Decay/lean Growing into fence
Oakdale Path, south side, pole #170-13 front of #120	2	12"	Pitch pine	Decay/lean
Oakdale Path, south side, pole #170-13, front of #120	1	10"	Pitch pine	Decay/lean

TREE LOCATIONS BY STREET

LOCATION	TREE #	SIZE	SPECIES	COMMENTS
Oakdale Path, west side, pole #9	4	16"	Black oak	Decay/lean
Oyster Way, left of pole #161-19	56	12"	Pitch pine	Decay
Oyster Way, pole #5-18	60	8"	Pine	Dead
Oyster Way, right of pole #255	59	8"	Pine	Dead
Oyster Way, west, left of pole #161-27	42	18"	Black oak	Decay
Pineleigh Path, #160	36	10"	Pitch pine	Lean
Pineleigh Path, #54	37	12"	Pitch pine	Dead
Pineleigh Path, across from pole 7	35	10"	Pitch pine	Lean
Pineleigh Path, left of pole #145	38	14"	Pitch pine	Decay/lean
Sand Point, south side, pole #149-1	11	12"	Pitch pine	Decay
Scallop Path, south west	53	10"	Pine	Lean
Seapuit River Road	50	13"	Pine	Dead
Seapuit River Road, front of Wyatt World	46	13"	Pitch pine	Decay/lean
Seapuit River Road, across from Pirate's Cove	51	6"	Pine	Lean
Seapuit River Road, across from pole #134-1	45	14"	Pine	Dead
Seapuit River Road, across from pole #134-27	52	8"	Pine	Dead

TREE LOCATIONS BY STREET

LOCATION	TREE #	SIZE	SPECIES	COMMENTS
Seapuit River Road, across from pole #27	25	10"	Pitch pine	Dead
Seapuit River Road, left of #230	49	6"	Pine	Lean
Seapuit River Road, pole #4	54	8"	Black oak	Decay
Seapuit River Road, right of #210	47	11"	Pitch pine	Lean
Seapuit River Road, right of #230	48	6"	Pine	Lean
Seapuit River Road, right of pole #2	55	11"	Pitch pine	Lean/borers
West North Bay Road, left of pole #171-27	13	20"	White pine	Decay
West North Bay Road, pole #13	16	13"	Pitch pine	Decay/borers
West North Bay Road, right of #220	15	12"	Pitch pine	Root decay/lean
West North Bay Road, right of pole #171-27	14	12"	White oak	Dead limb
Windswept Way, #95	18	12"	Pitch pine	Decay/lean
Windswept Way, across #350	23	14"	Pitch pine	Lean
Windswept Way, across #350	24	23"	Black oak	Decay
Windswept Way, across from #315	22	24"	Black oak	Decay
Windswept Way, corner of Sunset Point	21	24"	Black oak	Dead limbs
Windswept Way, pole #3	17	12"	Black cherry	Decay/lean
Windswept Way, south, right of fork to Sunset Point	65	22"	Oak	Clean large dead limb

TREE LOCATIONS BY TREE NUMBER

LOCATION	TREE #	SIZE	SPECIES	COMMENTS
Oakdale Path, south side, pole #170-13, front of #120	1	10"	Pitch pine	Decay/lean
Oakdale Path, south side, pole #170-13 front of #120	2	12"	Pitch pine	Decay/lean
Oakdale Path, south side, pole #12 front of #120	3	15"	Pitch pine	Decay/lean Growing into fence
Oakdale Path, west side, pole #9	4	16"	Black oak	Decay/lean
Oakdale Path, pole #7, #85	5	22"	White pine	Decay
Oakdale Path, pole #170-5, front of #65	6	22"	White pine	Decay
Oakdale Path, pole #172-5, #65	7	20"	White pine	Decay
Oakdale Path, across #65	8	4"	Pitch pine	Decay/lean
Oakdale Path, across #92	9	24"	Pitch pine	Decay/lean
North Bay Road, pole #4, front of #120	10	11"	Pitch pine	Decay/lean
Sand Point, south side, pole #149-1	11	12"	Pitch pine	Decay
Cove Lane, east side, across from #25	12	10"	Pitch pine	Dead/covered w/vines
West North Bay Road, left of pole #171-27	13	20"	White pine	Decay
West North Bay Road, right of pole #171-27	14	12"	White oak	Dead limb
West North Bay Road, right of #220	15	12"	Pitch pine	Root decay/lean
West North Bay Road, pole #13	16	13"	Pitch pine	Decay/borers

TREE LOCATIONS BY TREE NUMBER

Windswept Way, pole #3	17	12"	Black cherry	Decay/lean
Windswept Way, #95	18	12"	Pitch pine	Decay/lean
Grand Island Drive, pole #137-13, left of # 280	19	8"	White pine	Decay
Grand Island Drive, right of #320	20	6"	Pitch pine	Dead
Windswept Way, corner of Sunset Point	21	24"	Black oak	Dead limbs
Windswept Way, across from #315	22	24"	Black oak	Decay
Windswept Way, across #350	23	14"	Pitch pine	Lean
Windswept Way, across #350	24	23"	Black oak	Decay
Seapuit River Road, across from pole #27	25	10"	Pitch pine	Dead
Grand Island Drive, across from #292	26	12"	Pitch pine	Lean
Grand Island Drive, across from #280	27	18"	Pitch pine	Root decay/lean
Grand Island Drive, across from pole #137-18, #280	28	18"	Pitch pine	Lean
Grand Island Drive, pole #137-18, #280	29	22"	Pitch pine	Lean
Grand Island Drive, across from pole #179-3	30	20"	Pitch pine	Dead
Indian Trail, north, 25 yds west of Oyster Way	31	12"	Pitch pine	Lean
Indian Trail, north, 50 yds west of Oyster Way	32	14"	Pitch pine	Decay
Indian Trail, north, 100 yds west of Oyster Way	33	18"	Pitch pine	Dead

TREE LOCATIONS BY TREE NUMBER

Indian Trail, north, left of 16 tee, across from fairway	34	10"	Pitch pine	Lean
Pineleigh Path, across from pole 7	35	10"	Pitch pine	Lean
Pineleigh Path, #160	36	10"	Pitch pine	Lean
Pineleigh Path, #54	37	12"	Pitch pine	Dead
Pineleigh Path, left of pole #145	38	14"	Pitch pine	Decay/lean
Indian Trail, north, #266	39	18"	Pitch pine	Root decay/lean
Indian Trail, south, back 15 green, end of fairway	40	10"	Pitch pine	Lean
Indian Trail, south, 100 yds east of Oyster Way	41	7"	Pitch pine	Lean
Oyster Way, west, left of pole #161-27	42	18"	Black oak	Decay
Grand Island Drive, north, #631	43	8"	Pine	Lean
Grand Island Drive, north, #176	44	6"	Pine	Lean
Seapuit River Road, across from pole #134-1	45	14"	Pine	Dead
Seapuit River Road, in front of Wyatt World	46	13"	Pitch pine	Decay/lean
Seapuit River Road, right of #210	47	11"	Pitch pine	Lean
Seapuit River Road, right of #230	48	6"	Pine	Lean
Seapuit River Road, left of #230	49	6"	Pine	Lean
Seapuit River Road	50	13"	Pine	Dead

TREE LOCATIONS BY TREE NUMBER

Seapuit River Road, across from Pirate's Cove	51	6"	Pine	Lean
Seapuit River Road, across from pole #134-27	52	8"	Pine	Dead
Scallop Path, south west	53	10"	Pine	Lean
Seapuit River Road, pole #4	54	8"	Black oak	Decay
Seapuit River Road, right of pole #2	55	11"	Pitch pine	Lean/borers
Oyster Way, left of pole #161-19	56	12"	Pitch pine	Decay
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Oyster Way, right of pole #255	59	8"	Pine	Dead
Oyster Way, pole #5-18	60	8"	Pine	Dead
Carriage Road, across from #210	61	10"	Pine	Lean/borers
Carriage Road, across from #298	62	18"	Black oak	Decay
Carriage Road, across from #135	63	6"	Pine	Dead
Indian Trail, east of #14, south side	64	10"	Pitch pine	Decay
Windswept Way, south, right of fork to Sunset Point	65	22"	Oak	Clean large dead limb



VEGETATION CLEARANCE NEEDS

The following is a highlighted map detailing areas of paved roadways in need of vegetation clearance. The clearance work suggested is to maintain standard roadway clearance of 3 feet from paved edges and 14 feet high over paved surfaces.

Species growth habits, ornamental quality, and overall aesthetics to the roadway were also considered during this inspection.

Please refer to the attached island road map highlighting the areas in need of this type of clearance.



LIMITATIONS

Trees inherently pose a certain degree of hazard and risk from breakage, failure or other causes and conditions. Recommendations that are made by Bartlett Tree Experts are intended to minimize or reduce hazardous conditions that may be associated with trees. However, there is and there can be no guaranty or certainty that efforts to correct unsafe conditions will prevent breakage or failure of a tree. Our recommendations should reduce the risk of tree failure but they cannot eliminate such risk, especially in the event of a storm or any other act of God. Some hazardous conditions in landscapes are apparent while others require detailed inspection and evaluation. While a detailed inspection and evaluation should and normally does result in the detection of potentially hazardous conditions, there can be no guaranty or certainty that all hazardous conditions will be detected.