

ID	Species	DBH	SurveyDate	Drip line	Hght	Health	Crown	Roots	Trunk	Risk Condition	Failure	Consequences	Impact	Risk Rating	Mitigation Options	Residual Risk
1	Italian Stone Pine Pinus pinea	49	11/10/2015	73	35	Good	crowns growing into tree 2 north canopy but not touching east tree 61 canopy. No tree to south	natural mulch around base, roots over curb, roots raising sidewalk	1) Central scaffold 2) E 35% 3 removed non-calloused branches	overextended	Possible	Severe	High	Moderate	1) Reduce branches over street 20' 2) Reduce branches towards house 20' Expand curb 12" out for 10' 2 flexible sidewalk panels	Low
			09/13/2016							Overextended	Possible	Severe	High	Moderate		Low
			10/29/2017													
2	Italian Stone Pine Pinus pinea	51.5	11/12/2015	73	35	Good	crowns growing into north and south tree canopies but not touching east	grass at base, moss, excessive watering by sprinkler 4' from trunk	3 major scaffolds, one straight one leaning nw and one sw with weak junction	Nw leaning	Possible	Severe	High	Moderate	1 reduce nw scaffold 20' 2 reduce se scaffold 20' 3 reduces e scaffold 20' Convert spray to drip irrigation and separate from lawn watering Clear root collar, expand mulch instead of grass 3 panel flexible sidewalk 5' curb bump in future	Low
			10/29/2017							Se leaning	Possible	Severe	High	e		Low
										East leaning	Possible	Severe	High	Moderate		Low
3	Italian Stone Pine Pinus pinea	47.5	11/12/2015	75	35	Good	crowns growing into north and south canopies, crown not touching east	natural mulch and some non irrigated grass up to edge,	two major scaffolds one with ne lean to street and one se. multiple unsealed branch removals	S leaning	Possible	Severe	High	Moderate	1 reduce branches towards house 15' and street 20' 2 reduce branches towards house 15' and street 25'. Remove for low risk Clear collar, expand mulch instead of grass. 2 sidewalk panels flexible sidewalk	Low
			10/29/2017							Se leaning	Possible	Significant	High	Moderate		Low
4	Italian Stone Pine Pinus pinea	57	11/12/2015	73	35	Good	crowns growing into n and south canopies, crown just touching east canopy	substantial surface roots at curb and sidewalk. natural mulch on base,	4 major scaffolds one se one central one ne and one nw	northwest leaning	Possible	Significant	High	Moderate	1. Reduce 15' towards parking & 15' towards house. Remove for low risk 2. Reduce 20' towards street. Remove for low risk 3. Reduce 20' towards street. Remove for low risk 4. Reduce 115' towards house and 15' towards street Clear collar an crotch, expand mulch instead of grass Reduce sidewalk by root, 2 flexible sidewalk panels Future 5' curb bump	Low
			10/29/2017							Ne leaning	Possible	Significant	High	Moderate		Low
										Se leaning	Possible	Severe	High	Moderate		Low
										Central	Possible	Significant	High	Moderate		Low

5	Italian Stone Pine Pinus pinea	54.5	11/12/2015	75	35	Good	4 major scaffolds, multiple pruning cavities, shear planes at base of 3 leaning scaffolds, crown growing into n,s canopies, crown touching east canopy	surface roots buckling curb, no mulch. irrigation sprinklers present but not being used	4 major scaffolds se sw nw and central/s multiple pruning cavities	Se leaning	Possible	Significant	High	Moderate	1. Reduce se 20' towards street. Remove for low 2. reduce sw 15' towards houses 3. Reduce nw 20' towards street & houses. Remove for low. 4. Reduce central south by 15'. Remove for low Clear collar and crotch, remove broken concrete in parkway Convert spray emitters to drip.	Low
			10/29/2017							Sw leaning	Possible	Significant	High	Moderate		Low
										Nw leaning	Possible	Significant	High	Moderate		Low
										Central-south	Possible	Significant	High	Moderate		Low
6	Italian Stone Pine Pinus pinea	60	11/12/2015	75	35	Fair	3 major scaffolds, multiple pruning cavities, crown growing into n,s, and e canopies	extensive surface roots uplifting pavement and curb girdling of one scaffold, No irrigation Sufficient natural mulch	codominant crack between two scaffolds from juncture to base, se 45 degree lean S 25 degree lean Ne 45 degree lean	ne leaning	Possible	Significant	High	Moderate	1. ne leaning 20' reduction towards street. Remove for low risk 2. S leaning. 10' reduction 3. Se leaning . 10' reduction Clear collar and crotch 5' curb bump	Low
			10/29/2017							South leaning	Possible	Significant	High	Moderate		Low
			10/30/2017							We leaning	Possible	Severe	High	Moderate		Low
7	Italian Stone Pine Pinus pinea	49.5	11/12/2015	64	35	Good	, reduction of end branches in crown, third scaffold removed, crown touching adjacent north and south tree canopies but not to east	natural mulch against trunk and black plastic underneath-remove	E 25 degree lean S 25 degree lean	E leaning	Possible	Significant	High	Moderate	1. E leaning. Reduce 20' towards street & 10' towards 411 s. H street 2. S leaning. Reduce 20' over parkway. Clear collar and crotch Remove black plastic under mulch	Low
			10/29/2017							S leaning	Possible	Severe	High	moderate		Low
8	Italian Stone Pine Pinus pinea	59	11/12/2015	67	35	Fair	4 major scaffolds, one previously removed leaning 45 degrees se and sw, crown growing into north and south tress, crown just touching east tree	black plastic at base covered by natural mulch- remove plastic and mulch against base	Sw 35 lean Nw 45 lean E 45 lean Se 45 lean one previously removed. shear planes at juncture of two scaffold leaning towards house	Sw lean	Possible	Severe	High	Moderate	1. Sw lean reduce 15' towards house. Remove for low risk. 2. Nw lean. Reduce 15' towards house. Remove for low risk. 3. E lean reduce 25'. Remove for low risk 4. Se lean. Reduce 10' Clear collar and crotch. Remove black plastic under mulch 5' curb bump	Low
			10/29/2017							Nw lean	Possible	Severe	High	moderate		Low
										E. 45 lean	Possible		High	Moderate		Low
										Se lean				Moderate		Low

9	Italian Stone Pine Pinus pinea	56	11/12/2015	66	35	Fair	five major scaffolds, a sixth and seventh ones removed, additional tip reductions could occur on selected branches next to house, scaffolds leaning 45 degrees e,se,sw,nw	surface roots visible, natural mulch sparsely at base	S 45 lean Se 45 lean E 45 lean Central 20 east lean Nw 45 lean	S lean	Possible	Significant	High	Moderate	1 s lean reduce 20' towards 411 s h st. Remove for low risk 2. Se lean reduce 20' towards street,. Remove for low risk 3 e lean. Reduce 10' towards street. Remove for low risk. 4 central no rec 5 nw lean. Reduce 15' towards 203 s h st. Remove for low risk Clear collar and crotch. Future 10' curb bump	Low
			10/29/2017							Se lean				Moderate		Low
			11/07/2017							E lean	Possible	Significant	High	Moderate		Low
										Central	Possible	Severe	High	Low		Low
										Nw lean	Possible	Severe	High	Moderate		Low
10	Italian Stone Pine Pinus pinea	44	11/12/2015	53	35	Fair	2 major scaffolds, one leaning south, other east, canopy growing into tree to south. no north or west trees	irrigated from adjacent lawn sprinklers? natural mulch/lawn sparsely up to base	Se 45 lean W 45 lean Ne 45 lean E 45 lean Central no recommendations	Se lean	Possible	Significant	High	Moderate	1. Se lean 20' reduction towards street, 15' reduction towards 403 h st.. remove for low risk 2. W lean 10-15' reductions towards 403 s h st. Remove for low risk. 3. Ne lean 20' reduction. Remove for low risk. 4, e lean. Selected end branch removal. Remove for low risk Clean root collar and crotches Redirect lawn sprinklers from irrigating parkway lawn	Low
			10/29/2017							W lean	Possible	Severe	High	Moderate		Low
										Ne lean	Possible	Severe	High	Moderate		Low
										East lean	Possible	Severe	High	Moderate		Low
11	Italian Stone Pine Pinus pinea	49	11/12/2015	79	30	Fair	4 15" cavities from pruned branches plus other smaller cavities. crown is freestanding, not touching any other tree. no tree to south, new tree to north scheduled in November 2015, shear plane crack on west scaffold	base covered rd in rocks around trunk with ground cloth underneath-suggest replacing with natural mulch	Nw 35 lean Ne 45 lean Se 35 lean Sw 45 lean	Nw lean	Possible	Significant	High	Moderate	1. Nw reduce 15' towards 335 h st 2. Ne lean reduce 20' towards street 3. Se lean reduce 20' towards street 4. Sw lean. Reduce 10'. Remove for low risk clear crotches remove rocks around collar, parkway, and add mulch	Low
			10/29/2017							Ne lean	Possible	Severe	High	Moderate		Low
										Se lean	Possible	Severe	High			Low
										Sw lean	Probable	Severe	High	Moderate		Low
12	Italian Stone Pine Pinus pinea		11/12/2015			Excellent					Improbable	Negligible	Very Low	Low	remove rocks and ground cloth, root grinding	Low
			10/29/2017													
13	Italian Stone Pine Pinus pinea	47	11/12/2015	67	35	Good	, one 20" branch removed 5' up, canopy is freestanding.	surface roots visible and lifting sidewalk and expanding curb, natural mulch up to base, tree base than surrounding are by 5"	Nw 15 lean Ne 25 lean Sw 25 lean	Sw lean	Possible	Significant	High	Moderate	1. Nw 15 lean reduce 20' towards 331 h & 327 s h st 2 ne lean. Reduce 10' towards street 3. Sw lean. Reduce 10' towards houses. Remove for low risk Clear collar and crotches Bump curb 10', Flexible sidewalks 2 panels	Low
			10/29/2017							Ne lean	Possible	Severe	High	Moderate		Low

14	Italian Stone Pine Pinus pinea		11/12/2015															Nw lean	Possible	Severe	High	Moderate	N/A	No tree at site	Low
			10/29/2017																						N/A
15	Italian Stone Pine Pinus pinea	37	11/12/2015	75	35	Excellent	two major scaffolds, canopy growing into north and east trees, new south tree scheduled for November 2015. no reductions	driveway one foot north of tree and rising. 1' x 2' concrete slab not part of sidewalk should be removed. Rosemary planted in parkway, otherwise natural mulch up to tree base	Se 25 Nw 45	Se lean	Possible	Severe	High	Moderate									1. Se reduce 10' towards houses and 20' towards street. 2. Nw lean. Reduce 10' towards houses and 20' towards street Clear collar and crotches 5' curb bump Consider reducing 319 s h st driveway by one foot on south side	Low	
			10/29/2017															Nw lean	Possible	Significant	High	Moderate			Low
			11/02/2017																						Low
16	Italian Stone Pine Pinus pinea	42	11/12/2015	70	35	Good	side branches all removed, no reductions, canopy growing into north and south trees, not touching east tree	black plastic with rocks around base should be replaced with natural mulch, and remove concrete in parkway to allow roots to receive air, minerals and water	one trunk multiple pruning cavities	overextended	Possible	Significant	High	Low									10' reductions around entire crown remove concrete and black plastic, replace with mulch	Low	
			10/29/2017																						
			11/07/2017																						
17	Italian Stone Pine Pinus pinea	51.5	11/12/2015	72	35	Fair	2 major canopies leaning east and west, canopy growing into north and south trees and touching east tree. canopy reduced in 2009	concrete driveway cutting 4-6 inches into base of tree- remove to one foot away from tree and reform curb and driveway. stem girdling base of western trunk/scaffold but too late to remove	Se 20 lean Se 15 lean E 25 lean seam runs between two scaffolds, good candidate for bracing	Se lean	Possible	Severe	High	Moderate	Moderate								1. se lean reduce 10' towards houses 2. E lean reduce 25' towards street and 10' towards houses  see root section and trunk section, additional reductions?	Low low	
			10/29/2017																						
18	Italian Stone Pine Pinus pinea	53	11/12/2015	76	35	Good	canopy growing into north and south trees but not touching east tree. no reductions	bulge on north side of tree base. roots pushing up asphalt in street ne of tree	Ne 15 lean Se 15 lean 4 major scaffolds, 2 previously removed with lots of bleeding	east, coming off at right angle to parent	Possible	Significant	High	Moderate									1. Nw reduce 20' towards houses 2. Se reduce 15' towards street and parkway Add mulch	Low	
			10/29/2017																						Low
																									Low

19	Italian Stone Pine Pinus pinea	46	11/12/2015	70	30	Good	reductions on house side only, canopies growing into south and east trees, new north tree scheduled for November 2015. most branch attachments look strong	walkway over roots, no mulch	W 35 lean E 25 lean two large scaffolds removed previously 4 feet from base	west	Possible	Severe	High	Moderate	1. W 35 lean. Reduce 20' towards house 2. E 25 lean reduce 20' towards street	Low
			10/29/2017							E 25 lean	Possible	Severe	High	moderate		Low
20	Italian Stone Pine Pinus pinea		11/12/2015			Excellent				Planted 2016	Improbable	Negligible	Very Low	Low	Structural pruning	Low
			10/29/2017													
21	Italian Stone Pine Pinus pinea	57	11/12/2015	63	35	Good	no trees south, crown intertwined with tree 22, not touching tree across street but close	parkway grass irrigated by above ground sprayers hitting trunk? grass green but not overwatered	Central East 25% lean E 45% lean 3 20"+ lower branches removed	leaning over street	Possible	Significant	High	Low Moderate Moderate	1: central 2.e 25% lean. Reduce 20' towards street . Remove lowest 15' scaffold for low risk 3. E 45% lean. Remove 12" , note collar and horizontal crack at base	Low low low
			10/29/2017													
22	Italian Stone Pine Pinus pinea	58	11/12/2015	68	35	Good	intertwined with tree 21 to south, no tree north or east	candy Apple vine covering trunk base, driveway and curb lifting due to 1' to 5' from trunk	S 25% lean E 20% lean third scaffold removed between 2009 and 2013	S 25% lean	Possible	Significant	High	Moderate	1 S 25% lean reduce W 20', S 15' 2 e 20% lean, reduce E 20', N 15'	Low
			10/29/2017							East 20% lean				Moderate		Low
23	Italian Stone Pine Pinus pinea		11/12/2015			N/A									No tree at site	N/A
			10/29/2017											N/A		
24	Italian Stone Pine Pinus pinea	58	11/12/2015	83	35	Good	branches intertwine with tree to north. no tree to south. branches touch tree to ears at 224 h street		3 scaffolds, fourth scaffold removed	Ne 25% lean twisted branch leaning over house 223	Possible	Severe	High	Moderate Moderate Moderate	1. Ne 25% lean. Reduce 20' towards house 2. E 25% lean. Reduce 25% towards house or remove for low risk 3. W 45% lean . Reduce 20' towards street review codominant base of 3 scaffolds	Low Low Low
			10/29/2017													
25	Italian Stone Pine Pinus pinea	63	11/12/2015	72	35	Good	crown intertwined with tree 24 to south and tree 26 to north. no tree to east	surface roots showing, response wood on north side	1. W 25 degree lean 2. S 25 degree lean 3. S 45 degree lean	south 45 degree lean	Possible	Severe	High	Moderate	1. W 25 lean. Reduce 25' towards house 2. S. 25 degree lean. Red 10' to street 3. S 45 degree lean. Remove for low risk rating	low

			10/29/2017							W 25 degree lean	Possible	Severe	High	moderate		low
										S 25 degree lean	Possible			moderate		low
26	Italian Stone Pine Pinus pinea	50.5	11/12/2015	70	35	Good	crown intermingled with tree to east at 214 h st, and south tree 25 and north tree 27	roots lifting sidewalk on response side	1. E 35 degrees 2: e 15 degrees 3. S 35 degrees 3 other 15" removed, one branch towards house failed	E 35 degree lean	Possible	Severe	High	moderate	1: e 35 lean. Reduce 25' towards street 2. E 15 lean no rec 3. S 35 lean reduce 20' or remove for low risk rating	low
			10/29/2017							E 15 degree lean	Possible	Significant	Medium	moderate		low
			11/02/2017							S 35 degree lean	Possible	Severe	High	moderate		low
			11/07/2017											high	root weakness. Remove soil 6-	high
27	Italian Stone Pine Pinus pinea	47.5	11/12/2015	67	35	Good	crown intertwined with tree 26 to south, tree 28 to north but not touching tree to east at 214 h street	surface routes visible, pushing curb out	Se 45 degree lean Central no lean 3 15"+ branches removed. some inclusion on street side	Se 45 degree leaning towards 211 h st	Possible	Severe	High	Moderate Moderate	1. Se 45 degree lean. Reduce 20' towards houses. Remove for low risk 2 central. Reduce 10' on street and house side	Low low
			10/29/2017													
28	Italian Stone Pine Pinus pinea	61	11/12/2015	71	35	Fair	crown intertwined with tree 27 south, tree 29 north, no tree to the east	surface roots, 3' from uplifted driveway to north	W 20% lean Ne 20% lean Center /e 15% lean 2 major lower branches removed. scaffold leaning west towards 211 needs review ar base, lots of dead branches at top	west 20% lean	Possible	Severe	High	Moderate	1. W 20% lean. 20' reduction towards house . Remove for low risk. 2. N 15% learn. 15' reduction towards street. Remove for low risk 3. C/e 15% lean. 10' reduction on house and stree side	low
			10/29/2017							N 15% lean	Possible	Severe	High	Moderate		low
										Center/e 15% lean	Possible	Severe	High	moderate		Low
29	Italian Stone Pine Pinus pinea	59.5	11/12/2015	70	35	Good	reduced in 2009 towards church only. crown I tertwined with tree 30 to north, tree 28 to south and tree to east at 200 h st	natural mulch not irrigated	S 35% lean N 35% lean Se 45% lean Central- nw 45% lean 4 15" + branches removed previously	Se 45% lean	Possible	Severe	High	Moderate	1. S lean. Reduce 20'. Remove for low risk 2. N lean Reduce 20'. Remove for low risk 3. Central reduce nw 15' 4. Se reduce 20' remove for low risk . 2' cavity at base	low
			10/29/2017							South 35% lean	Possible	Severe	High	moderate		Low
			11/07/2017							North 35% lean	Probable	severe	High	high		low
										Center west	Possible	Significant	High	moderate		Low

30	Italian Stone Pine Pinus pinea	54	11/23/2015	66	35	Good	reduced in 2009 on church side. crown intertwined with south tree 29, east tree 31, no tree to north on cypress	surface roots but more room, no irrigation or duff	1. Central-sw 45% lean 2. Ne 45% lean 3. We 45% lean fungal growth on straight scaffold on street side 10' up , horizontal seam next to burl	Central-se	Possible	Severe	High	Moderate	1. Central-sw reduce s 15" scaffold by 10' or remove. Reduce w 15" scaffold by 15' or remove to take load off base of central decayed base. Also reduce central east by 15' 2. Ne. Reduce 10-15' 3. Se reduce 20'	low
			10/29/2017							Ne	Possible	Significant	High	moderate		Low
			11/02/2017							Se	Possible	Severe	High	moderate		low
31	Italian Stone Pine Pinus pinea	44	11/23/2015	57	35	Good	reduced on north side next to street light. crown intertwined with tree 30 to west, tree 32 to south, no tree on north side cypress ave	natural non irrigated parkway with accumulated natural mulch. girdling route on sidewalk side	1.n 35% lean 2. S 35% lean two scaffolds both twisted and with burls. 20" scaffold at base removed	N	Possible	Severe	High	moderate	1. N -reduce West 15'. Reduce e 10'. Reduce n 10'. 2. S - reduce 15'. E reduce 10'. W reduce 15'	low
			10/29/2017							S	Possible	Severe	High	moderate		low
32	Italian Stone Pine Pinus pinea	45	11/23/2015	59	35	Fair	crown intertwined with tree 31 to north, tree 29 to west, no tree to south. partially reduced towards museum	natural non irrigated duff, girdling root on south side	1. Central /north 45% 2. N 45% 3 w 45% two others removed. twisted, ridged scaffolds	north leaning	Possible	Significant	High	moderate	1. N - reduce 15' 2. Central - reduce 15' e/north reduce n 10', reduce w 10'	low
			10/29/2017							Central/north				moderate		low
33	Italian Stone Pine Pinus pinea		11/23/2015			Excellent								Low		
			10/24/2017													
			10/29/2017													
34	Italian Stone Pine Pinus pinea	63	11/23/2015	66	35	Good	crown intertwined with tree 27 to west, tree 35 to south, no tree to north	grass growing up to base of tree irrigated twice a week and probably hitting trunk, excessive irrigation since 2003	1. E 25% lean 2. central/ se 10% 3. N 10% 2 others removed	east leaning	Possible	Severe	High	moderate	1. E reduce 10'. Remove for low risk 2., Central/se E reduce 20' change irrigation 3. N - reduce n and West 15'	low
			10/29/2017							Central/ se	Possible	Severe	High	moderate		low
										N	Possible	Significant	High	moderate		low
35	Italian Stone Pine Pinus pinea	42.5	11/23/2015	74	35	N/A	crown intertwined with tree 34 to north and tree 26 to west . no tree to south	irrigated grass, emitter 3' from trunk, hitting trunk?	2 major scaffolds, one leaning east, the other northwest. nw scaffold has horizontal seam at base	nw	Possible	Significant	High	N/A	no tree at site	N/A
			10/29/2017													
36	Italian Stone Pine Pinus pinea		11/23/2015			N/A									no tree at site	N/A
			10/29/2017													N/A

37	Italian Stone Pine Pinus pinea	52	11/23/2015	78	35	Good	crowns touching tree 24 to west, no tree to north, not touching tree 38 to south	irrigated lawn with emitters 3' from trunk on both sides. water hitting trunk?	1. Se 10% lean 2. W 35% leantwo 20" + scaffold removed	sw	Possible	Severe	High	moderate	1.se reduce e 10', reduce s 10' 2. W reduce w and s 15'	Low
			10/29/2017							W	probable	Severe	high	high		Low
			11/02/2017													
			11/07/2017											high	root weakness. Remove 6"-12" soil	high
38	Italian Stone Pine Pinus pinea	20	11/23/2015	33	25	Good		mineral deposits on lower 2 feet of trunk from irrigation hitting trunk on both sides of grass irrigated parkway	developing se lean		Improbable	Significant	Medium	Low	structural pruning to offset se lean and growth, remove overhead emitters hitting trunk	Low
			10/29/2017													
39	Italian Stone Pine Pinus pinea		11/23/2015											N/A	No tree at site	
			10/29/2017			N/A										Low
40	Italian Stone Pine Pinus pinea	50	11/23/2015	69	45	N/A	crowns touching tree to west at 237 h but otherwise freestanding	irrigation heads on both sides of grass parkway	1. Se50% 2. Sw45% 3. E45%					N/A	8/31/17 whole tree root failure. No tree at site	N/A
			10/29/2017													
41	Italian Stone Pine Pinus pinea	52	11/23/2015	75	35	Good	crowns intertwined with tree 42 to south, no tree to west or north	surface roots, natural duff parkway, non irrigated grass	1. SE 2. SW canopy over 302 h st, 2 15" branches removed, seam at base	SE	Possible	Significant	High	moderate	1. SE reduce e, s, 20' 2. SW reduce 15' or remove for low risk	Low
			10/29/2017							SW				moderate		Low
xx 42	Italian Stone Pine Pinus pinea		11/23/2015													
						N/A										
42 (43)	Italian Stone Pine Pinus pinea	46	11/23/2015	66	35		crowns branches intertwined with tree 19 to west and tree 42 to north, no tree to south	non irrigated, duff removed	3 scaffolds, one west, one south, and one se.	south	Possible				2/22/17 whole tree root failure, sturation and wind. No tree on site	N/A
														N/A		N/A
43 (44)	Italian Stone Pine Pinus pinea		11/23/2015											N/A	No tree at site	
			10/29/2017			N/A										N/A



44 (45)	Italian Stone Pine Pinus pinea	62	11/23/2015	75	35	Good	crown touching east tree at 311 h st, and with tree 47 to south, no tree to north	brick parkway on north, driveway on south. curb and driveway lifted	1. Ne 45% 2. E35% 3. Se 35% 4. Nw 35% one scaffold removed	ne	Possible	Significant	High	Moderate	1. Ne. Reduce e 15', e 15'. Remove for low risk 2. E Reduce e 15'. Remove to 12" upright for low 3. Se reduce east 10'. Remove for low risk 4. Nw reduce w 15', reduce s 15' 5. Remove vegetation at base.	Low
			10/29/2017							E	Possible	Severe	High	moderate		Low
			11/07/2017							Se	Possible	Severe	High	moderate		Low
										Nw	Possible	Severe	High	moderate		Low
45 (46)	Italian Stone Pine Pinus pinea	58	11/23/2015	75	35	Good	crown intertwined with tree 45 to north and tree 47 to south, almost touching tree to west at 319 h st., canopy over houses	native duff in parkway mostly removed, curb and pavement lifted	1. S 10% 2. Ne 45% 3. Se 35%	ne	Possible	Severe	High	Moderate	3. Se Reduce 15' east and s 2. Ne - reduce 15' e an n and w 1. S. Reduce w 15', 4., Clear collar, remove flowers	Low
			10/29/2017							Se	Possible	Severe	High	moderate		Low
										S				moderate		Low
46 (47)	Italian Stone Pine Pinus pinea	62	11/23/2015	71	35	Good	crown intertwined with tree 46 to north, touching tree to east at 319/323, no tree to south	mineral deposits 2 feet from base of trunk. irrigation emitters surrounding grass parkway	1. Sw 20% 2. Nw 20% 3. Central / sw 10% 4. E 15% 5. Se 35% six major branches removed	Sw 20%	Possible	Severe	High	moderate	1. Sw 20% 15' reduction 2. Nw 20%. 15' reduction 3. Central/sw 10%. No recommendations 4. E 15% 15' reduction 5. Se 35% 15' reduction or remove for low risk 6. Cap irrigation/	Low
			10/29/2017							Nw 20%	Possible	Significant	High	moderate		Low
			11/07/2017							Central/sw 10%	Possible	Significant	High	moderate		Low
										E 15%	Possible	Severe	High	moderate		Low
										Se 35%	Possible	Significant	Medium	moderate		Low
47 (48)	Italian Stone Pine Pinus pinea		11/23/2015			Excellent								Low	Structural pruning of tree. Reduce soil height	Low
			10/29/2017													Low
48 (49)	Italian Stone Pine Pinus pinea	53	11/23/2015	75	35	Good	crown reduced on side of house, intertwined with tree 49 to south, no tree to north, just touching tree to west at 331	natural duff mostly removed, surface roots	1. east 75% 2. Nw 35% 3. Nw 35% 4 sw 35% 5 se 25%	east	Possible	Severe	High	high	1. E. Reduce e, n, s 15' 2. Ne 35%. Reduce w15' 3. Nw 35% reduce w 10' or remove 4. Sw 35% reduce w, s 15' S. Se 45% Reduce s, e 15' Bump curb Reduce parkway soil height by 6-12"	moderate

			10/29/2017							Nw 35%	Possible	Significant	High	high		moderate
			11/07/2017							Nw 35%	Possible	Significant	High	high		moderate
										Sw 35%	Possible	Significant	High	high		moderate
										Se 25%	Possible	Severe	High	high		moderate
49 (50)	Italian Stone Pine Pinus pinea	71	11/23/2015	83	35	N/A	crowns intertwined with tree 49 to north, and tree 50 to south, no tree to west	native duff mostly removed	4 scaffolds, one se, one sw, one east and north, one straight/east, 2 15" branches removed at base	se	Possible	Significant	High	n/a	Tree failed. No tree at site	n/a
			10/24/2017													
50 (51)	Italian Stone Pine Pinus pinea	54	11/23/2015	60	35	Fair	reduced on house side. crown intertwined with tree 50 to north, almost touching east tree on opposite corner, no tree to south. most of growth south	moss growing on ground from overwatering by spray irrigation on both sides of grass parkway. stones at base of tree touching trunk	1. Se 35% 2. Sw 45% 3. Nw 45% 2 scaffolds missing	se	Possible	Significant	High		1. Se. reduce e, s, 10-15' 2. Sw reduce s,e 15' 3. Nw reduce s, w 15' Cap irrigation, Remove rocks and bricks around tree Reduce parkway height soil 6-12"	moderate low
			10/29/2017							Sw	Possible	Severe	High	moderate		low
										Nw	Possible	Significant	High	moderate		low
51 (52)	Italian Stone Pine Pinus pinea		11/23/2015			1	Excellent							Low	Structural pruning Reduce parkway height	low
			10/29/2017													
52 (53)	Italian Stone Pine Pinus pinea	70	11/25/2015	66	35	Good	red on hose side, no tree n, s inter with tree 54 and e tree 411/401	moss, overwatered grass irrigated	1. Ne 25% 2. S 45% 3. se 45% 3 scaffolds removed	Ne	Possible	Severe	High	moderate	1. Ne . Reduce n, w, e, 15' 2. S. Reduce s, w, e 10-15' 3. Sw. reduce w,s 15' Cap irrigation Remove parkway soil level 6-12"	Low
			10/29/2017							S 45%	Possible	Significant	High	moderate		Low
			11/07/2017							Se	Possible	Significant	High	moderate		Low
53 (54)	Italian Stone Pine Pinus pinea	49	11/25/2015	70	35	Fair	reduced on house side, inter with tree 53 to n, 55 to s, and east tree 411 touch	native duff mostly removed no irrigation	1. Central 2. Sw 45% one scaf removed	Sw 45	Possible	Significant	High		1. Central. Reduce n, s, e, w, 15' 2. Sw 45%. Reduce e, s, w 15' or remove for low risk Reduce parkway height 6-12" Cap irrigation	moderate Low
			10/29/2017							Central	Possible	Severe	High	moderate		Low
54 (55)	Italian Stone Pine Pinus pinea	46	11/25/2015	65	35	Good	reduced on house side. inter with tree 54 to n, 56 to south, not touching tree to east at 415/411	moss overwatered grass spray irrigation   one side of l parkway	1. Central/ne 45% 2. Sw 45% 2 old branches removed, burl, sw scaf twisted	se	Possible	Significant	High		1. Central/ne . Reduce n,e, s, w 15' 2. Sw . Reduces, w 15' Reduce parkway level 6-12" Cap irrigation	moderate Low
			10/29/2017							Central /se	Possible	Severe	High	moderate		Low

55	Italian Stone Pine Pinus pinea	51	11/25/2015	68	35	Fair	inter tree 55 to n, tree 57 to s, and touching east tree at 415	414 side over irrigated with toadstools,, 420 side native duff	1. Central/10% e 2. W 35% 3. Sw 35% cavity at base, decay suspected	Central/10% e	Possible	Significant	High	moderate	1. Central/ e 10%. Reduce n, e, 15' 2. W 35%. Reduce 15' w,n,, s or remove for low risk 3. Sw 35%. Reduce 10' n,s,w, or remove for low risk Reduce parkway 6-12"	Low
			10/26/2017							W 35%	Possible	Significant	High	moderate		Low
			10/29/2017							Dead 35%	Possible	Significant	High	moderate		Low
56	Italian Stone Pine Pinus pinea	47	11/25/2015	70	35	Good	inter tree 56 to n, tree 58 to s, touching west tree at 423 h reductions n house side	broken concrete around base	1. E35% 2. N 35% 3. Central 2 old removed	e 35%	Possible	Severe	High	moderate	1. E 35%. Reduce n, e 15', or remove for low risk 2. N 35%. Reduce n, w 15' or remove for low risk 3. Central. Reduce n,w,e,s 10' Remove concrete in parkway Reduce soil height 6-12"	Low
			10/29/2017							N 35%	Possible	Significant	High	moderate		Low
			11/07/2017							Central	Possible	Significant	High	moderate		Low
57	Italian Stone Pine Pinus pinea	60.5	11/25/2015	69	35	Fair	reduced on house side, inter with tree 57 on north, tree 59 on s, not touching e tree at 429	surface roots, bare ground	1. Se 15% 2. S 35% 3. Sw 35% 4. Nw 10% one scaf removed	Se 15%	Possible	Severe	High	high	1. Se 15%. Reduce n,e,s 15' 2. S 35%. Reduce s , e 15' 3. Sw 35%. Reduce s, w 15' 4. Nw 10%. Reduce w 10' Reduce soil level 4"	moderate
			10/29/2017							S 35%	Possible	Significant	High	moderate		Low
			11/07/2017							Sw 35%	Possible	Severe	High	moderate		Low
										Nw 10%	Possible	Significant	High	moderate		Low
58	Italian Stone Pine Pinus pinea	46	11/25/2015	67	35	Good	inter tree 58 to n,tree 60 to s, not touching e tree at 429 h. canopy over house	juniper against trunk, otherwise bare soil	1. Central 2. Ne 45% one scaf removed	ne	Possible	Severe	High	Moderate	1. Central. Reduce w 15' 2. Ne 45%. Reduce e 20', remove for low risk Remove junipers at base Reduce soil 6"	Low
			10/29/2017							Central	Possible	Significant	High	Moderate		Low
59	Italian Stone Pine Pinus pinea	45	11/25/2015	70	35	Good	inter tree 59 n, touching tree 2 to east, not touching tree 61 s.	surface roots, native duff in parkway	1. Ne 15% 2. Se 15% one scaf removed	Ne	Possible	Severe	High	Moderate	1. Ne 15%. n and e reduce 10' 2. Se 15% s and e reduce 15' Remove parkway soil to base of tree remove 2' of sidewalk for roots	Low
			10/29/2017							Se	Possible	Severe	High	Moderate		Low
			11/07/2017													

60 (61)	Italian Stone Pine Pinus pinea	36	11/25/2015	55	25	Good	not touching any other canopies	native duff not irrigated	2. se 15% 1. Se 45%	Se 45%	Possible	Severe	Mediu m	Low	1. Se 45%. 15' reduction. Remove for low risk 2. Se 15%. No recommendations if se 45% recommendations implemented.	Low
			10/29/2017							Se 15%	Possible	Severe	Mediu m	Low		Low

Notes
439 H St. sw corner house with locust
435 H St. Review sw scaffold canopy leaning on tree 1 canopy for stabilization. Also review base where overwatered
429 H St. review crotch at scaffolds and base
423 H St south tree on boundary with 429

423 H St north tree, check junctures for cracks
415 H St 2013 resistograph
411 H st south tree 013 resistograph?
411 H St south tree - 2009 reduction, 2013 branches with twisted defects over street. Review juncture with 2 west scaffolds

403 H St south tree
403 H St north tree. corner, no tree to north
335 H St corner house .
331 h st south - new tree site
331 H St. north

323 h st south new tree-previous tree removed after 2009 report recommendations and August 2009 scaffold failure
323 H st north tree
319 H
Asphalt bump out example.
311 H street south tree-2009 reduction, 2013 low vigor continues, check seam for decay
311 H St. north tree - review scaffold heading towards house



307 H St.- check juncture of scaffold leaning towards house as precautionary measure
303 h st. sw corner with Hickory new tree - previous tree identified in 2003 report as one with issues failed around 2009
237 H St. nw corner at hickory st
231 h st south tree-2013 decay in crotch 12", one scaffold failed in April 2013. Resistograph 2009? 48" southeast side showed a cavity at 16" with several rings of compartmentalized wood just before the entry. Review crotch
231 h st new tree unplanted site - tree removed after 2003 and 2009 reports
223 h st south - review branch leaning towards 223 h st
223 h st north tree - crack where south scaffold is attached 223 h st

review crotch? 215 h st south tree
Girdling roots. Base of tree covered by 6" to 12" of soil. Primary supporting root running north in parkway offsetting se lean.
Resistograph locations
215 h st- north tree. - review crotch
211 h st. - review leaning scaffolds at base
201 h street south tree - check cracks at base of east leaning scaffold
Resistograph photos

201 h street north tree next to church, check seam next to burl, suspect decay
Fungus at base of central sw
200 h street museum north tree.. check burls at base of scaffolds
200 h street south tree.check base of two north leaning limbs. see site pictures
210 h street new tree site tree removed in 2013 due to decay at base of scaffolds
New tree - untrained
214 h street-check base of east leaning scaffold and effects of long term excessive irrigation at base. 2013 rec additional reduction after limb failure. 2009? resistograph 36" up south side found decay 14.3" into trunk
220 h st -check seam on nw scaffold
222/224 h st new tree Previous tree failed around 2009 did not have any issues in 2003 report. irrigation heads surrounding grass parkway on both sides

224 h st. review crotch of east leaning trunk
resistograph review
Irrigation spraying on tree on a daily basis. Trunk buried 6-10"
Resistograph photos
228 h st- planted in 2002
236 h st. south new tree site-recommended for removal in 2003. tree removed in 2013 due to 5' deep cavity in center of 4 (previously 5) scaffold tree. Not on new tree list
Not replanted
238 h st ne corner with hickory.
302 se north h st se corner with hickory check codominant seam at south leaning scaffold
I originally skipped this number by mistake . All trees from 42 to 60 use the old numbers one number higher in UFC's, but 1 number lower in actual reports
306 north h st. review south scaffold seam 2009? resistograph 36" up on the southwest side thru a seam showed no indication of deterioration.
310 h st new tree - Previous tree, one of 4 scaffolds failed in June 2009 and tree was removed

310 h st south tree-scaffolds moving in different directions. verify base joints
One of few trees with 6' sidewalk cutout by 2' to allow roots to grow. 60' wide street
318/320 h st - check base due to house proximity. 2009? resistograph 40" up on the north side into old stub showed no significant decay
322 h st- 2009 reduction, 2013 resistograph results, no issues at 4' up(decay at 13"), check at base
326 h st new tree site not planted - Previous tree recommended for removal in 2003, tree removed in 2013 due to multiple codominant trunks with deep cavity in between.
330 h street - verify east scaffold ok?

Resistograph photos
330 h st - check se scaffold junction?
Tree failed 5-13-16 due to overextended limb failure, not replaced
105 e olive, ne corner with H St.. check se scaffold for possible problems, potential root failure
400 h st se corner with Olive - new tree planted in 2016
404 h st- check me juncture.
Resistograph candidate
408h st.- 2013 end weight concern and vigor issue. Check east scaffold juncture.
412 h st. - check base of se scaf

414/420 h st - check decay at base
Visited on 9-15-16 to conduct a resistograph analysis on 28" branch crotch leaning over street. With updated photos not here and report
Failed cable embedded in trunk
426 h st - check e scaf juncture
Resistograph photos tree 57
430 h st - check base of e scaf. 2009? resistograph 4' up the east side angled into the crotch showed no indications of decay
Resistograph photos of tree57
434 h st - check se scaf juncture. Resistograph photos
436 h st - north tree , planted 1985-95
Collar buried almost 9" on street side, 6" on sidewalk side. Reduce sidewalk to allow root growth

436 h nw corner with locust