

Italian Stone Pine Update

Managing, Maintaining &
Preserving a Historical Grove

Urban Forestry Supervisor

Sean O'Neil

ISA Certified Arborist

WE-12033A



The Basics

- ▶ The original Italian Stone Pines on South H Street were planted during the 1930's and 1940's
- ▶ There are a total of sixty tree planting locations which spans for three city blocks
- ▶ Italian Stone Pine trees have an expected life of fifty to one hundred and fifty years
- ▶ Of the sixty trees originally planted, there are still forty-two that remain

A History of Inspections

- ▶ 2003 Mahoney - Risk Review - Resistograph Studies
- ▶ 2013 Mahoney - Risk Review
- ▶ 2015 Knight - Risk Review
- ▶ 2017 Knight - Risk/Health/Root/Resistograph Studies
- ▶ 2018 Knight - Level One, Post Work Review
- ▶ 2020 Knight - Risk Review
- ▶ 2021 Knight - Level One, Post Work Review
- ▶ 2023 Knight - Risk Review

ID	Species	DBH	Date Surveyed	Drip Radius	Height	Main Concern Crown	Main Concern Roots	Main Concern Trunk	Risk Condition	Consequen	Failure	Impact	Residual Risk	Risk Rating	Notes
11	Italian Stone Pine Pinus pinea	49	11/12/2015	79	30	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	Significant	Possible	High	Low	Moderate	335 H St corner house .
			10/29/2017						Ne lean	Severe	Possible	High			
			09/24/2018						Se lean	Severe	Possible	High			
			09/28/2018						Sw lean	Severe	Possible	High			
			08/17/2020										Moderate	Moderate	No irrigation, large rock mulch and plants
			11/09/2021										Moderate	Moderate	
			01/24/2023										Moderate	Moderate	Irrigation from adjacent sprayers? Large rock and plants. Trunks-NE 45%NW-35%,SE-45%, SW-45%

Consequences

Probability	<i>Neligious</i>	<i>Minor</i>	<i>Significant</i>	<i>Severe</i>
<i>Very likely</i>	Low	Moderate	High	Extreme
<i>Likely</i>	Low	Moderate	High	High
<i>Somewhat Likely</i>	Low	Low	Moderate	Moderate
<i>Unlikely</i>	Low	Low	Low	Low

The Process Post Inspection

- ▶ Review inspection findings with the Consulting Arborist to identify areas of concern and mitigation options
- ▶ Meet onsite with a contractor to review the scope of work and discuss a timeline for completion
- ▶ The Urban Forestry Supervisor monitors the work and verifies conformance with the Consulting Arborist's mitigation recommendations

Moving Forward

- ▶ The trees lining South H Street will be inspected every two years, unless otherwise recommended by a Consulting Arborist
- ▶ Mitigation pruning will be performed as recommended in the Consulting Arborist's report
- ▶ If a tree becomes rated as High Risk, it will be scheduled for removal
- ▶ Trees that are removed will be replaced
- ▶ Replacement trees will be pruned for structural integrity as they mature

This Concludes My
Presentation

Questions?