

# SBCA TREE CONSULTING

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Date: February 24, 2021

To: Mike Roberts, Senior Civil Engineer  
City of Emeryville

Subject: Tree Removal Recommendation

Species: Japanese Pagoda Tree (*Sophora japonica*)

Project: Horton St, Sherwin Williams

Related information: SBCA Tree Consulting report, Valuation of 54 trees on Horton Street 2-12-18.

## Summary

Arborist inspected root loss and determined tree removal is required.

Tree #3 – This tree is on the western side of Horton St, located second from Park St. The tree was assigned #3 in arborist report “Valuation of 54 trees on Horton Street”, submitted on 2-12-18.

DBH<sup>1</sup> was recorded at 8.5 inches. A 7” root and 3” root were severed when the pavement was saw cut. Although the severance occurred outside the Primary Root Plate<sup>2</sup>, it is likely that tree stability has been compromised due to the size of the root. The significant root loss also has compromised future tree health.

It is recommended the tree be removed as soon as can reasonably accomplished. As Project Arborist, I assume no liability if it is decided the tree should remain. It is my professional opinion that the tree requires removal to eliminate the associated high risk<sup>3</sup>.

## End

Report submitted by:



Molly Batchelder, Consulting Arborist  
WC ISA Certified Arborist #9613A  
Tree Risk Assessment Qualified (TRAQ)

<sup>1</sup> DBH – Diameter at Breast Height or 4.5 feet above soil grade.

<sup>2</sup> Primary Root Plate – Zone of rapid root taper. Root severance within an area of 3x tree diameter can compromise tree stability.

<sup>3</sup> High Risk – Whole tree failure is very likely and consequences of tree failure would be significant.

## Photo supplement



**Photo 3.** Photo left shows the 7" and 3" roots that were severed during hardscape removal.

End

