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Date: 2/2/2008

TO: Chi-Wai Chung, P.E.
City of Alameda Public Works Dept.

Locations: 1720 Chapin

Species: Liquidambar Tree

Subject: Root-Sidewalk Conflict

Assignment: Subsequent to the removal of sidewalk curb and gutter, arborist was asked to provide recommendations for treatment.

Summary

This tree is becoming more problematic due to the large size and the expanding decay cavity. It does appear that the necessary repairs can be made without compromising the health and stability of the tree. This tree is wider than the parkway width and will continue to expand.

Tree Description

The liquidambar tree has a DBH of 40". The health cannot be accurately assessed when leaves are not present. The leaking water from the cavity indicates that the decay extends up to prior heading cut wounds. It does not appear to be a safety concern at this time.

The roots were observed below the gutter area.

Recommendations

It does appear that the tree can be retained at least until the next repair cycle.

The root below the gutter will require some shaving to increase the amount of time until repairs are again required.

Photo 1. Photo to the right shows the liquidambar tree at 1720 Chapin. It does appear that the repairs can be accomplished without compromising the health and safety of the tree.



End Report