

Assessor-Garrett Hughes
Company-Heartwood Tree Company
Date-April 22nd

On April 22nd Garrett Hughes performed a Level 3 tree risk assessment on a 44" ash tree located south of 5118 Spring Ct. The targets for the area include customer's house and garage, neighbor's house, shared driveway to the west of tree, and power lines running to the west of tree.

Conditions: The trunk and root flare of tree appeared sound, no decay was visibly present. From the ground there was some decay visible on main upright of tree. Tree was climbed to get a closer inspection of this area. The main trunk (scaffold A) of tree is 25" in diameter and significant decay was found during aerial inspection. Decay is significant on scaffold A, with less than 10%-20% of sound wood present in area. There is also an open crack between scaffold A, and scaffold B. Also numerous carpenter ants were seen throughout the tree, which is another sign of decay.



Picture of area on south side of scaffold A.



Picture of 14" pruning cut with decay on east side of scaffold A.



Picture of the top of scaffold A, at main union.

Picture of scaffold A above main decay pocket. Vertical crack is apparent at top of decay pocket.



Picture of union between scaffold A and B with open crack.



Analysis: Failure of either scaffold A, or scaffold B is deemed to be imminent due to open crack and extent of decay. The likelihood of impact for customer's house, garage, and power lines would be high, as they are within the drop zone for both of these scaffolds. Consequences of failure would be significant for structures, and severe for people if they were located within drop zones. This is considered a high risk situation and mitigation should be performed as soon as possible.

Recommendation: Due to amount of decay in scaffold A and open crack between scaffold A and B, removal of tree is warranted. Since it is an ash tree, continued treatment to protect against EAB would be needed. Effectiveness of treatment would be lessened due to decay issues.