

# Busy Bee Services, Ltd.



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## \*\*\*\*\*REPORT\*\*\*\*\*

### Marion C. Seltzer Tree Preservation

Observations of the exploratory air excavation of the root-stem transition zone of Bald Cypress (*Taxodium distichum*) at the Marion C. Seltzer School was performed on August 17, 2023.

The follow list represents the challenges we face in the relocation of the above mentioned tree:

- 1) The root-stem transition zone is more than three feet below the current grade. This trees roots grow five to six feet below the root-stem transition zone. The three or more feet above the root stem transition zone increase the weight of the root ball beyond traditional tree moving weight capacities.
- 2) There is the abandoned Landon Avenue road bed approximately eight inches to twelve inches below the current grade. The tree's roots go below the old road bed.
- 3) The tree roots grow below the basketball court.
- 4) The abandoned road and the basketball court (#2 & # 3 above) would have to removed prior to relocating the tree.
- 5) The water main is within the critical root zone (the area of roots) that would have to be relocated with the tree. Tree roots have a tendency to grow around pipes. The water main would have to be abandoned, cut off on each side of the critical root zone and taken with the tree during relocation. Not to do so would almost assuredly result in the water main breaking.

- 6) There are overhead utility lines within the canopy of the tree. There are utility and telephone poles within the critical root zone of the tree. The poles would have to be relocated prior to the relocation of the tree.
- 7) The trunk of the tree is actually two with one bifurcating into two stems, appearing that the tree has three trunks. This makes an unstable trunk that would have to be braced and cabled to be relocated.
- 8) There is an additional water main, running north to south, that has to be relocated or abandoned on the way to the proposed relocation site.

Even if the above criteria are met, Busy Bee's costs for relocating this tree would be substantially higher than previously quoted. The outcome would not be as desirable; probability of survival would be lessened.

Thank you,

*Mark J. Hoenigman, President*