

TRUNK FORMULA METHOD WORKSHEET

Case# 14 Property 100 W Atlantic BLVD Date 04-09-2026
Appraiser J. Brian Euell RLA6666897

Field Observations

1. Species Quercus virginia
2. Condition 65 %
3. Trunk Circumference _____ in. Diameter 3 in
4. Location % = [Site 90 % + Contribution 90 % + Placement 90 %]
÷ 3 = 90 %

Regional Plant Appraisal Committee and/or Appraiser-Developed or -Modified Information

5. Species rating 90 %
6. Replacement Tree Size (diameter) 2 in
(Trunk Area) 3 in² / TA_r
7. Replacement Tree Cost \$ 205
(see Regional Information to use Cost selected)
8. Installation Cost \$ 308
9. Installed Tree Cost (#7 + #8) \$ 513
10. Unit Tree Cost \$ 73.28 per in²

Calculations by Appraiser using Field and Regional Information

11. Appraised Trunk Area (ATA_A Per Tables 4.4-4.7) 7 in²
12. Appraised Tree Trunk Increase (TA_{INCR}) = _____ in.
ATA 7 in² (#11) - TA_r 3 in² (#6) = 4 in²
13. Basic Tree Cost = TA_{INCR} (#12) 4 in² x Unit Tree Cost (#10)
\$ 73.28 per in² + Installed Tree Cost (#9) \$ 513 = \$ 806.12
14. Appraised Value = Basic Tree Cost (#13) \$ 806.12 x Species rating (#5)
90 % x Condition (#2) 65 % x Location (#4) 90 % =
\$ 424
15. If the Appraised Value is \$5,000 or more, round to the nearest \$100,
if it is less, then round to the nearest \$10
16. Appraised Value = (#14) \$ 424