



D-Calc™ Pole Damage Analysis Software

D-Calc™ provides pole groundline inspectors and engineers a tool to quickly and accurately evaluate the effect of damage or decay on a pole's strength. Traditional methods determined pole adequacy based on average remaining shell thickness or reduced circumference measurements. D-Calc™ allows the user to input pole properties and "draw" a true representation of the observed damage, which it then uses to calculate the percent remaining strength.

BENEFITS

- Objective pole maintenance recommendations
- Quantifiable approach
- Auditable approach

FEATURES

- Simple Data Entry
- Optimized for Pen Computers
- Graphical Display of Damage
- Analysis of irregularly shaped and multiple concurrent damage
- Built in ANSI 05.1* Reference Tables

OUTPUTS

- Percent remaining strength based on user-defined modulus of rupture (MOR)
- Pole properties including section modulus, moment of inertia and area
- Results based on actual measured pole dimensions and minimum ANSI class dimensions to account for pole oversize



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* ANSI O5.1 is the American National Standards Institute standard for wood poles. References to the ANSI O5.1 in D-Calc™ are reproduced with the permission of ANSI. The standard may be purchased from the ANSI at 11 West 42nd Street, New York, New York 10036.