

Tree Management and GIS within the field

Micky Seaton

Arboriculturalist – Connick Tree Care





The Initial problem

- Duty of care
- Change of legalisation
 - Corporate manslaughter and corporate homicide ACT - 2007
- Knowledge of your tree portfolio
- Control of budget issues
- Being proactive



Identifying a Solution

- Choosing to use GIS to survey trees
- Trimble / sub-meterage GPS enabled Handheld PDA
- Design and creation of an appropriate and simple database
- Important for client to understand what trees are in high, medium or low risk areas



Initial Set up

- Equipment setup
 - Designing the data capture to suit the needs of the survey
 - Database design
 - Loading OS and Saxon Weald Map Data



Surveying

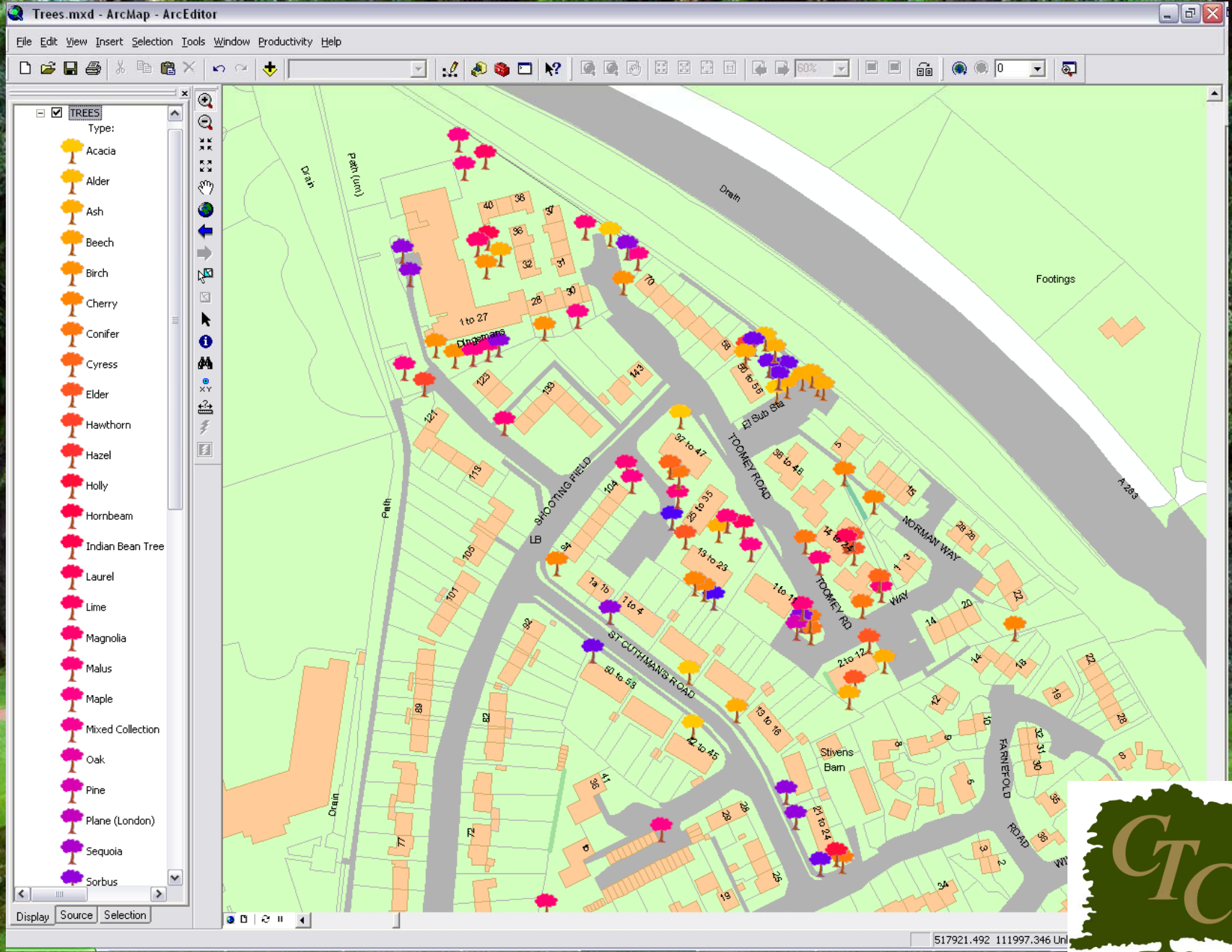
- Methodical approach
 - Split into appropriate areas and creating maps
- Visiting each scheme and capturing data in the field

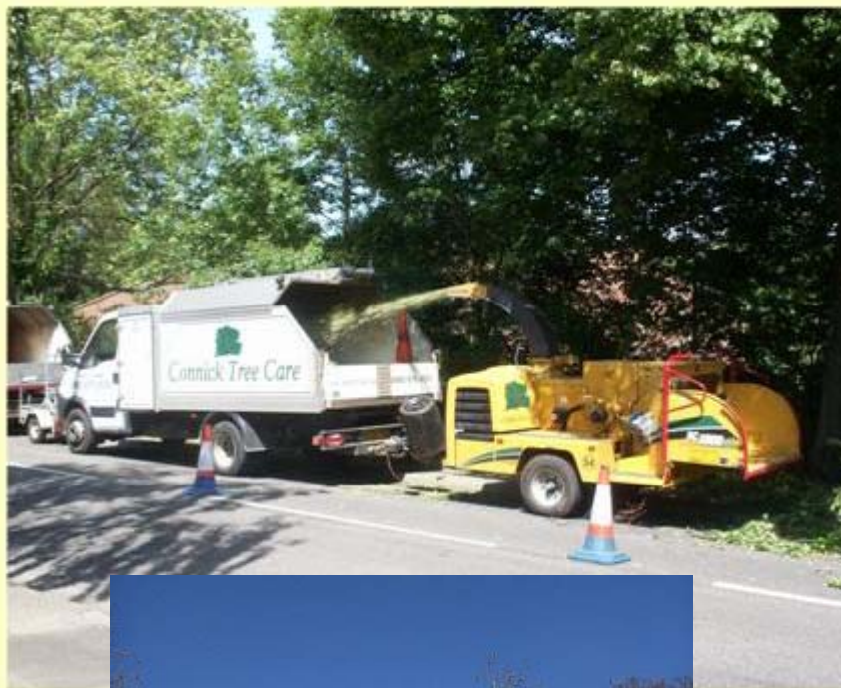


Results

- Comprehensive knowledge of tree portfolio
- Mitigation of risk
- Detailed report of works required divided into high, medium and low risk
- Schedule of rates (Matrix)
- Instantly extrapolate the costs involved
- Creation of Programme of works









Questions?

