Milford GIS Workshop
Data Collection

Milford Trees Inc.
Milford Tree Commission
Mary Ludwig

February 14, 2003
Who collected data?

Community volunteers

Organized by Milford Trees Inc.

&

Milford Tree Commission
Why was data collected?

- Manage & maintain urban forest
- Facilitate tree replacement program
- Promote species diversity
- Know tree location for disease treatment
- Establish value of City trees
- Integrate City Department activities
- Education and outreach programs
When was data collected?

- Late spring, summer, early fall
- Decent weather
- Foliage on trees
- 2 ½ years in field
Type of information recorded

- Tree ID number & species code
- Diameter of tree
- Tree condition
- Planting location
- Conditions effecting growth, health, safety
- Maintenance needs
- Special comments
Location of data?

- Public streets
- Schools
- City parks
Creating GIS data

- Engineering topographic maps used to locate trees in the field.
- Each tree was placed on map with an associated tree ID.
- Engineering topographic maps created from original GIS data in 1996.
- Trees later transferred from topographic maps into GIS by MIS.
How was data entered?

- Formatted Excel spreadsheet
- Team of 8 data entry volunteers
- Data reviewed by Team Coordinator
- E-mail data to Management Information Systems
- 100 volunteer hours
Use GIS as management tool

- Integrates multiple types of information
- Provides details for infrastructure maintenance
- Saves time
- Saves money
- Saves manpower
- Enables information sharing