

The background of the slide is a vibrant green color with a pattern of stylized, overlapping leaves. The leaves are rendered in various shades of green, from light to dark, creating a sense of depth and texture. The overall aesthetic is clean and nature-oriented.

Intel 4-H GIS Tech Wizards Street Tree Inventory

Hillsboro, Oregon

Collecting data

- Using the ArcPad 7.0 software on the PDA we collect Street Tree data.
- Start at SW corner
- Collect data:
 - Tree Species
 - Height
 - Canopy
 - CBH
 - Etc.
- Take field notes



Editing

- Upload data
- We cross reference data to ensure accuracy
- We use editing to make sure the collected information is complete.
- We must make sure all the information is consistent and accurate.
- Missing data must be recollected.
- We must make sure trees are placed accurately in the map

Editing Cont.

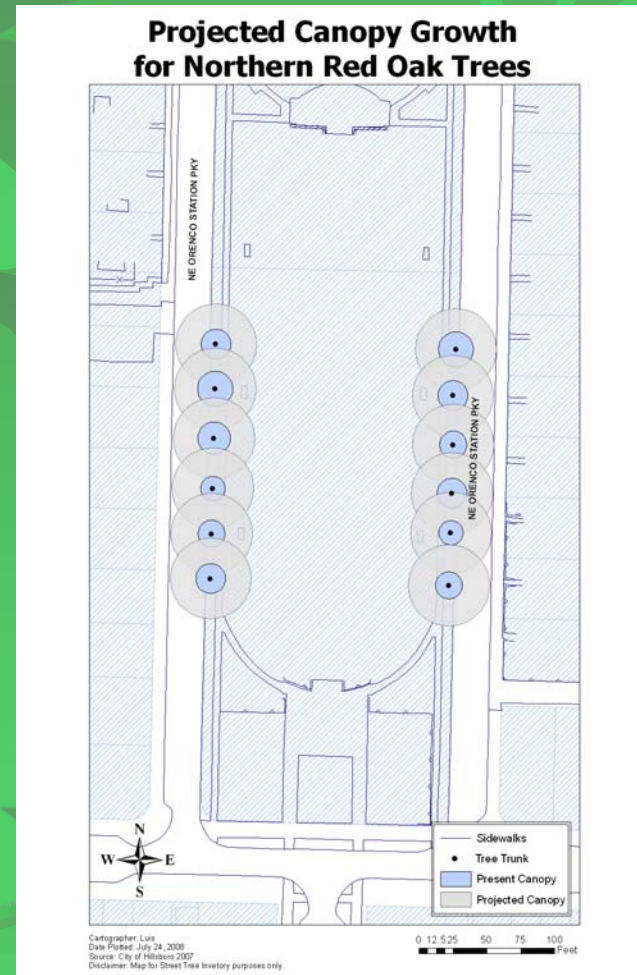
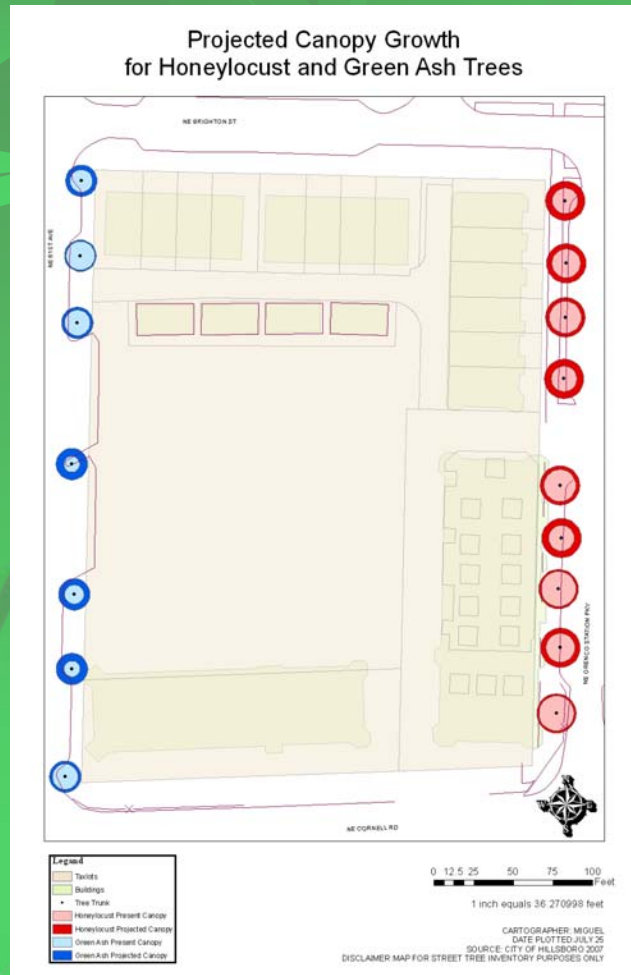


Cartographer: Luis
Date Plotted: July 3, 2008
Source: City of Hillsboro 2007
Disclaimer: Map for Street Tree Inventory purposes only



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Final Draft Maps



Analysis

- After all data was edited we wanted to further explore and analyze our data
- As a group we wanted to be able to predict the canopy of a tree.
- Canopy growth was important because it will effect both homeowners and the City of Hillsboro

Analysis

The image displays two overlapping screenshots of the ArcMap software interface. The top screenshot shows the 'Data' menu open, with 'Export Data...' selected. The bottom screenshot shows the 'Export Data' dialog box, where 'Selected features' is chosen for export, and the output is set to a shapefile named 'Export_Output.shp'. The background of the screenshots is a map showing a residential area with street names like 'MEDICINE SPRING' and house numbers such as 1459, 1460, 1461, 1458, 1457, 1456, 1455, 1454, 1453, 1452, 1451, 1450, 1322, 10934, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500. A red outline highlights a specific area on the map. The interface includes a menu bar (File, Edit, View, Insert, Selection, Tools, Window, Help), a toolbar, and a task pane on the left. A search box in the task pane contains the text '27a_2_edited'. A system tray notification at the bottom right reads: 'Bluetooth Hands-Free Not Configured. An application attempted to use Bluetooth Hands-Free. Click here to configure a hands-free device.'

Final Analysis

- Canopy conclusions
- Orenco Station as a great example of Street Tree development
- Information can be presented to the City of Hillsboro.

