

# **Future View**

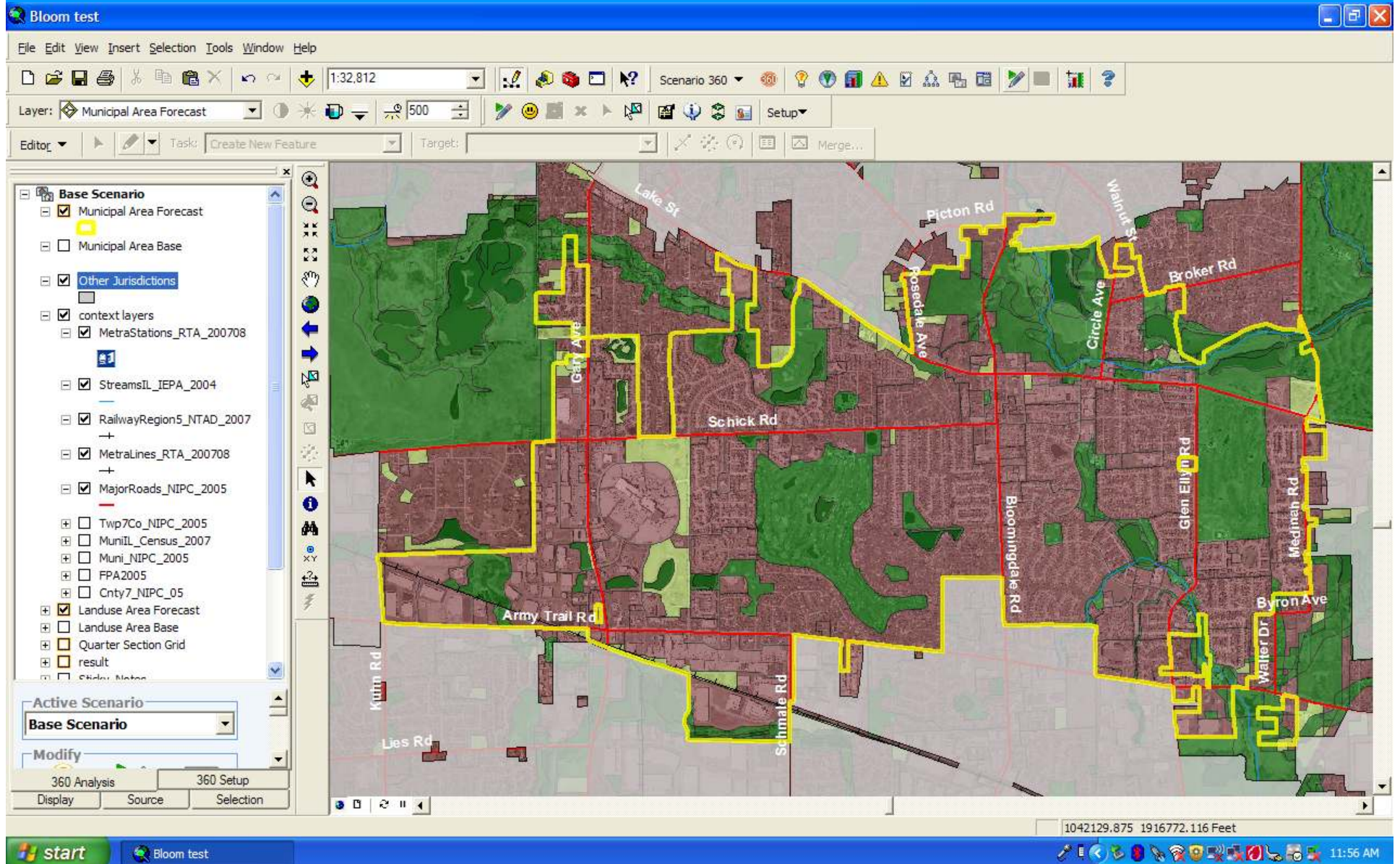
## **A Comprehensive Planning Support and Projections Tool**



# Objective of the Tool

- Collect data from local officials regarding expectations of future municipal growth out to 2040
- Support CMAP *GOTO 2040* comprehensive planning process
- Reflect demographic, economic and land use probabilities for a 7-county region with over 280 municipalities

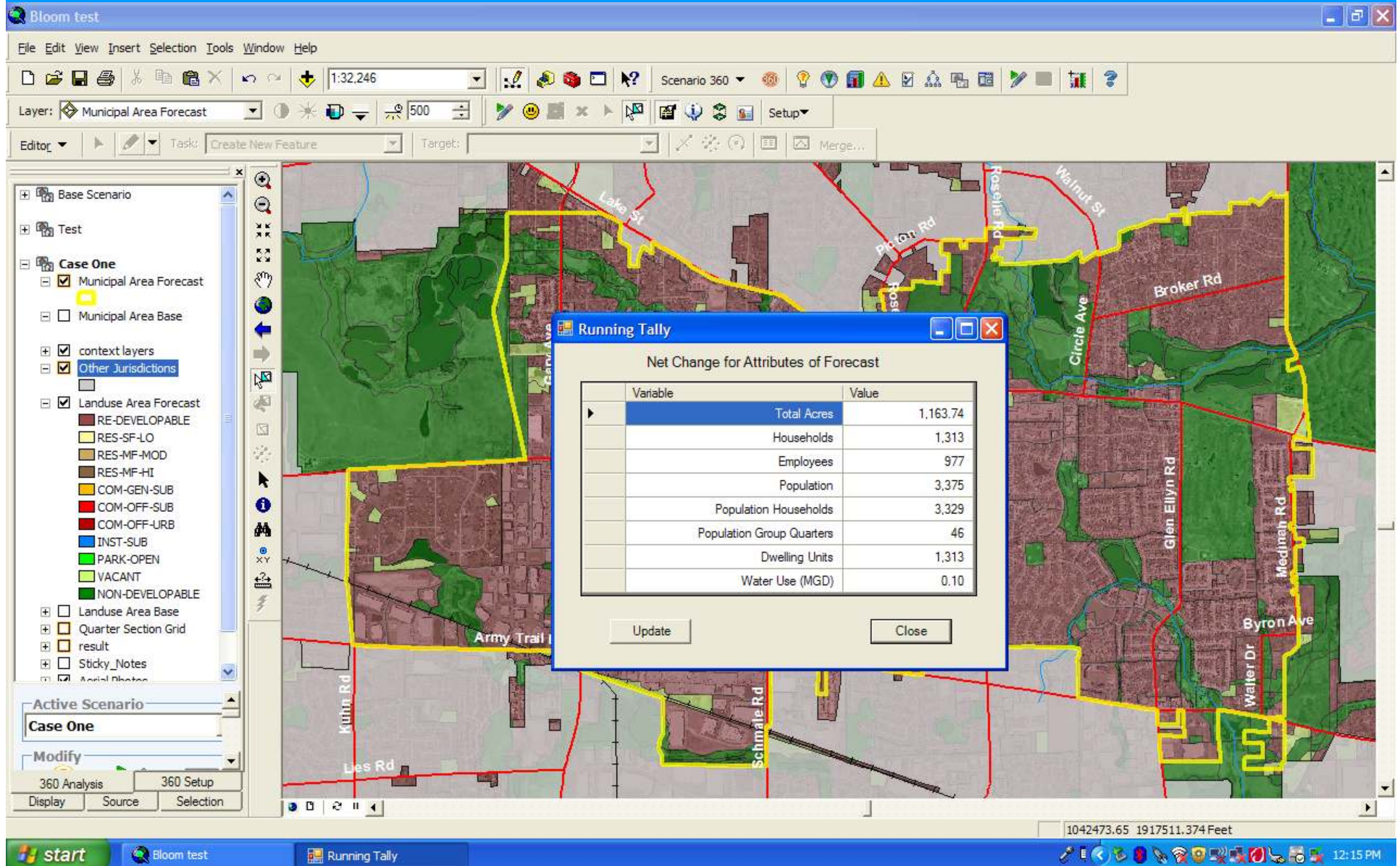
# Process brings together several geographic reference layers on a base of current aerial photography



# First task: Sketch your 2040 boundary using draw tool

The screenshot displays the 'Bloom test' software interface. The main window shows a map of a land use forecast for 'Case One'. The map is overlaid with a yellow boundary line, and several areas are highlighted in yellow. Three blue arrows point to these highlighted areas, with the text 'Boundary Changes' written in yellow across the map. The map includes various land use categories such as 'RE-DEVELOPABLE', 'RES-SF-LO', 'RES-MF-MOD', 'RES-MF-HI', 'COM-GEN-SUB', 'COM-OFF-SUB', 'COM-OFF-URB', 'INST-SUB', 'PARK-OPEN', 'VACANT', and 'NON-DEVELOPABLE'. The map also shows several roads, including Lake St, Schick Rd, Army Trail Rd, Schmale Rd, Lies Rd, Kuhn Rd, Gary Ave, Pickett Rd, Rosedale Ave, Roselle Rd, Walnut St, Bloomington Rd, Broker Rd, Glen Ellyn Rd, Medinah Rd, Byron Ave, and Walter Dr. The software interface includes a menu bar (File, Edit, View, Insert, Selection, Tools, Window, Help), a toolbar, and a legend panel on the left. The legend panel shows the 'Active Scenario' as 'Case One' and lists the land use categories with their corresponding colors. The status bar at the bottom shows the coordinates '1038274.951 1917147.486 Feet' and the time '12:05 PM'.

# Determine what has been added to base population, households and employment through boundary expansions alone



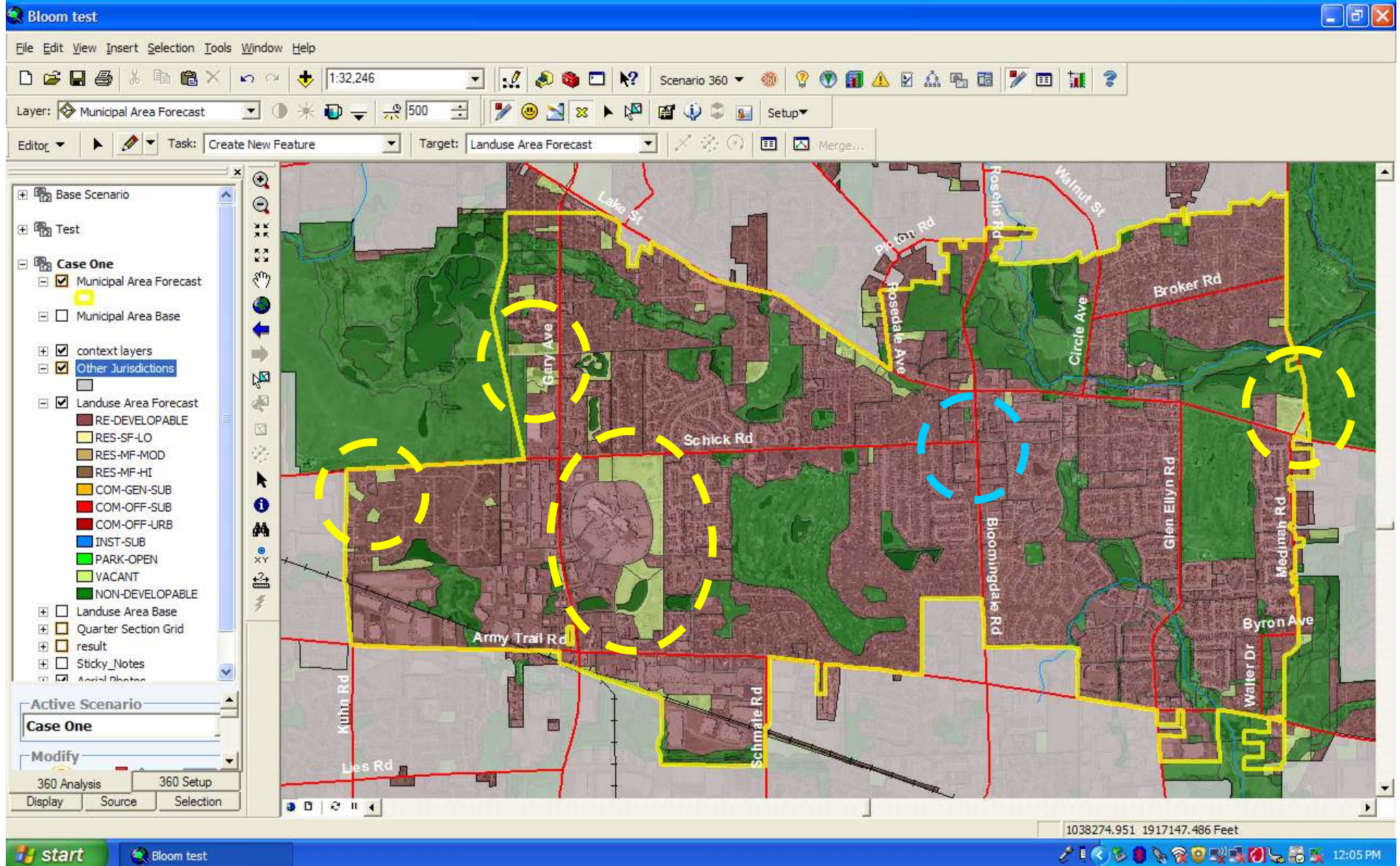
In the next step, before we get your “Future View”,  
a change in assumptions may be in order

The screenshot displays the Bloom test software interface. The main window shows a map with various streets and a yellow boundary. An 'Assumptions' dialog box is open, displaying the following data:

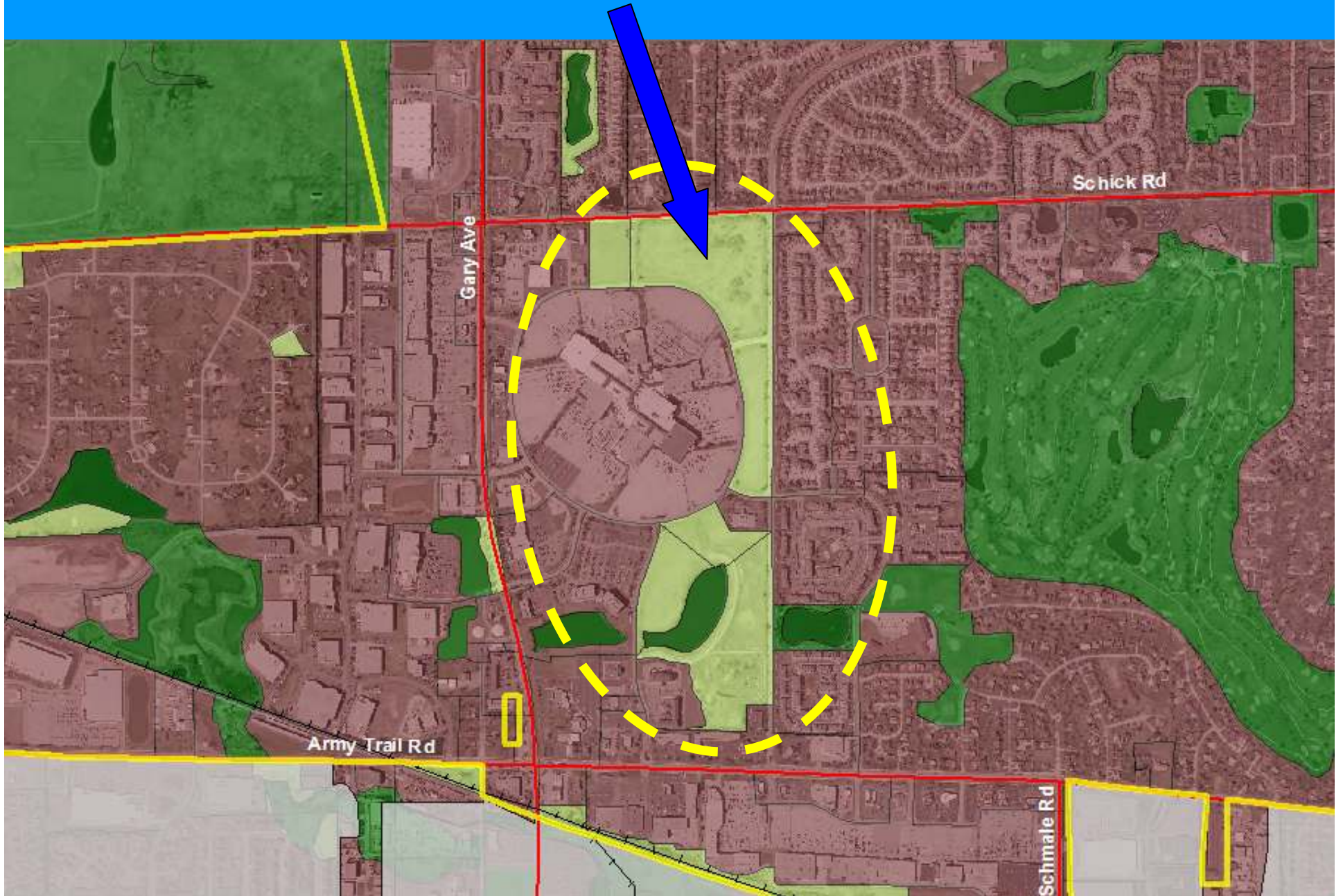
Scenario	Graphical	Tabular
Active (Case One)		
Forecast GQ Occupancy Growth	-0.20 (-20%)   0.0   0.20 (+20%)	0.00
Forecast Household Size	0.00   2.5356   5.00	2.7115 people per household
Forecast Vacancy Rate	-0.20 (-20%)   0.0   +0.20 (+20%)	0.0015
Water Use per Household	5000   28000   50000	28,000 gal per hh per yr

The left sidebar contains several sections: 'Active Scenario' (Case One), 'Modify' (Assumptions, Start Edit, Attributes), 'Visualize' (Reports, Diagram, 3D), and 'Present' (Compare Scenarios, Saved Views). A yellow starburst with the word 'Click' and a blue arrow points to the 'Assumptions' button in the 'Modify' section. The bottom status bar shows the coordinates 1048575.759 1917315.434 Feet and the time 12:33 PM.

We then choose those areas likely to be developed or redeveloped by 2040



What will this area become by 2040?



Select future land use and associated density from a palette of choices... in this case mixed-use

The screenshot displays a GIS application window titled "Bloom test". The interface includes a menu bar (File, Edit, View, Insert, Selection, Tools, Window, Help), a toolbar with various icons, and a status bar at the bottom. The main map area shows a land use forecast with various colored zones. A yellow rectangle highlights a specific area on the map. A "Paint Tools" dialog box is open, showing a list of land use options under the "Mixed" palette. The selected option is "Mixed Use-75% Residential / 25% commercial", which is accompanied by a photograph of a modern multi-story building. The dialog box also includes "Add New" and "Close" buttons. The map shows streets labeled "Gary Ave", "Army Trail Rd", and "Schmale Rd". The status bar at the bottom indicates coordinates "1050144.661 1926073.37 Feet" and the time "12:50 PM".

Layer: Municipal Area Forecast

Editor: Create New Feature Target: Landuse Area Forecast

Base Scenario

Test

Case One

- Municipal Area Forecast
- Municipal Area Base
- context layers
- Other Jurisdictions
- Landuse Area Forecast
  - RE-DEVELOPABLE
  - RES-SF-LO
  - RES-MF-MOD
  - RES-MF-HI
  - COM-GEN-SUB
  - COM-OFF-SUB
  - COM-OFF-URB
  - INST-SUB
  - PARK-OPEN
  - VACANT
  - NON-DEVELOPABLE
- Landuse Area Base
- Quarter Section Grid
- result
- Sticky\_Notes
- Aerial Photos

Active Scenario: Case One

Modify: 360 Analysis 360 Setup

Display Source Selection

Paint Tools

Palette Name: Mixed

- Mixed Use-75% Commercial
- Mixed Use-95% Institutional
- Mixed Use-80% Office\_Industrial
- Mixed Use-50% Residential
- Mixed Use-20% Residential / 80% commercial
- Mixed-use retail/office suburban density (42.2)

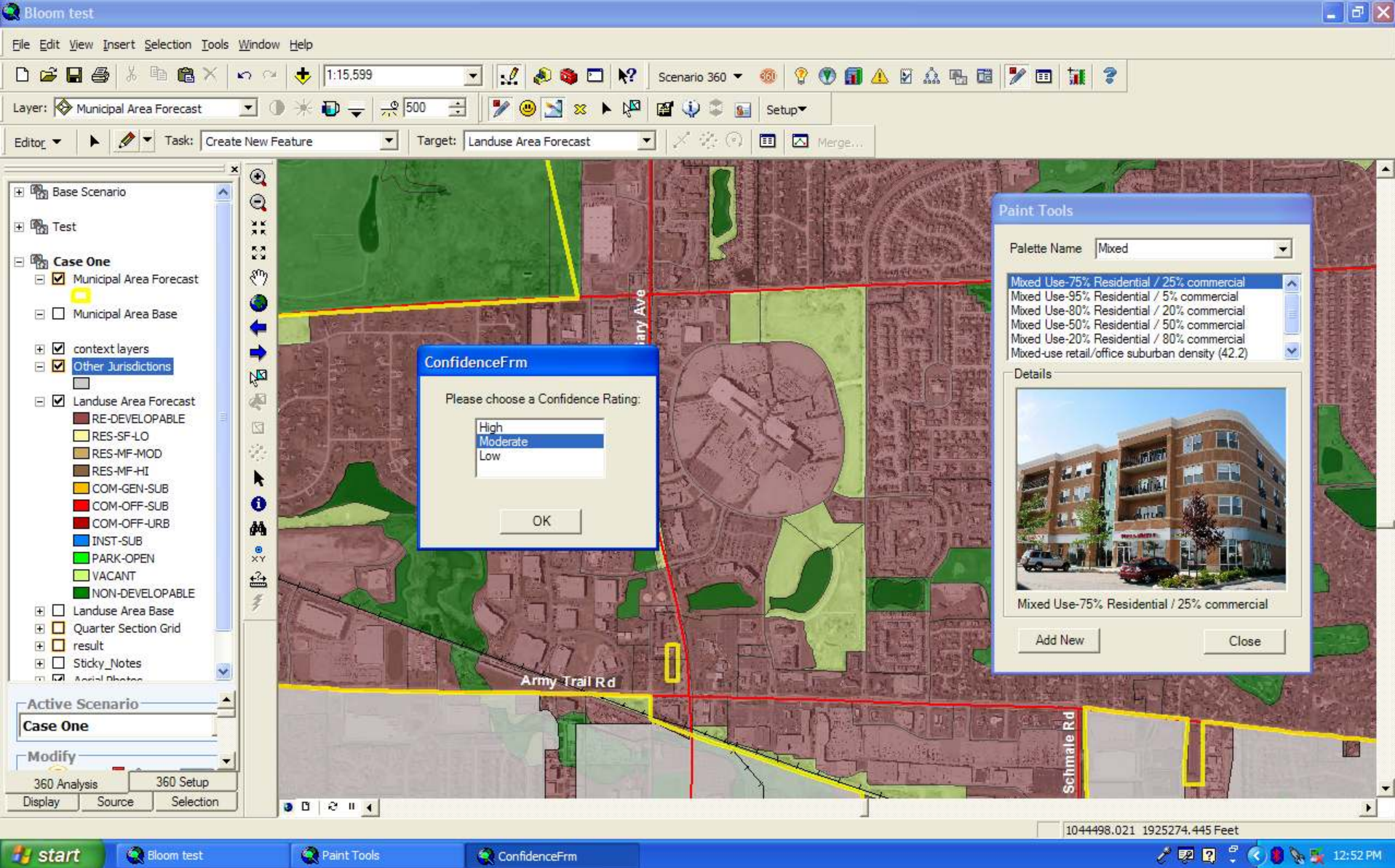
Details

Mixed Use-75% Residential / 25% commercial

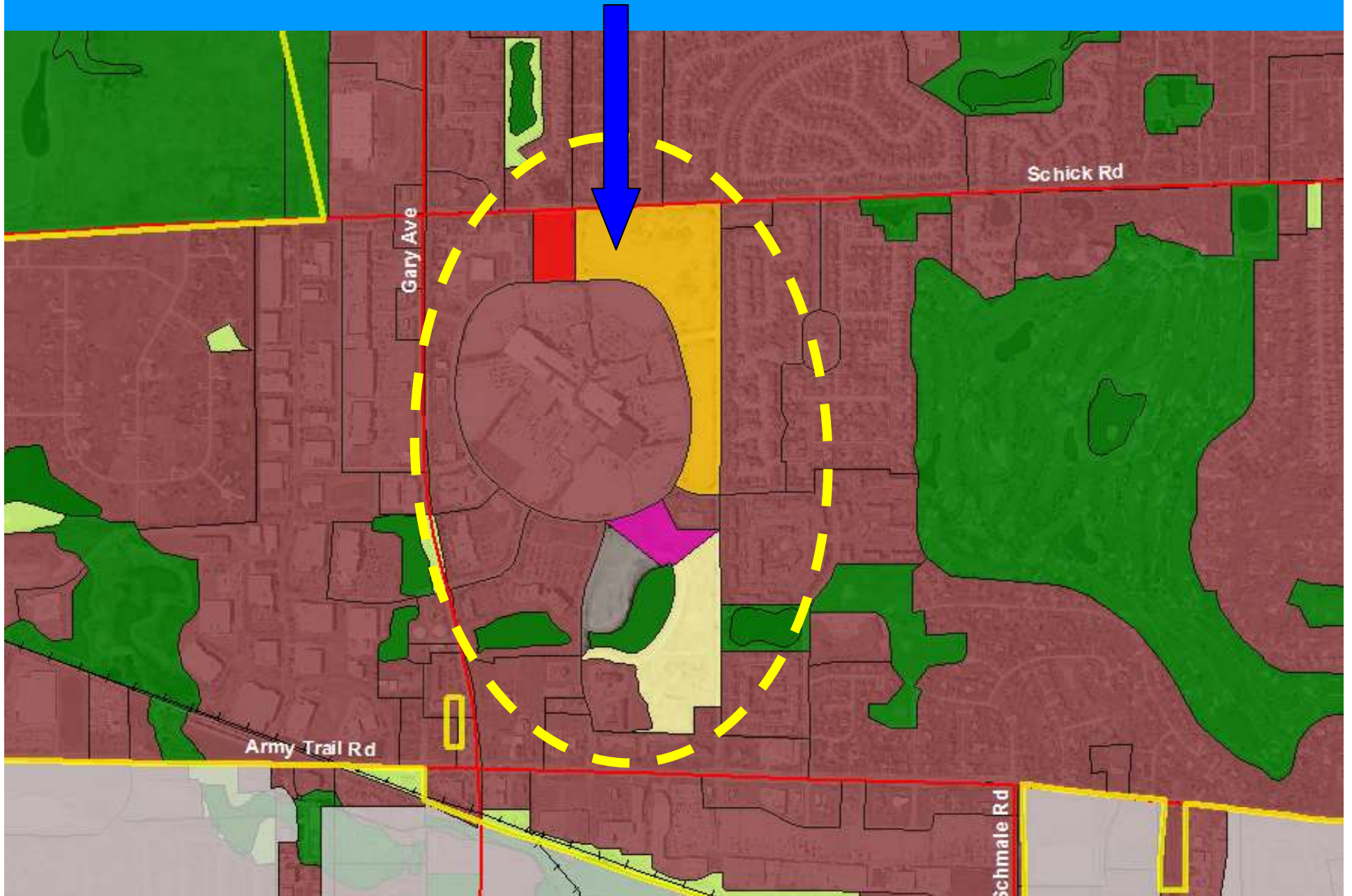
Add New Close

1050144.661 1926073.37 Feet 12:50 PM

# Assign a confidence rating



... and view your town's future land use



# Finally, calculate a projection for your view of 2040 and assess its impacts

The screenshot displays the Bloom test software interface. The main window shows a map of a municipal area with various land use zones. A yellow boundary outlines a specific area of interest. A 'Forecast Summary' window is open, displaying a table of projected values for 'Case One' in 2040. The table includes variables such as Total Acres, Households, Employees, Population, and Water Use, with columns for Base, Growth, and Forecast values.

**Forecast Summary for 'Case One'**

Variable	Base	Growth	Forecast
Total Acres	4,511.79	1,163.74	5,675.53
Households	8,159	1,387	9,546
Employees	14,777	2,232	17,008
Population	21,383	3,652	25,036
Population Households	20,687	3,607	24,294
Population Group Quarters	696	46	742
Dwelling Units	8,159	1,388	9,546
Water Use (MGD)	0.63	0.11	0.73

The interface also shows a legend for land use categories, an active scenario of 'Case One', and various toolbars for editing and visualization.