

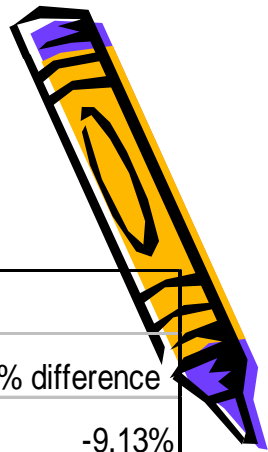


GIS IN REDISTRICTING

City of Ithaca/ County of Tompkins

R. Aslanis- City GIS Manager
November 16, 2011



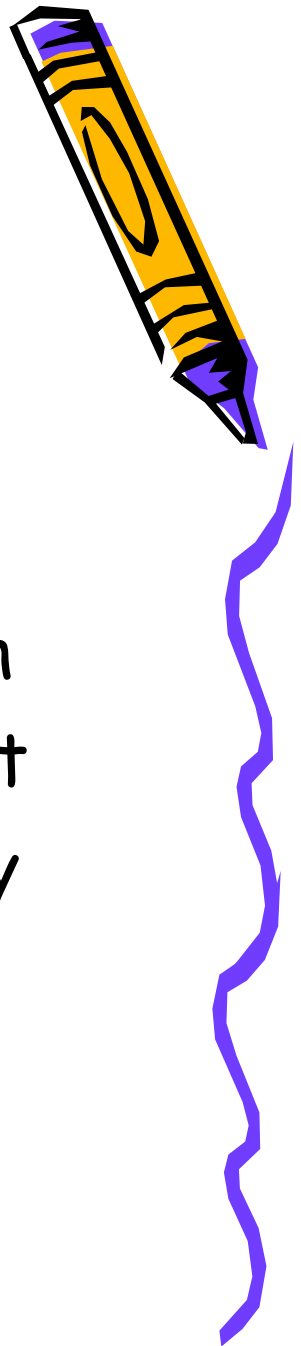


2000				2010			
Ward	Population	Amt diff from 1/5	% difference	Ward	Population	Amt diff from 1/5	% difference
Ward 1	5423	-332	-5.77%	Ward 1	5455	-547.8	-9.13%
Ward 2	6110	355	6.17%	Ward 2	6483	480.2	8.00%
Ward 3	5551	-204	-3.54%	Ward 3	6338	335.2	5.58%
Ward 4	6242	487	8.46%	Ward 4	6473	470.2	7.83%
Ward 5	5449	-306	-5.32%	Ward 5	5265	-737.8	-12.29%
All City	28775			All City	30014		
Total/5	5755			Total/5	6002.8		
City population increase 2000-2010							
1239							

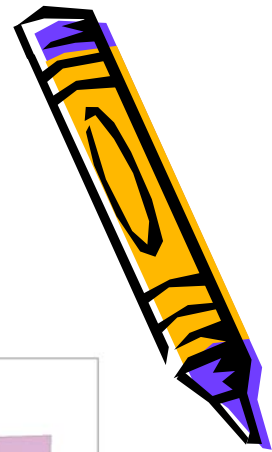


City Committee

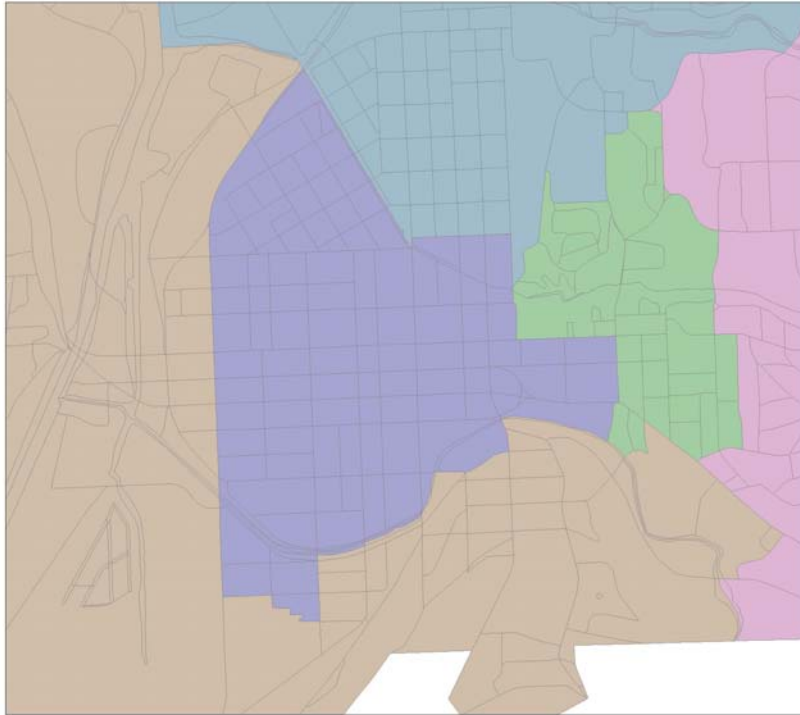
- Balancing population
- Number of wards
- Number of reps - area, at-large or both
- Neighborhoods/Communities of interest
- Whether to stay coincident with County districts



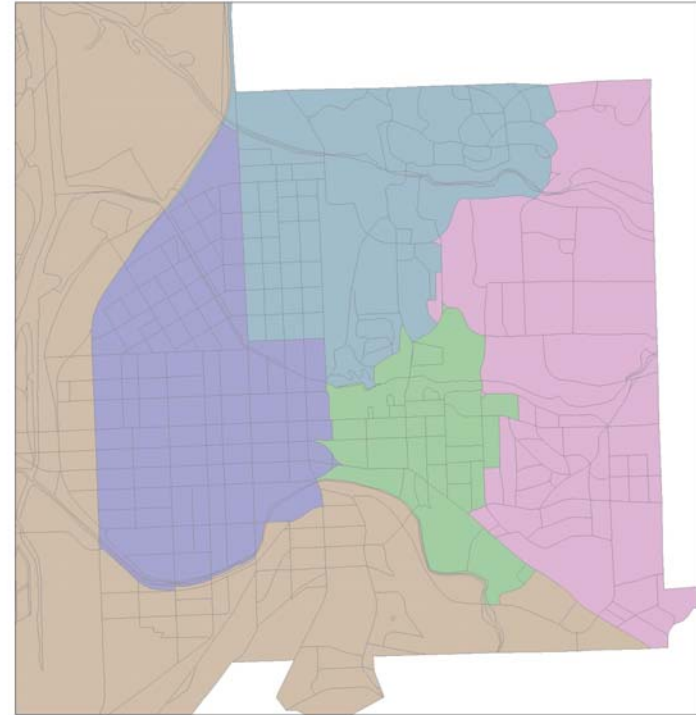
INPUT from stakeholders leads to MAPPING/ANALYSIS



5 Ward Test with Minimal Adjustment -Alternate



5 Ward Test with Collegetown Based Ward 4



NY State Plane, Central GRS 80 Datum
Map Source: Tompkins County Digital Planimetric Map 1991-2011
Data Source: City of Ithaca GIS Program, US Census 2010 Redistricting Release
Map Prepared by: GIS Program, City of Ithaca, NY, November 2011



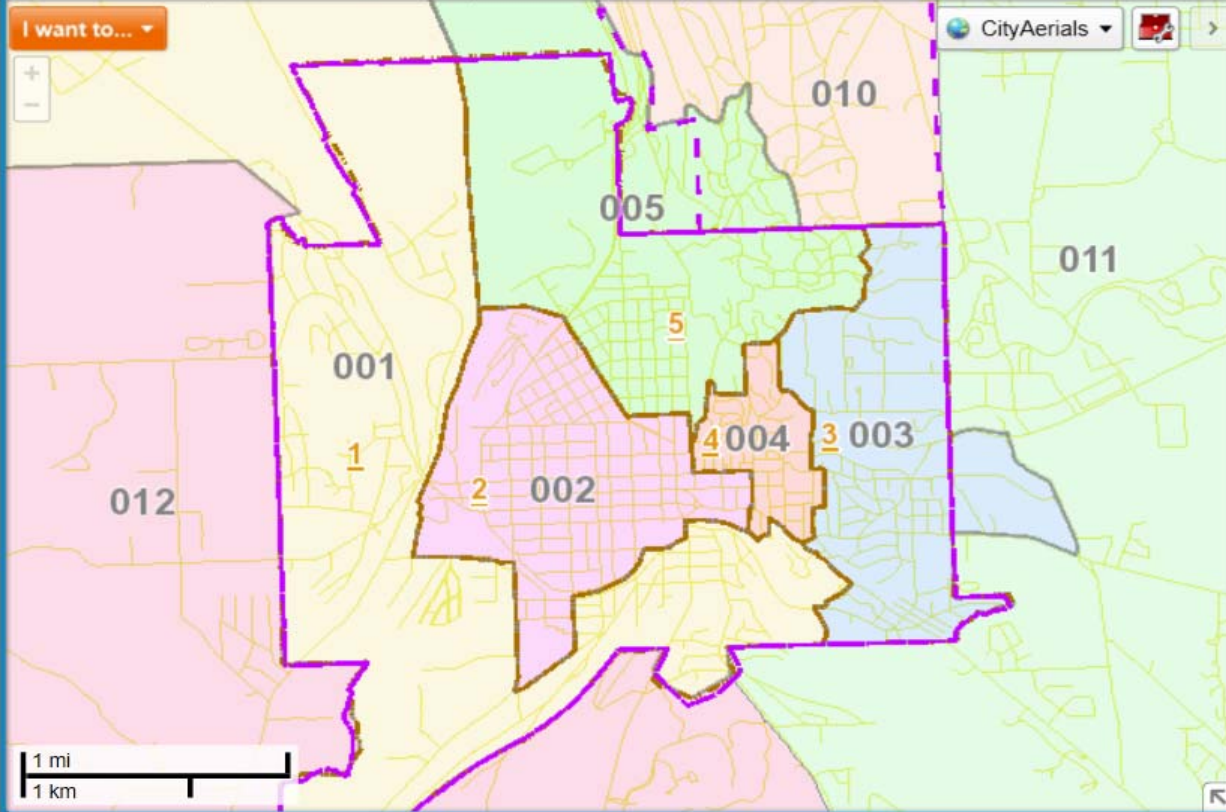
Show Layers Add Map Layer Map Layers

Enable Map Tips

Configure Layers

Bing Google

3rd Party Web Maps



Map Layers

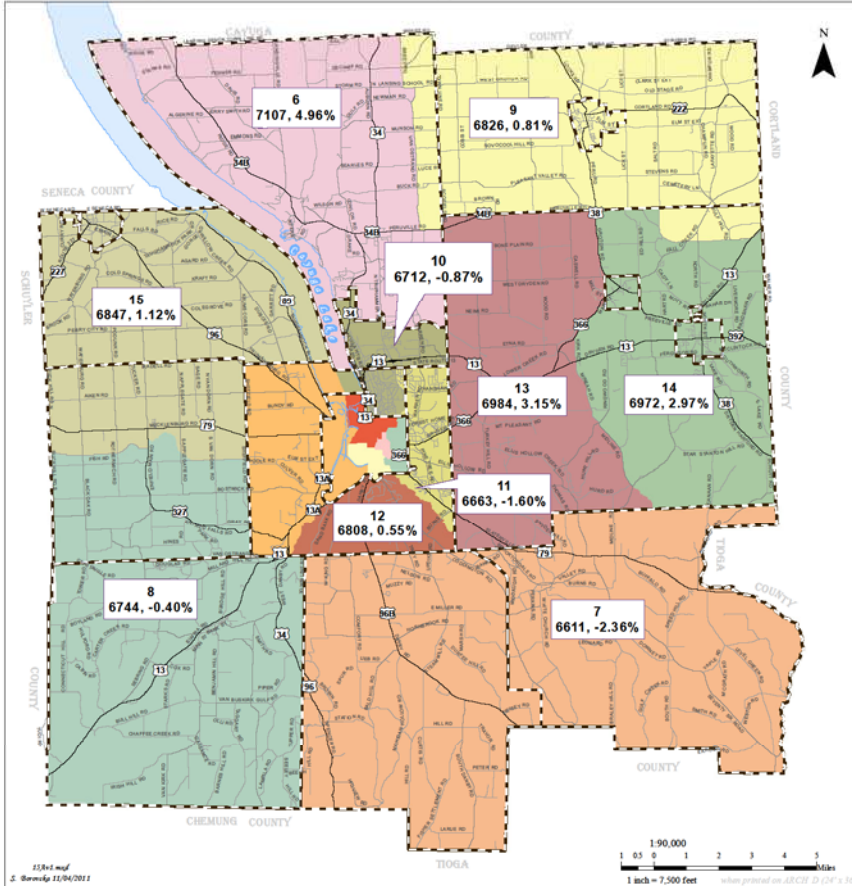
Operational Layers

- CityRedistView
 - Municipal Boundary
 - Ward 2002
 - 2010 Census Block Count Labels
 - 2010 Census Block
 - Building
 - Civic Associations 2000
 - HistoricDistricts
 - Working2010
 - County Legislative District
 - City Block 2000 Count Labels
 - 2000 City Block
 - Road Names
 - Roads
 - Road Names County

Show Legend Filter

Tompkins County Redistricting

Scenario 15 A - v.1



Legend

— Municipal Boundary

Legislative Election Districts

- 001
- 002
- 003
- 004
- 005
- 006
- 007
- 008
- 009
- 010
- 011
- 012
- 013
- 014
- 015

Total Deviation 8.21 %
Ideal Population - 15 Legislative Districts
 6771 Per District, 2010

Leg. Dist. No. 3
 Census 2010 **6218, -3.35%** Deviation from Ideal for 2010

Calculations based on Tompkins County 2010 population total of 101,564 as reported by the U.S. Census Bureau.

Tompkins County GIS Division / ITS
www.tompkins-co.org/gis

