

MetroGIS update

Councilmember Pistilli

April 9, 2008

MetroGIS's Mission

“Expand stakeholders' capacity to address shared geographic information technology needs through a collaboration of organizations that serve the Twin Cities metropolitan area”



Stakeholder Interests

④ Core: Local and Regional Government Entities

④ Partner Interests :

- State and federal government
- Non-profits
- For-profits
- Academics
- Utilities

Characteristics

- ⊕ Voluntary Participation
- ⊕ No Legal Standing:
 - Stakeholders carry out functions
 - Stakeholders provide support
- ⊕ Policy Makers Set Policy
- ⊕ Stakeholders Realize Benefits

Organizational Structure

- ③ Policy Board – 12 policy makers, core stakeholder interests
- ③ Coordinating Committee – 24 managers, all stakeholder interests
- ③ Technical Advisory Team
- ③ Task-Specific Workgroups

Outcomes Sought

- ④ Reduce Redundancies
- ④ Improve Service Delivery
- ④ Resolve Real World Problems
- ④ Catalyst for Statewide Collaboration

Council's Roles

(since 1996)

- ③ Support “Foster Collaboration” Function
- ③ Serve As One Of Several Data Custodians
- ③ Host DataFinder (www.datafinder.org)

Council Reaffirmation of Value - *June 28, 2006*

Findings of Program Evaluation:

- ⊕ Most cost-effective way to obtain data
- ⊕ Effective means to address shared information needs
- ⊕ Six-fold Council investment return

Examples: Cost Effectiveness

Indianapolis: Regional Parcel Dataset:

- ⊕ \$30 million to develop (over 4 years)
- ⊕ \$400,000 / year to operation & maintain

MetroGIS: Parcels Plus Much More:

- ⊕ \$2.7 million (over 12 years)
- ⊕ Average \$188,500 / year last five years

Examples: Cost Effectiveness

More Decision Support Resources:

- ⊕ Typical GIS Operation:
 - 15 percent decision support
 - 75 percent data cost
- ⊕ Council GIS Operation - With MetroGIS
 - 30 percent decision support
 - 55 percent data cost (including MetroGIS)

Other Organizations' GIS Costs

75% Data Development

10% Technology

15% Applications, Product Support

Other Organizations' GIS Costs

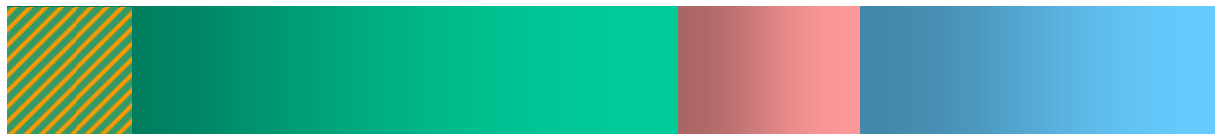


75% Data Development

10% Technology

15% Applications, Product Support

Metro Council GIS Costs



55% Data Development (including MetroGIS)

15% Technology, Overhead

30% Applications, Product Support

10% MetroGIS Coordination

Importance to Council

③ Use of Data Produced by Others:

- 40 % used as received
- 34 % developed using shared data
74%

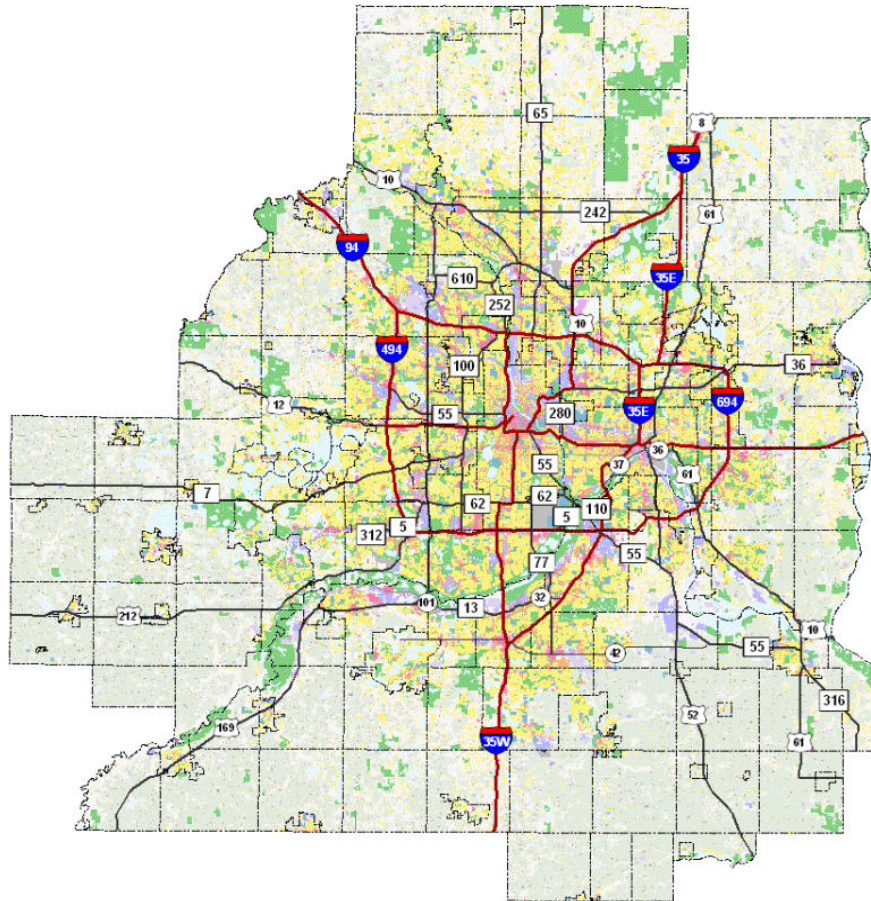
③ Leverage Resources and Knowledge



Map Legend

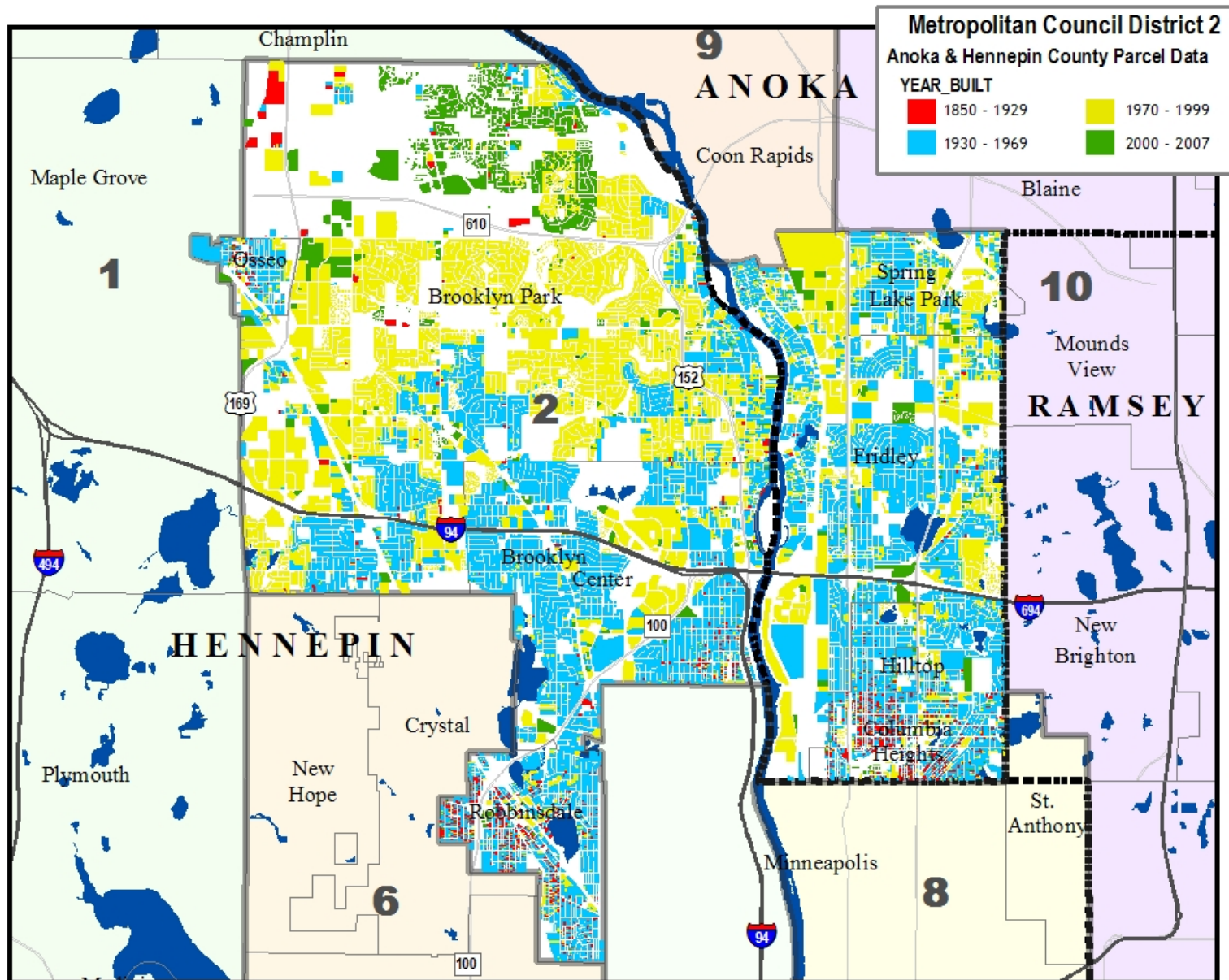
[View Layers](#)

- Municipal Boundary
- County Road
- Interstate
- State Highway
- US Highway
- 2005 Land Use**
- **Single Family Residential**
 - Farmstead
 - Seasonal/Vacation
 - Single Family Detached
 - Manufactured Housing Park
- **Multifamily Residential**
 - Single Family Attached
 - Multifamily
- **Office**
 - Retail and Other Commercial
- **Mixed Use**
 - Mixed Use Residential
 - Mixed Use Industrial
 - Mixed Use Commercial and Other
- **Industrial and Utility**
 - Extractive
 - Institutional
 - Park, Recreational or Preserve
 - Golf Course
 - Major Highway
 - Railway
 - Airport
 - Agricultural
 - Undeveloped
 - Water



Metropolitan Council Web Map : Local Roads © The Lawrence Group, 2007





What's new *since 2006*

⊕ Major New Initiatives:

- Collar county involvement
- Private sector involvement
- Sharing applications

What's new *since 2006*

- ⊕ Improved Knowledge of Changes in Land Development
- ⊕ New “View-only” Web License
- ⊕ \$50,000 Emergency Preparedness Grant

What's new *since 2006*

- ⊕ Recognition in new Urban Land Institute Study – *Transforming Community Development with Land Information Systems*
- ⊕ “Regional perspective” on new National Geospatial Advisory Committee (NGAC)

Immediate Next steps

- ③ Define shared application opportunities
- ③ Sustain accomplishments



Handouts

⊕ June 2006 Council Resolution

http://www.metrogis.org/CDC_MC_Resolution_MetroGIS/0628_2006MCRes%2016_UNSIGNED_.pdf

⊕ Major Accomplishments

⊕ Business Plan (Executive Summary)

http://www.metrogis.org/about/business_planning/2008-2011_businessplan.pdf