



**Agenda**

**Thursday, July 31, 2008**

**MCIT Building**

**100 Empire Drive, St. Paul**

**Check posting in lobby for room assignment**

(See attached map & directions)

**1:00 to 3:00 PM**

**1. Call to Order, Welcome, Introductions**

**2. Approve Agenda**

**3. Approve Meeting Summary**

- a) 1:05 April 17, 2008 ..... all

**4. Items Requiring Action or Discussion:**

- a) 1:10 Three MetroGIS Regional Projects Approved..... Nancy Read
- b) 1:20 Geospatial Architecture Workgroup Formed..... Mark Kotz
- c) 1:25 Next Generation Parcel Data Sharing Agreement ..... Randy Johnson

**5. Project and Workgroup Reports**

- a) 1:35 MetroGIS Geocoder Update ..... Nancy Read
- b) 1:45 Address Workgroup Update ..... Mark Kotz
- c) 1:55 Parcel Point Data Synchronization Project..... Peter Henschel

**6. Technical Presentations & Demonstrations**

- a) 2:00 Web Application Development using ArcGIS Server 9.3, utilizing the REST and JavaScript API ..... Brian Fischer and Peter Henschel
- b) 2: 25 Dakota/Carver/Scott Collaboration Project ..... Mary Hagerman, Joshua Gumm

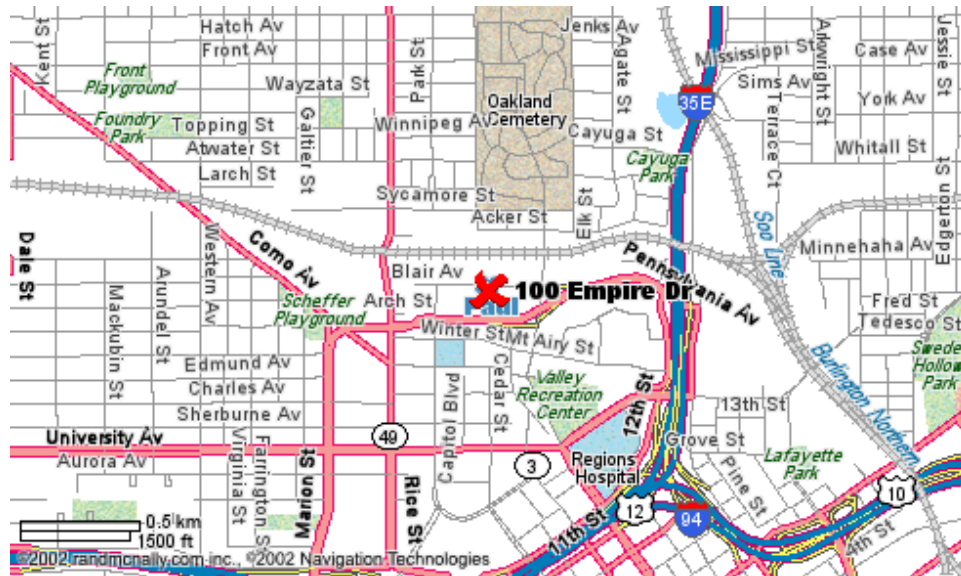
**7. Information Sharing**

- a) 2:50 Round Table Information Sharing
- b) Major MetroGIS Activity Update (see link to web site below)
- c) MetroGIS Information Sharing (see link to web site below)

**8. Adjourn    Next meeting is November 20, 2008, 1:00 pm**

## How to find the MCIT Building:

Located six blocks north of the Capitol Complex, just minutes from downtown.



**If you are traveling on I-94 eastbound** -- Exit at Marion Street. Turn Left. Stay on Marion Street past University Avenue and Como Avenue. Marion Street is now Pennsylvania Avenue. Stay on Pennsylvania Avenue past Rice Street and take the next left. This is Empire Drive. Come down the hill and take another left. You will drive straight into our lot. Parking is to the left.

**If you are traveling on I-94 westbound** -- Exit at Marion Street. Turn right. Stay on Marion Street past University Avenue and Como Avenue. Marion Street is now Pennsylvania Avenue. Stay on Pennsylvania Avenue past Rice Street and take the next left. This is Empire Drive. Come down the hill and take another left. You will drive straight into our lot. Parking is to the left.

**If you are traveling on I-35E Northbound** -- Exit at Kellogg Boulevard. Turn Left. Take a right on John Ireland Boulevard. Then take the next left onto Rice Street. Take Rice Street to Pennsylvania Avenue. Take a right. Take the first left onto Empire Drive. Come down the hill and take another left. You will drive straight into our lot. Parking is to the left.

**If you are traveling on I-35E Southbound** -- Exit at Pennsylvania Avenue and go right. Take the Jackson Street exit. At the stop sign go straight and you will be on Empire Drive. We are the last building back on Empire Drive. You will drive straight into our lot. Parking is to the left.

**See [www.mcit.org](http://www.mcit.org) for more information**

## 6. Technical Presentations

### 6a) Web Application Development using ArcGIS Server 9.3, utilizing the REST and JavaScript API

Carver County's GIS office has contracted with Houston Engineering Inc. and GeoDecisions to create a Parks and Trails Web Mapping Application. The application is being created to promote active living within Carver County by providing citizens with an interactive web map highlighting the County's parks and trails system. Since the application is being built for citizen use, the application design needs to be easy to use and have similar functionality as other popular internet mapping applications. A customized web interface was created based upon these design specifications.

The application was built using ArcGIS Server 9.3 technology, utilizing the new REST and JavaScript API. The application functionality includes address search with option to find all parks and trails within a specified distance. Other common tools include trail locator, map tips, measure, photo points and printing. The application uses tiled map caches for basemap layers to speed up performance at predefined scales, which is important to keep the user's attention. This presentation will focus on the experiences we gained in developing the application using ArcGIS Server 9.3. Topics will include targeted audience expectations, performance, customization, geoprocessing services and map caches. The application will also be demonstrated for attendees.

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### 6b) Dakota/Carver/Scott Collaboration Project

The mapping application is a collaborative effort on the part of Dakota, Carver and Scott Counties. The goal is to have a common web mapping interface for users and eliminate the need to learn a new application when working in different Counties. The new mapping application provides advanced functionality such as enhanced drawing tools, custom parcel buffer selection, custom themes for specific interests and more robust measuring/area calculation tools. In addition, internal County and City staff members have the ability to create custom mailing labels, select properties by specific parcel criteria and exporting their selection to an Excel spreadsheet for use in further analysis.

The collaboration advantage and benefits have essentially become a "win-win-win" situation. Dakota, Carver and Scott Counties are able to pool their resources and essentially triple their development capability by sharing code and knowledge. These collaborative efforts have opened the door for future initiatives by further bridging an invaluable relationship between the staff members at the three neighboring Counties.

Mary Hagerman, Dakota County

Joshua Gumm, Scott County

## 7. Information Sharing

### 7a) Round Table

### 7b) Major MetroGIS Activity Update

Updates on the following major MetroGIS activities can be found in the MetroGIS Policy Board meeting packet at [http://www.metrogis.org/teams/pb/meetings/08\\_0723/08\\_0723\\_packet.pdf](http://www.metrogis.org/teams/pb/meetings/08_0723/08_0723_packet.pdf) starting on page 34

- a) Technical Coordinator Position Update
- b) Addressing Shared Application Needs – Phase II
- c) Concept of Private Sector Coordination Committee Investigated
- d) Next-Generation Parcel Data Sharing Agreement
- e) Data Synchronization Mechanism – Carver County Project Lead
- f) Regional Geocoding Pilot Project - MMCD Project Lead
- g) Leadership Development Plan
- h) Modifications to Outreach Plan
- i) Priority Business Information Need Solutions and User Satisfaction Forum

### 7c) More information Sharing

Updates on the following information sharing topics can be found in the MetroGIS Policy Board meeting packet at [http://www.metrogis.org/teams/pb/meetings/08\\_0723/08\\_0723\\_packet.pdf](http://www.metrogis.org/teams/pb/meetings/08_0723/08_0723_packet.pdf) starting on page 49.

- a) National Geospatial Advisory Committee (NGAC) – June Meeting
- b) Newest Benefits Testimonial to MetroGIS's Efforts
- c) Presentations / Outreach / Studies
- d) Metro and State Geospatial Initiatives Update
- e) National/Federal Geospatial Initiatives Update
- f) June 2008 Coordinating Committee Meeting Summary