

GoSoutheastMN.com

**Southeast Minnesota Statewide Health
Improvement Program**

Online Interactive Mapping Application



Overview

- ☼ **Participants & Features**

- ☼ **Goal & Funding**

- ☼ **Existing Examples**

- ☼ **Data Collection**

- ☼ **Maintenance**

 - ☼ **Community Editor**

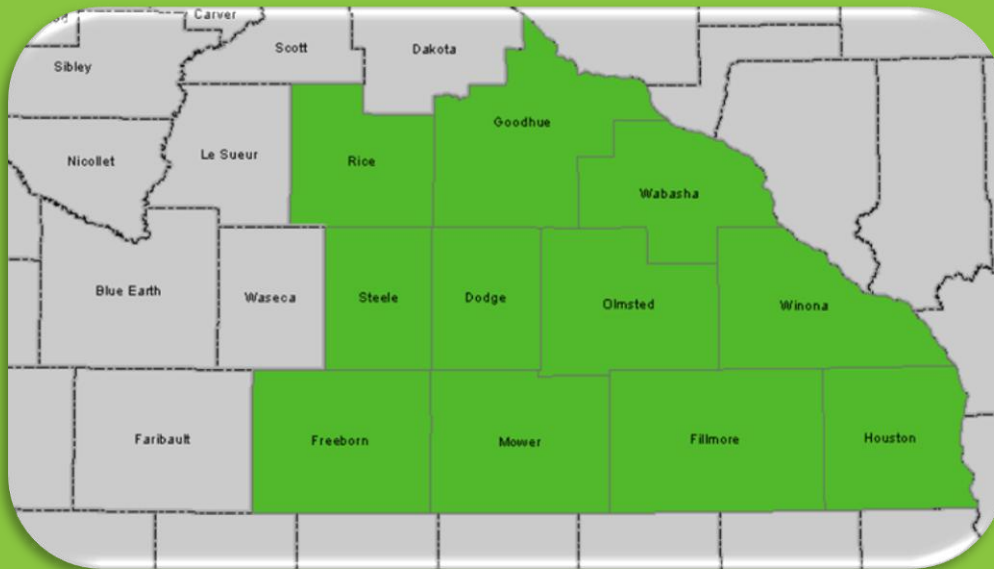
- ☼ **In The Works**

 - ☼ **Composite Geocoder**

- ☼ **Site Preview**

- ☼ **Closing Thoughts**

Participants



Features

Parks

Trails

Recreational Features

Healthy Eating

Transit



Goal

☼ **Reduce burden of chronic diseases by addressing:**

☼ **Physical inactivity**

☼ **Poor Nutrition**

☼ **Tobacco Use**

Funding

☼ **At the regional level:**

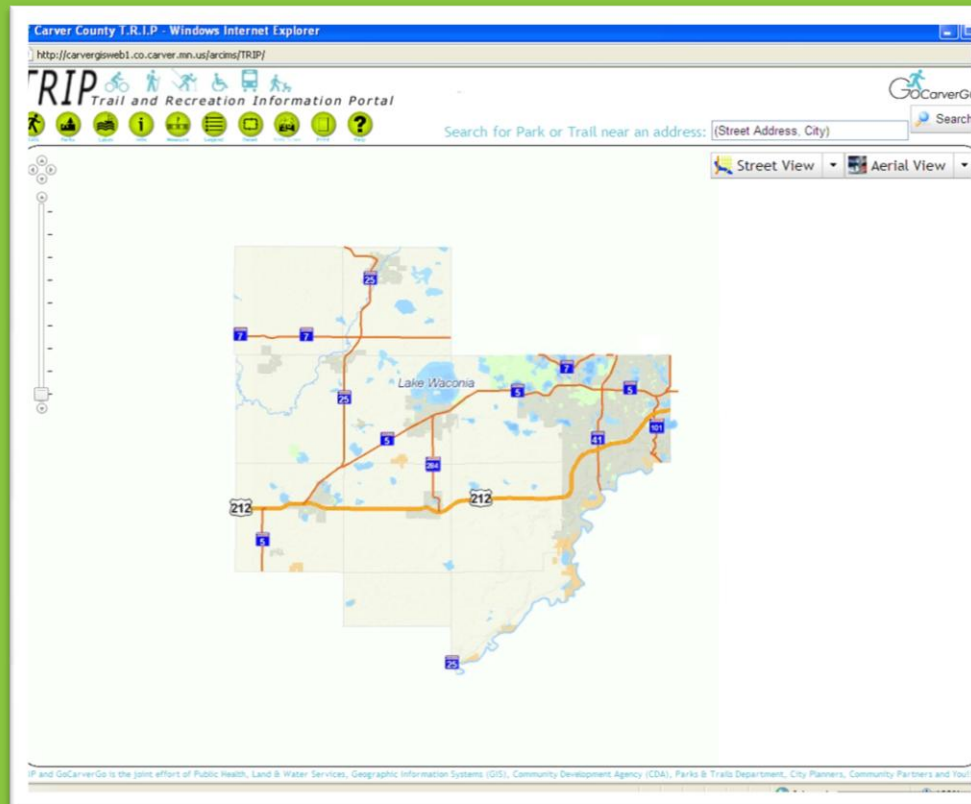
☼ **2010 Fiscal Year - \$1 million**

☼ **2011 Fiscal Year - \$1.7 million**

Existing Examples

☀ GoCarverGo Trip Application

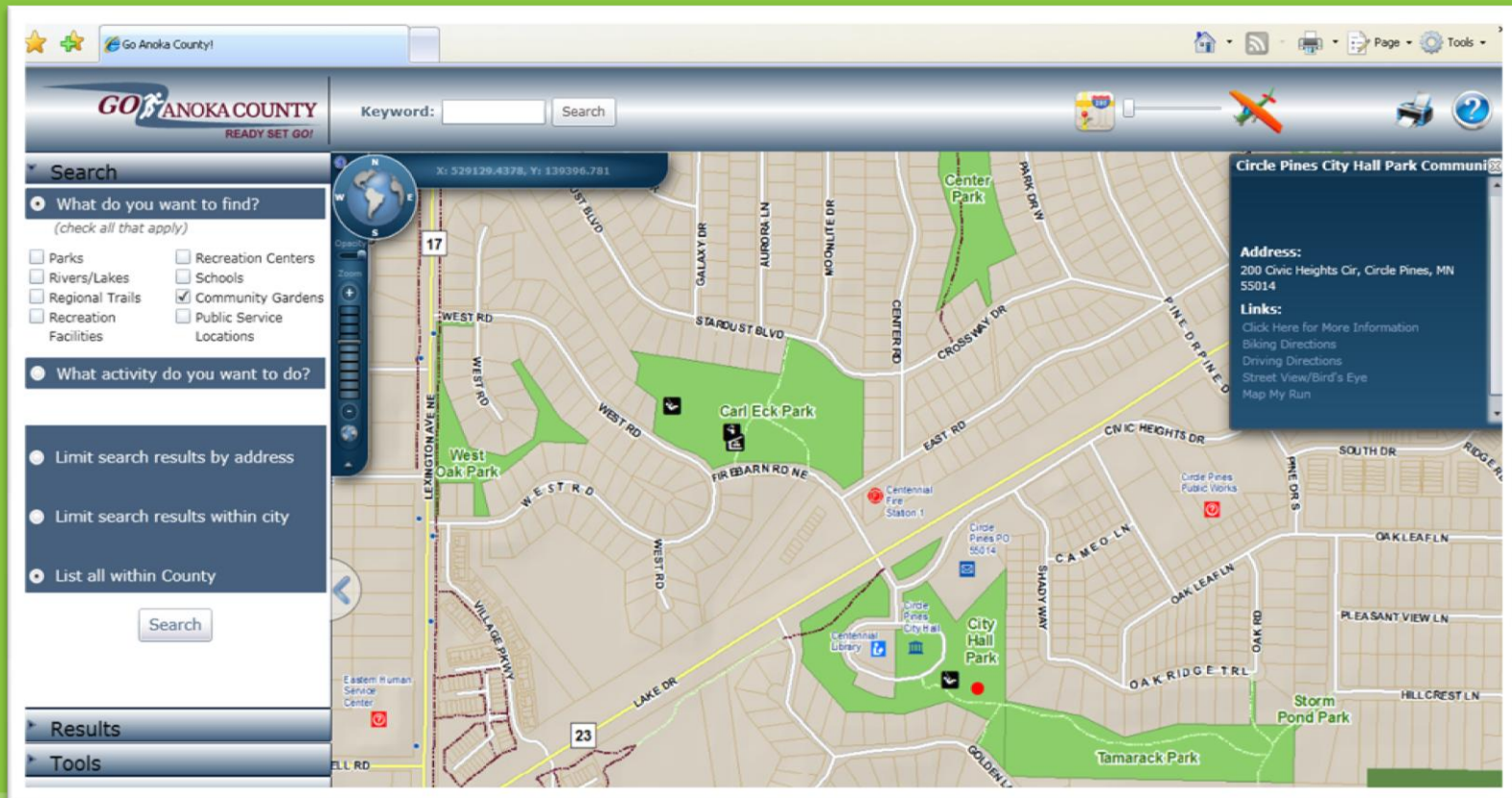
http://carvergisweb1.co.carver.mn.us/public_access/TRIP/launch.htm



Existing Examples

☀ GoAnokaCounty Application

<http://www.goanokacounty.org>



Data Collection

☀ Data is being collected through various resources:

- ☀ City Staff
- ☀ City Websites
- ☀ Aerial Photography
- ☀ Property Records
- ☀ DNR Data





Maintenance

- ⚙ **Winona County is Hosting the Application**

- ⚙ **What does that mean?**

- ⚙ **Winona County Responsible for managing and administering services, website, and application.**

- ⚙ **How are we going to edit all the data?**

- ⚙ **Community Editor**

- ⚙ **Collaboration with Counties**

- ⚙ **State Resources**

- ⚙ **Winona County GIS Staff**



Maintenance

⚙️ Options for updating data:

1. Geodatabase Replication (Checkout Subset Version)
2. County File GDB with all their data

Discussion: PROS/CONS other Options?

⚙️ Pros:

- ⚙️ **Replication:** *Flexibility in data distribution & timely data sharing.*
- ⚙️ **File GDB:** *More understanding of process for working with file GDB's*

⚙️ Cons:

- ⚙️ **Replication:** *Lack of understanding, additional admin responsibilities – Have to add Global ID for periodical synchronization.*
- ⚙️ **File GDB :** *Updates will occur less often and more work for Winona County GIS Staff.*



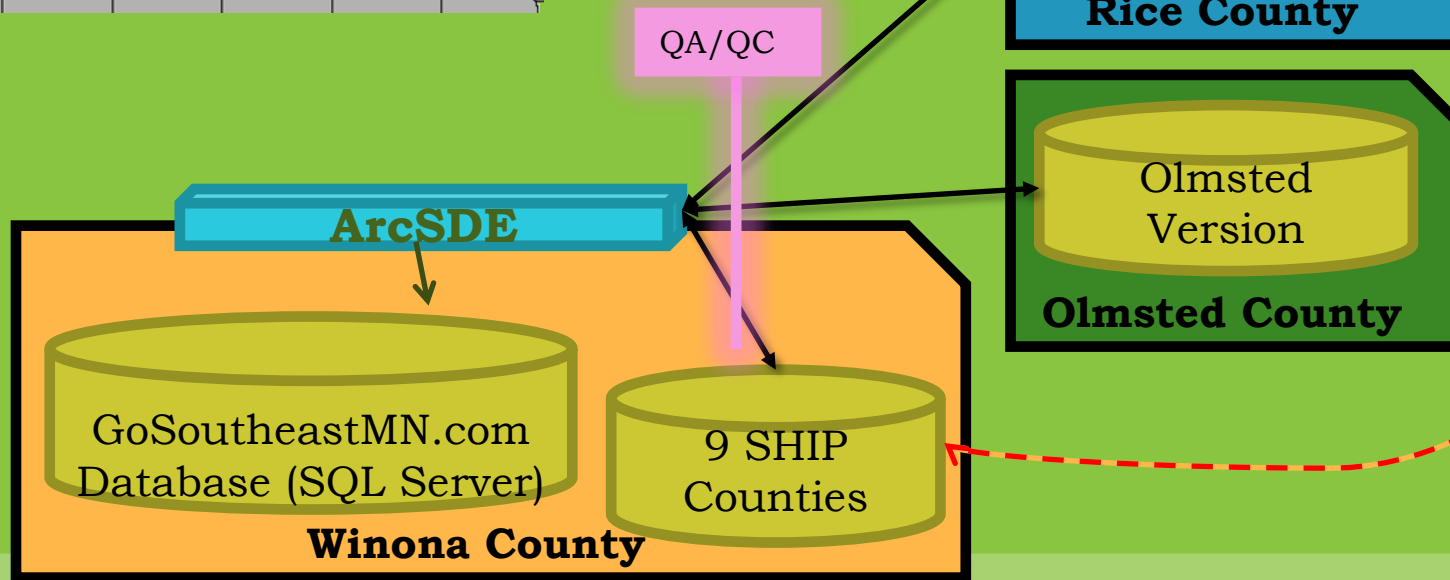
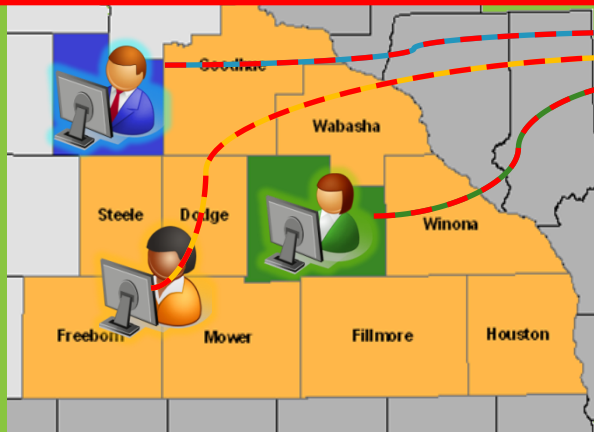
Maintenance

- ⚙ **Our goal is to have data updated quarterly.**
- ⚙ **Community Editor (in development), will allow non-GIS staff to update **point** data.**
- ⚙ **Polygons and lines (Parks/Trails) updates provided by GIS Staff.**

Community Editor

Community Editor(s)

EDITS





In The Works

- ✧ **Community Editor**
- ✧ **Flash-Based Mobile App**
 - ✧ **API for iOS**
 - ✧ **API for Windows Phone**
 - ✧ **Beta API for Android**
 - ✧ **...and then some!**
- ✧ **Composite Geocoder**





Composite Geocoder

- ⚙ **Beta site currently using Google Geocoder**
- ⚙ **We are creating our own composite geocoder using:**
 - ⚙ **Address Points (E911 / Parcel Centroids)**
 - ⚙ **Roads (?)**
 - ⚙ **Google or ESRI Locator**
 - ⚙ **Zip Code**
- ⚙ **Challenges**
 - ⚙ **Data format varies among 11 counties**
 - ⚙ **How to update?**
 - ⚙ **Large file size**
 - ⚙ **Parks without addresses(?)**

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A healthy lifestyle includes daily activity and smart food choices. GoSoutheast is your guide to walking and biking routes, parks, farmers markets and other resources in Southeast Minnesota communities that support healthy living.



Go Southeast MN is brought to you by the following counties:

Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, Winona



Closing Thoughts

☀ GIS Staff Responsible for:

- ☀ **Providing updated polygon (parks) and line (trails) features in your county on a quarterly basis. Collaborate with public health staff regarding changes.**
- ☀ **Providing updated/most recent address points (either E911 or parcel centroid) in agreed upon format (to be discussed/determined/finalized later(?)) in your county on a quarterly basis.**
- ☀ **Providing updated/most recent roads layer in agreed upon format (to be discussed/determined/finalized later(?)), in your county on a quarterly basis.**

Closing Thoughts

- ☀ **Public Health Staff Responsible for:**

- ☀ **Collaborating with Park and Rec staff and city staff to update point data for their county on a quarterly basis (if not more frequently).**
- ☀ **Communicating any changes/updates to polygon and line data to GIS Staff on a quarterly basis.**
- ☀ **Promoting/Marketing the site**

Closing Thoughts

☀ Winona County GIS Services Responsibilities:

- ☀ **Hosting**

- ☀ **Managing**

- ☀ **Troubleshooting**

- ☀ **Mobile App**

- ☀ **Increased/Intensive support for GIS Staff & Public Health staff until July 1st.**

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choices. Go Southeast is your

Questions?



...that support
healthy living

