

MetroGIS Coordinating Committee

Thursday, June 8, 2023





MetroGIS Coordinating Committee

June 8, 2023

1) Call to Order

2) Approve Today's Meeting Agenda

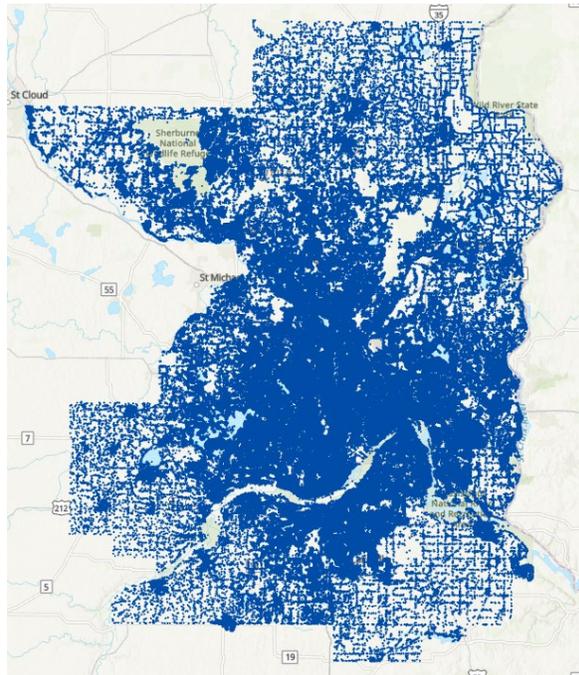
3) Approve Minutes from last meeting on Jan 26, 2023
Minutes are available at metrogis.org



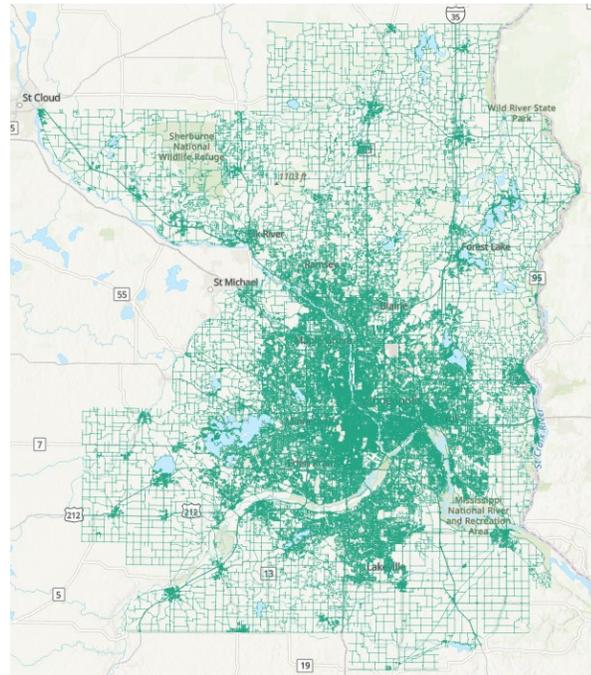
Why we are here:

#1 - Regional Datasets

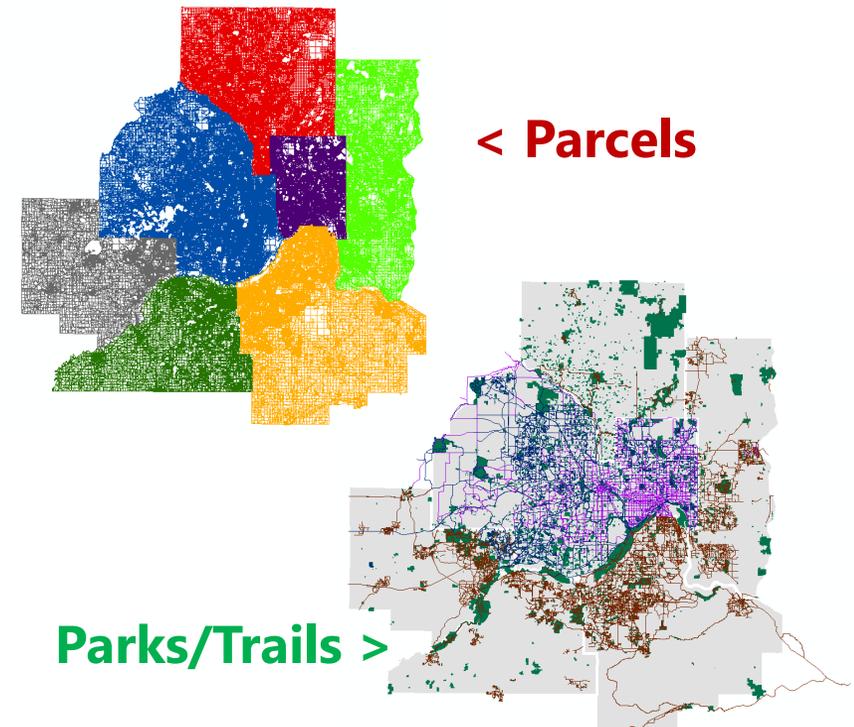
- Stable, continued, on-going, maintenance of the regional datasets
- Regional datasets remaining high quality and accurate
- Ease of access and reliability of the regional datasets



Address points



Road centerlines



< Parcels

Parks/Trails >



Why we are here:

#1 - Regional Datasets

- Stable, continued, on-going, maintenance of the regional datasets
- Regional datasets remaining high quality and accurate
- Ease of access and reliability of the regional datasets

#2 – Meet the needs of the participants

- A place to communicate, discuss, and explore ideas
- A place to ask for what you want and need

#3 – Take on projects appropriate to the collaborative

- Projects and initiatives to meet our shared needs



4) Guest Presentation

Multi-city stormwater data assembly and testing using the drat MSWGP schema



Alex Steele, Minnehaha Creek WSD
Kendell Hillis, Bolton & Menk



5) County Food Resources Maps

**Ramsey and Hennepin County
Public Health Departments**

**Web maps showing food resources
within their respective counties**



Hennepin Co.

Health Promotion

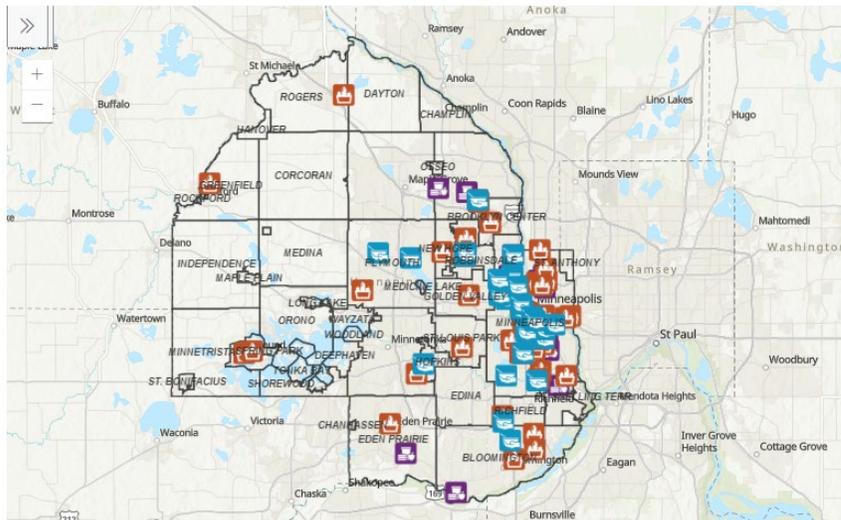
[Home](#) | [Featured projects and resources](#) | [Upcoming worksite campaigns](#)

Free food resource map

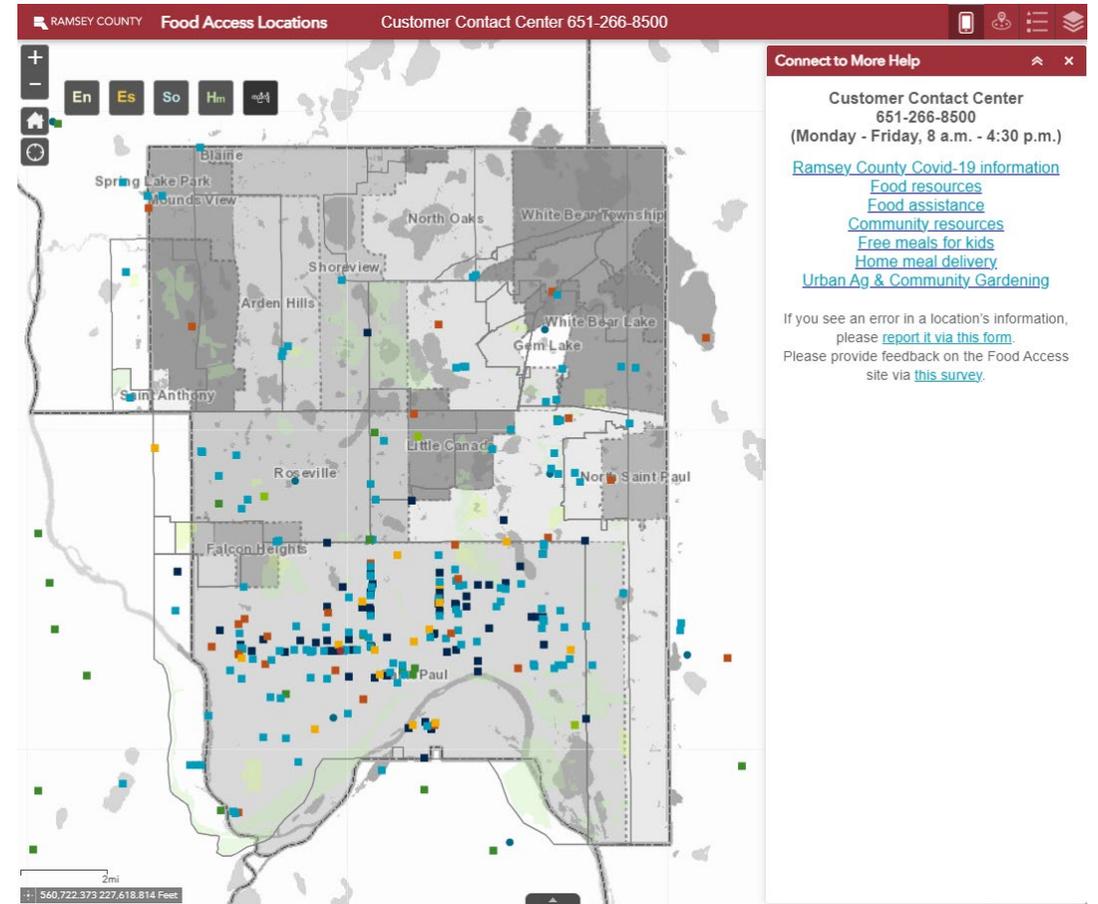
There are many places to access free food in Hennepin County. This map shows food shelves, food box programs, and free meal sites.

How to use the map

Click an icon on the map below to find more information about that location, including what kind of food it offers, where, and when. **Some locations have restrictions on who can get food, so please call or check their website before visiting.**



Ramsey Co.



Pop Up Event



Fare For All



Food Shelf



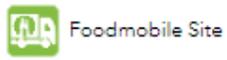
Free Meal Site



School Meal Program



Foodmobile Site



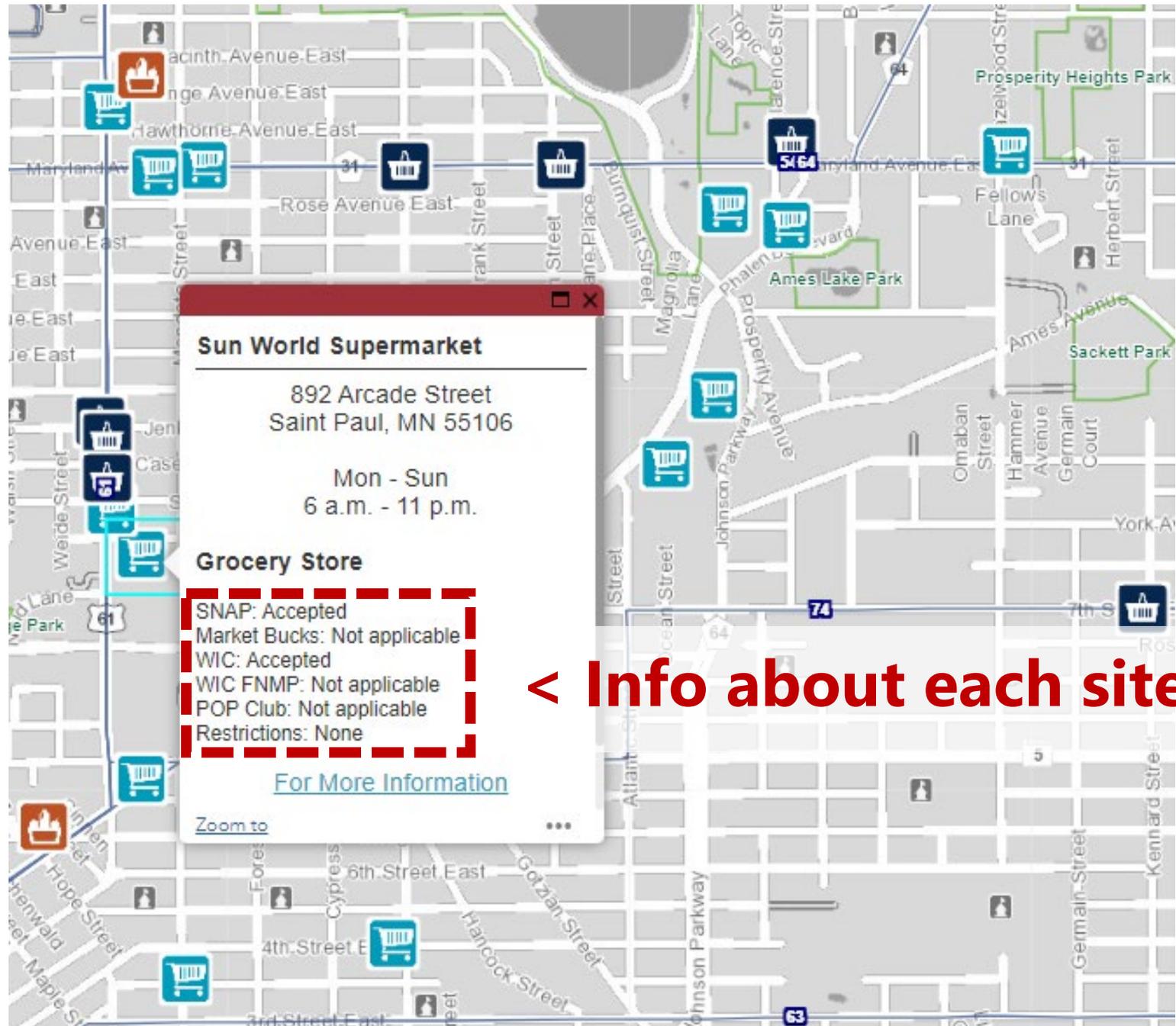
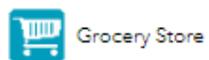
Farmers Market



Corner Store



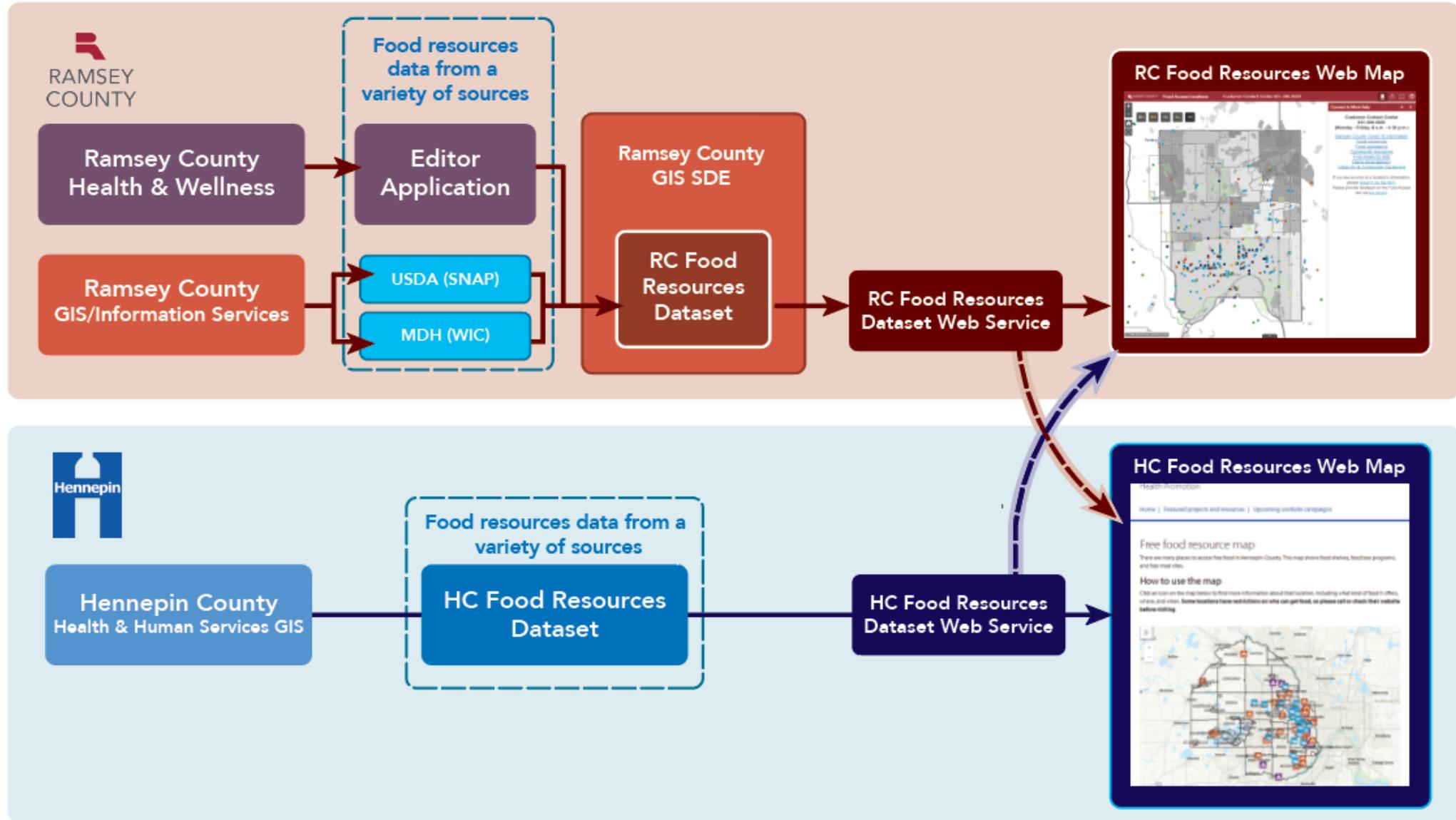
Grocery Store



< Info about each site

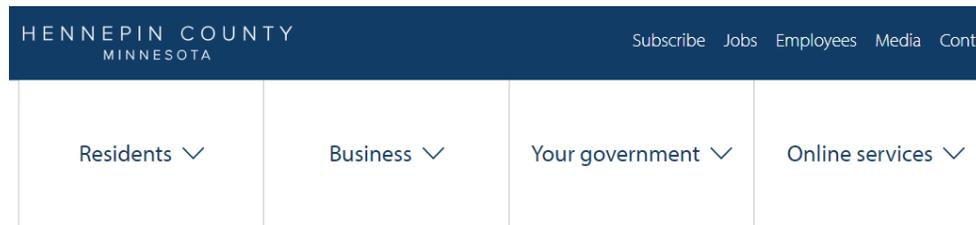


Hennepin & Ramsey - Food Resource Sites Data Sharing



5) County Food Resources Maps

- Other counties working on this?
- Any regional interest?



HENNEPIN COUNTY MINNESOTA

Subscribe Jobs Employees Media Contact

Residents ▾ Business ▾ Your government ▾ Online services ▾

[Hennepin County](#) > [Human services](#) > Food assistance

Food assistance

The Supplemental Nutrition Assistance Program (SNAP) helps people with low income to buy the food they need for sound nutrition and well-balanced meals. The program issues its benefits electronically on a card that's used to buy food at local stores.

Apply for benefits

We're changing the way we serve you by offering services in a way that is more convenient for you. Apply for economic benefits whenever, wherever. Apply online at [MNbenefits](#) or call 612-596-1300 during business hours.

Upload documents online

Upload documents directly to your case with [InfoKeep](#), a safe and secure website.

Contact a human services representative

Phone: 612-596-1300
M-F, 8 a.m. to 4:30 p.m.

Toll free
Phone: 844-803-8466
Translation assistance available



RAMSEY COUNTY

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Assistance & Support

▾ Assistance

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- [People with Disabilities](#)
- [Veterans Assistance](#)
- [Financial Assistance](#)
- [Rental Assistance](#)
- [Housing Services & Support](#)
- Food Resources ▸**

- [Report a Food Resource Map Error](#)
- [Food Resources Poster Order Form](#)

- Employment Assistance
- Protection & Crisis Resources
- Support for Families
- Youth Resources

Food Resources



This webpage can help connect you and your family with food resources.

Get help finding or affording food

- [Minnesota Food HelpLine](#) | 888-711-1151 Monday - Friday 10 a.m. - 5 p.m.
- [Ramsey County Navigators](#) | 651-266-8500 (Monday - Friday 8 a.m. - 4:30 p.m.) | Interpreters available. Get help navigating Ramsey County services including financial assistance services, social services, employment assistance and property tax.

SNAP

Also known as food stamps, SNAP helps pay for food. Many people with lower incomes are eligible.

- [Apply for SNAP](#)
- [Get help applying for SNAP](#) from Second Harvest Heartland | 651-209-7963 or 844-764-5513 (toll-free). Interpreters available.

Contact Us

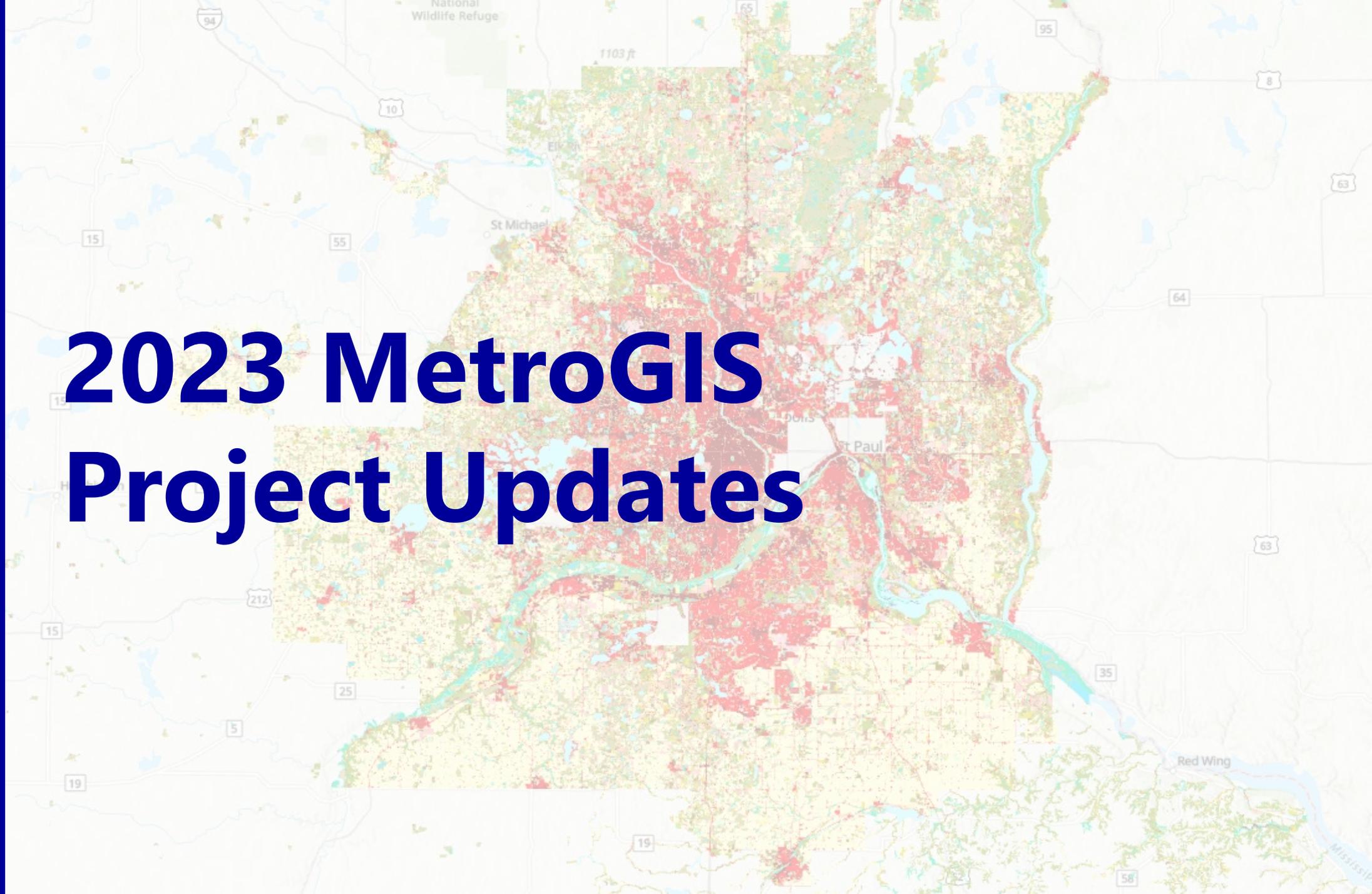
[Food Resources Team](#)

Food Security Resources

- [Food Insecurity Open Data Story](#)
- [Ramsey County Food Assessment 2022](#)
- [Executive Summary of Food Security Assessment](#)



2023 MetroGIS Project Updates



LIDAR Project Update

Woolpert has collected the Metro region as part of the Central Mississippi Region (18 Counties)

Preliminary data is at USGS

Delivery of data to counties sometime in 2023



June 8, 2023, Status

- All 2022 collected data in calibration/processing for anticipated preliminary delivery in Winter 2022/23. The delivery priority to the USGS are the 30ppsm areas.
- Work Unit Status:
 - MN_CentralMissRiver_1_B22 (30ppsm): Provisional data accepted by USGS on May 15, 2023, copy shipped to state on May 20, 2023.
 - MN_CentralMissRiver_2_B22: Preliminary data shipped to USGS for review on April 21, 2023.
 - MN_CentralMissRiver_4_B22 (30ppsm): Preliminary data shipped to USGS for review on April 6, 2023, received comments for review on June 8, 2023.
 - MN_CentralMissRiver_5_B22: Preliminary data shipped to USGS May 20, 2023.
 - MN_CentralMissRiver_6_B22: Preliminary data shipped to USGS May 20, 2023.
 - MN_CentralMissRiver_3_B22: Data fully acquired, in processing to deliver in December 2023.

- **Preliminary Data:** Shipped only to USGS for quality review.
- **Provisionally accepted data:** After preliminary review and quality acceptance. Can be shipped to the stakeholders, *no vertical accuracy checks done*. Restrictions on use.
- **Final Accepted data:** All data quality and vertical accuracy accepted, can be used without restriction.



Minnesota Lidar Hub

Learn about lidar and the need for a new lidar collection in Minnesota. This website provides resources, plans to acquire and support lidar, and current status information for the Minnesota Lidar Plan. The website is developed and maintained by the Geospatial Advisory Council 3D Geomatics (3DGeo) Data Acquisition Committee and facilitated and supported by the Minnesota Geospatial Information Office (MnGeo), an office of Minnesota IT Services (MNIT).

Events / News

Email lidar@state.mn.us for meeting invitation(s) when available. Please indicate which meeting(s) you would like to attend.

3D Geomatics Committee Recognized for team-managed, partner-based lidar acquisition at Geo Week. To learn more, check out this brief [one-page information sheet](#).

3DGeo's GIS/LIS presentation recording is now available for viewing: [Past - Present - Future: A 3D Geomatics Committee Update on Minnesota's Lidar Plan Presentation Recording](#).

Featured Resources



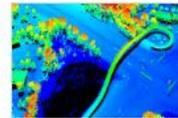
Minnesota's Lidar Story

An introduction to lidar, how it is used in Minnesota, and the Minnesota Lidar Plan.



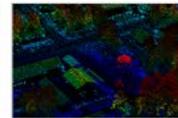
Minnesota Lidar Plan (PDF)

This plan outlines the need for a new lidar collection in Minnesota, and the path to...



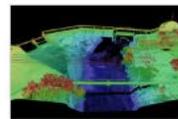
Past - Present - Future: A 3D Geomatics Commit...

Minnesota Lidar Plan Panel Discussion at MN GIS/LIS 2021 Sean Vaughn, Gerry Sjerver,...



Why 3DGeo Supports Quality Level 1

The Geospatial Advisory Council's 3DGeo Acquisition Workgroup explains its suppo...



Lidar for County Government

How counties benefit from lidar and find returns on investments.



Lidar Elevation Data for Minnesota: 2008-2012

Resources from the 2008-2012 Lidar Elevation Data for Minnesota project.



MnTOPO

MnTOPO is a web application for viewing, printing and downloading high-resolution...



HIDDEN LANDSCAPES Lidar Story Map

Hidden Landscapes Public

Hidden Landscapes tell the story of the 2020 Goodhue County high resolution Lidar...

<https://lidarhub-minnesota.hub.arcgis.com/>



External Platform Publishing

Metro regional datasets made available to/integrated with/published in:

- **ESRI Community Basemap**
- **Google Maps**
- **Open Street Map**
- **HERE**



MetroGIS™

MLCCS Project

(Minnesota Land Cover Classification System)

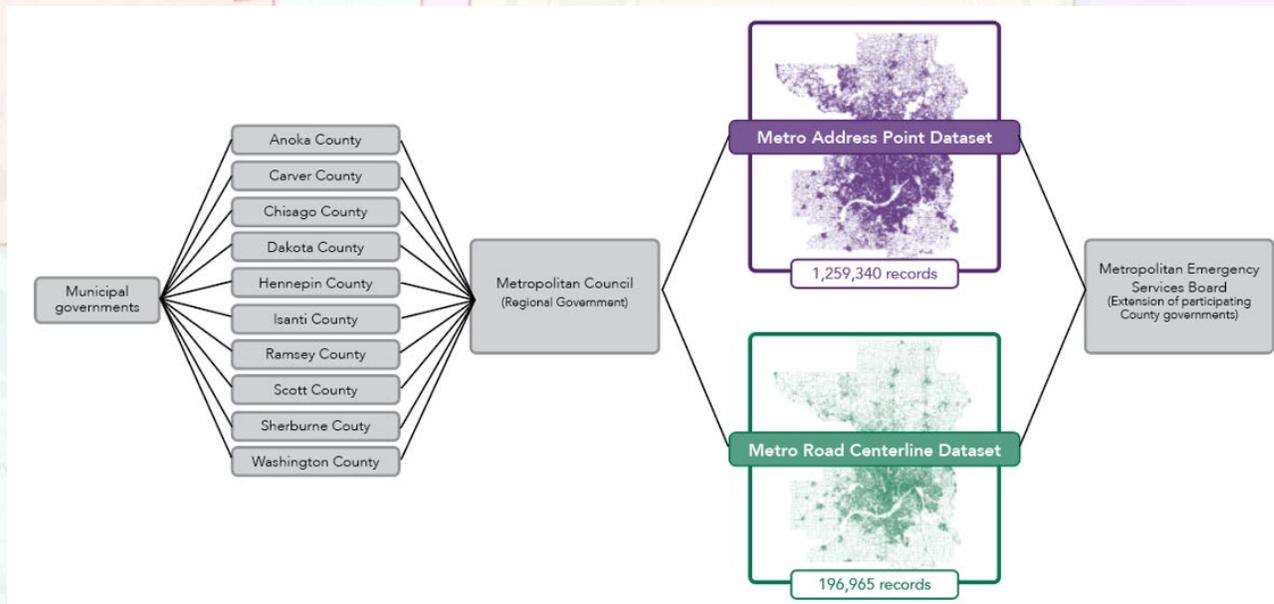
**Existing MLCCS data is from 2011
Metro region data is incomplete**

**MetroGIS providing \$26,500 in 2023 toward
new land cover data collection process**

**Contract between MetCouncil/DNR is executed
Work underway...**



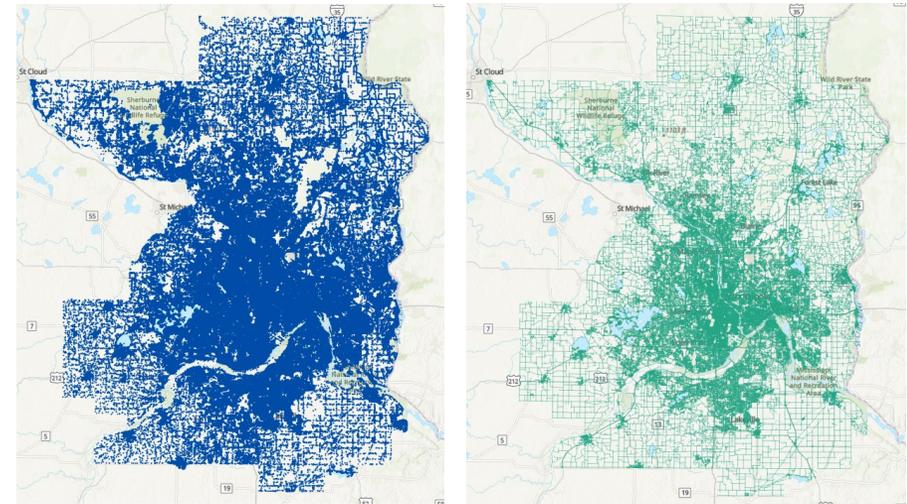
Regional Data Provisioning and Maintenance



Regional Data Provisioning and Maintenance

Support the mission of MetroGIS through the continued availability of...

- **Standardized**
- **Authoritatively-sourced**
- **Complete**
- **Accurate and timely**
- **Relevant,** and
- **Publicly available**



...geospatial datasets for the metropolitan region.



Regional Data Provisioning and Maintenance

Initial Scope:

Provisioning & maintenance of the

Metro Road Centerlines & Metro Address Point datasets

including support for the **NG9-1-1 workflow process**

Team:

Jon Hoekenga & Sean Murphy (Metropolitan Council),

Marcia Broman & Pamela Oslin (MESB)

Geoff Maas (Chair, MetroGIS CC/Ramsey County)

Others are welcome to participate and contribute



Regional Data Provisioning and Maintenance



Address data content items inhibiting regional data from being integrated into ESRI's Community Map Program and World Geocoding Service



Implement improvements to the MetroGIS regional data validation process & GAC standards compliance



Document ongoing address and road data workflows, including connections with NG9-1-1



Identify roadblocks to sustaining the regional road centerline (RCL) and regional address points (ADP) datasets in the long term



Regional Data Provisioning and Maintenance

Project Activity Status 6/8/23

- **Content for ESRI CMP & WGS:**
 - Work sessions with data producers (Sept and Oct 2022)
 - Data clean-up, tool enhancement and testing (Oct 2022-Feb 2023)
- **Met Council Data Validation/Aggregation Process Improvements:**
 - Updated tool rollout to data producers (Feb 2023)
 - Full transition to new tools (Mar 2023)
 - Improved, proactive regional process error reporting (tentative July 2023)
- **Address & Road Data Workflow Documentation:**
 - **Initial draft documentation of:**
 - City-County data workflow documentation using Ramsey County as test (May 2023)
 - Met Council/MetroGIS aggregation/validation/posting workflow (Mar-May 2023)
 - NG911 data workflow (MESB) (May 2023)
 - NG911 and GAC data workflows (MnGeo/DPS) (May 2023)
 - **Review underpinning of inter-government agreements (TBD)**



Regional GIS Data Provisioning

Re-think as regional data provisioning with NG9-1-1 as primary use case

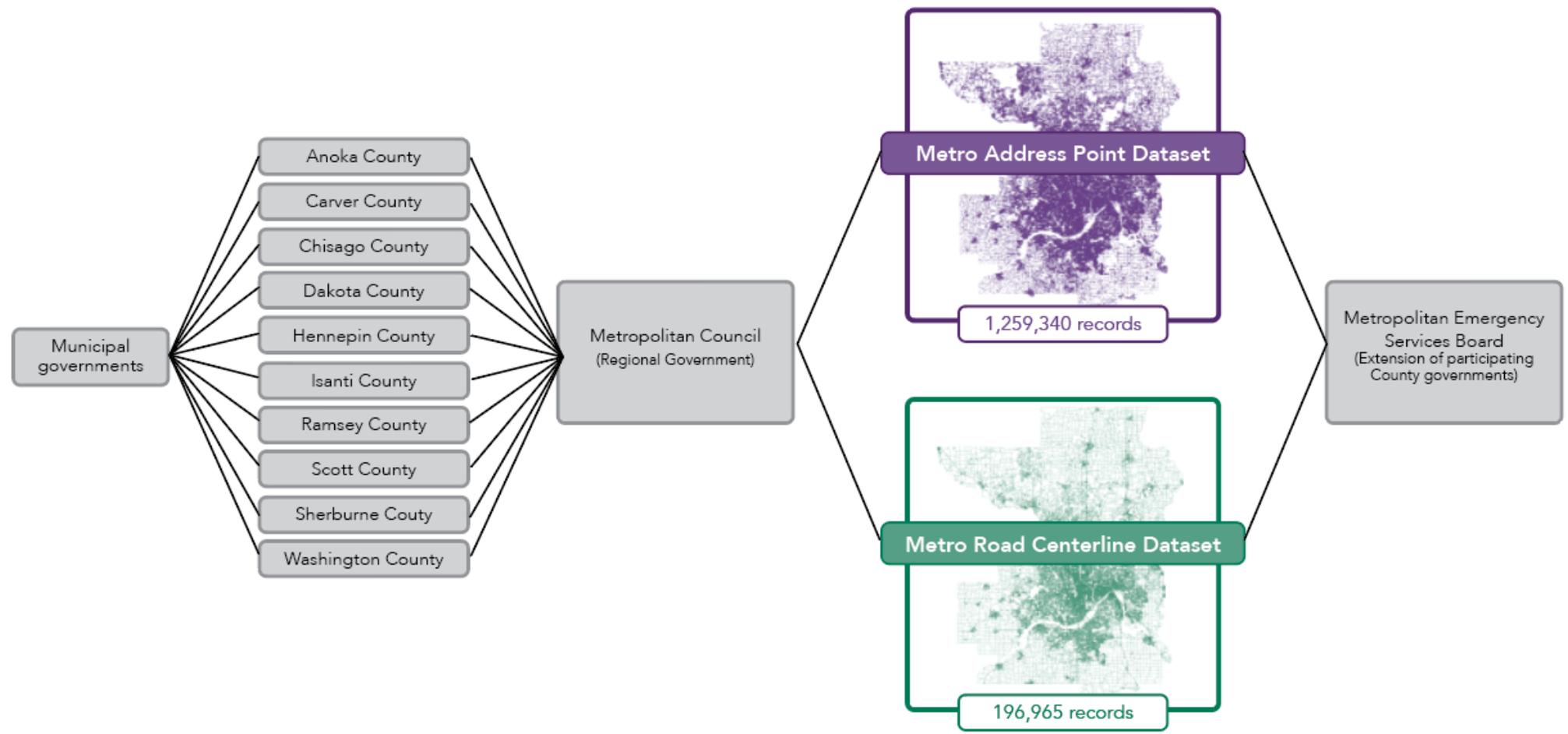
Documentation of existing methods and processes for regional data maintenance

Best practices for accuracy and consistency of data

General data life-cycle models

(i. e., the workflow and process of the creation of new address or street to its appearance and maintenance in the data...)







Municipal governments

Assignment of addresses

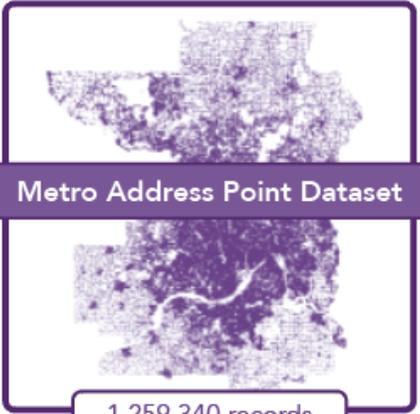
Naming of streets within incorporated cities

Plat approval via Planning Commission

- Anoka County
- Carver County
- Chisago County
- Dakota County
- Hennepin County
- Isanti County
- Ramsey County
- Scott County
- Sherburne County
- Washington County

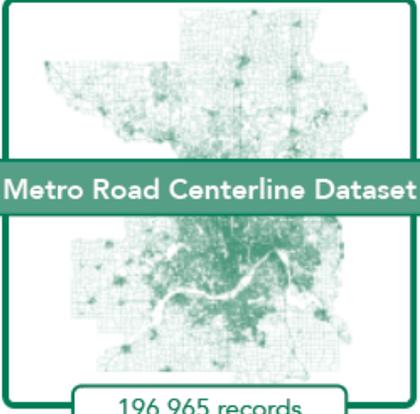
Metropolitan Council
(Regional Government)

Metro Address Point Dataset



1,259,340 records

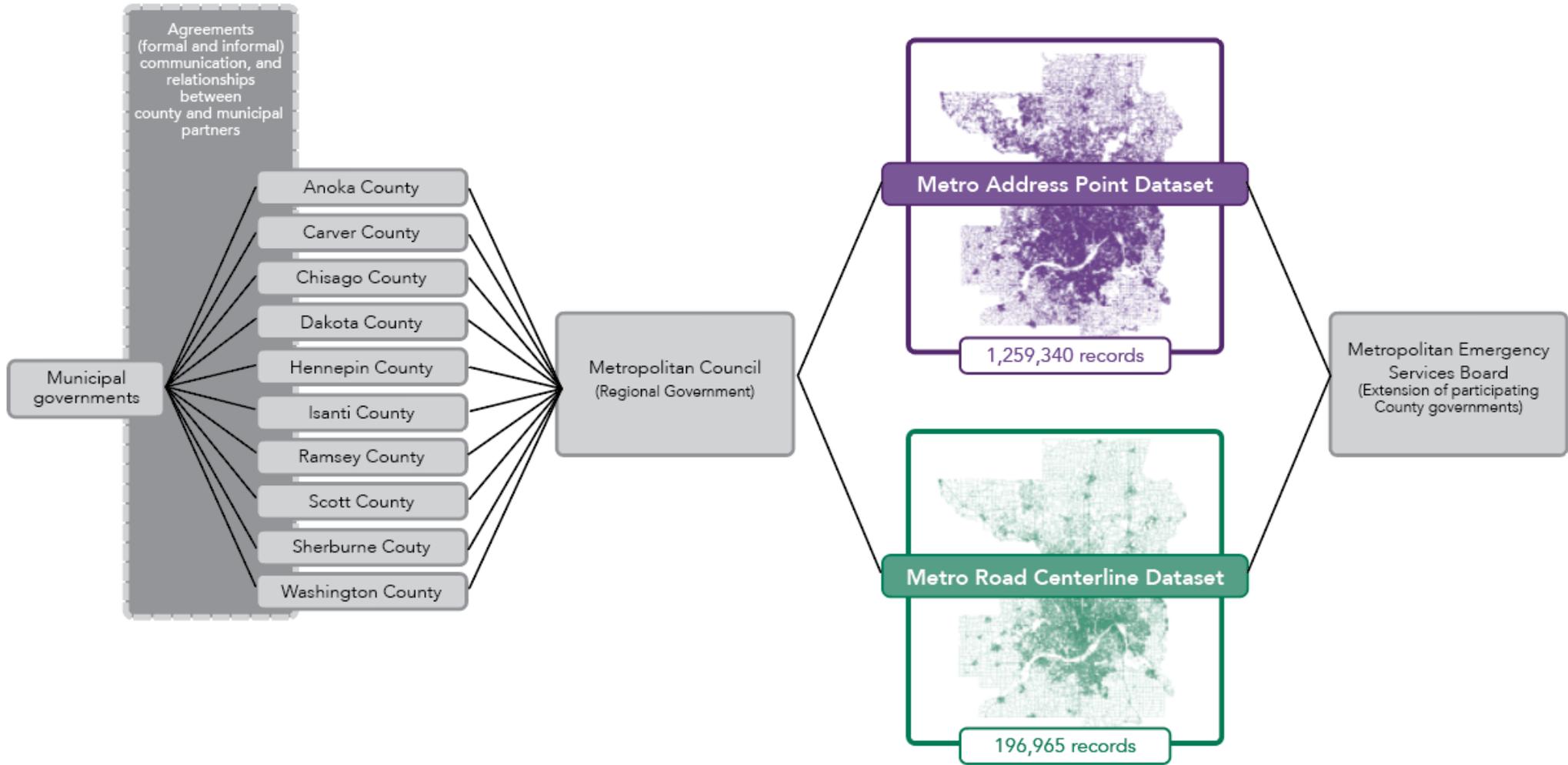
Metro Road Centerline Dataset

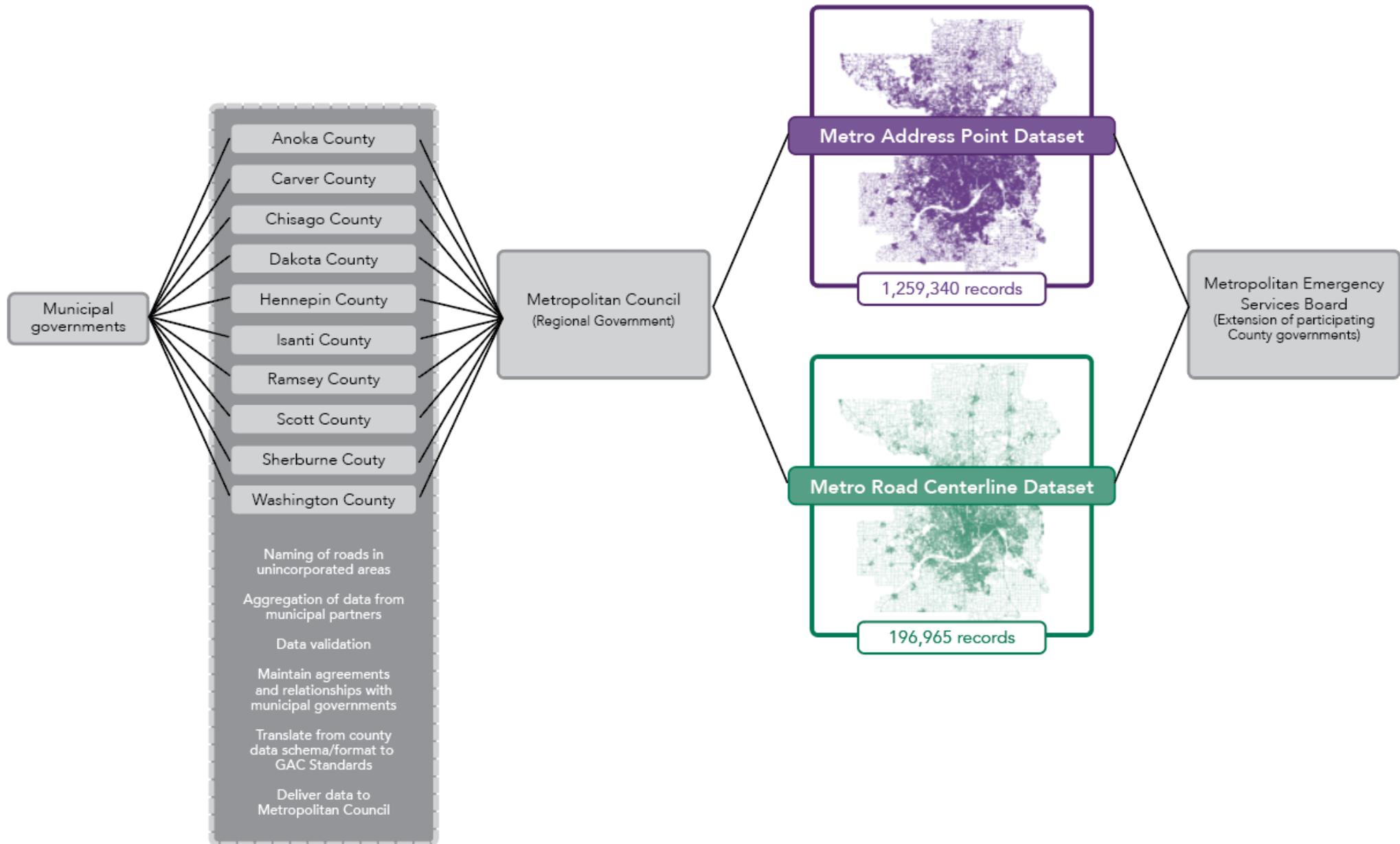


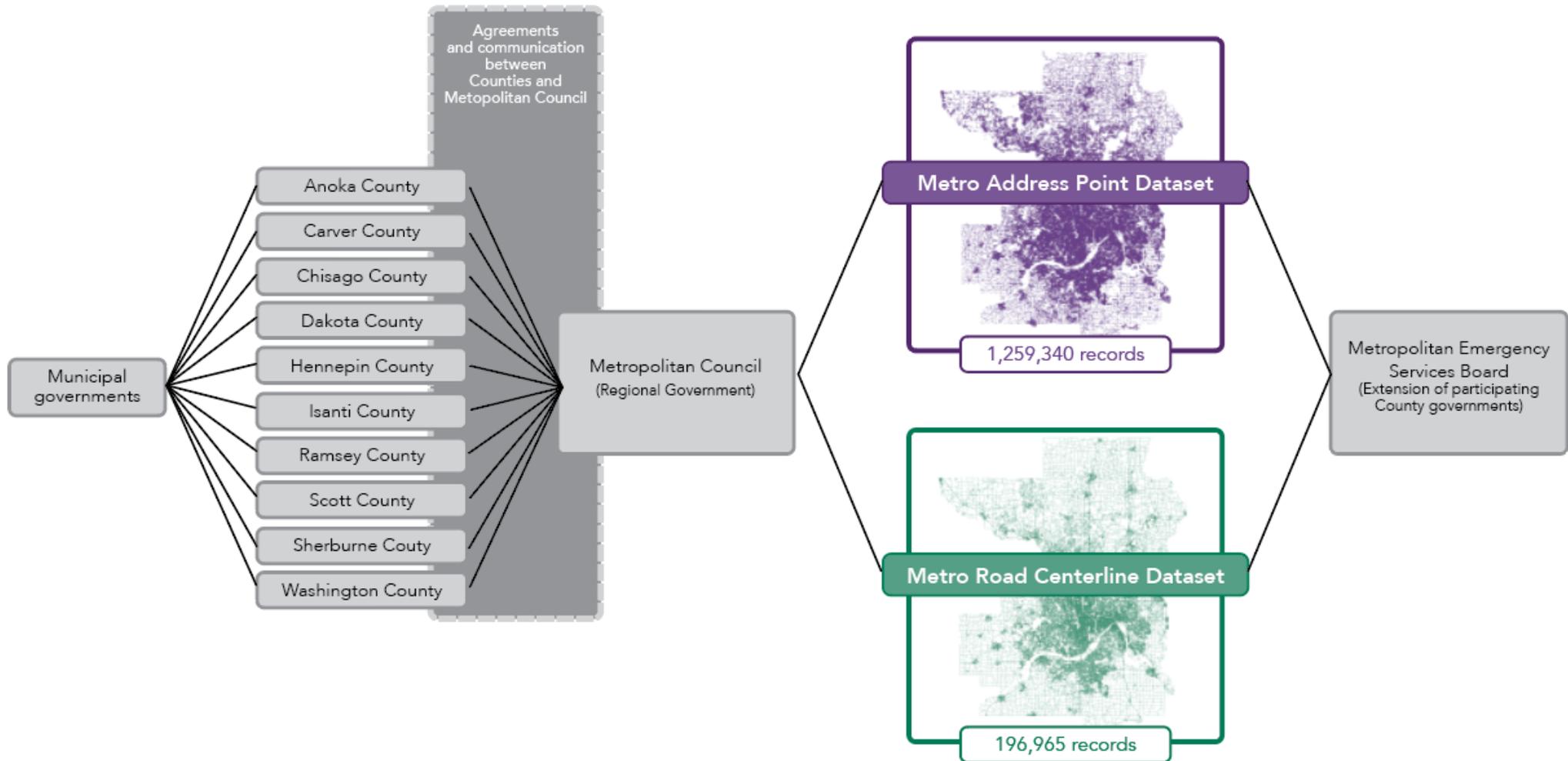
196,965 records

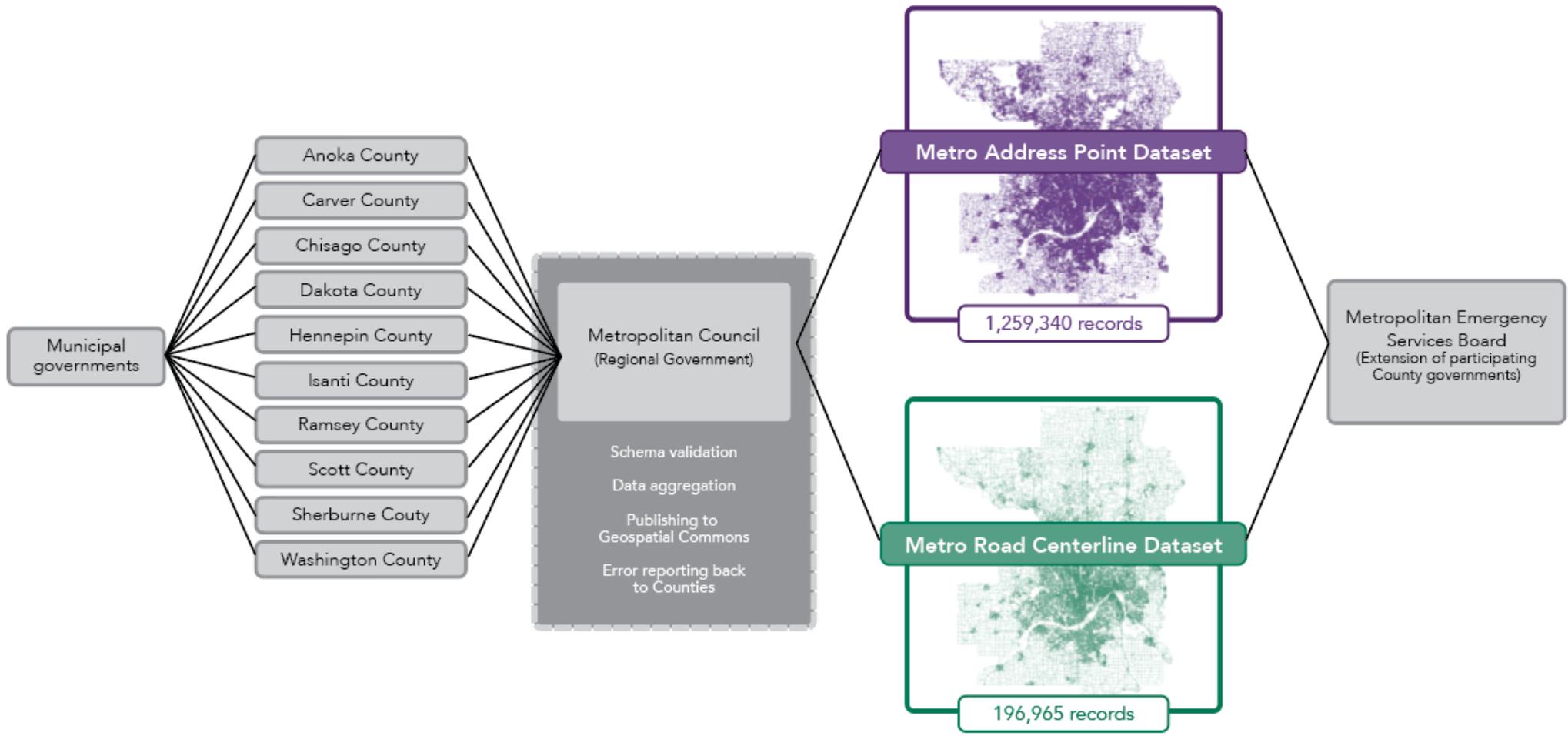
Metropolitan Emergency Services Board
(Extension of participating County governments)

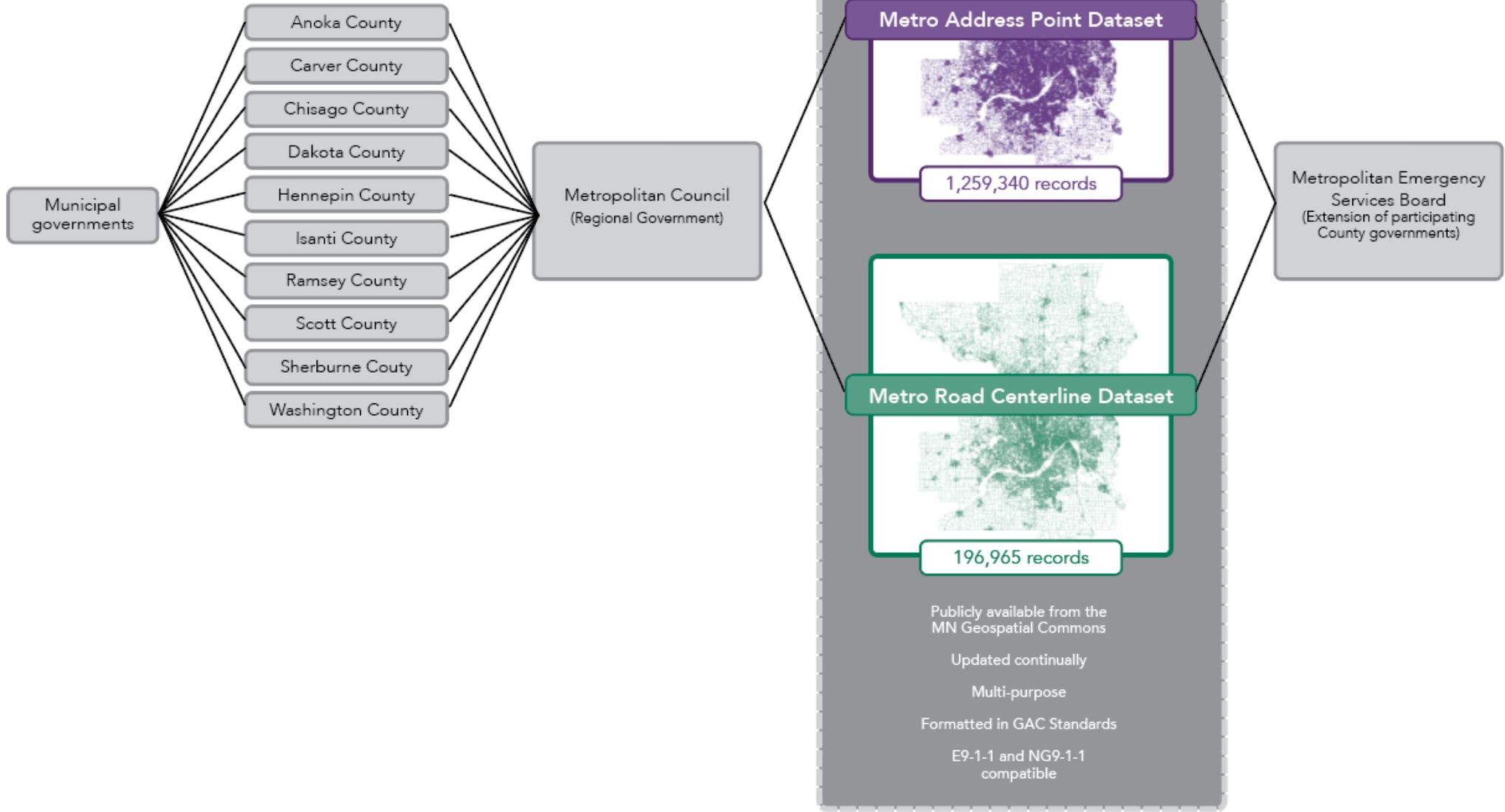


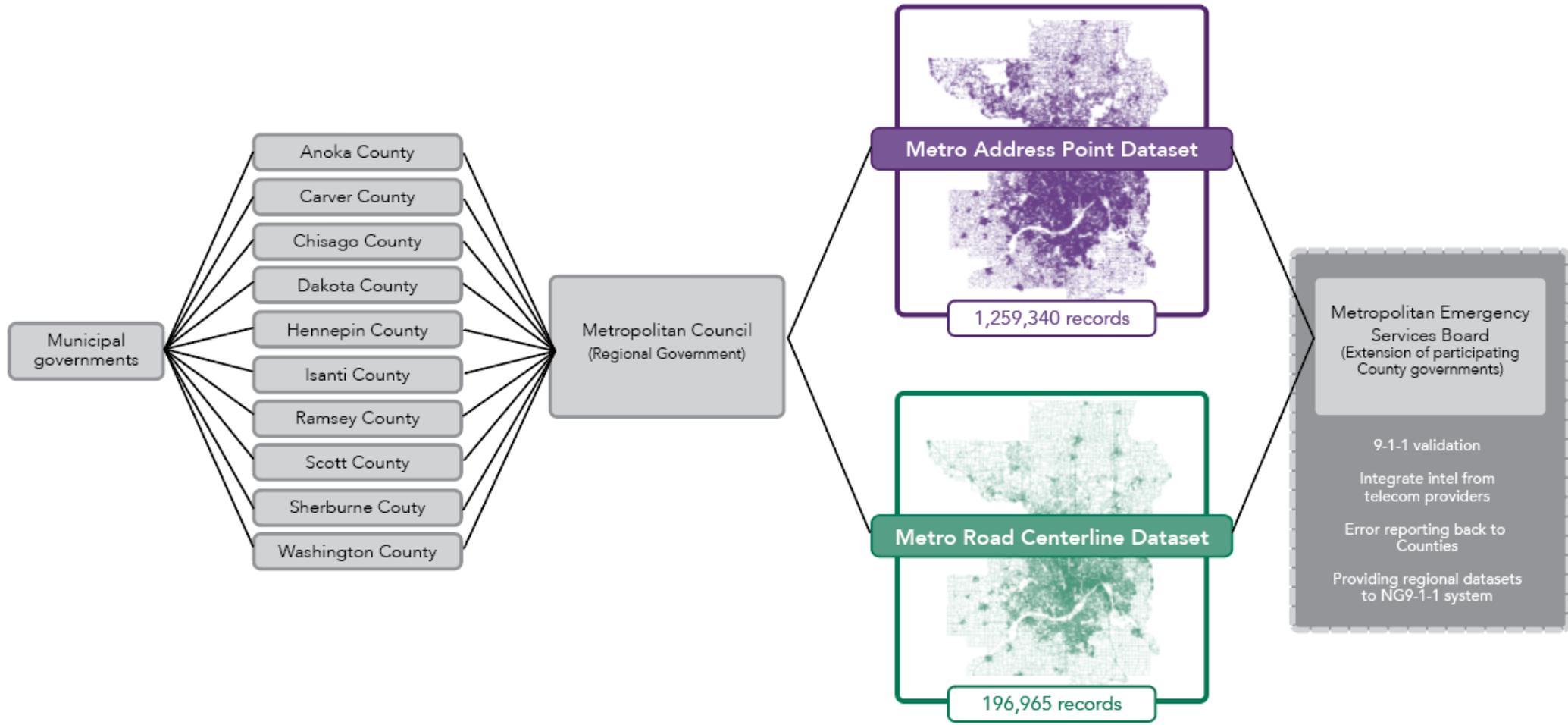


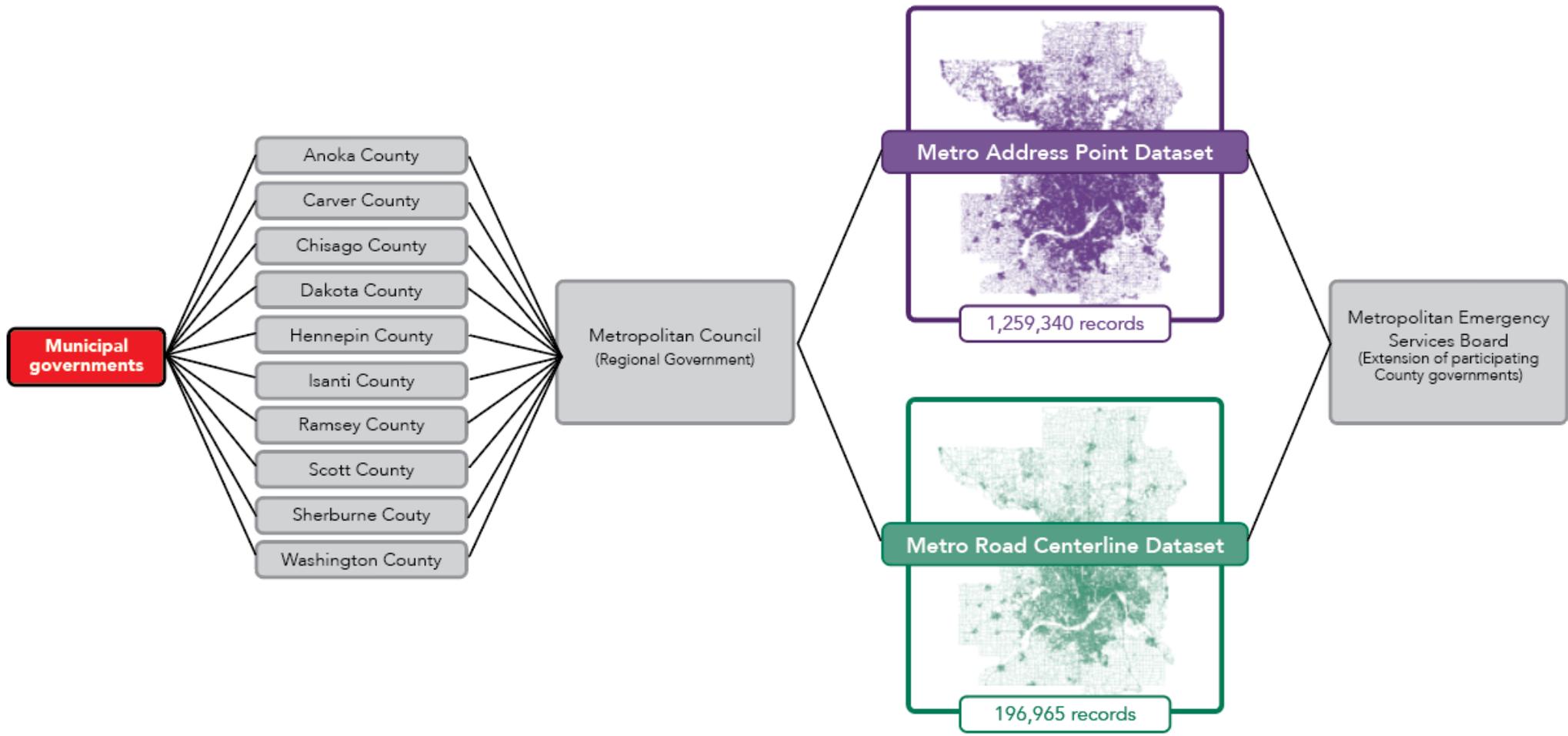






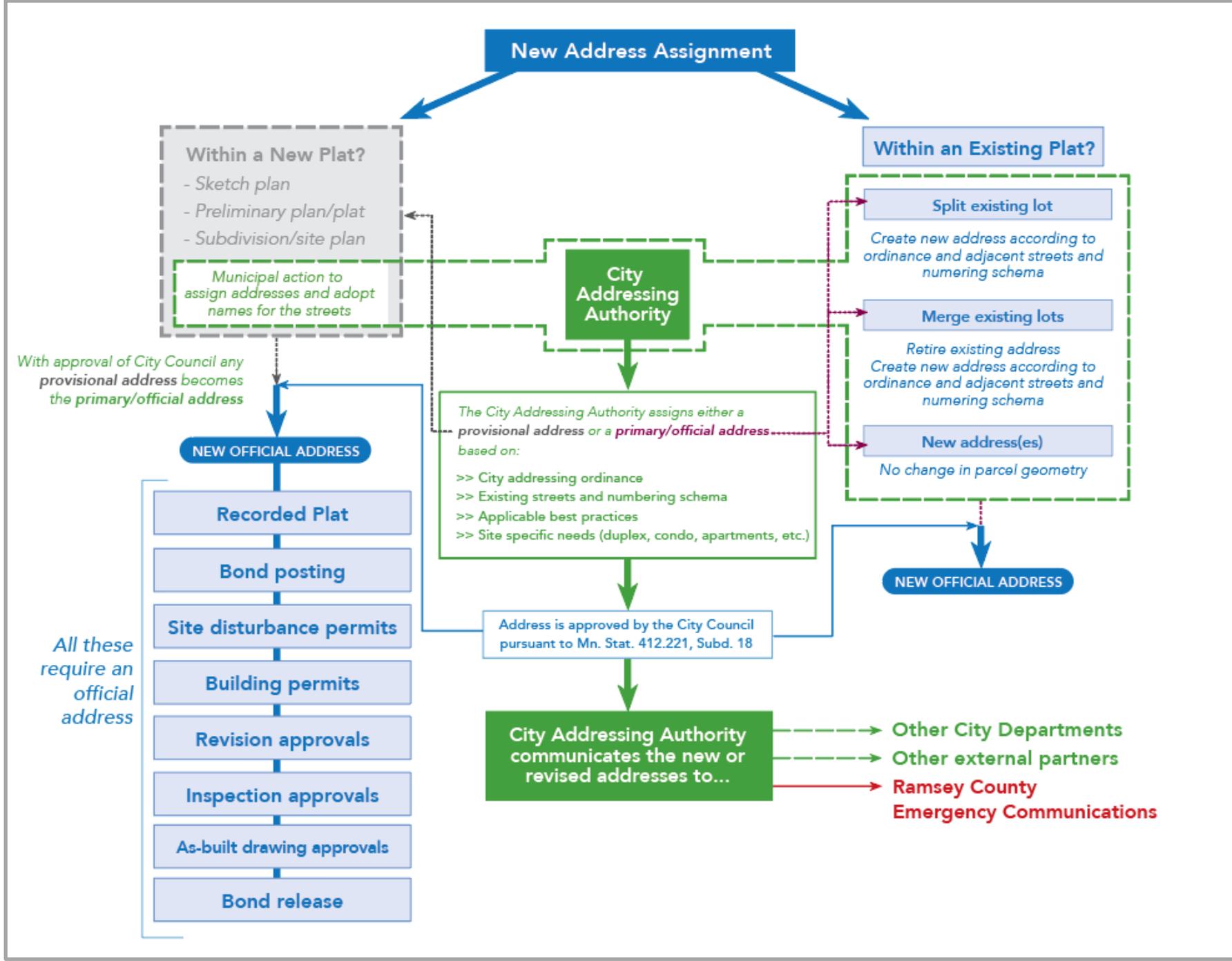


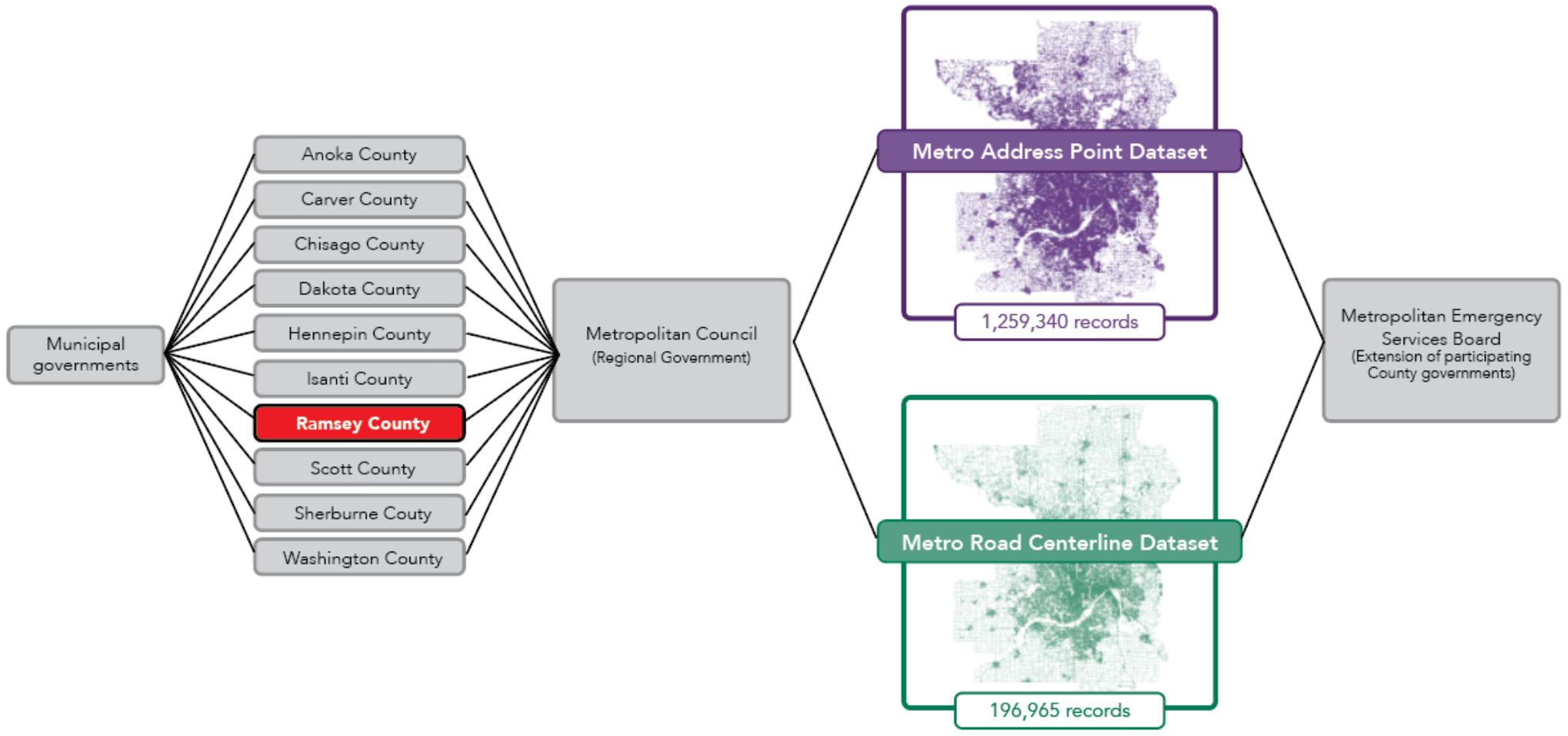


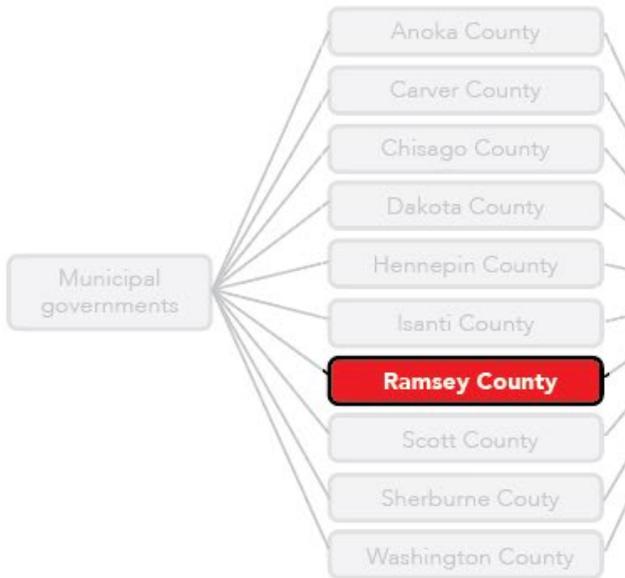




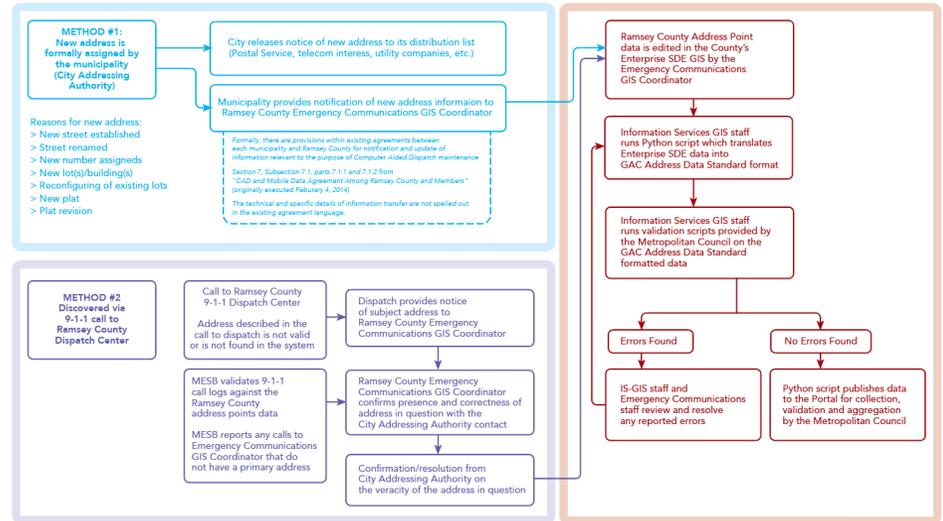
Municipal governments



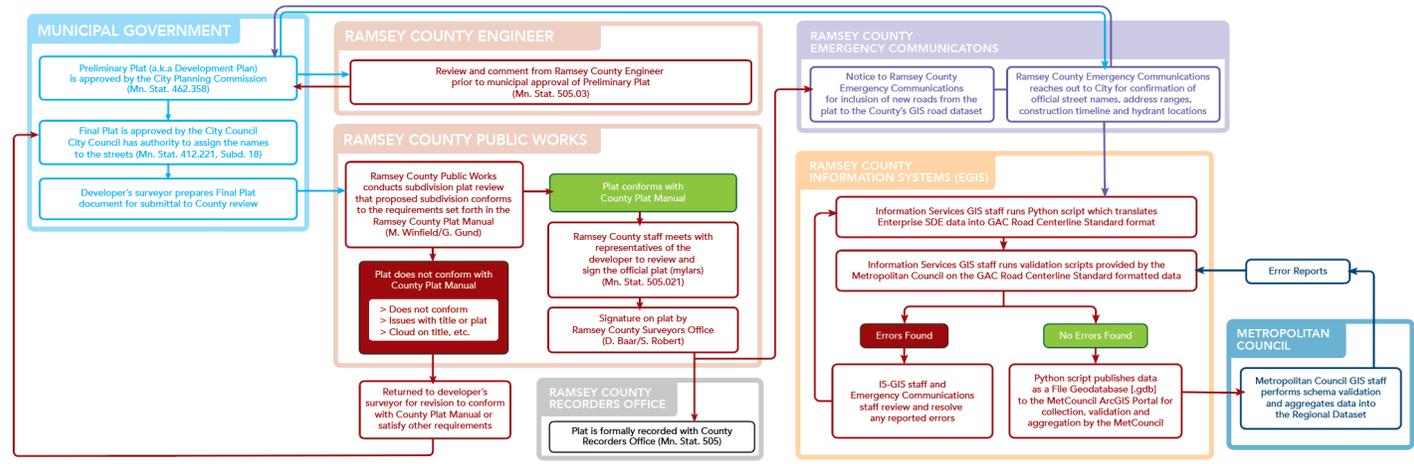




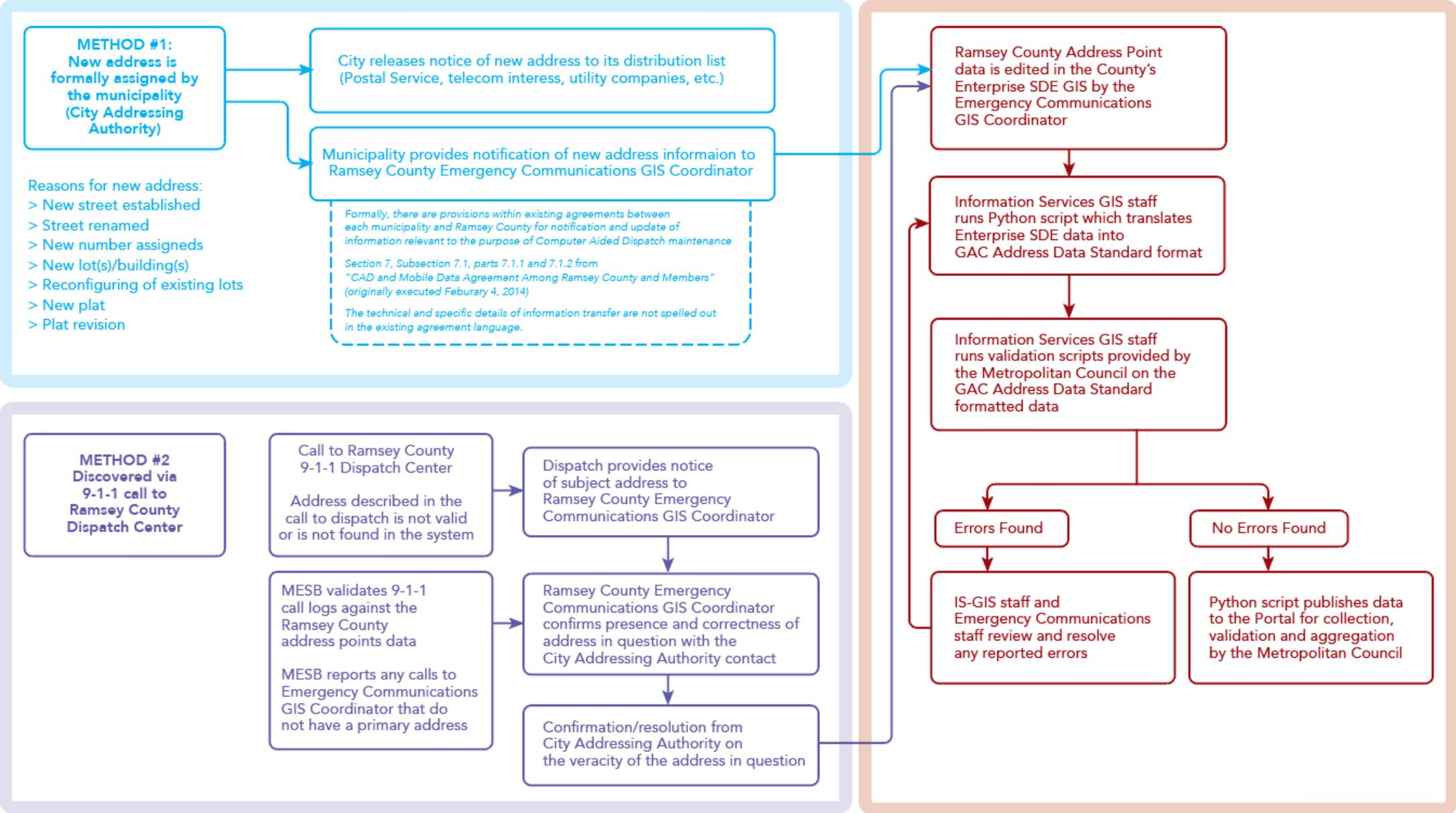
ADDRESS POINT PROCESS



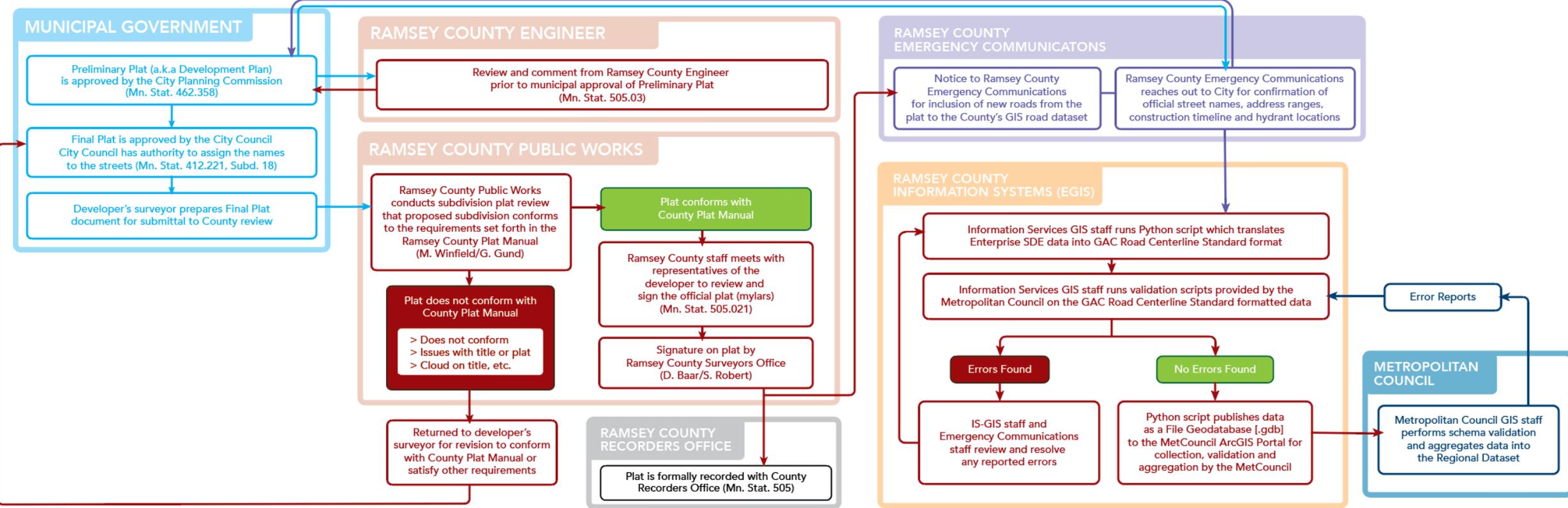
ROAD CENTERLINE PROCESS

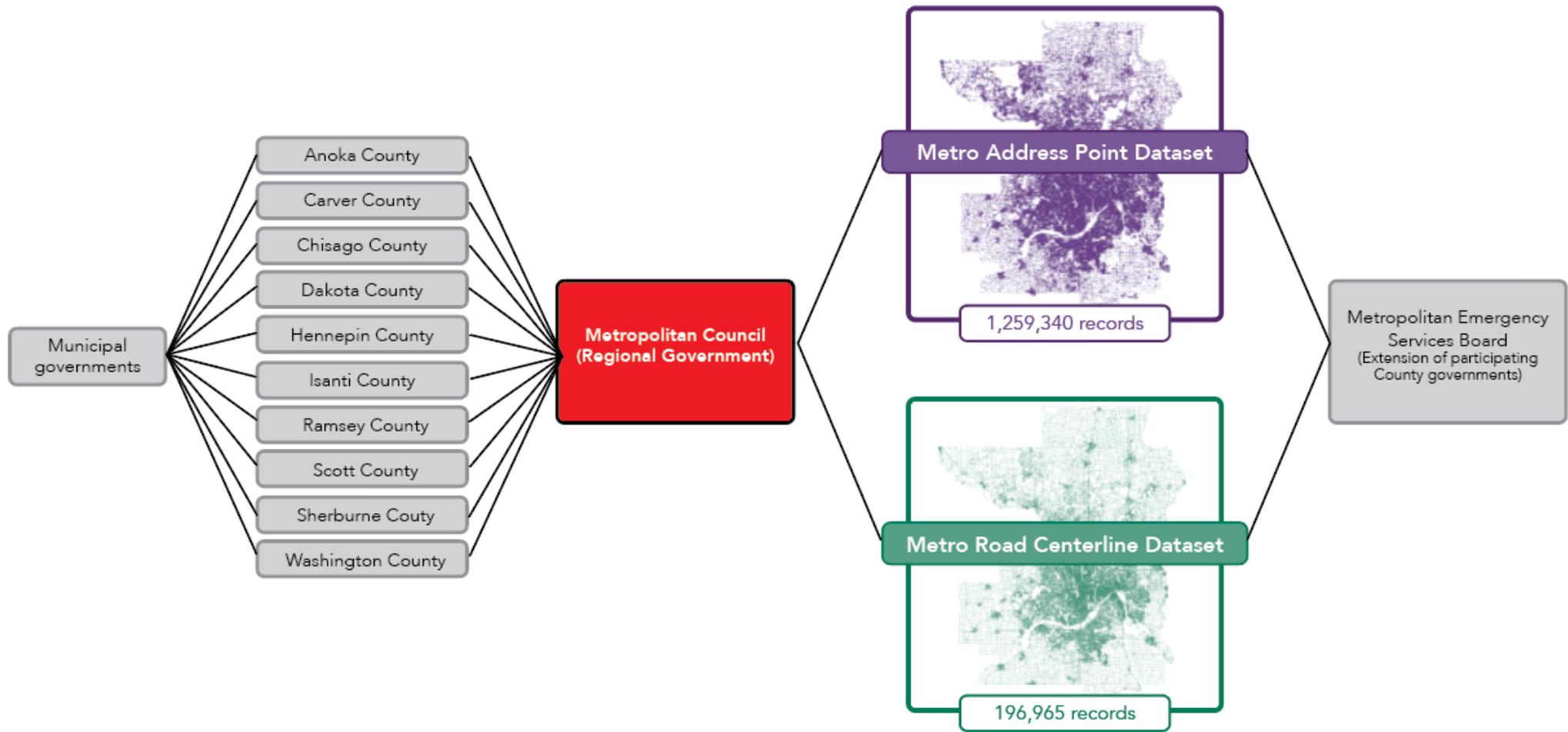


Address Point Process

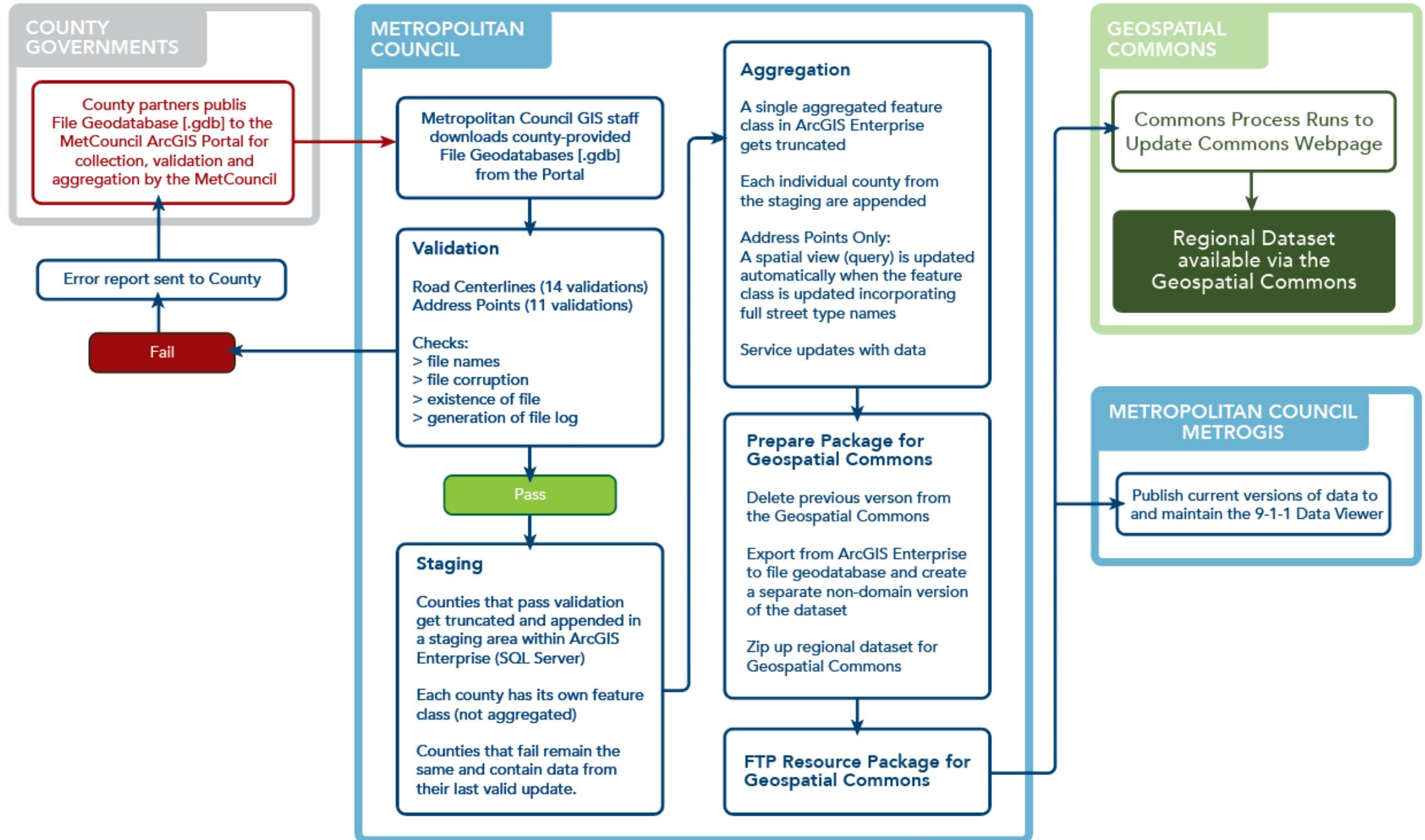


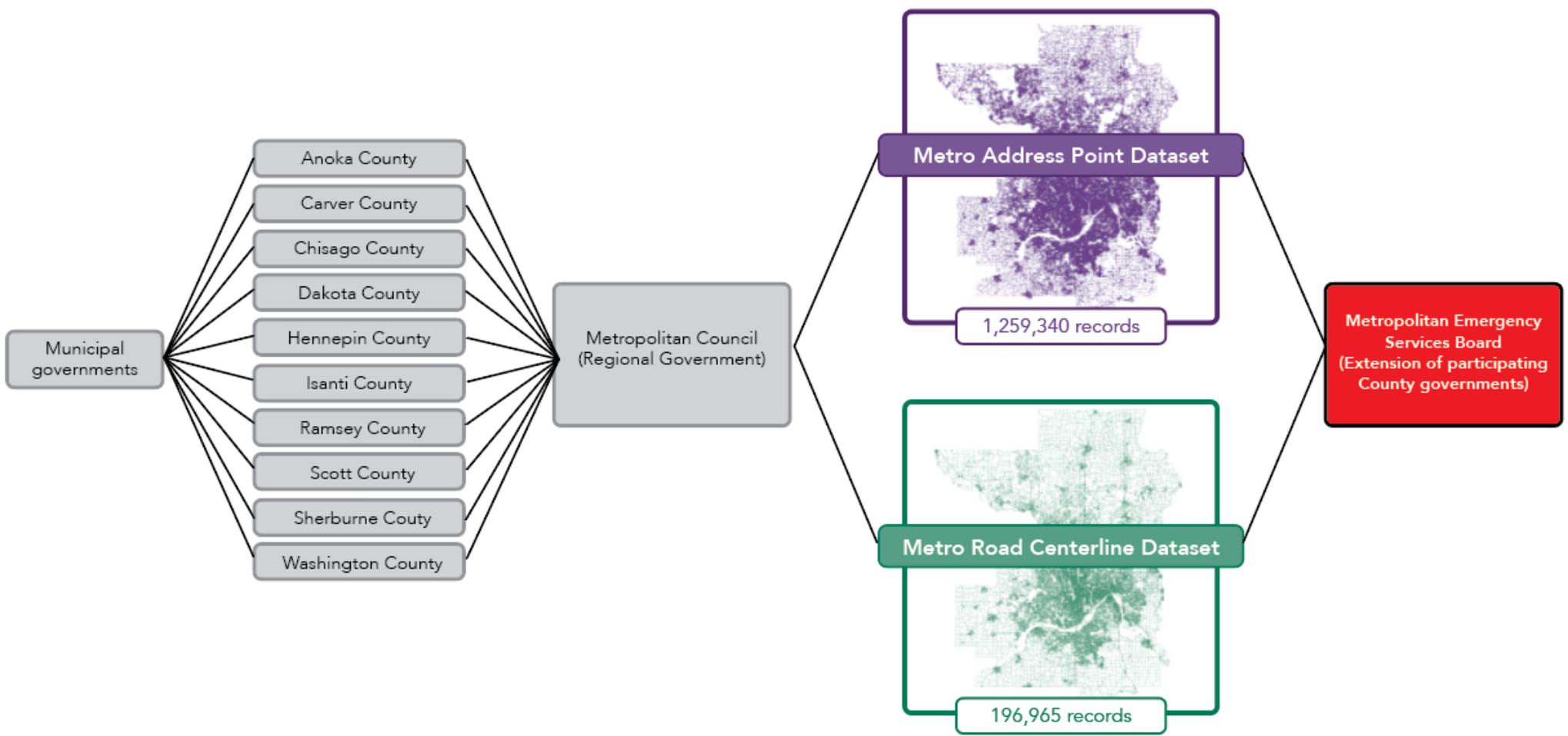
Road Centerline Data Process



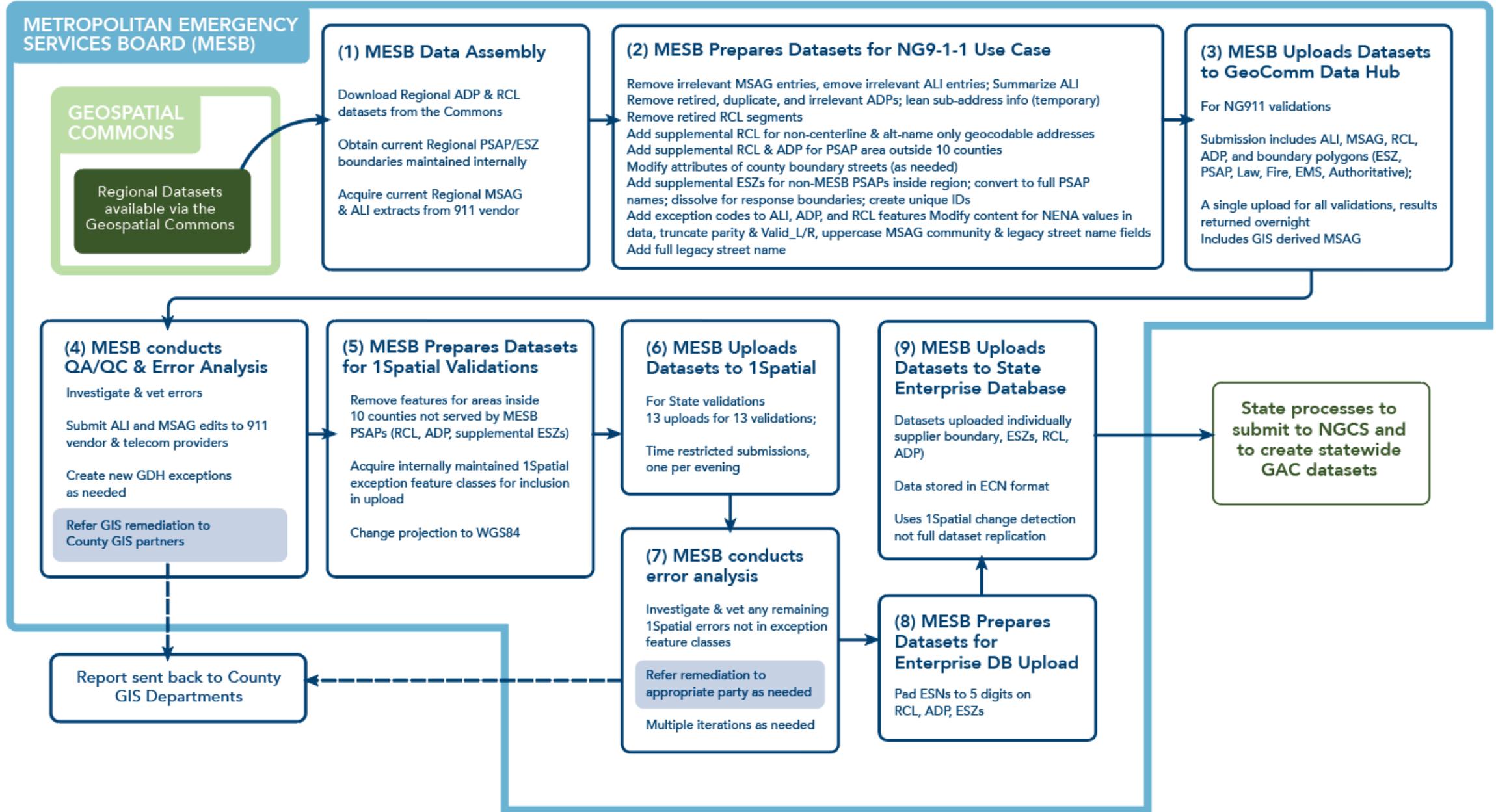


Metropolitan Council Regional Dataset Process





MESB Process





Goal:

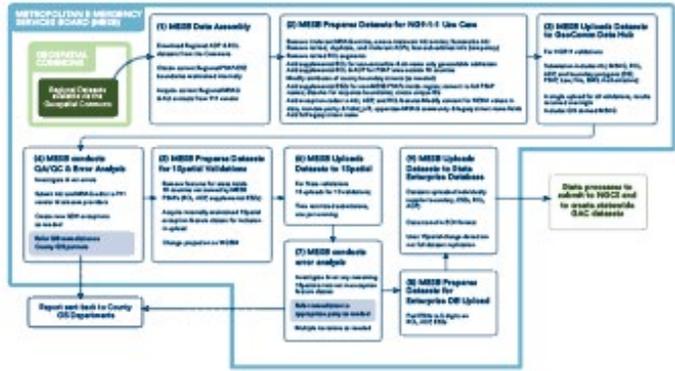
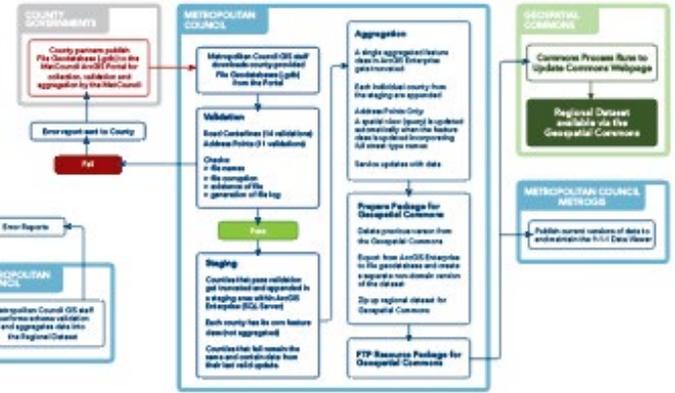
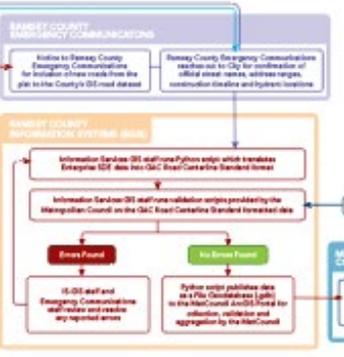
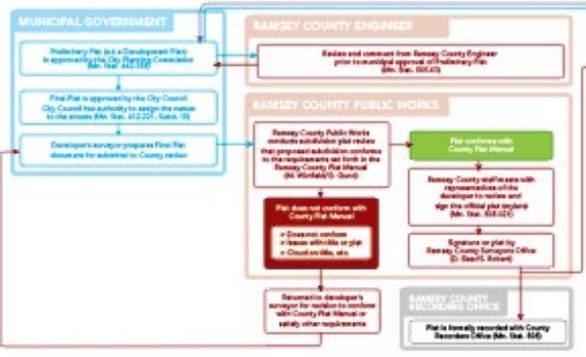
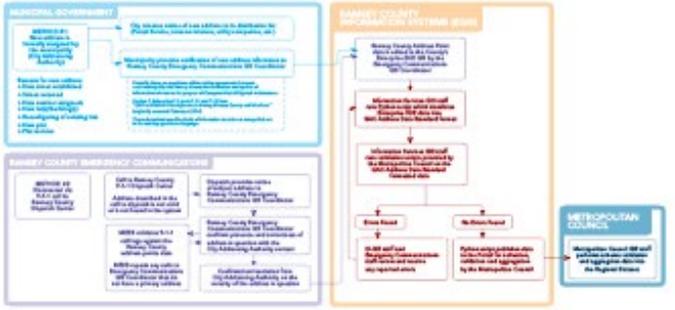
Fully document the detailed process and life cycle of the road, address points, and other data

Our **director level leadership** understands the nature of the work and resources needed to maintain this for internal agency use and external partners

Document = resource for internal staff

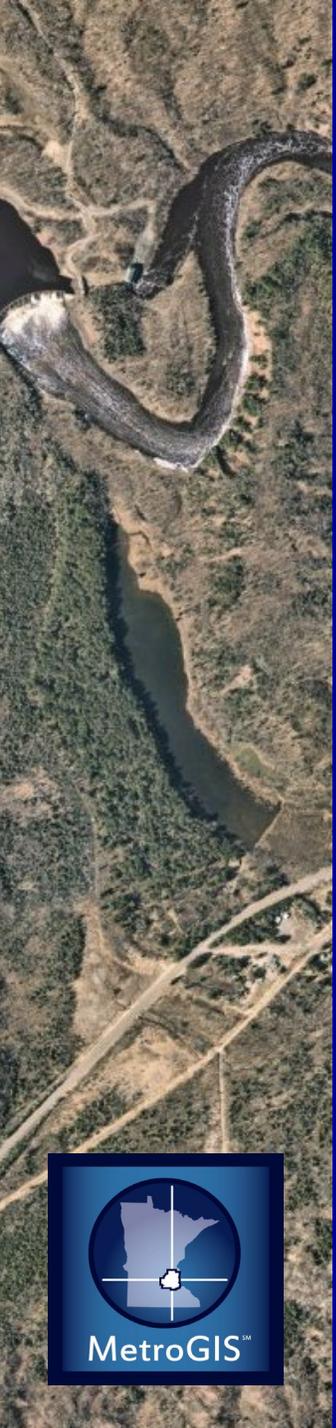
Understand how each agencies individual work connects with each other





7) Lightning Round





8) Adjourn

