

# Data Distribution Discussion

Ramsey County GIS User Group

3 January 2013



# Format Change

- Move to File Geodatabase
  - Greater flexibility in field naming
    - Currently investigating 10.1 limitations
  - Allows retention of attribute domains
  - Less manipulation on RC side
- Shapefiles are still a default exchange format between systems
  - Is anyone not on ESRI products?



# Current Data Exports

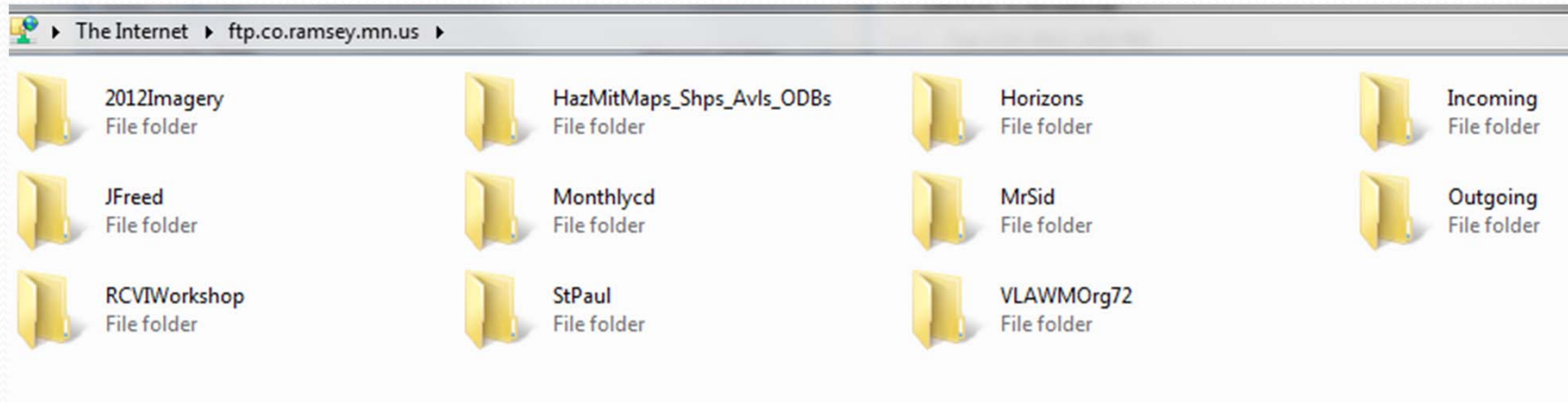
- Parcel Polygons & Parcel Points with Tax Info
- Street Centerlines
- Physical Features (Bridges, Buildings, Railroad, etc)
- Associated Data (CAMA and GRM)





# Proposed Two Level Updates

- Monthly
  - Attributed Point and Parcel
  - Streets
  - Associated Data
- Annual Updates
  - Administrative
  - Environmental
  - Physical Features
  - Survey
  - Transportation (Trails and Rails)



These folders will be cleaned up in coming weeks.

- Monthlycd – this will remain, despite obsolete name!
- *YearExtract* – this will be added



# Attributed Parcels and Points

- Joined data from Property Records and Revenue
- 143 Fields including sections on:
  - Identification
  - Site
  - Tax
  - Plat
  - Value (3 years)
  - Uses
  - Structure





# Attributed Points

- Same attributes as Parcel data
- Contains individual points where we have them for areas like trailer parks and apartments
- Points with Individual Tax records have that data appended to them.



# Data and/or Services?

- Are there datasets that members would like to access as Web Services rather than data extracts?
  - A common “Basemap”
  - Historic Aerial Imagery sets
  - Individual Feature sets
- If published as Web Feature Services, could this replace updates?





# A word on Metadata

- Needs to be updated uniformly
- Issues with MDMG compatibility in ArcGIS 10
- Planned response
  - Include elementary metadata in geodatabase
  - Update complete XML or HTML metadata outside geodatabase structure

# Available Data



# Cadastral Data

- Attributed Parcels
- Attributed Points
- Associated Annotations





# Administrative Boundaries

- Census Blocks, Groups, Tracts
- Voting Precincts
- City Boundaries
- Park Boundaries
- School Districts
- WaterShed



# Other Features

- Physical Features\*
  - Bridges
  - Buildings
  - Dams
  - Tanks
  - Water Towers
  - Railroads
  - Water Bodies
  - Pavement Edges
- Miscellaneous Places
  - Airports
  - Cemeteries
  - Govern't Buildings
  - Emergency Service Locations

\*Physical Features are updated with Ortho Flight (1 every 3 years)



# Physical Environment

- Contours
- LiDAR
- Bathymetry
- Water Bodies (with DNR Lake ID)
- Wetlands





# Survey Data

- PLSS Polygons
- Corners
- Benchmarks



# Transportation Data

- Streets
- Trails
- Railroads