Taxation Initiatives: PAMS, Parcel Normalization, Digital Tax Mapping

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Related, But Separate Initiatives

- PAMS: New system for municipal assessors to enter and analyze tabular data – MOD IV replacement
- Normalization of existing parcel data to create a single data set covering all areas in NJ that have data
- Planning for digital submission of tax maps

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Statewide* Parcel Normalization

- Begin Spring 2008
- Goal: Gather the most current data for each county, edgematch at boundaries, normalize attributes
- Outcome: Counties (or MCDs) continue to be stewards of parcel data, but puzzle pieces can be assembled to create a seamless whole

- *Full statewide coverage can't be achieved yet because not all counties have data

Project Overview

- Reference framework for edgematching will be new statewide muni/county boundary layer due to be finalized spring 2008

- Attribute schema will have minimal attributes, designed to draw from PAMS (or MOD IV) via table joins

- Existing extra attributes in each local data set to be split into separate table

- Create single seamless database, extract child replicas for each county and return to county staff

Scheduling

- Scheduling goal is to accomplish project as quickly as possible without interfering with update activities at the local level

- Schedule for each county will be coordinated with county staff

- Preference is for updates to be frozen during edgematch task to avoid having to replicate changes

Data Dissemination

- Full seamless data set stored at OGIS
- PAMS data joined from database view
- Database access for core Garden State Network (state agency users)
- Via internet, feature service and clip-zip-ship data download

Data Updates

- Data stewardship remains at the local level
- Updates made to county replicas can be synchronized with the statewide replica at OGIS either via network or by shipping CDs.
- Network replication can be automated, can be as often as desired

PAMS Integration

- PAMS uses dataless key internally
- Dataless key not feasible for disconnected systems
- PAMS to GIS join to be based on "GIS PIN"
- Old PAMS PIN formula was fixed-width manipulation of muni code, block, lot, qual:

    1701-000100001-000380001-00001

- New PAMS PIN formula is straight concatenation with delimiter:

    1701_10.01_38.01_C0001

Digital Tax Map Submission

- Current tax map regs require hardcopy submission
- Specs are focused on how things appear on a scaled drawing
- Division of Taxation wants to move to allowing (eventually requiring) digital submission
- Change will require:
  - Rewrite of regulations
  - Retool and retrain state's review unit
  - Phase-in period to allow towns to change over
- Time frame: years

Working Group

- Convened by Division of Taxation
- Goals:
  - Define submission standard
  - Conceptual design of automated review tools
  - Conceptual design of CAD-GIS conversion methodology
  - Propose revised regulations
  - Model RFPs for municipalities

Working Group Members

- Dana Max, Taxation
- Sam DiDonato, Taxation
- Ryan Delaney, Taxation
- Andy Rowan, OGIS
- Bob Marmion, Montgomery Township
- Pat McDonald, Montgomery Township
- Mary Mastro, municipal assessor (several towns)

- Don Walby, Dredner Robin
- Rich Rehmann, Civil Solutions
- Lew Conley, Van Note-Harvey
- Lyna Wiggins, Rutgers
- Kelly Heppe, Camden County
- Ray Bunn, CACI