Oregon Address Repository Project Status

Address information is the basis of most government transactions and services – to provide emergency response and social services, to request tax and utility payments, to analyze and permit regulated activities, and for planning and resource management activities. Portraying address locations accurately and consistently statewide in relation to other features on a map is essential to the efficient provision of government services…and from a public safety perspective, will save lives.

A centralized, web-accessible repository of address point locations, that is built and maintained at the local level by official address authorities, will decrease the effort and cost required for government agencies to interact with Oregon citizens and businesses.

GEO has been pursuing the following activities:

- Collecting all existing address points in their current formats.
  - Current status - some data for all counties. This is a combination of primary data from address authorities in cities and counties, NAVTEQ points purchased in 2010, GeoSolve-produced data developed under contract to Oregon Emergency Management for PSAPs, and address points developed under contract by Spatial Focus, LLC.

- Meeting with addressing authorities at the county and city level to learn more about their addressing processes and seek feedback on the address point database concept.
  - Current status - List of address authorities collected from summit meeting, individual meetings; continuing to compile list of additional address authorities.

- Database design:
  - Connected SQL Server to local instance of ArcGIS
  - Created new schema for staging/loading
  - Copied raw address data for a test dataset (LCOG) into SQL Server loading schema
  - Copied data from loading schema to staging schema
  - Created a SQL script to set primary/foreign keys and foreign key relationships for staging tables, applied this to the test data
  - Currently working on matching street names between staging and production.

- Address standard:
  - Adoption of FGDC standard proposed to Standards Forum. If accepted by community and endorsed by OGIC, will be mandated for state agencies (to be implemented over a several year period), and strongly recommended for others; replaces existing standard
  - Best practices document from National States Geographic Information Council

- Continue meeting with Oregon Emergency Management to ensure that the addressing project meets the business needs of the public safety community. Statewide Address Repository will ultimately replace the Master Street Address Guide as the authoritative source of addresses for public safety and emergency response.