

## **Final Report**

### **MetroGIS Geocoder Web Service Enhancement Project**

Project funded through MetroGIS 2009 project funds: \$1,000  
Final Report: Draft Nov. 30, 2009  
Prepared by Nancy Read, MMCD

As outlined in the MetroGIS Geocoder (2007 project fund year) final report (Dec. 2008), there were several items of continuing work needed on the geocoder to improve output to meet user's expectations. These have been addressed in this enhancement, as follows:

1. Change candidate matches returned such that alternate street names are more likely to be presented than alternate house numbers on the same street.
  - Completed.
2. Change how original street name is returned so that parsings of the name are not in conflict with returned name – for example, for “County Road B” do not return “County Road County Road B” (County Road parsed into PreType, then returned in addition to original name format)
  - Completed
3. Allow entry of House Number + Street Name as a continuous string rather than requiring splitting into separate fields.
  - Completed

Change #1 is already implemented in the active web service at MnGeo. A revised version with the other above enhancements is currently being loaded on the MnGeo server and will become active shortly.

Changes will be announced on the Metro Geocoder web page,  
<http://www.metrogis.org/data/apps/geocoder/index.shtml>

**In addition to the above changes, a number of small errors in parcel data files and/or pre-processing have been found and either corrected or reported to Counties for correction.**