Create Your Batch File – User Instructions

File Information & Structure

The file should be a text file with a .txt extension. Within the file, each individual address record should be on a line with commas separating each element. In the case where an element already has a comma, you should enclose the element in quotation marks.

You can use Microsoft Excel or Microsoft Access to generate the batch file.

- **DatabaseId** - Information to link the output data back to your database. Leave blank if not available.
- **Company/Last Name** - If provided, the service will attempt to resolve the unit number for the address. Leave blank if not available.
- **Address1** - Street number and name (including pre-directional and/or post-directional, and suffix/street type) or Post Office box number.
- **Address2** - Secondary address unit designator and number (such as apartment or suite number). If address1 can be verified, address 2 will not be processed (unless it contains unit information). If address 1 cannot be verified, then address2 will be processed and if verified, will be swapped with address1.
- **City** - The city for the address.
- **State** - The state for the address.
- **Zip Code** - The Zip code for the address
- **Plus4** - The Plus4 for the address

Optional Job Parameter File

Allows per batch changes to default settings. This file is only needed if you need to change the default settings. The file should be named the same as your batch file with _job.txt appended to the end. For example, if your batch file is named test.txt, the job parameter file would be named test_job.txt. The parameter and options are:

- Quality
  - **Good** - runs the fastest, but only basic checks and corrections are performed.
  - **Better** - this is the default. Runs slower than Good, but more checks are performed.
  - **Best** - runs the slowest. If you have business or customer names in your batch file, this option can validate units and suites.
- Result
  - **Terse** - This is the default. Only the result codes are returned.
  - **Verbose** - a description of the result code is returned with the result codes. Dramatically increases the batch output file size.
- Abbreviations
  - **Yes** - this is the default. Address standardizations are returned with abbreviations for pre and post directionals, the street type, and units.
  - **No** - address standardizations are returned with pre and post directionals, the street type, and units non-abbreviated.
- Functions

- **ac** - this is the default. Input addresses will only be standardized and corrected.

Batch Process Your File

Click and drag your input file and drop it on the WAMAS Batch shortcut on your desktop

Review Output

From the Input File - All Fields Prefixed With "in"

- **inDatabaseId** - The input database identifier.
- **inCompany** - The input company or resident's last name.
- **inAddress1** - The input address line 1
- **inAddress2** - The input address line 2
- **inCity** - The input city name.
- **inState** - The input state
- **inZip** - The input ZIP code
- **inPlus4** - The input Plus4

From the Address Correction Service - All Fields Prefixed With "ac"

- **acCompany** - The output company or resident's last name. Note: This value is not changed from the input.
- **acAddress1** - The corrected and/or standardized address line 1.
- **acAddress2** - The output address line 2.
- **acCity** - The corrected and/or standardized city name.
- **acState** - The corrected and/or standardized state.
- **acZip** - The corrected ZIP code.
- **acPlus4** - The corrected Plus 4.
- **acCounty** - The county of the address.
- **acCountyFips** - The county FIPS code of the address.
- **acNumber** - The parsed address number.
- **acPreDir** - The parsed pre street directional.
- **acStreetName** - The parsed street name.
- **acStreetType** - The parsed street type.
- **acPostDir** - The parsed post directional.
- **acUnitNum** - The parsed unit number.
- **acUnitType** - The parsed unit type.
- **acAddressType** - The type of address that was corrected. Common values would be Highrise, Street, and PO Box.
- **acRBDI** - Identifies if an address is considered a residential or business address.
- **acGarbage** - Information that was not considered from the street address.
- **acFound** - Flag to indicate whether the submitted address was found or not.
- **acStatusCodes** - Long description of status codes returned from the service. Only populated if result,verbose option set in parameters file.
- **acErrorCodes** - Long description of error codes returned from the service. Only populated if result,verbose option set in parameters file.

- **acChangeCodes** - Long description of change codes returned from the service. Only populated if result,verbose option set in parameters file.
- **acResultCodes** - All codes returned from the service. Download the code definitions.

From the Geocode Service - All Fields Prefixed With "gc"

- **gcAddress1** - Address that was returned from the geocode service. Note: This might be different than the acAddress1.
- **gcCity** - The city name returned from the geocode service.
- **gcState** - The state returned from the geocode service.
- **gcZip** - The ZIP code returned from the geocode service.
- **gcPlus4** - The Plus 4 returned from the geocode service.
- **gcNumber** - The parsed address number.
- **gcPreDir** - The parsed pre street directional.
- **gcStreetName** - The parsed street name.
- **gcStreetType** - The parsed street type.
- **gcPostDir** - The parsed post street directional.
- **gcUnitNum** - The parsed unit number.
- **gcUnitType** - The parsed unit type.
- **gcXCoord** - The longitude returned for the address referenced to the World Geodetic System (WGS) 84.
- **gcYCoord** - The latitude returned for the address referenced to the World Geodetic System (WGS) 84.
- **gcLocatorName** - The name of the locator used that supplied the gcXCoord and gcYCoord values. Refer to gcGrade for more information about the locators.
- **gcGrade** - The grade of the locator used. Higher grades do indicate higher quality address information. A "C" or better indicates that the point represents an actual address. A "D" or worse indicates that the point represents either the ZIP+4, ZIP Code or city and you might need to look at improving the address to improve the grade.
    - "A" = X/Y Coordinate is from the Washington State Master Address File. Currently not available!
    - "B" = X/Y Coordinate is from Navteq Point Addresses
    - "C" = X/Y Coordinate is from Navteq Street Addresses or Parcels
    - "D" = X/Y Coordinate is from Navteq ZIP+Plus4
    - "E" = X/Y Coordinate is from Navteq ZIP Codes
    - "F" = X/Y Coordinate is from Navteq City/Place.
- **gcScore** - Relative score returned from the locator. A higher score here only represents a better match within the locator or grade. Another way to visualize this is if you have a gcScore = 90 and a gcGrade = B you could think of it as a B+.
- **gcWAMASId** - Not presently populated, but will be in the future. If the address was found in the Master Address File (MAF), a unique identifier is returned. This unique identifier can be stored in your database. In the future, it will be possible to use the WAMAS ID to get updates for the address.
- **gcResultCodes** - All codes returned from the service.

- **gcStatusCodes** - Long description of status codes returned from the service. Only populated if result,verbose option set in parameters file.
- **gcErrorCodes** - Long description of error codes returned from the service. Only populated if result,verbose option set in parameters file.

Things to Be Aware Of

Pretty uncommon, but be aware that some applications, including Microsoft Excel, can embed a line feed in a field. The batch program views this as a new line and will process your single record as two records.