

## New ArcGIS 9.3 Statewide Address Locator for Geocoding

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Update 8/13/2009: The link below pointed to the wrong file on our FTP site. If you've downloaded this from the link before today, you'll want to download again and replace your existing .loc file.

A new ArcGIS 9.3 compatible composite address locator is now available from the agrc ftp site. To download, right click on the link below and select Save Target As:

[ftp://ftp.agrc.utah.gov/SGID93\\_Vector/NAD83/AddressLocator/GC93\\_StatewideRoads\\_COMPOSITE.loc](ftp://ftp.agrc.utah.gov/SGID93_Vector/NAD83/AddressLocator/GC93_StatewideRoads_COMPOSITE.loc)

After saving this file, make sure the file extension is .loc NOT .loc.txt This a file-based locator file with a .loc extension. This small file references 4 address locators on the SGID ArcSDE database server and can be used from ArcCatalog or ArcMap. The composite locator references the SGID93.Transportation.StatewideRoads feature class and its S\_NAME, ALIAS\_1, ALIAS\_2, and ACS\_NAME fields.

It should not need to be rebuilt as changes are made to the SGID93.Transportation.StatewideRoads feature class . A high speed internet connection is necessary for this locator to perform adequately.

The SGID93.Transportation.StatewideRoads feature class contains several attributes to hold alias street names and address coordinate system (ACS) aliases. Examples.

- Broadway is a street name alias for 300 S in Salt Lake City
- Highway 68 is a street name alias for Redwood Road in SL County
- 1700 W is an ACS alias for Redwood Road in SL County

When setting up a standard address locator in ArcGIS, these fields are not taken into consideration in finding candidate locations for an address to be geocoded. A composite address locator allows for the alias and ACS alias data to be used to make a match when a match is not found when just considering the street name field (S\_NAME).

Why is this being distributed as a file? Composite address locators do not currently work when stored within ArcSDE.