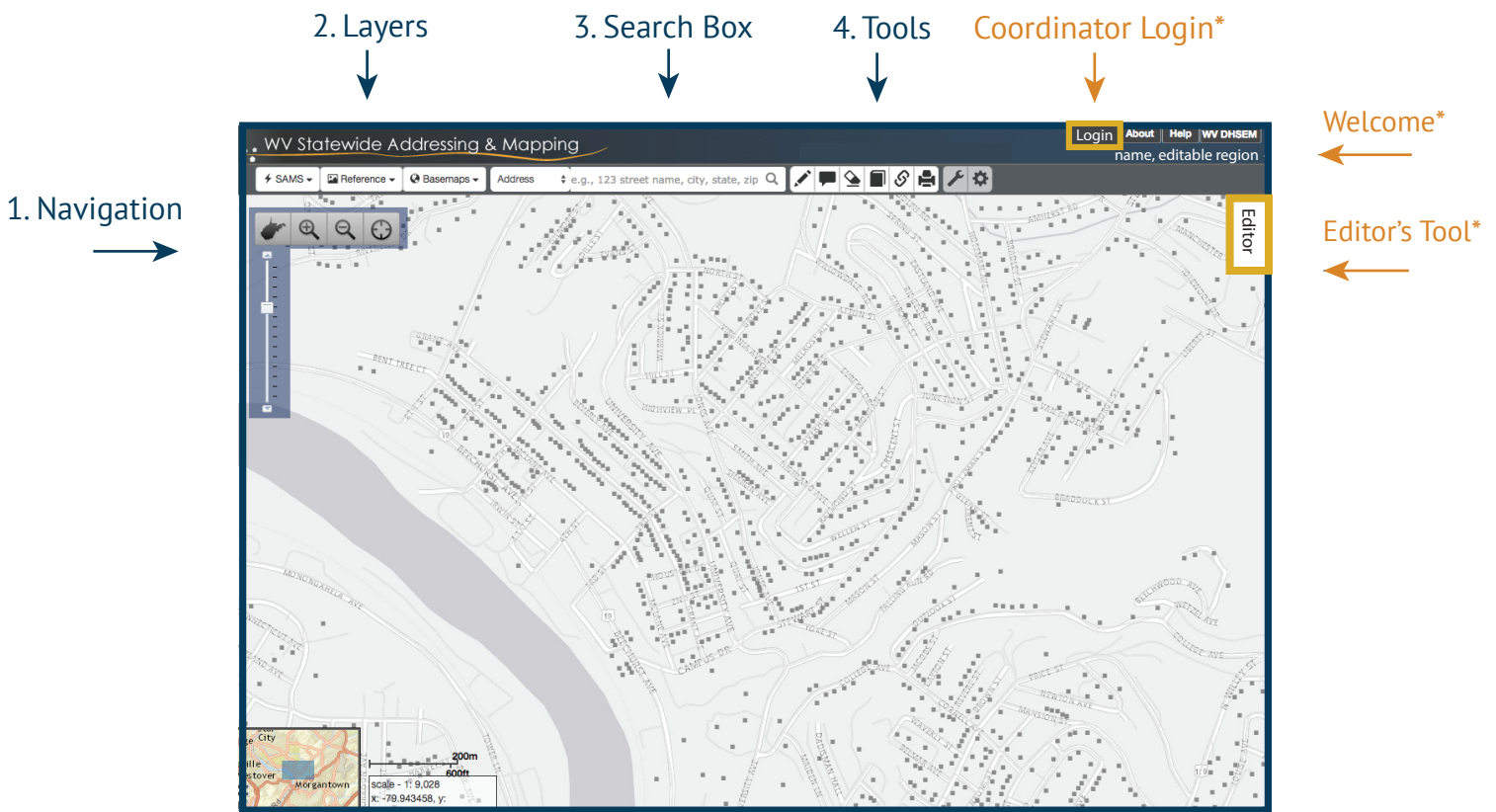


SAMS-II Application

* only available in Coordinator View



1 Navigation

Zoom In / Zoom Out with the scale bar

Zoom In using "Shift + Left Click"

Pan using "Left Click" and drag

Zoom Extent by clicking on the WV

3 Search

Select the search method from the dropdown method:

- Address
- Name (GNIS)
- Parcel
- City
- Map Coordinates
- County
- Geographic Place
- USGS Topo Quad.

Type desired search location into search box & press ENTER.

2 Layers

Use layers to customize map

SAMS:
Addressing Layers

Reference: Roads, Streams, Boundaries.
PlaceName, WV Parcels and WV Watersheds

Basemap: Chose from multiple basemaps including street maps or aerial imagery

4 Tools

Measure: Measure distances and areas

Share: Create a web link to share a location

Markup: Add notes to map

Print: Print a map

Eraser: Remove Mark-ups and Measure graphics

Utilities: Advanced tools or Import/Export

Bookmark: Bookmark map to return to a location

Preferences: Save your preferred basemap, and other editing options

SAMS-II Edit

SAMS-II Editing tools are available to WV County Address Coordinators and authorized users for the purposes of maintaining addressing data used for emergency management.

Login



Editor Rules

- User must be logged in
- User can only edit within designated region
- Editor enabled at 1:4,515 scale or greater
- Editor functions are divided by Points, Lines, Names, Polygons

*Editor Tools enabled at

Editor Tools



Editor Tools

Site

The Site tab allows selection and edits of point features:

Site Address Points - represents point (X,Y) locations for all structures, addressable and non-addressable.

Address entrance points - represents the location where the public, or a service provider, would gain access to the specific site or service delivery address.

Address Point - used to mark locations on the road centerline for addressing a site.

MSAG

The Master Street Addressing Guide is a dynamic table using data from the Road Centerline featureclass, MasterStreetName Table and MasterStreetNameJoin.

Master Street Name Table - A table used to store a master list of valid street names.

Master Street Name Join Table - A table used to relate the MasterStreetName table to the road centerline and site address feature classes.

Street

The Street Tab allows selection and edits of line features:

Road Centerline - represents all road segments in local government that support 911 address maintenance, address geocoding and other mapping tasks.

The SiteLine - represents Drop Lines, Access Lines and Driveways associated with Site Address Points. Site Lines are generally associated with a road centerline and Site Address Point.

Zones

Emergency Service Zone - This section is reserved for future development..

SAMS-II Editor's Toolbar

The edit tools available depends upon the Editor Tab and type of features being edited. Not all tools are available on all tabs.



Select By Rectangle



Select By Polygon



Select By Attribute Search



Remove from Selection



Clear Selection



Split Selected Line Feature



Merge Selected Line Features



Delete Selected Features



Delete All Selected Features



Save Attributes



Undo



Redo

Select by Attribute

The select by attribute allows users to select all features that meet a search criteria. User must specify the target search layer, field and criteria. Ex. Select Site Points where ESN = 1234

Layer:	Site Point	Field:	Emergency Service
Text:	1234	Match:	exact match

Update all selected features

Batch Update

When this box is checked, all selected features will change according to the fields checked for update.

Workflow:

- 1) Select Features
- 2) Check the Batch Update checkbox
- 3) Choose Attribute Fields to update
- 4) Edit Specific Attributes
- 5) Save Attributes

Batch Update [Batch Update Setting](#)

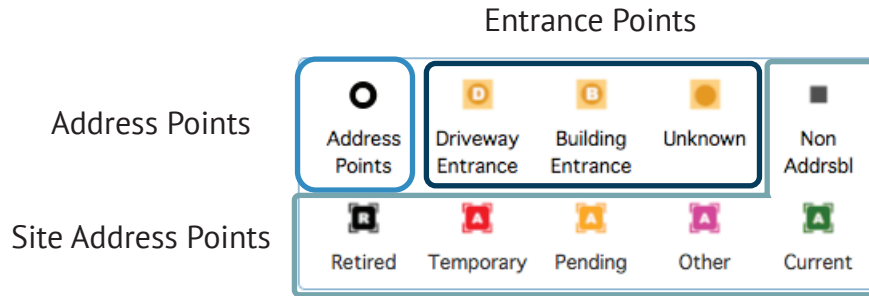
Note: Specify Attribute Fields below. Update current record attributes. All attribute changes are applied immediately.

Specify field(s):

Note: The Batch Update tool will update attributes for all selected feature based upon changes to the current feature's attribute table.

Site Editing

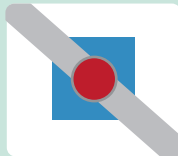
Use the **SITE** tab to select and edit site address points.



Create Site Address Point

features represent point (X,Y) locations for all structures, addressable and non-addressable. Each point represents a single structure, typically situated on the centroid of the structure polygon, or a unique address location.

- 1) Create an **Address Point** or Click the **Link Address** button
- 2) Use the "Link Address" button to Link the Address Point to the Site Address Point*
- 3) Click on the Site Address Point feature palette
- 4) **Left Click** on the map location to place the new Site
- 5) Complete the attributes



Address point ID
Address prefix
Address suffix
Address number
Address range
Unit type

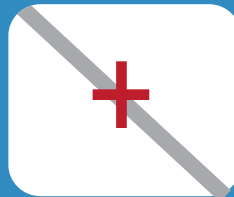
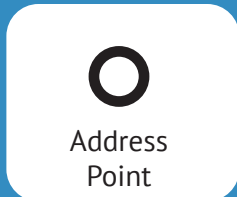
*The Link Address tool is not the same as using the Select tools. You must use the Link Address button when linking Address Points to Site Address Points. Note that the graphic is different for Selected features and linked features.

**You can create a Site Address Point without linking to an Address Point, but it will not inherit the suggested Address Number, Road Name or other suggested properties.

Create Address Point

features used to mark locations for addressing data. Address points should be located on a road centerline and are used to assign address numbers derived from the road centerline, and road centerline name.

- 1) Click the **Address Point Tool**
- 2) Use the "**CTRL + left click**" to snap to an existing road
- 3) Complete the attributes



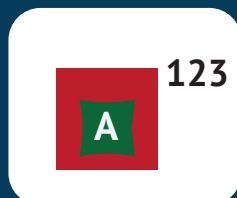
Address point ID
Address prefix
Address suffix
Address number
Address range
Unit type

* Address Points must be snapped to a road centerline. ** The Address Point is not on a road centerline and has been removed.
***Address Points may be used for both Even and Odd Site Address Points

Create Entrance Point

represent the location where the public, or a service provider, would gain access to the specific site or service delivery address. Ex, service driveway or alternate building entrance.

- 1) Use the "Link Site" tool to Link the Entrance Point with the Site Address Point
- 2) Box the Site Address Point to link the Entrance
- 3) Use the **Entrance Point Tool** to place the new entrance
- 4) Complete the attributes



Address point ID
Address prefix
Address suffix
Address number
Address range
Unit type

Street Editing

Use the **Street** tab to select and edit street lines.

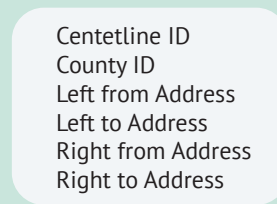
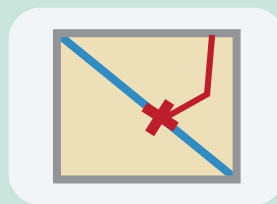
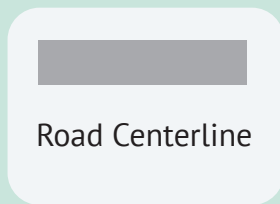
Road Centerline



Site Lines

Roads

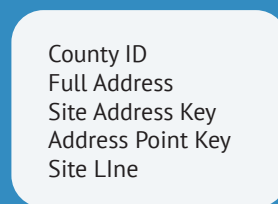
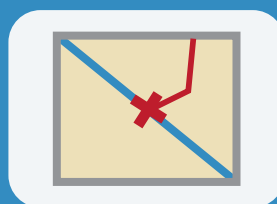
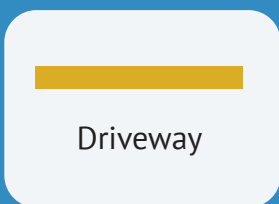
- 1) Click the **Road Centerline** button to digitize a new road*
- 2) **"CTRL-left click"** to snap a new road segment to an existing road. Double click to finish the line
- 3) Complete the attributes
- 4) Click Save Attributes



* Road name must exist in MSAG prior to naming road. See page ____ for MSAG Guide

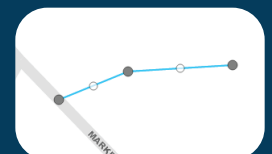
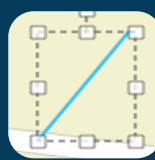
Site Line

- 1) Click the **SiteLine** button to digitize a new site line
- 2) **"CTRL-left click"** to snap a new road segment to an existing road. Double click to finish the line.
- 3) Complete the attributes
- 4) Click Save Attributes



Edit

- 1) Click the road (be sure no tool is activated) to select
- 2) Once the road is selected, hover your cursor over the road to enable the grip tool
- 3) Move the grey vertice to change the shape. Move the white vertice to add vertices your edits



*Users can move the entire geometry once the feature is selected, but this operation can not be undone! **If a user changes the geometry of a road centerline, the From- To attributes do not change automatically, you may need to update them manually.

Search Street Name

Search by Street Name →

Features Returned(?) →

Turn on/off records

Default Sort Order

Show Selected Records

Clear Selection

Show/Hide Columns

Click columb header to sort rows in ascending/decending order.

Click on entry row and map will zoom to selected street.

Options

- ID
- STCOFIPS
- FULLNAME
- FEDROUTE
- CTYROUTE
- MSAGLEFT
- MSAGRIGHT
- ESNLEFT
- ESNRIGHT
- FromAddress
- ToAddress

STCOFIP	FULLNAME	MSAGRI	ESNRIG	FromAd	ToAdd
54001	BROWN AVE	270	0	1	1054
54001	BROWNING RIVER RD	273	0	1	260
54003	BROWN RD	0	0	1	1476
54005	BROWN BRANCH RD	511	900	0	0
54005	BROWN MOUNTAIN RD	0	0	0	0

Create Street Name

Step 1

To create new Street Name

1. Type Road Name
2. Select Road Features
3. Click "Validate"

Search Street Name | **Create Street Name**

Specify corresponding road information in the following section.

Full Name: W Brown Aly N

Road Pre Modifier:

Road Prefix: West North South East West

Road Name: Brown

Road Type: Alley Alley Annex Arcade Avenue

Post Direction: North North South East West

Road Post Modifier:

Validate **Cancel**

Annotations: 1 points to Road Name; 2 points to Road Prefix and Post Direction; 3 points to Validate button.

Step 2

If street name does not exist, users will be prompted to click "Create New Street Name" button.

Create new street name **Cancel**

Step 3

Once a new street name is created a success message will appear.

Street Name created successfully.

Create Street Name

Road Centerline

Full Road Name:

Select name from list

Select:

(Name and its properties will be added to the editor below)

Street Name Properties

Assign new street name

Search MSAG (input part or whole name)

Search:

(Search results will show up in dropdown list below)

Select name from list

Select:

Edit name properties

(Road Segment Name not linked to MSAG.)

Full Road Name:

Centerline ID:

County ID:

Left From:

Left To:

Right From:

Right To:

One Way:

Above/Below Grade:

In Water:

Road Class:

Street Name Properties

Assign new street name

Search MSAG (input part or whole name)

Search:

(Search results will show up in dropdown list below)

Select name from list

Select:

(Name and its properties will be added to the editor below)

Edit name properties

Current name:

Centerline ID:

County:

Name ID:

Name Order:

Road Class:

Road Side:

Historical:

Remove Name AL BROWN RD