



Emergency Management Response System's Mapping Module



Field Responder + DeLorme Street Atlas USA 2008 Plus

General Information/Tips

- ▶ **EMRS Help Desk Phone #** 1-877-944-8457
- ▶ **About the Veterinary Services' Emergency Management System's Mapping Module** – Consists of three toolsets:
 - Site Planner – helps you to quickly locate premises on maps, using a variety of search criteria.
 - Field Responder – lets you import premises data into third-party software applications in order to customize/generate/view/print detailed maps for use by animal disease investigation personnel.
 - Incident Analyzer – assists you in performing geographic visualization and analysis work for use in animal disease investigations.
- ▶ **This Job Aid** – documents the procedures for using the Field Responder tool specifically with DeLorme's Street Atlas USA 2008 Plus, a third-party geographic data-sharing/viewing software application.
- ▶ **About Field Responder + Street Atlas USA 2008 Plus** – This toolset lets you:
 - Import your Site Planner premises file and display premises locations on the map.
 - Select symbols to represent the locations of your premises records.
 - Create routes between all your premises locations to organize your investigation.
 - Print your map and route information.
- ▶ **Assumptions** – This Job Aid assumes that:
 1. You have downloaded premises files from Site Planner and are ready to import them into Street Atlas.
 2. You have installed Street Atlas USA 2008 Plus on your computer.

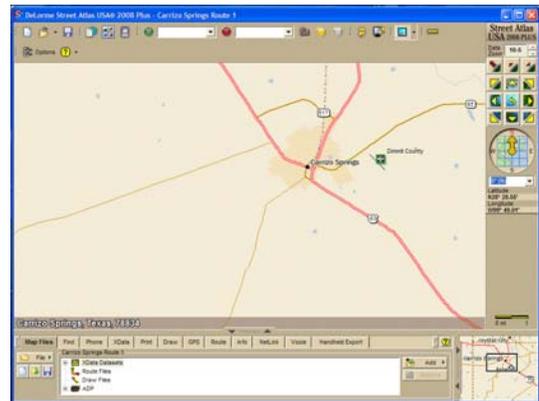
Note: File formats supported by Street Atlas include the tab-delimited Site Planner premises files.

Task 1:

Starting Street Atlas USA 2008 Plus

To launch Street Atlas double-click on the Street Atlas icon  on your desktop. This will open the Street Atlas Main screen (shown at right). On it you will see the following major elements:

- **Toolbar** – A set of buttons at the top of the screen above the map view. These buttons enable you to customize, manipulate, view, and print your maps.
- **Map View** – appears below the Toolbar. This view shows over 50 layers of map features including roads, highways, rivers, lakes and urban areas. It also shows point features such as Airports and Hospitals.
- **Control Panel** - located to the right of the map view. This element displays information pertinent to the current map view and map cursor position. It also includes zoom and map pan buttons.
- **Overview map** - a smaller map in the lower-right corner of the screen, which offers a wide-angle view of your current map view area. It is approximately three data zoom levels out from the current map view.
- **Tab Area** – the twelve tabs at the bottom of the screen. These tabs provide the most detailed functionality including importing data, routing, logging GPS data, searching for locations, and printing maps and data.



Task 2: Importing Site Planner Data

Use the following steps to import a Site Planner premises file into Street Atlas.

1 On the Street Atlas Main screen, in the Tab Area, click the **XData** tab to open the XData dialog area.

Note: Look in the Available Datasets block to see if there are any existing datasets displayed. A check mark in a dataset's check box indicates that the dataset is being displayed on the map. Clear the check box to delete the dataset's symbols from the map view.

2 Click **Import** to open the Import Wizard.

3 On the Select Data Source screen, click **Data Source** to locate and select the desired file from the Microsoft Open dialog box. Then click **Next**. The Select Schema Screen appears.

Note: If your file is not available in the directory as expected, you may need to change the file type in the **Files of Type** drop-down list to the **All Files** option. This will show all the files in the directory.

Importing Site Planner Data (more)

- 4 Select **Tab-delimited** in the Schema Type.
- 5 Click the **First Row is Header** check box.
- 6 Click **Next**. The Assign Field types Screen (at right) appears.



Importing Site Planner Data (more)

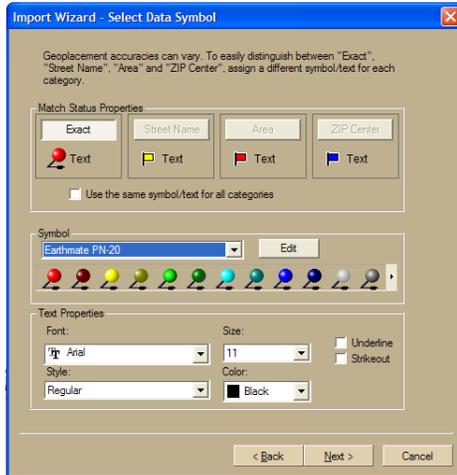
7 Select only one column header you want to display as a label on the map using the available radio buttons in the **Display on Map** row.

Note: This label is optional. If you do not want a label to appear on the map, be sure to uncheck any checked selections.

8 Select **Latitude Longitude (WGS84)** as the **Locate by** method.

Note: Prem ID data have Lat/Long coordinate points that can be used by the **Locate by** feature.

9 Click **Next**. The Select Data Symbol Screen (at right) appears.



10 Under Match Status, click **Exact**.

11 Check the **Use the same symbol/text for all categories** check box to identify all of your records on the map using the same symbol.

12 Select a **symbol type** from the drop-down menu in the **Symbol** box.

13 Click **Next**. The Data Options screen displays.

14 Type a name for the Site Planner premises file in the **Dataset Name** field along with any additional identifying comments in the **Comments** field. The default name is the Site Planner premises filename.

15 Click **Finish**. A progress bar displays with the status of matched records. When the import process is complete, the dialog box automatically closes, the dataset name displays in the Available Datasets list, the geographic area of the map view is shifted to the extent of your imported data, and the symbol you chose displays on the map for every record which was successfully geolocated.

Task 3: Create & Manage Travel Routes

Subtask 1: Creating Routes

Use the **Route** tab in Street Atlas to create a route, view route directions, edit a route, display routes on a map, and plan your investigation.

1 Click the **Route** tab and then click the **New/Edit** subtab.

2 Click **File**, click **New**, and then type the name for your route in the Name field.

Create & Manage Travel Routes (more)

3 To begin a route, use either method below:

- Click the **Start** button  on the toolbar. Next, click on the **Prem ID location** on the map where you want to begin your route.
- Right-click the map location where you want to begin your route. A shortcut menu displays. Point to **Create Route** and then click **Set as Start**.

4 To finish a route, use either method below:

- Click the **Finish** button  on the toolbar. Next, click on the **Prem ID location** on the map where you want to end your route.
- Right-click the map location where you want to end your route. A shortcut menu displays. Point to **Create Route** and then click **Set as Finish**.

5 *Optional:* You can add stops and vias to a route. A **stop** is a location in the middle of a route where you want to stop and then proceed from. A **via** is a point (location or specific road) on the map that you want to specifically use when routing.

- a. Select either the **Add** option or **Insert** option. (The **Add** option will insert stops and vias in the same order that you add them to the route. The **Insert** option will add stops and vias in the order they would be encountered by someone actually traveling along the route.)
- b. Click the **stop** button  or the **via** button . Then click the location on the map where you want to position that stop/via.
- c. Repeat Step 5b for each additional **stop** or **via** you want to add to your route.

6 Select a route type (**Road-Shortest** or **Road-Quickest**) from the available drop-down list.

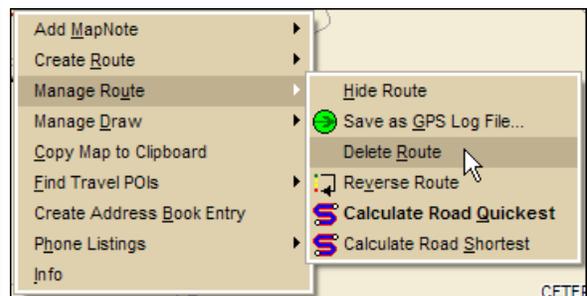
7 Click the **Go** (calculate) button  in the toolbar.

Subtask 2: Deleting Routes

Use the right-click functionality in Street Atlas to delete routes.

1 Right-click anywhere on the route itself. A cascading pop-up menu will appear.

2 In this cascading menu, select the **Manage Route** and **Delete Route** commands (shown below). The menu then disappears.



3 The map refreshes and no longer displays the route you just deleted.

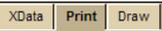


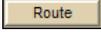
Field Responder + DeLorme Street Atlas USA 2008 Plus

Task 4: Printing Route Maps & Information

Printing Route Maps & Information (more)

Use the following steps to print an existing route.

1  Click the **Print** tab in the Tab area.

 Then click the **Route** subtab.

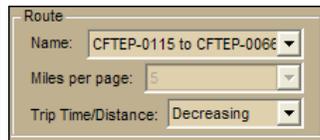
Note: If you do not have a route on this Map File, Street Atlas provides the following comment in the Route block: "There is no route available to print." Use the **Route** tab to create a route or add a route to your Map File using the **Map Files** tab.

2  Click, to open the Print Setup dialog box and select a printer, change printer properties, select a background, select paper size, and select paper orientation.

Note: If available under Printer Properties, set the graphics mode to use raster graphics and set TrueType fonts to print as graphics.

3 Click **OK** when finished.

4 Select the route you want to print from the **Name** drop-down list (shown below) in the **Route** block.



5 In the **Options** block, Street Atlas gives you different ways of printing route maps and information. Select from the following choices by clicking in the appropriate check boxes:



- **Overview** – Provides a map of your route and the route summary (trip distance, trip time, start, total stops, and finish).
- **Travel Package** – Provides maps of the route with corresponding directions.
- **Turn Details** – Prints 2" x 2" maps of each of the turns in your route directions.
- **Directions** – Provides action-based directions (turn, merge, bear, depart, arrive, and continue) including the time frame for each action.
- **Along the Way** – not offered by Field Responder.
- **Strip Maps** – Provides detailed maps in the direction of travel of the route along with directions which appear in the map margin. Strip maps are not printed North Up like other printed maps. They are printed so that the direction of travel is always at the top of the printed map.

6 If you selected **Travel Package** or **Strip Maps** in step 5, select the miles per page that you want your route to cover from the **Miles Per Page** drop-down list on the **Route** block as shown in step 4.

Note: When setting the number of miles per page, keep in mind that the number of miles is not the distance of the route. Instead, it equals the width of the strip map and determines the scale of the map.

7 If you selected **Directions** or **Travel Package** in step 5, use one of the following methods:

- Select **Increasing** from the **Trip Time/Distance** drop-down list in the **Route** block as shown in step 4 to begin the route directions at zero and end the route directions with the total time and distance.
- Select **Decreasing** from the **Trip Time/Distance** drop-down list to start the directions with the total time and distance and end the directions at zero (similar to a countdown).

8 *Optional:* Click  to see a preview of your selection.

9 Click  to make a hardcopy printout of your selection.