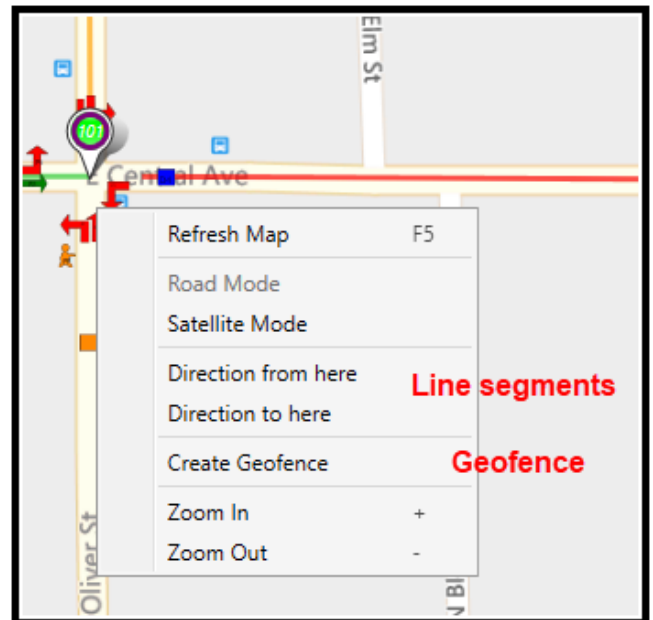# Tech Note 3106: ATMS Line Segments and Geofence Considerations

This TecNote discusses updated software that is available in ATMS that allows the user to add Line Segments or Geofences to the Bing Map.   Line segents are used to monitor congestion and Geofences were added in ATMS version 2.10.1 and are used to track Transit vehicles (SunRail) on the Bing Map.
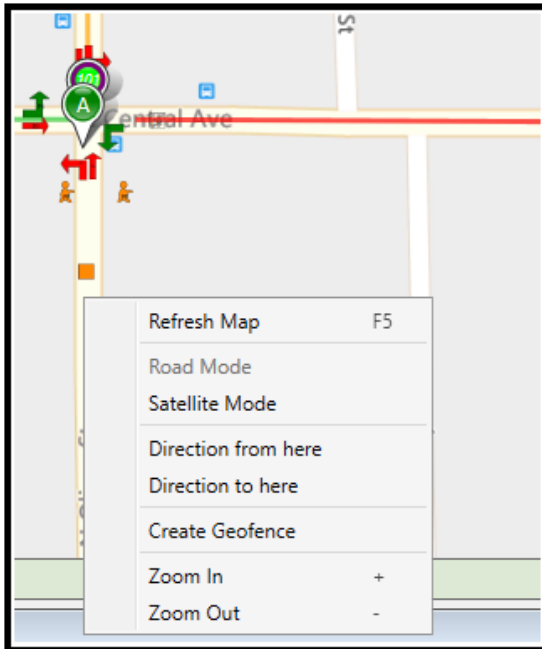
Bing Map Navigation

Editing segments for Line Segments (Congestion lines) and Geofences (Rail Adaptive Module) can be easily done on the Bing Map under the **EDIT** mode. Select the controller and then go to the Map edit mode. Right click and you will see the following selection menu:
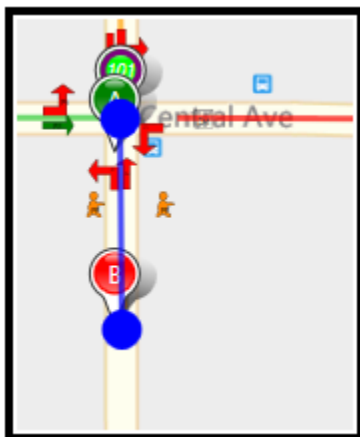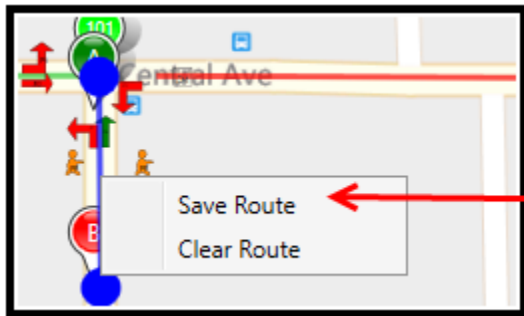
Line Segments

1) Select the intersection

2) Point your mouse at the starting point

3) Right click and with the left mouse button click on "***Direction From Here***". You will see a pushpin with an "***A***" be displayed.

4) Point your mouse at the ending point

5) Right click and with the left mouse button click on "***Direction To Here***". You will see a pushpin with an "***B***" be displayed.
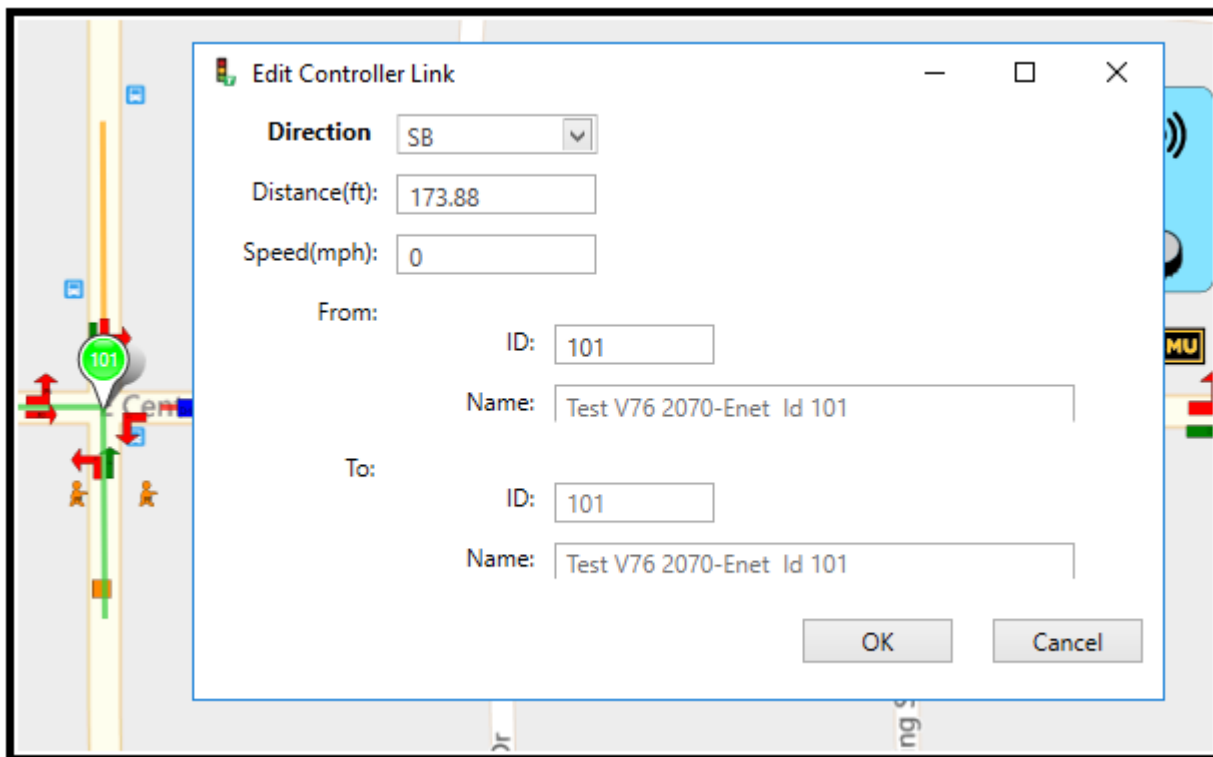
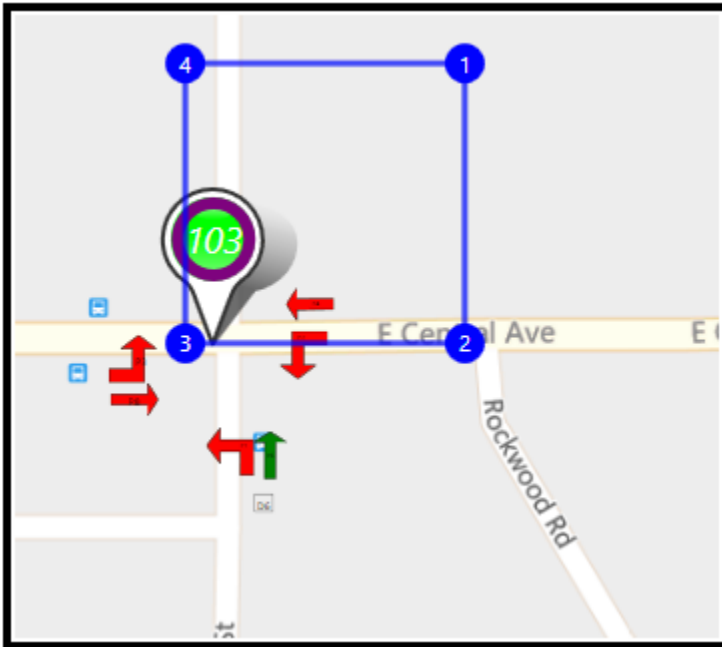6) Click on the segment and choose "***Save Route***".

7) Go to the View Mode

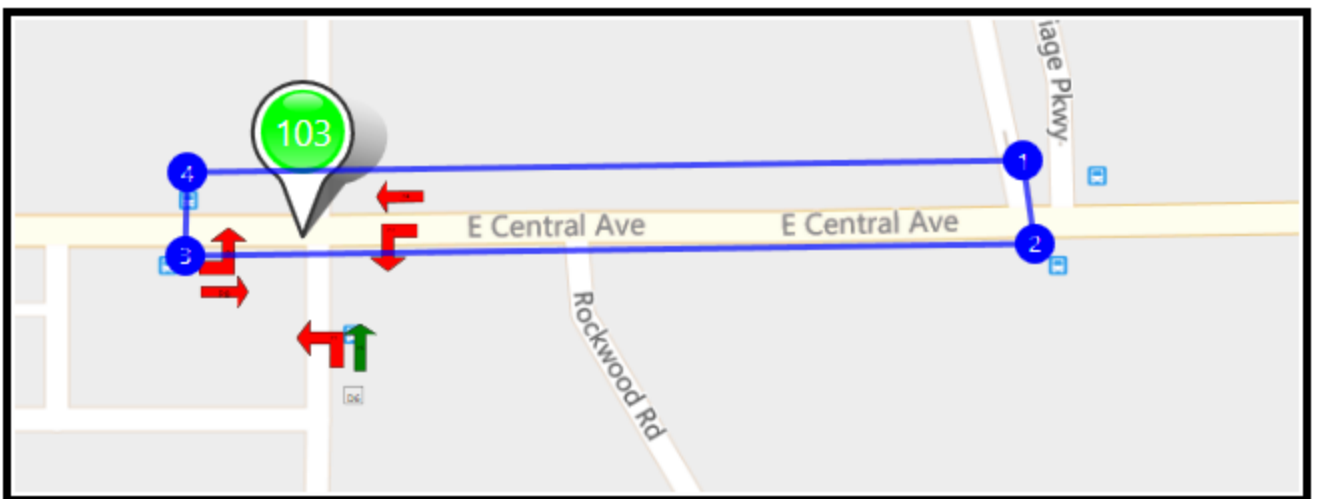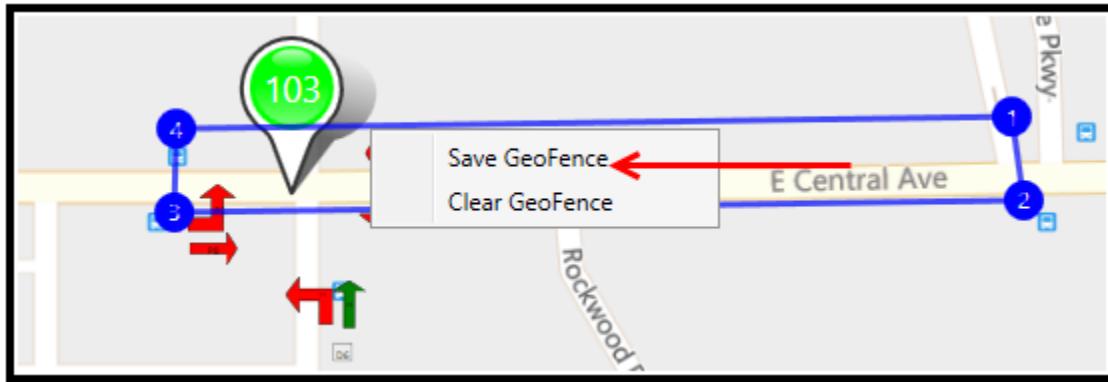8) You can then right Click on the line segment and choose Properties to sect the data.

Geofences

1) Select the intersection

2) Point your mouse at the starting point

3) Right click and with the left mouse button click on "*Create Geofence*". You will see a 4 Pushpins that create a fence.
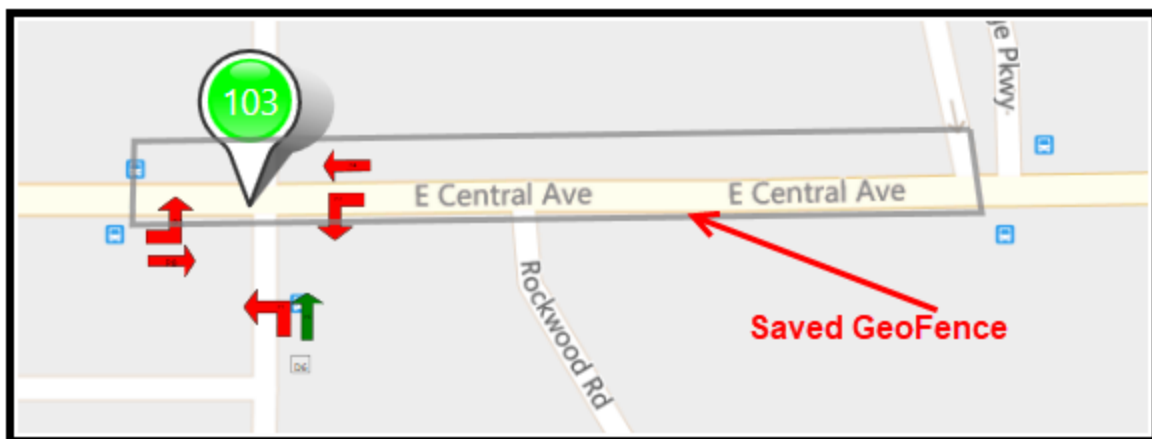

4) Point your mouse at each Point and modify the fence layout to create the area that is valid for the Rail adaptive vehicle to travel through.
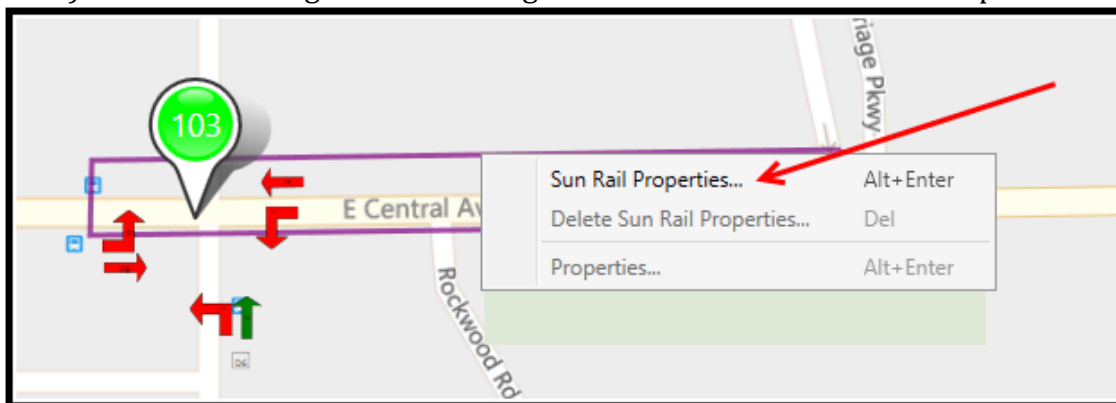

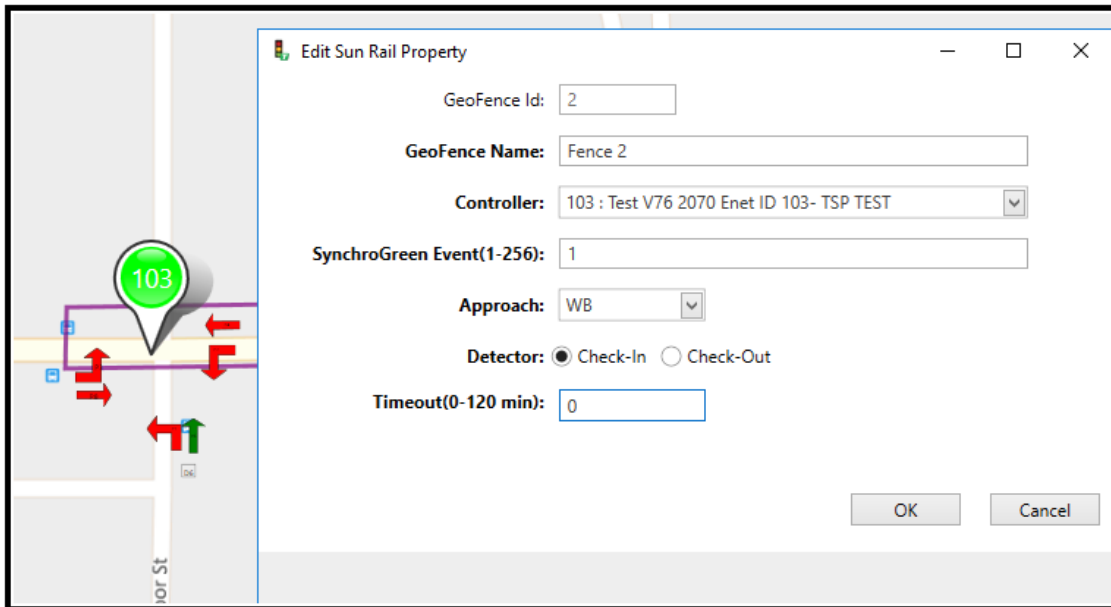5) Click on the segment and choose "*Save GeoFence*".

6) Go to the View Mode

7) You can then right Click on the geofence and choose Sun Rail Properties to edit the data.

Summary

Adding Line segments for Congestion monitoring or Geofencing for transit vehicle monitoring can be done simply in ATMS.