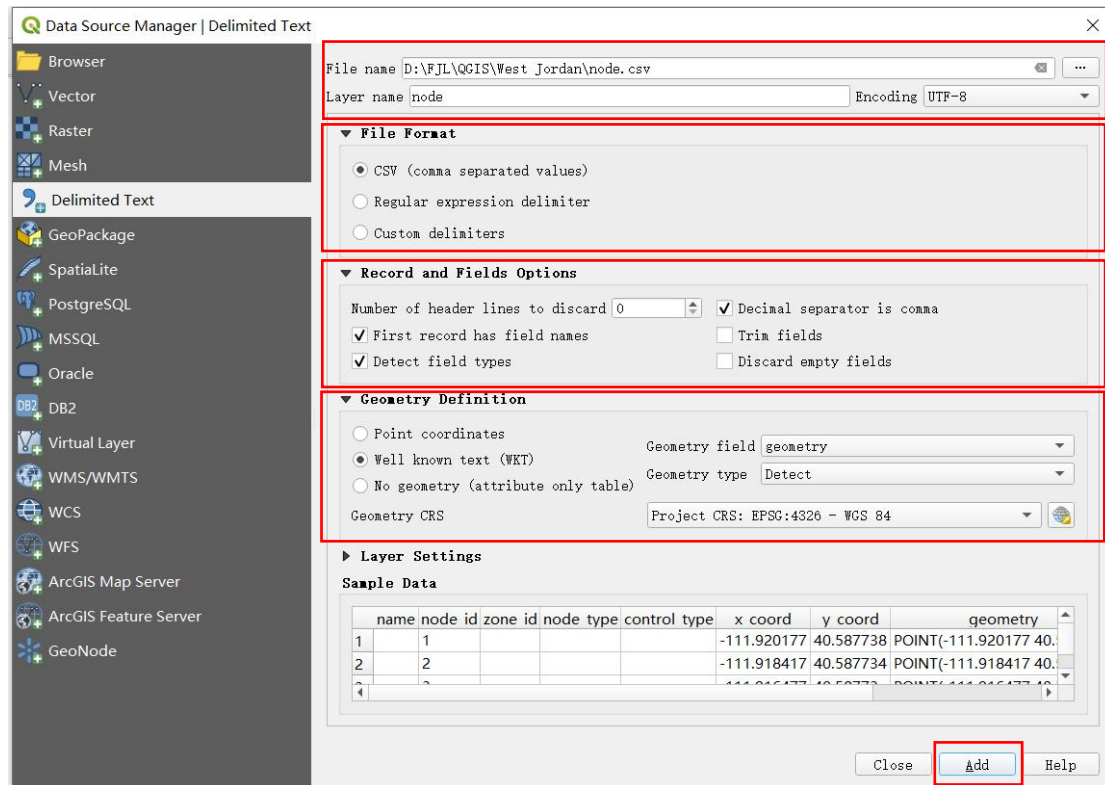


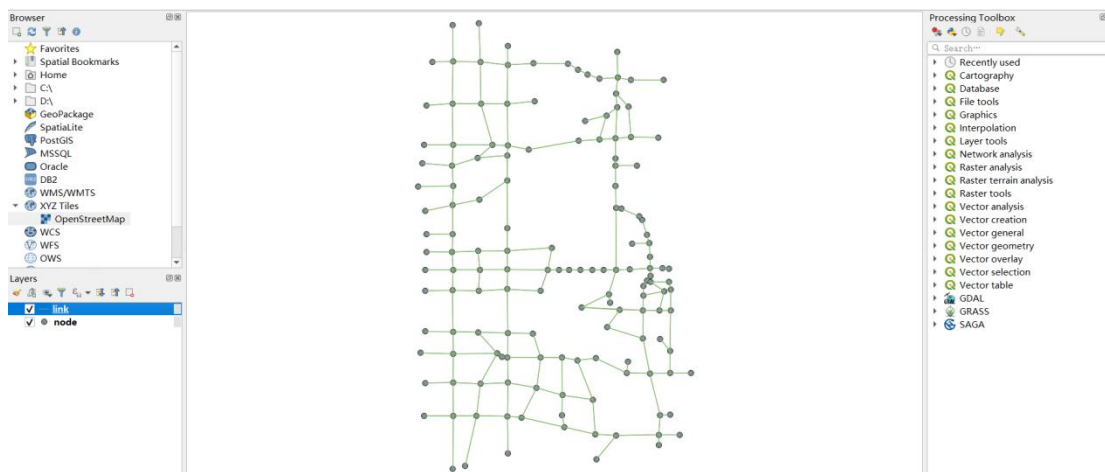
GMNS in QGIS User Guide

This document describes how to show GMNS file including node.csv, link.csv, timing.csv, **agent.csv** and link_performance.csv in QGIS (qgis.org).

1. Open GMNS node.csv and link.csv in Excel to verify the existence of the geometry field. Open QGIS and click on menu Layer → Add Layer → Add Delimited Text Layer. In the following dialogue box, load GMNS node.csv and link.csv, and ensure WKT is selected as geometry definition.



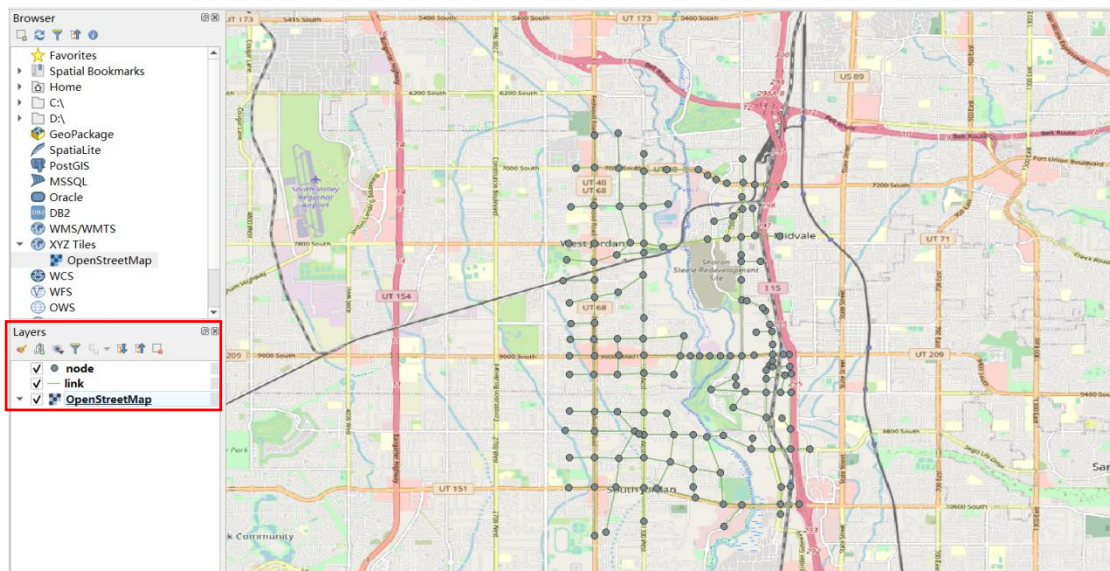
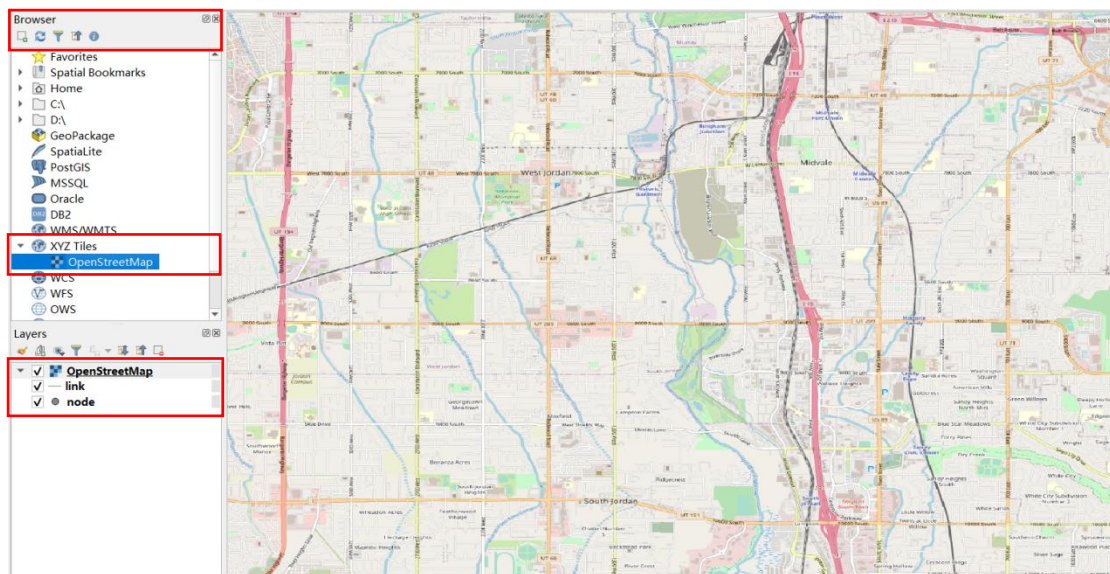
The imported West Jordan network is shown as follows.



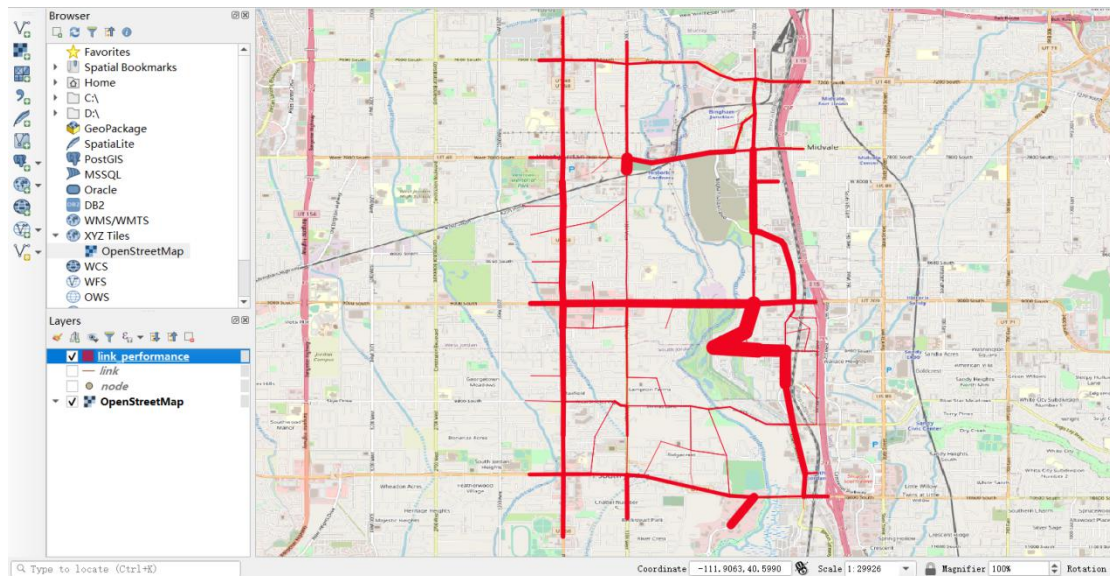
2. Load background with OpenStreetMap. Find XYZ Tiles and double-click OpenStreetMap on Browser panel. Please move the background layer to the bottom to show the GMNS network.

Refence:

<https://gis.stackexchange.com/questions/20191/adding-basemaps-from-google-or-bing-in-qgis>



3. Open output file link_performance.csv. The 'geometry' filed can be obtained form link.csv file. Then open this file in the same way as above. (Layer → Add Layer → Add Delimited Text Layer)



You can define the width of links by field VOC in link_performance layer. Right click on link_performance layer → properties → Color/Width.

