Highway Type on Ways

Last Updated: June 1, 2020

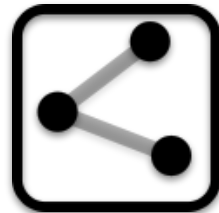Created by: *ggando_lyft*

lyft

Agenda

- **Objective**
- **Highway Types**
  - **Service**
  - **Residential**
  - **Unclassified**
  - **Tertiary**
  - **Secondary**
  - **Primary**
  - **Trunk**
  - **Motorway**
- **Link Roads**

Objective

Objective

Gain a understanding of the tags needed to edit the highway type tag in OSM.

This slide deck goes over general highway types on ways in OSM, many more specialize highway types can be found on **OSM Highway Wiki**.
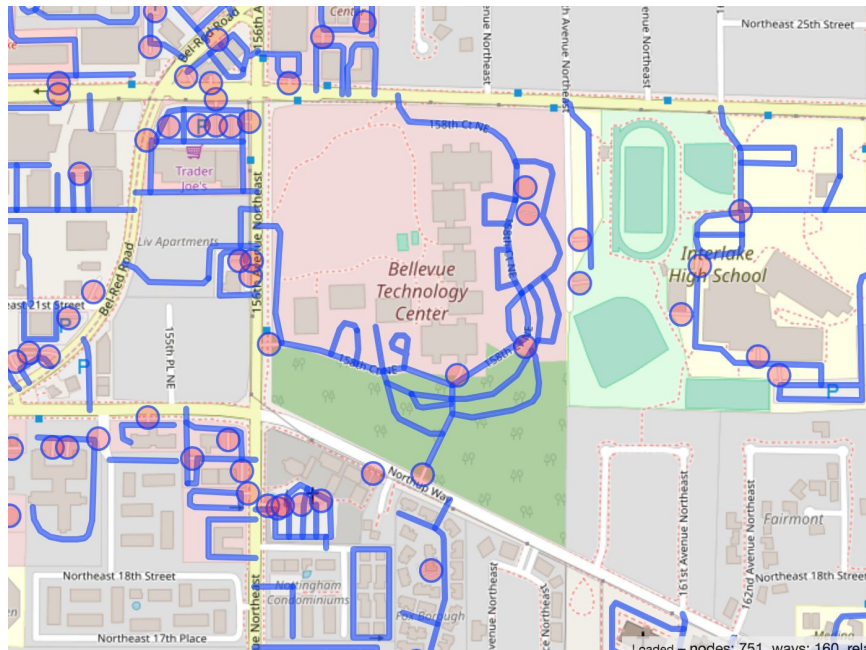
Highway Type

Service Roads

A service road provides access to and is associated with a specific place of interest: school, stores, offices, apartments, parks, etc.

- Service Roads often go through private properties
- Roads in a parking lot are typically tagged as service roads

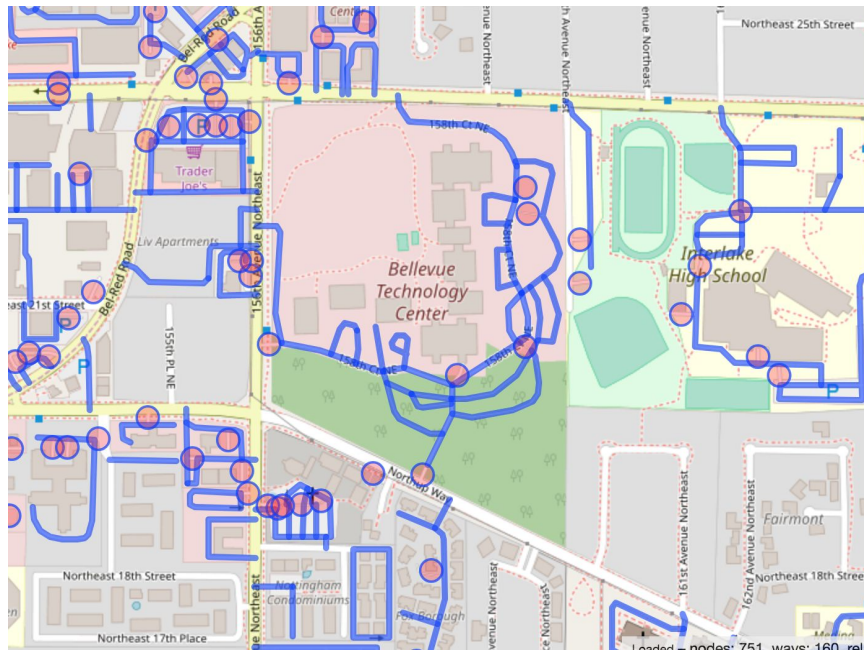| Key	Value
highway	service

Above: Blue lines and red dots represent elements that have the 'highway=service' tag.

Service Roads

A service road provides access to and is associated with a specific place of interest: school, stores, offices, apartments, parks, etc.

- Service Roads often go through private properties
- Roads in a parking lot are typically tagged as service roads

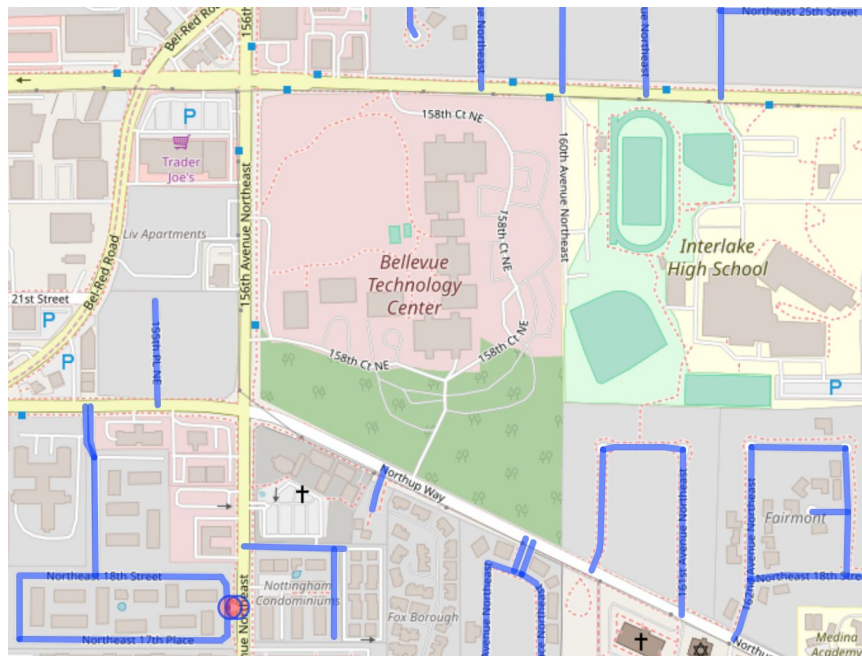| Key	Value
highway	service

Above: Blue lines and red dots represent elements that have the 'highway=service' tag.

Residential Roads

Residential roads are located within residential neighborhoods that include multi-family, single-family, or mobile homes.

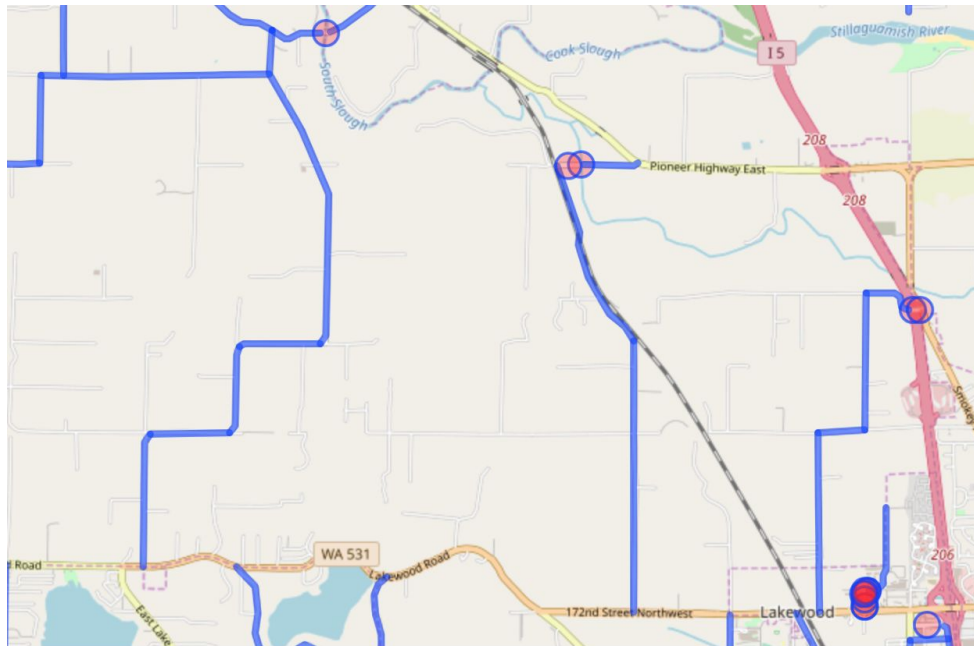| Key	Value
highway	residential

Above: Blue lines and red dots represent elements that have the 'highway=residential' tag.

Tertiary Roads

Tertiary roads used for connecting smaller settlements (villages) or centers within a city or for connecting minor streets to major roads.

- To the right, notice that tertiary roads are connecting the higher priority roads

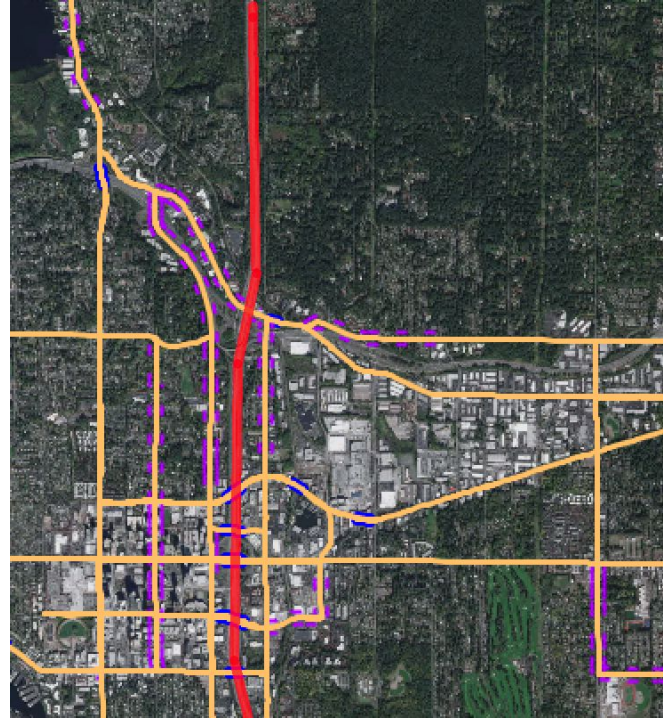| Key	Value
highway	tertiary

Above: Blue lines and red dots represent elements that have the 'highway=tertiary' tag.

Secondary Roads

Secondary Roads often link town to other towns

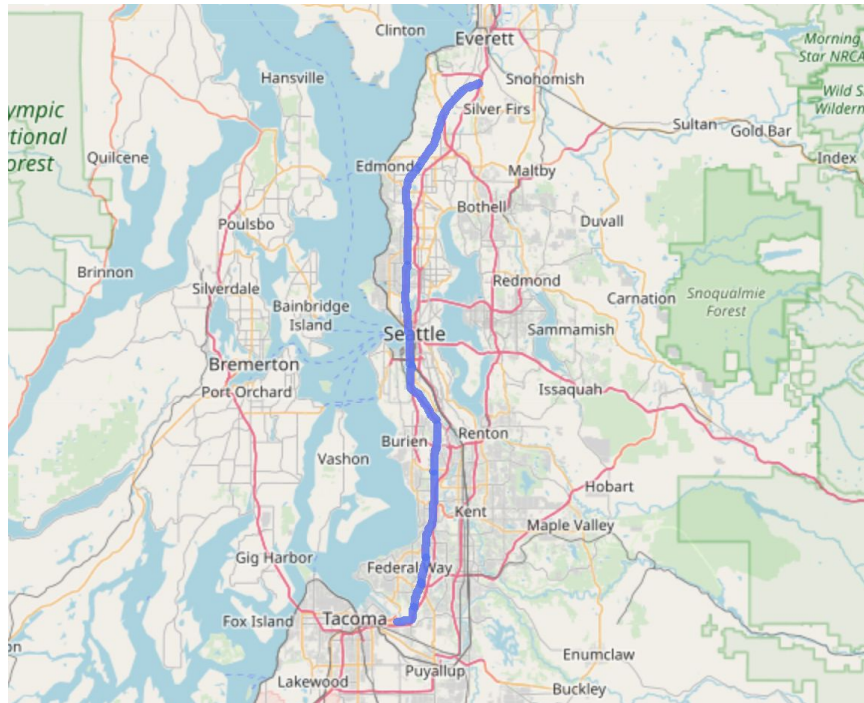| Key	Value
highway	secondary

Above: The red line is a secondary road.

Primary Roads

Primary roads often link larger town to other larger towns.

In America primary roads are apart of the the national highway system. But a highway may barely span the entire state let alone the nation. Those minor highways tend to be classified as primary.

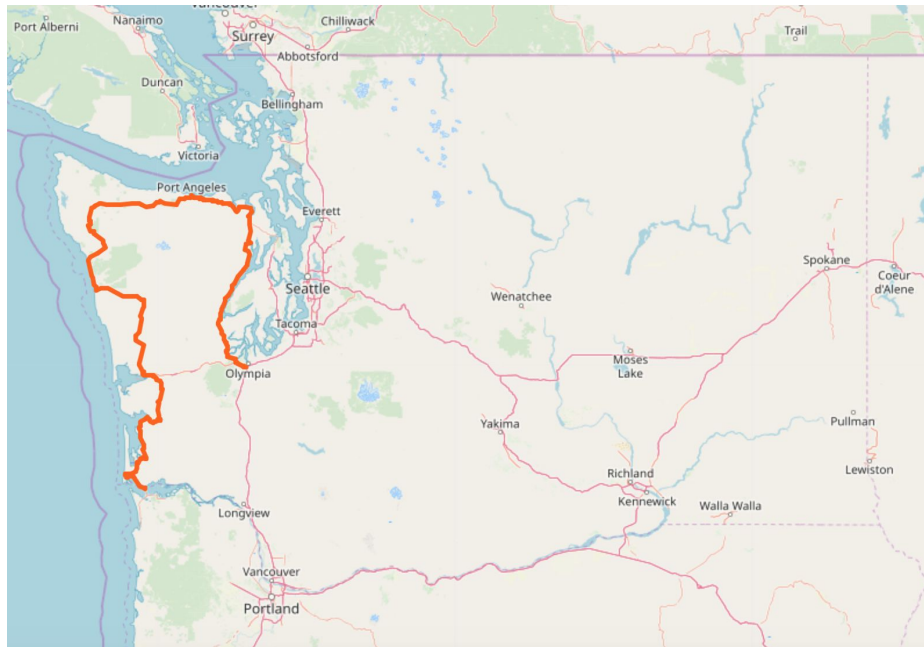| Key	Value
highway	primary

Above: Highlighted blue line is Highway 99 which has the 'highway=primary' tag.

Trunk

These are the middle category of national highways. Highways spanning a substantial length of a state are typically categorized as trunk.

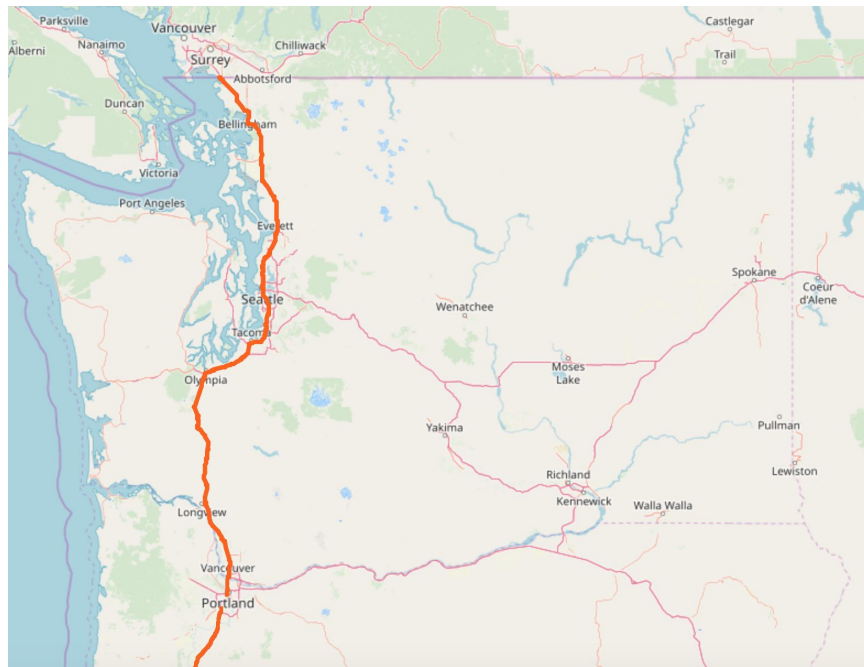| Key	Value
highway	trunk

Above: Red line represent US 101 that has the 'highway=trunk' tag.

Motorway

The most significant road classification possible, likely to span a substantial length of the entire nation.

- All of the highways that classify as Motorway are likely to have already been modeled.

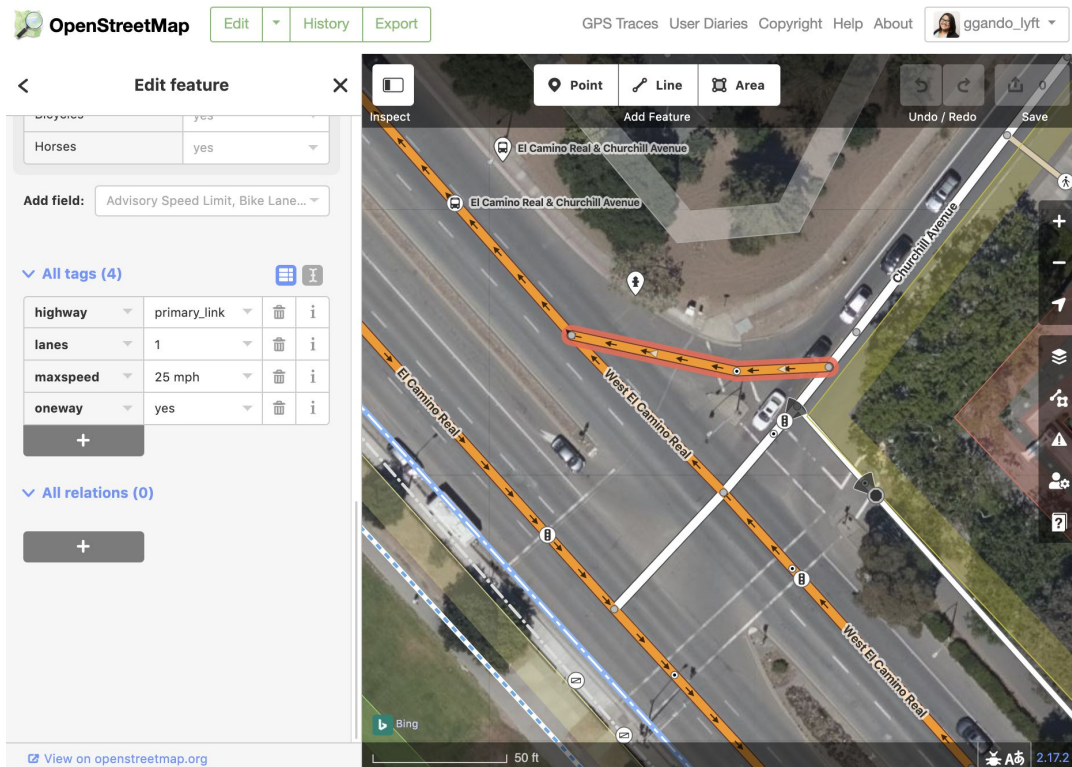| Key	Value
highway	motorway

Above: Red line represent Interstate 5 that has the 'highway=motorway' tag.

Link Roads

Highway Link

- Road that connects to another road with a island or painted median nearby
- See OSM chart for the prefix to the value '*_link'
  - Depends on the highway type of both roads that are being connected
- Typically link roads have traffic only going in one direction, add 'oneway=yes' tag (see lane directionality training for more

Key	Value
highway	*_link

Above: Slip road that is orange and highlighted in red has the tag 'highway=primary_link'.

Thank you