Destination Signs

Training materials

Agenda

- Objective
- Project Scope
- Road Elements
- Project scenarios

Objective

Gain an understanding of how to read and edit destinations in OSM.

Project Scope

Highway exit signs indicate where a vehicle is allowed to exit the freeway. This is a link road that is connecting the freeway and an arterial road. The link road should be tagged along with the node where the exit begins. This node is the start of the link road exiting a freeway. Both features need to be mapped to indicate a freeway exit.

Motorway Junction (Node)

Motorway Junction. Don't forget check necessary tags

When a link road deviates from a way for an exit, the node where the link road starts is tagged to indicate the point of the road changes. The node will only need two tags to identify an exit. The tag **highway=motorway_junction** is used to indicate the type of highway feature. This tag is used for *any* type of link road when it is needed to indicate an exiting or splitting from another link way.

- the **ref=*** tag is used to indicate the exit number.
- If no exit number can be verified through open source imagery, then the tag **noref=yes** should be tagged

Motorway Link (Way)

Link segment. We add information **only** to segment near node

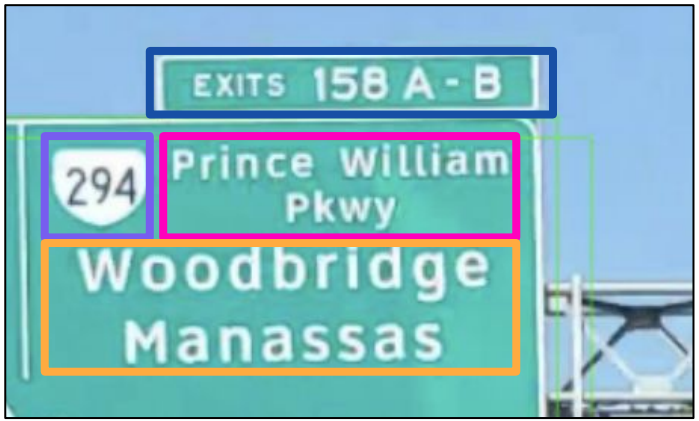
The first link road should include all tags necessary with the information available for the destination and exit. The highway link type will be indicated in the **highway=*_link** tag, and the **oneway=yes** tag that indicates the link road is one way. In rare cases a link road will be tagged as **oneway=no** if it is a bi-directional road.

- The **junction:ref=*** tag - the exit number for the way.
- The **destination=*** tag - the name of the destination the motorway junction is exits to.
- The **destination:ref=*** tag - used if the destination includes a route marker
- The **destination:ref:to=*** tag - used if the destination includes a ‘TO’ destination (proceeding destination in an exit’s sign)

- The **destination:street=*** tag - the type of road instead (in some states, this tag can only be used when the Destination Sign has street names that have small character size)

Destination Tags in Scope

Key	Value	Description
junction:ref	*	Exit number
destination	*	Toward direction
destination:ref	*	branch route number [route direction]
destination:street	*	small toward street-direction



Typical destination sign

Project scenarios

The Destination Science project is subdivided into 2 scenarios

Adding tags to segments:

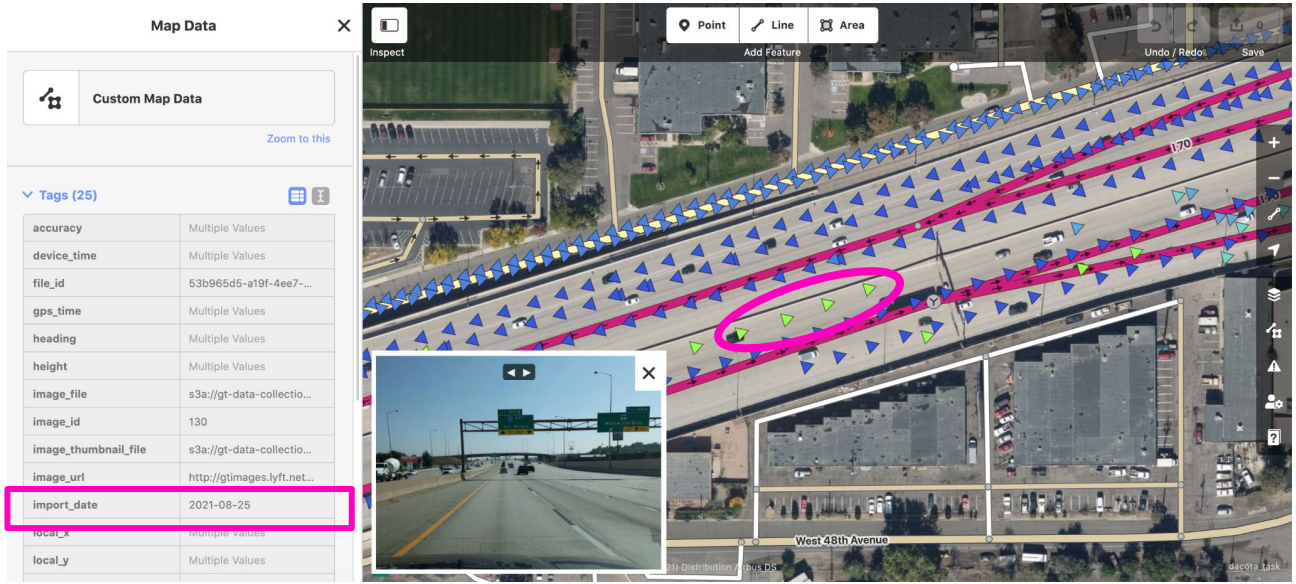
- *Have GT photo and mark detection*
- *No GT photos, but sign detectors*

Removing tags to segment:

- *Have GT photo, but no mark detection*
- *No GT photos and sign detectors*

Scenario for adding tags

1. **Open Proposed in task GT or Mapillary images (must be no older than 6 months) from the farthest image from the exit to the nearest one at a distance of 20-50 meters from each other.**



Check **green** GT-images in Editor (the newest photos) and don't forget pay attention to "**import date**"

2. View images to make sure that there are Destination or Exit Signs on them.

3. If the signs were found in the images, check the information on the signs with the values of the tags with destination and ref suffixes and prefixes on the highlighted in task segments (junction node, linkway(s))

a. *If the information on the signs and in the tag values does not match*, add the tag value according to the information on the sign(s). Select ***Fixed*** task status.

b. *If the information on the signs and in the tag values matches,* select ***Not An Issue*** task status

4. If Sign(s) weren't found, check the last editing date on the highlighted segments. If the last edits were added less than 6 months ago, increase curation distance to 1 mile (default value - 0,625 miles) and repeat the previous steps.

When you will find sign, pay attention to **shadows in satellite images** to find signs faster

Scenario for removing tags

1. Open Proposed in task GT or Mapillary images (must be no older than 6 months) from the farthest image from the exit to the nearest one at a distance of 20-50 meters from each other.
2. View images to make sure that there are no Destination or Exit Signs on them.

3. If the signs were found in the images, check the information on the signs with the values of the tags with destination and ref suffixes and prefixes on the highlighted in task segments (*motorway, junction node, linkway(s)*)

a. If the information on the signs and in the tag values does not match, correct the tag value according to the information on the sign(s) or If segments doesn't have tags, that describe information from the sign(s), apply missed tags to the segment(s).

b. If the information on the signs and in the tag values matches, select Not an issue task status

highway	motorway_junction
ref	45

Tags were added to node

destination	York Street
highway	motorway_link
junction:ref	45
oneway	yes

Tags were added to link

4. If Sign(s) weren't found, check the last editing date on the highlighted segments. If the last edits were added less than 6 months ago, increase curation distance to 1 mile (default value - 0,625 miles) and repeat the previous steps.

Thank you