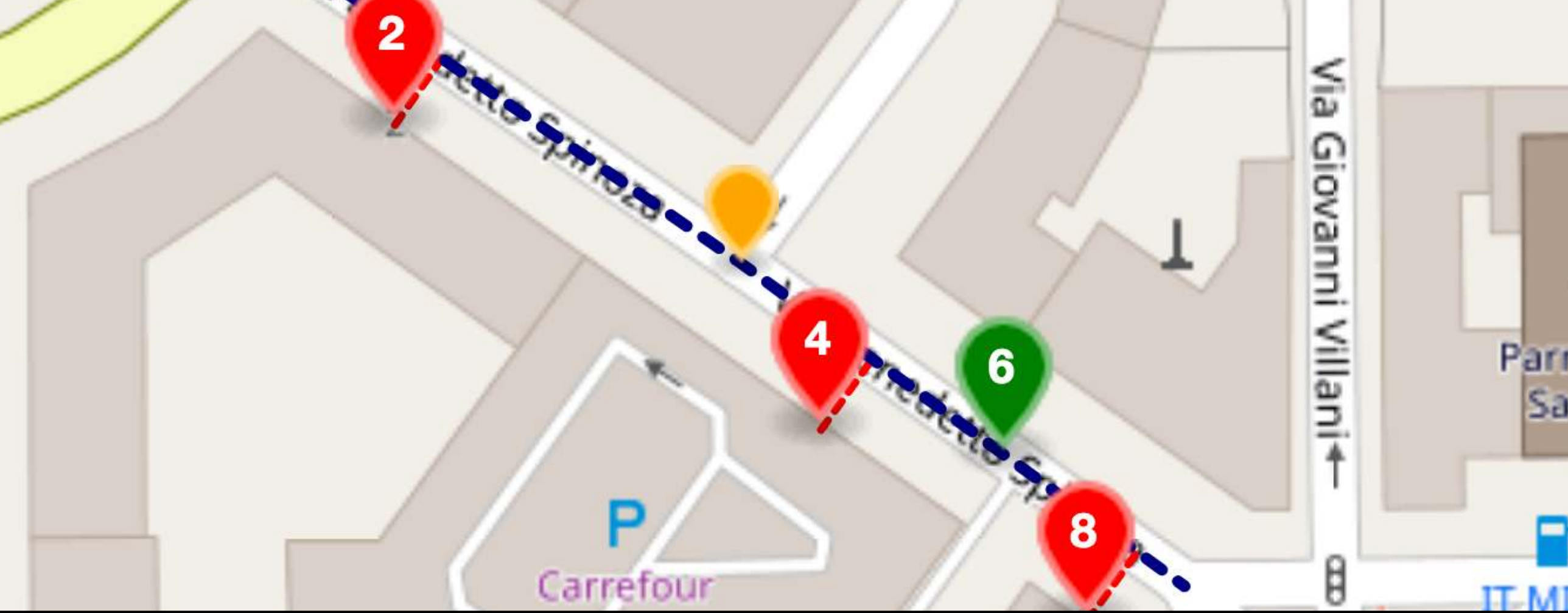


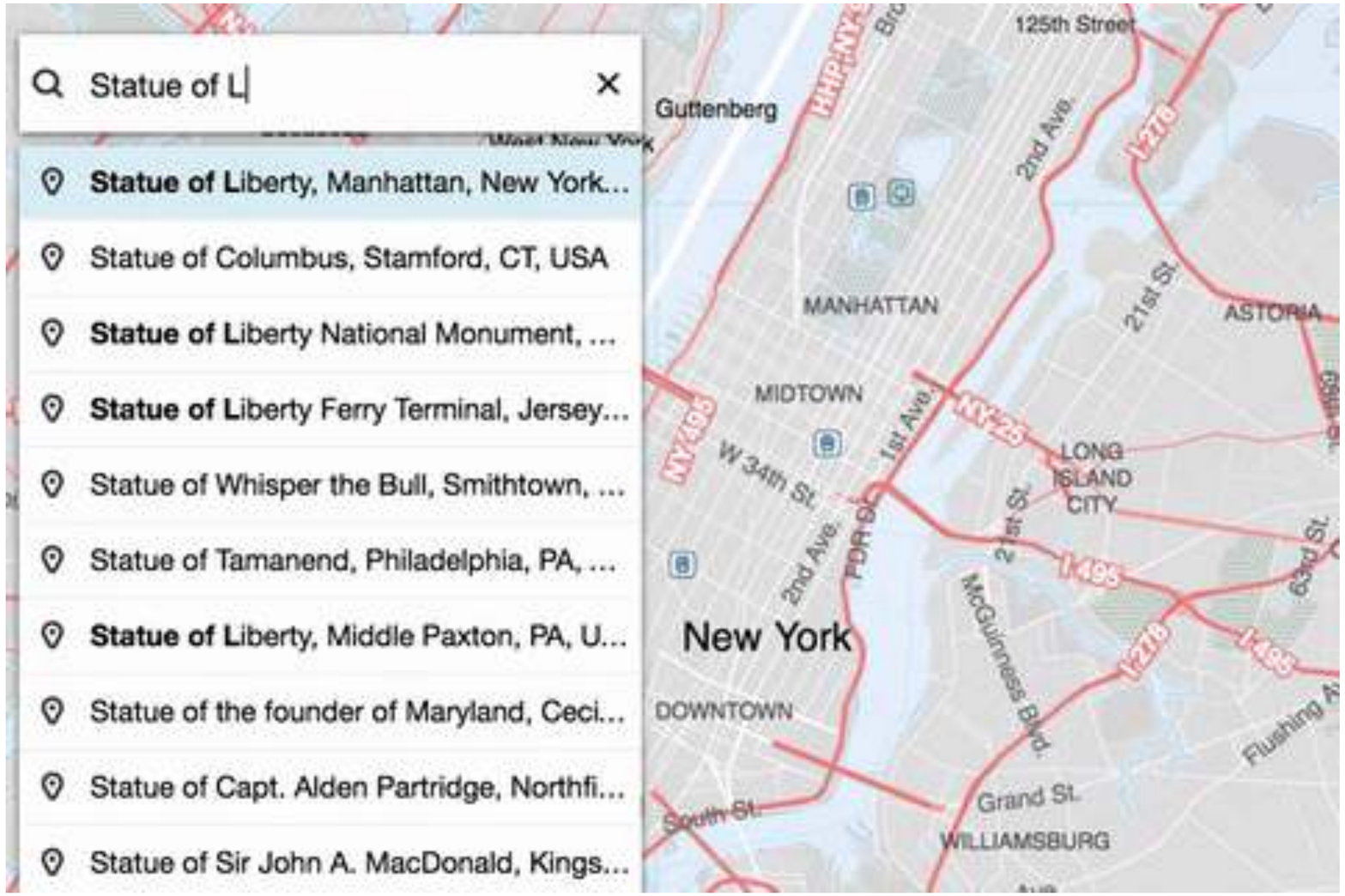
Here’s how we Interpolate

Julian Simioni, maintainer: Pelias geocoder

Mapzen

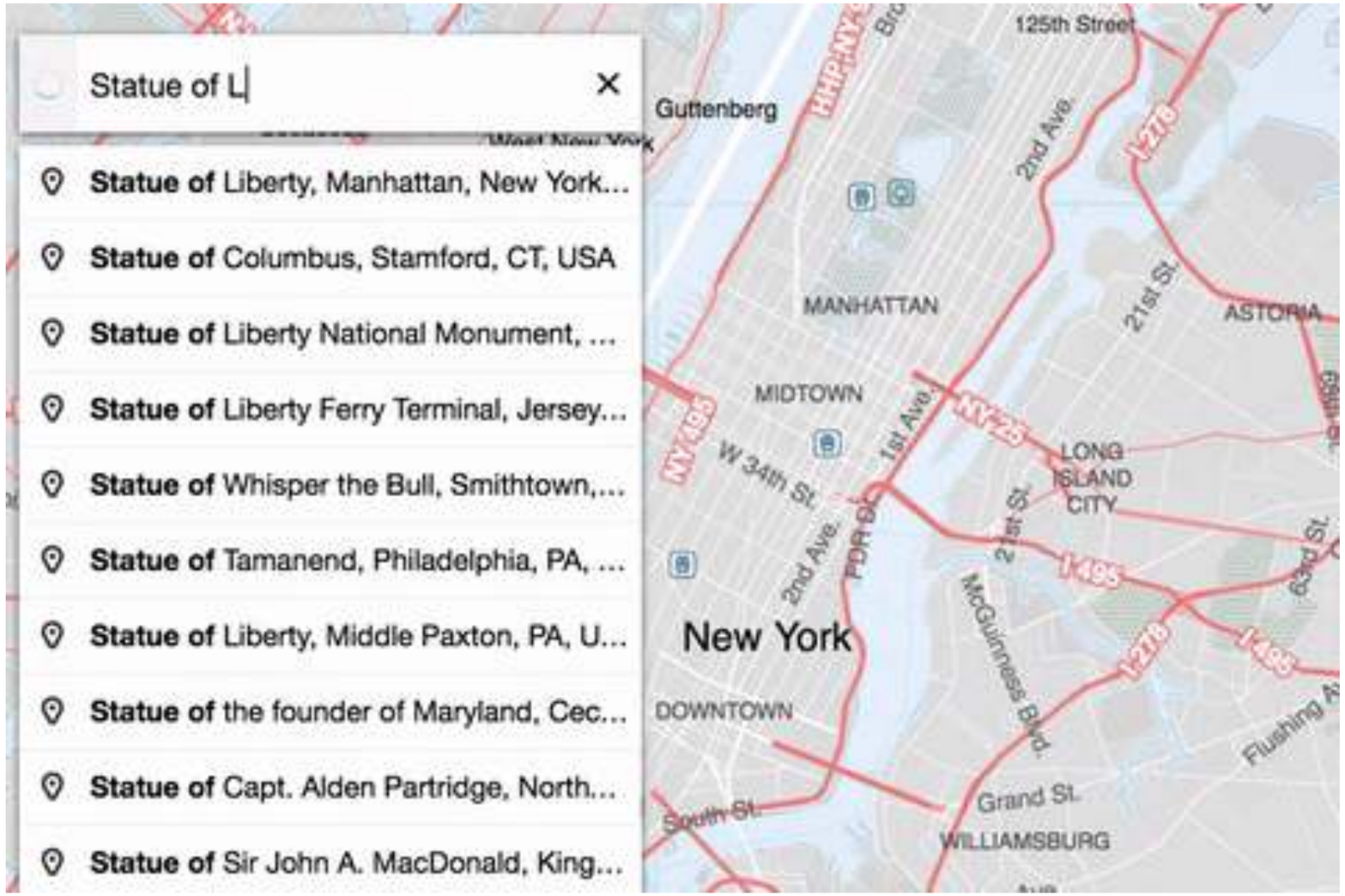
@juliansimioni

@juliansimioni



github.com/pelias/pelias/

@juliansimioni



github.com/pelias/pelias/

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Geocoders

addresses

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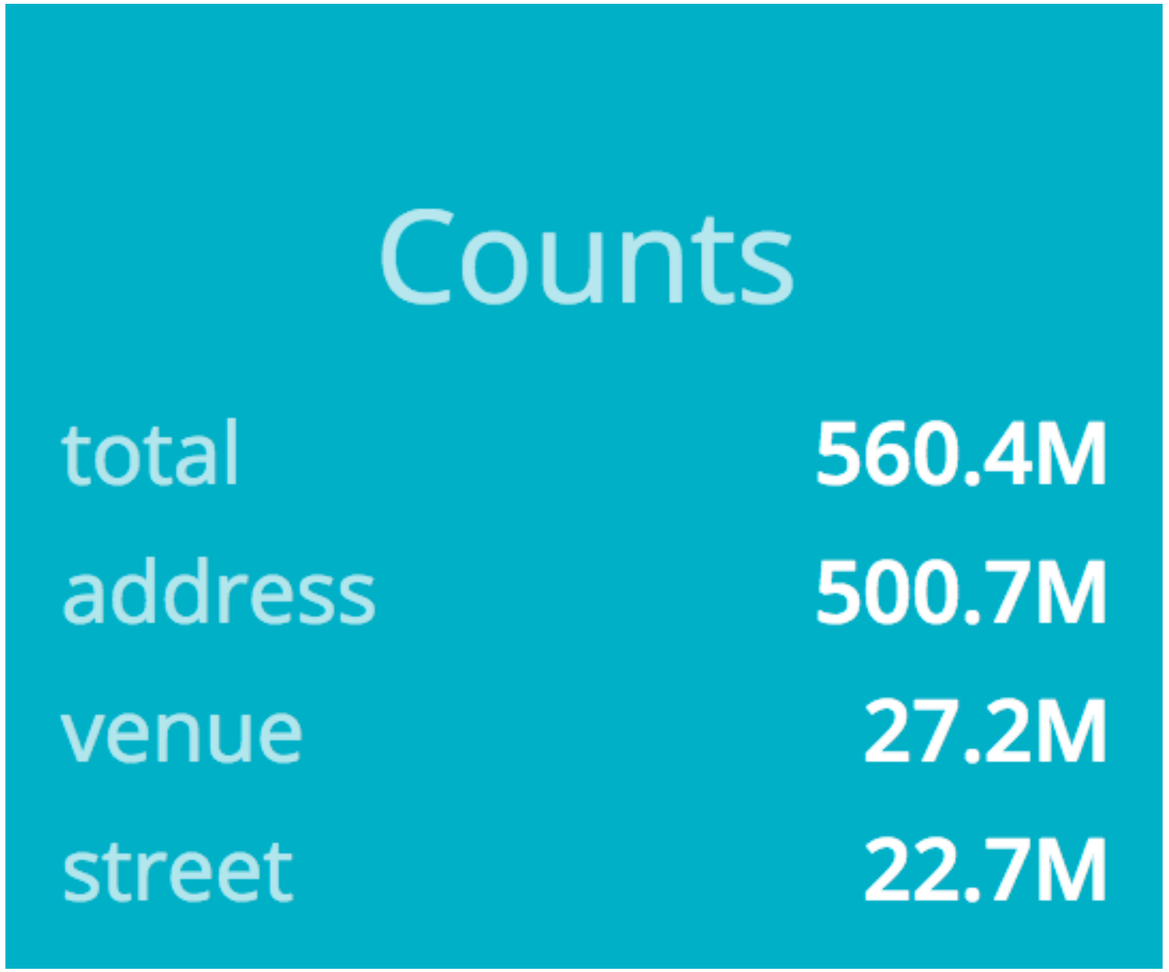
There are lots of addresses in open data



https://pelias-dashboard.geocode.earth

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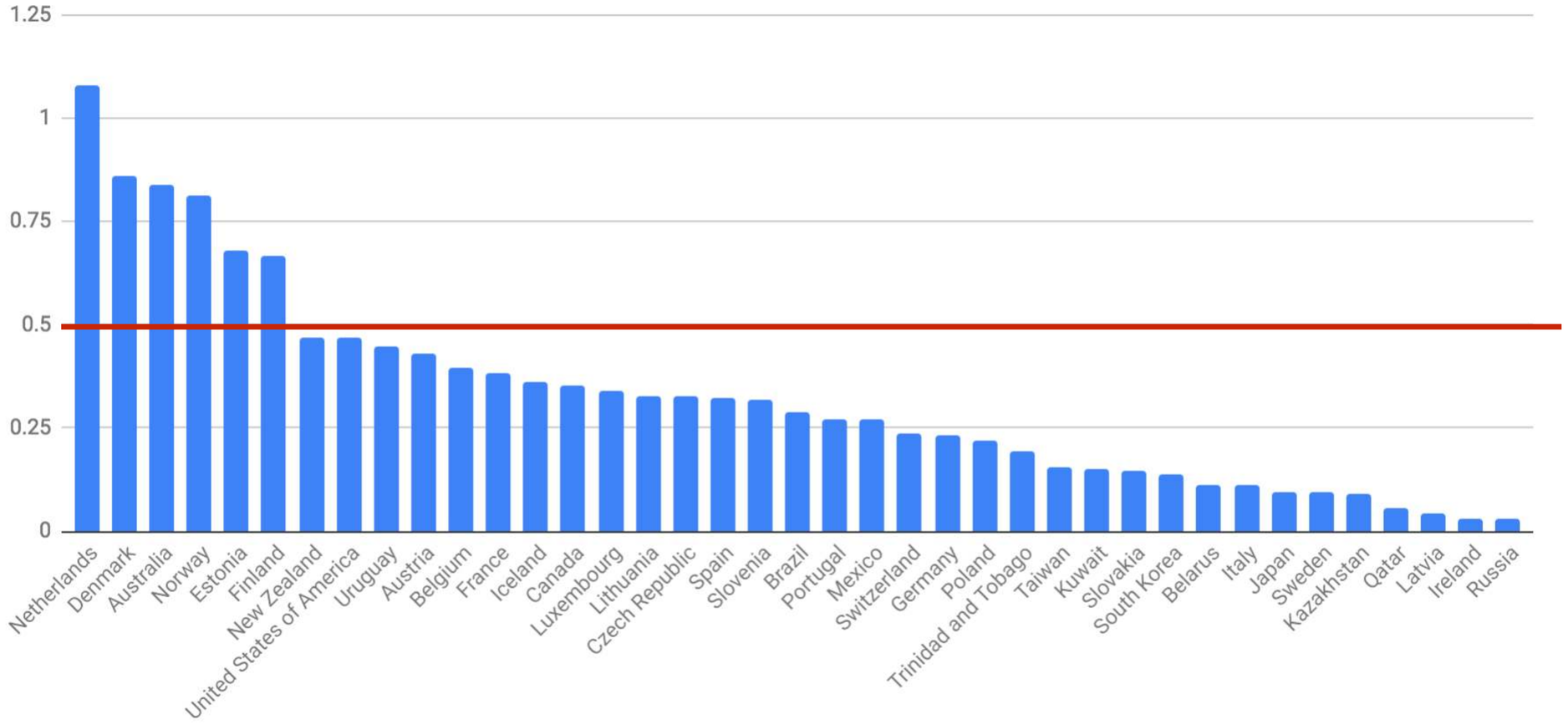
...but not enough



https://pelias.github.io/scripts-geocoding-coverage/highlights.html
https://docs.google.com/spreadsheets/d/1dNe1XU7b46-v8mmlre4972jvmc2YbxUKyF8eTayMrAE/edit?usp=sharing

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TIGER: The Coast-to-Coast Digital Map Data Base

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History lover distraction links:

http://census.maps.arcgis.com/apps/MapJournal/index.html?appid=2b9a7b6923a940db84172d6de138eb7e

https://www.pinterest.com/uscensusbureau/census-history/

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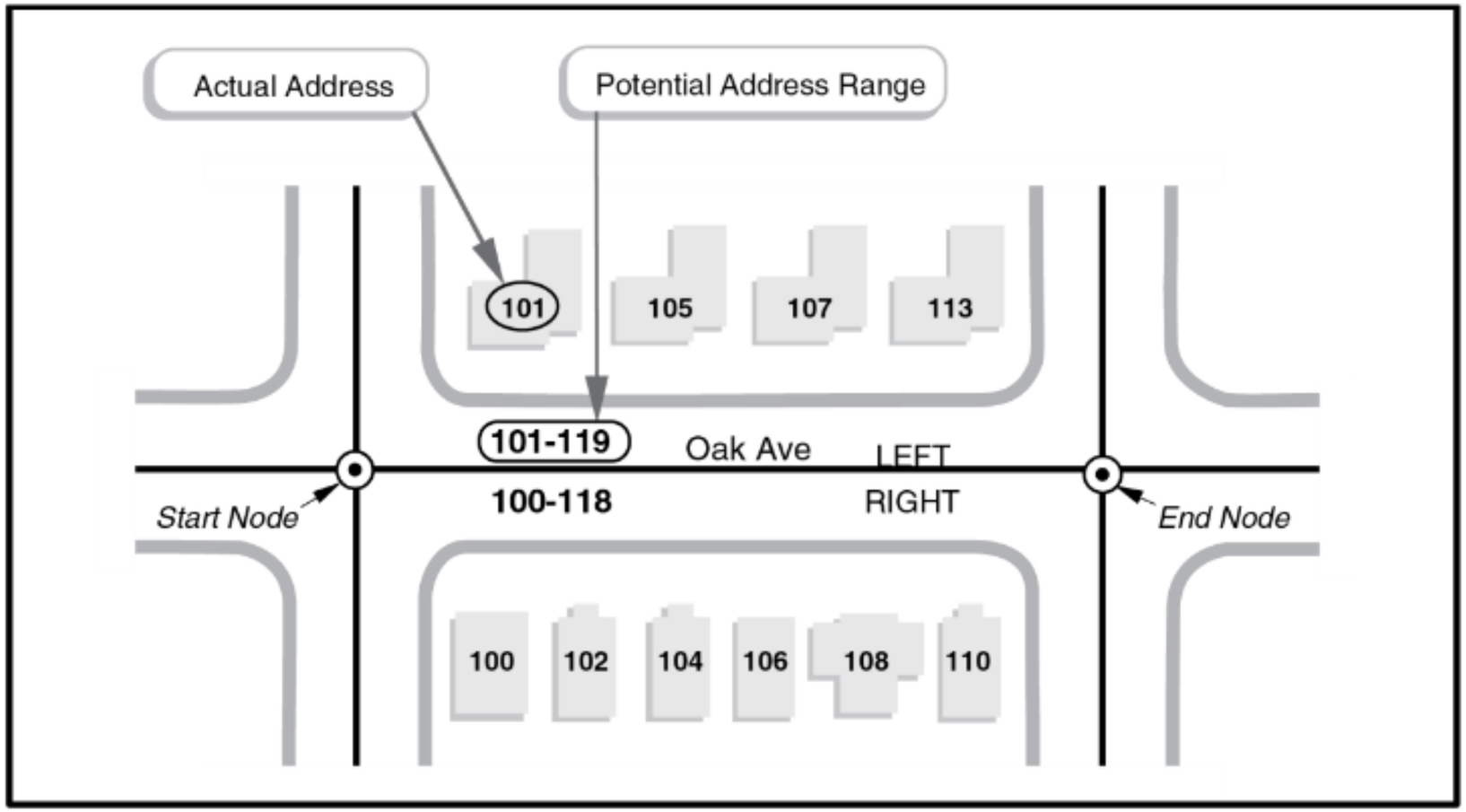
Address Ranges



https://www2.census.gov/geo/pdfs/maps-data/data/tiger/tgrshp2015/TGRSHP2015_TechDoc.pdf

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readme.md

Pelias Interpolation

An open source + open data project to perform global street address interpolation queries. Sponsored by Mapzen.

About

The Openstreetmap and Openaddresses projects provide a huge cache of street address information; between them around 500 million address points are freely available to download.

Some countries like Germany and the USA have dense address coverage while other have only sparse data available.

This project aims to 'fill in the gaps' in the data by intelligently estimating where the missing house numbers would lie on the road.

The service was designed for use with the pelias geocoder, however it can also be used as a stand-alone application or included with other geographic software / search engines.

https://github.com/pelias/interpolation

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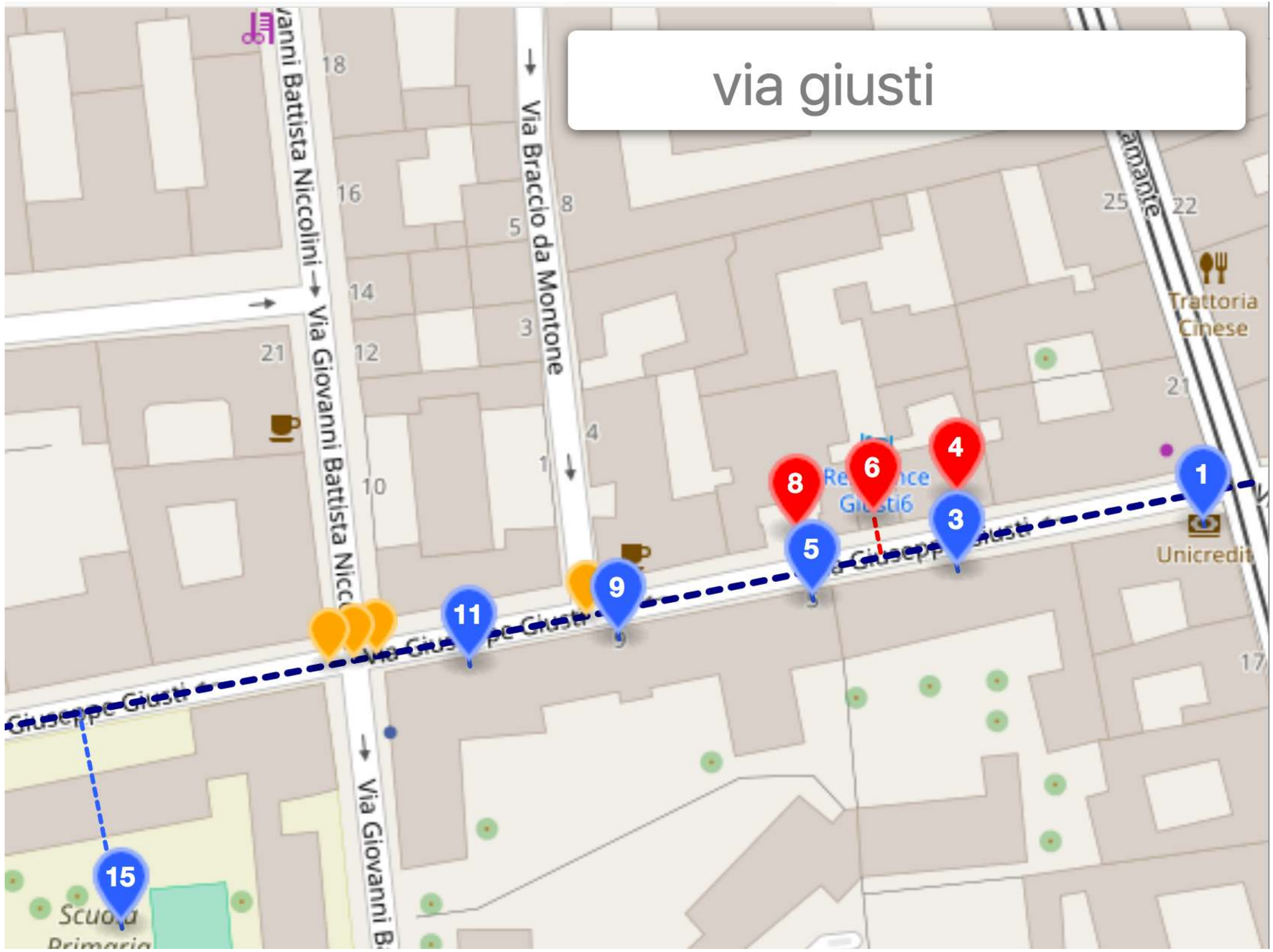
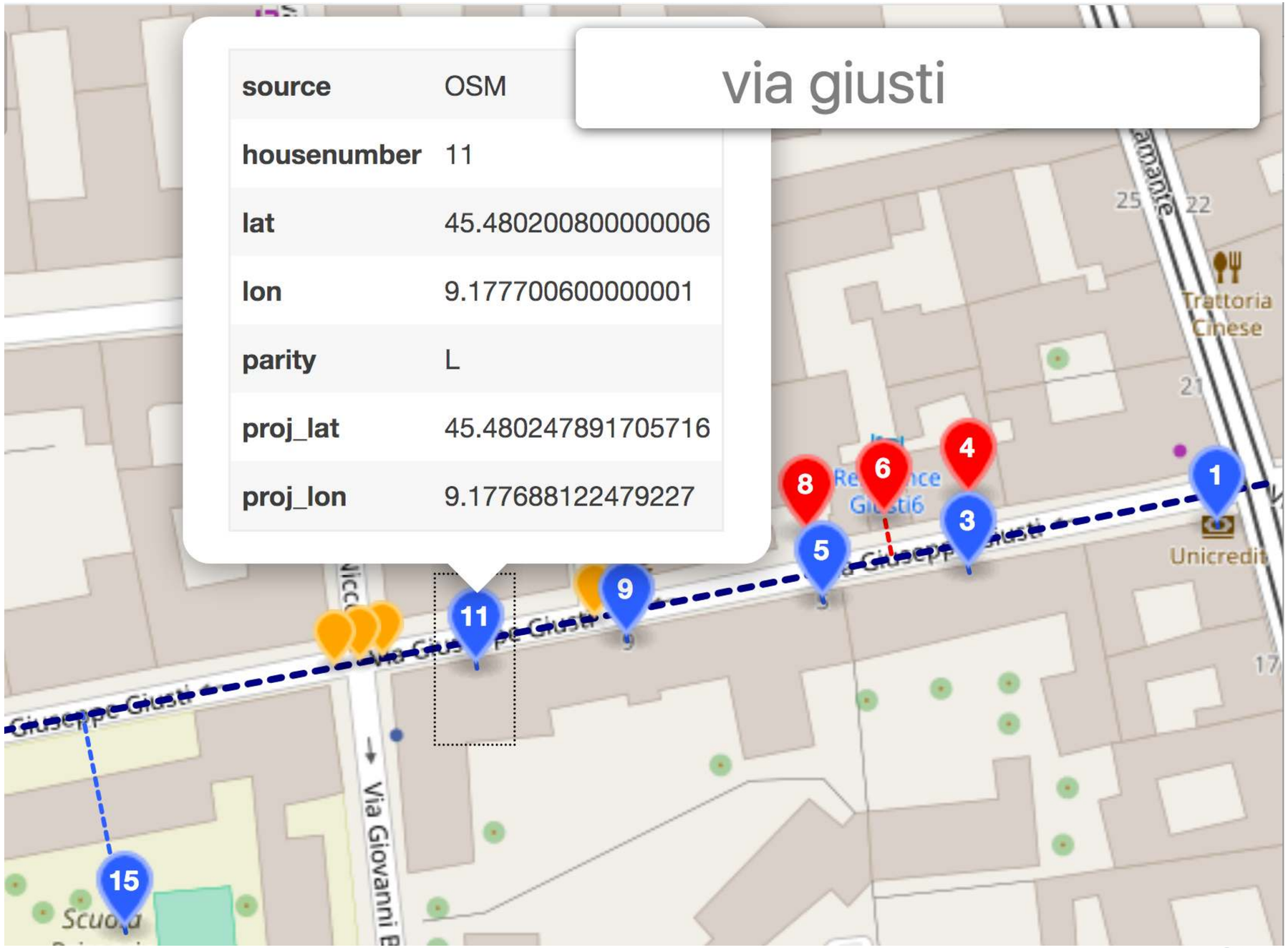


@juliansimioni



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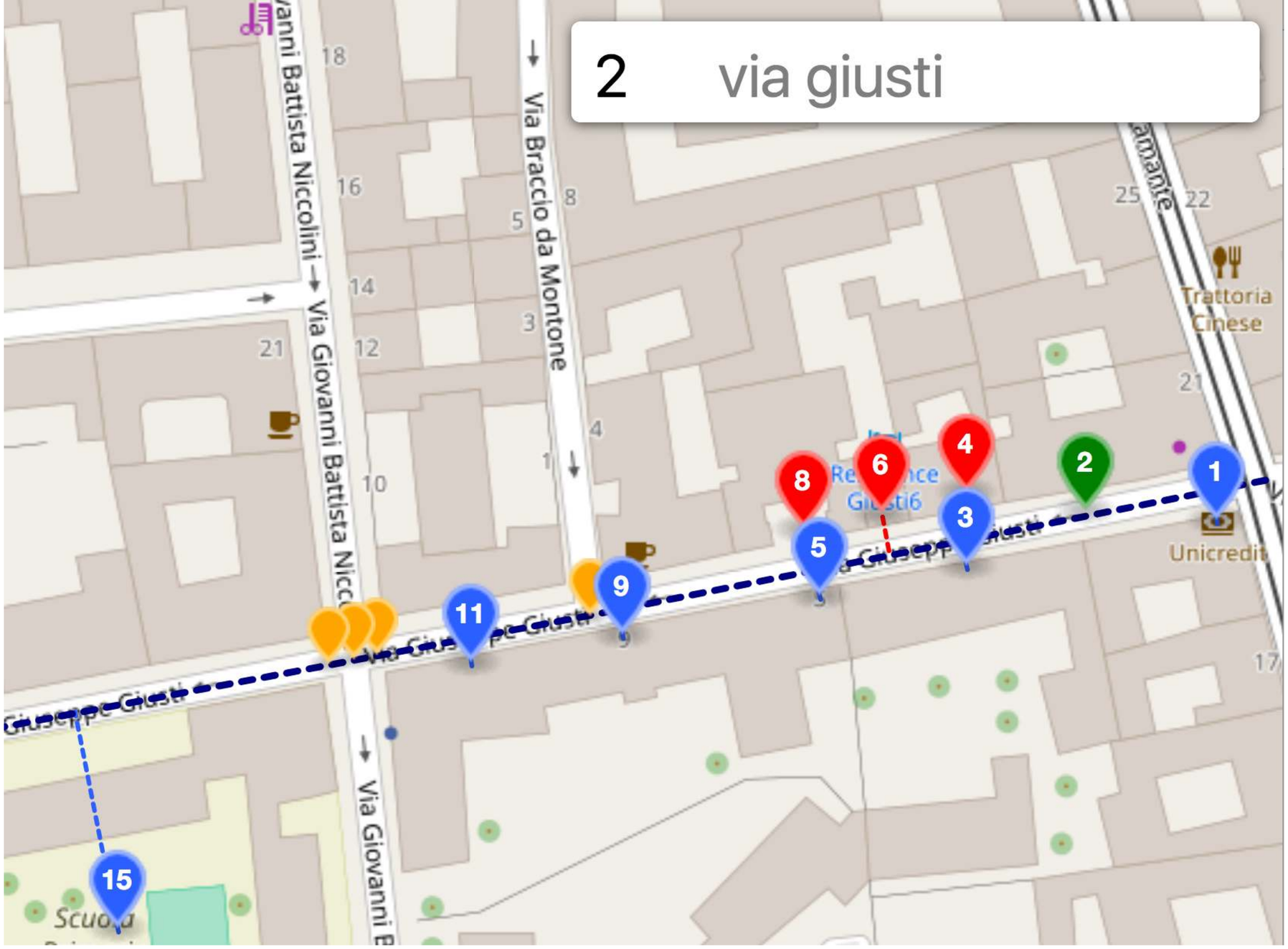

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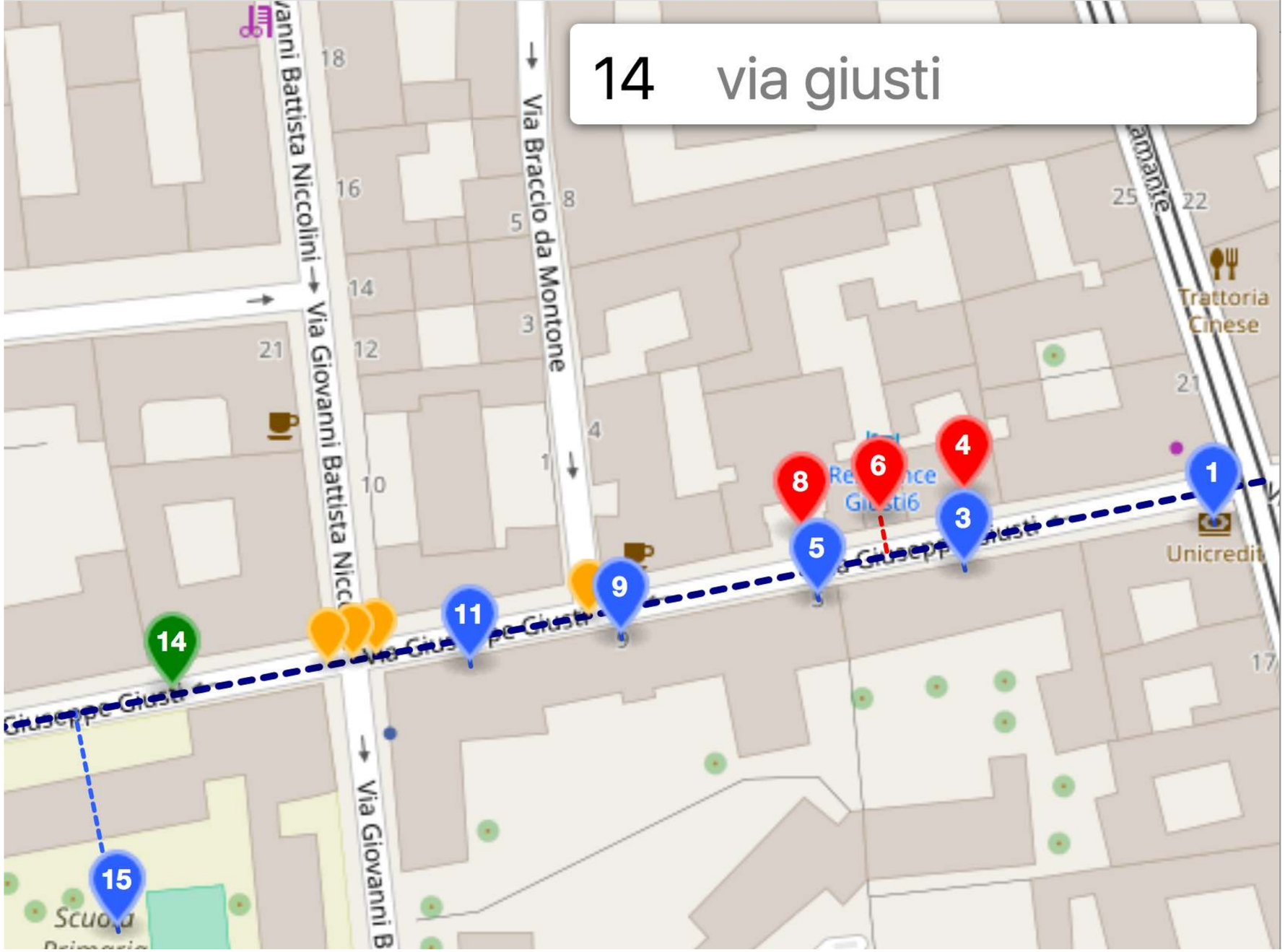

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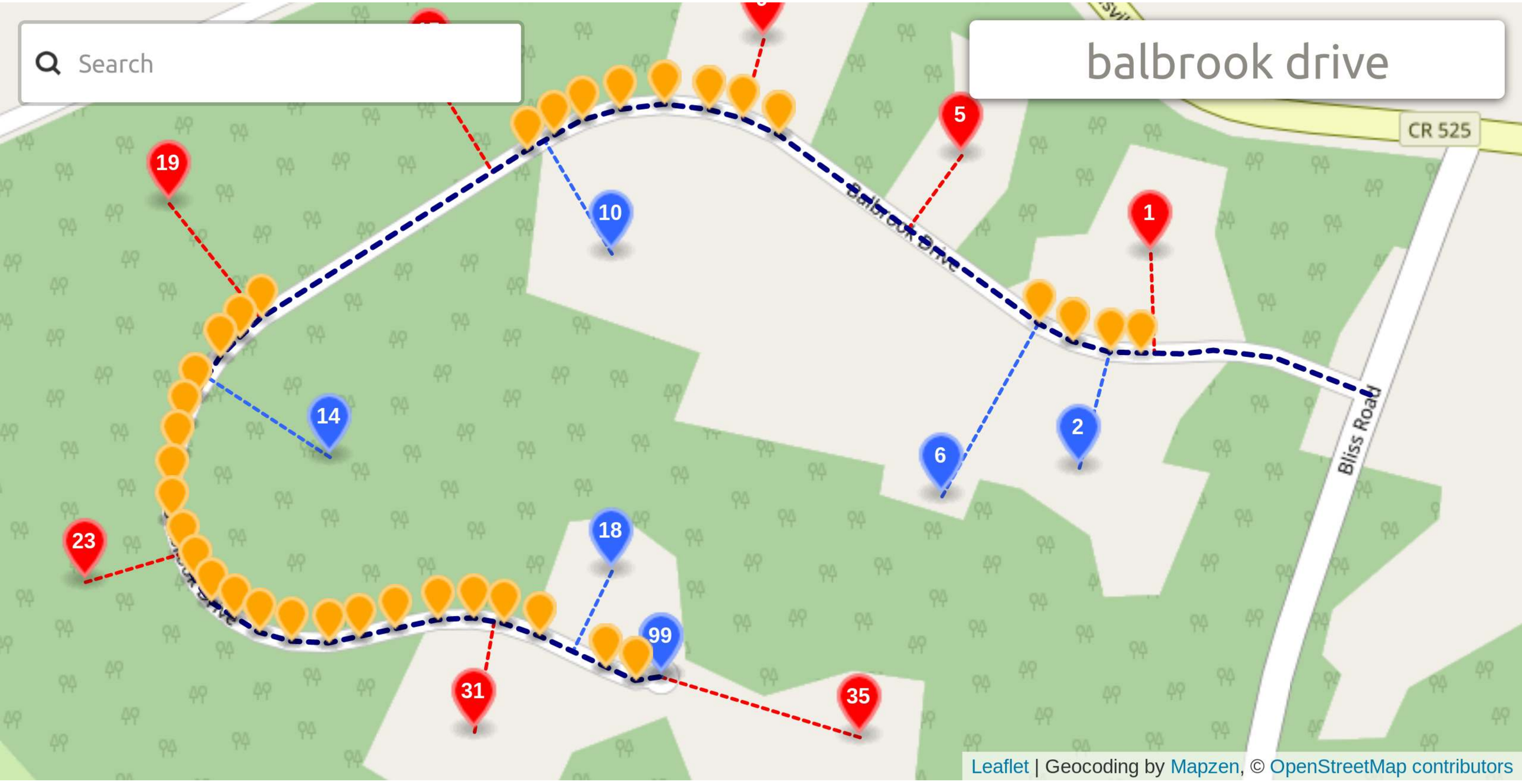

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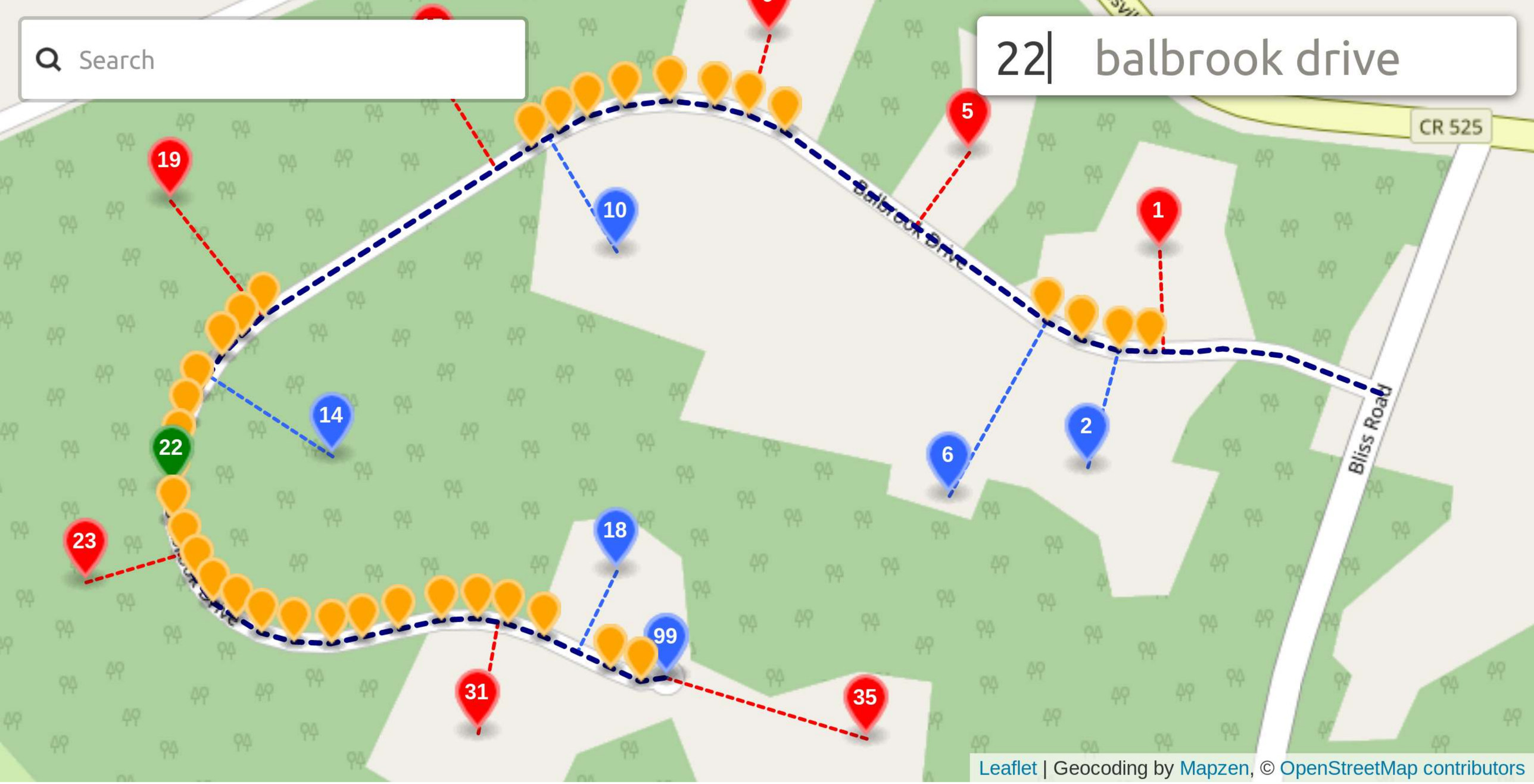

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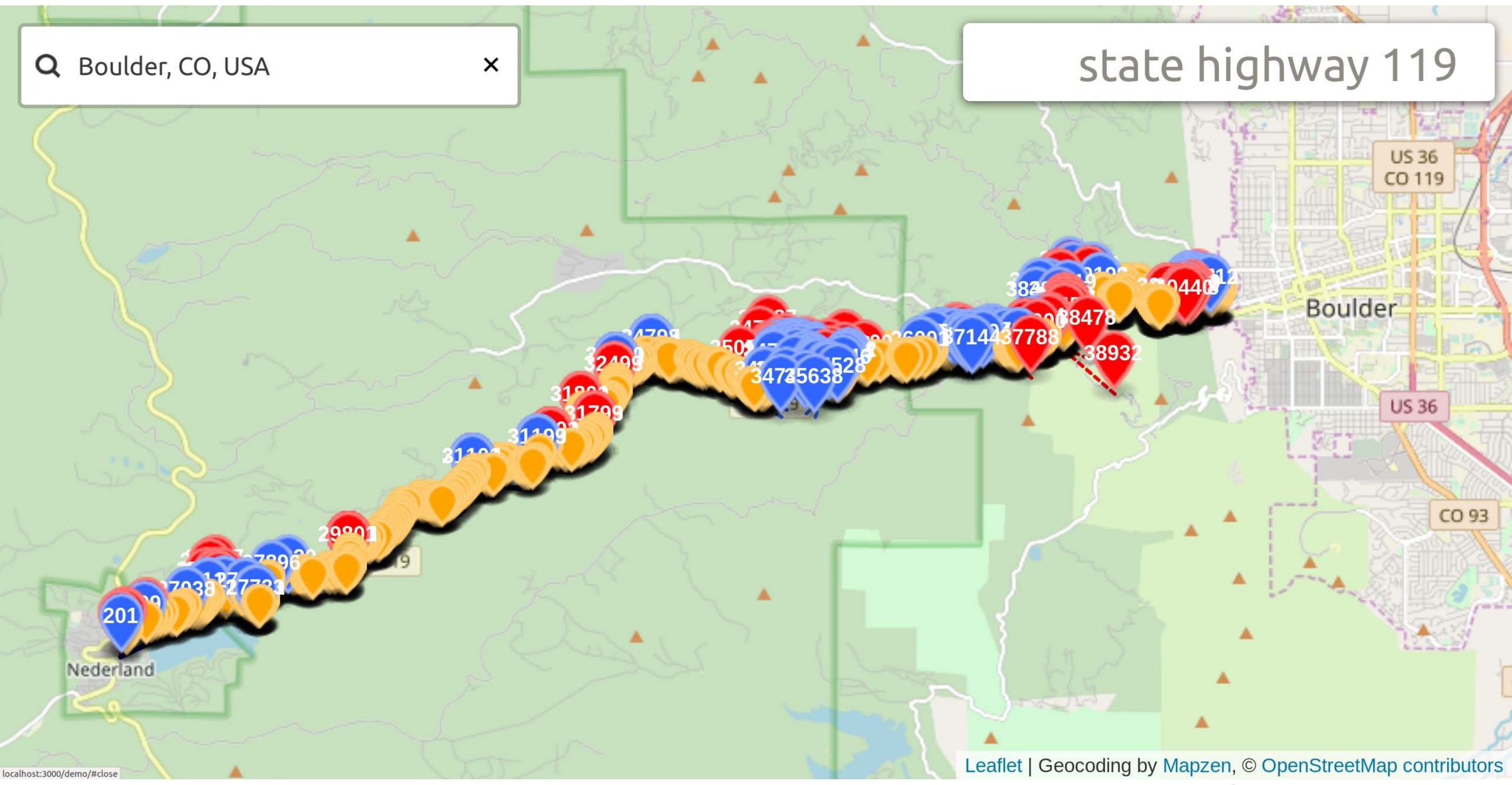

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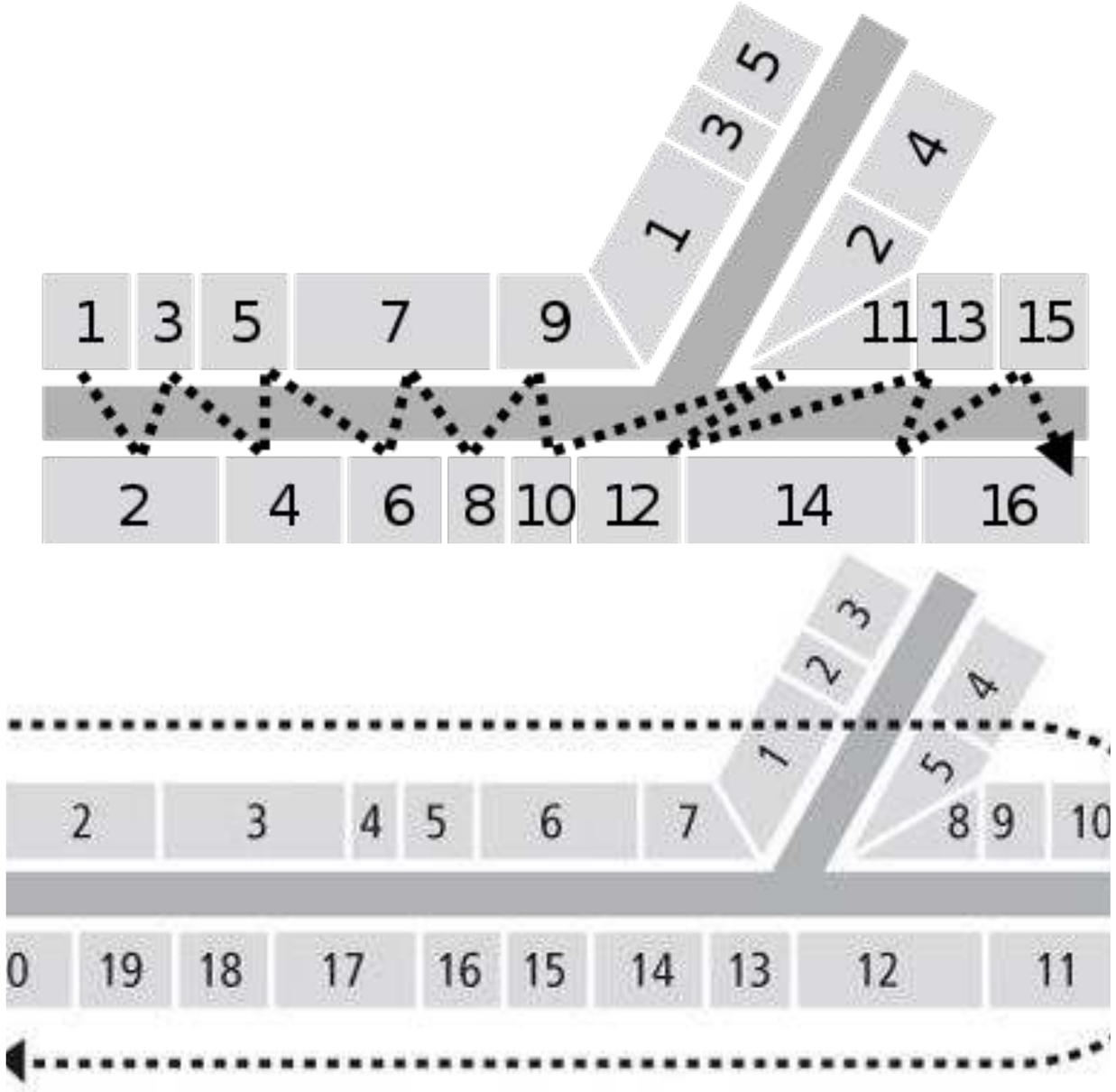

https://en.wikipedia.org/wiki/House_numbering

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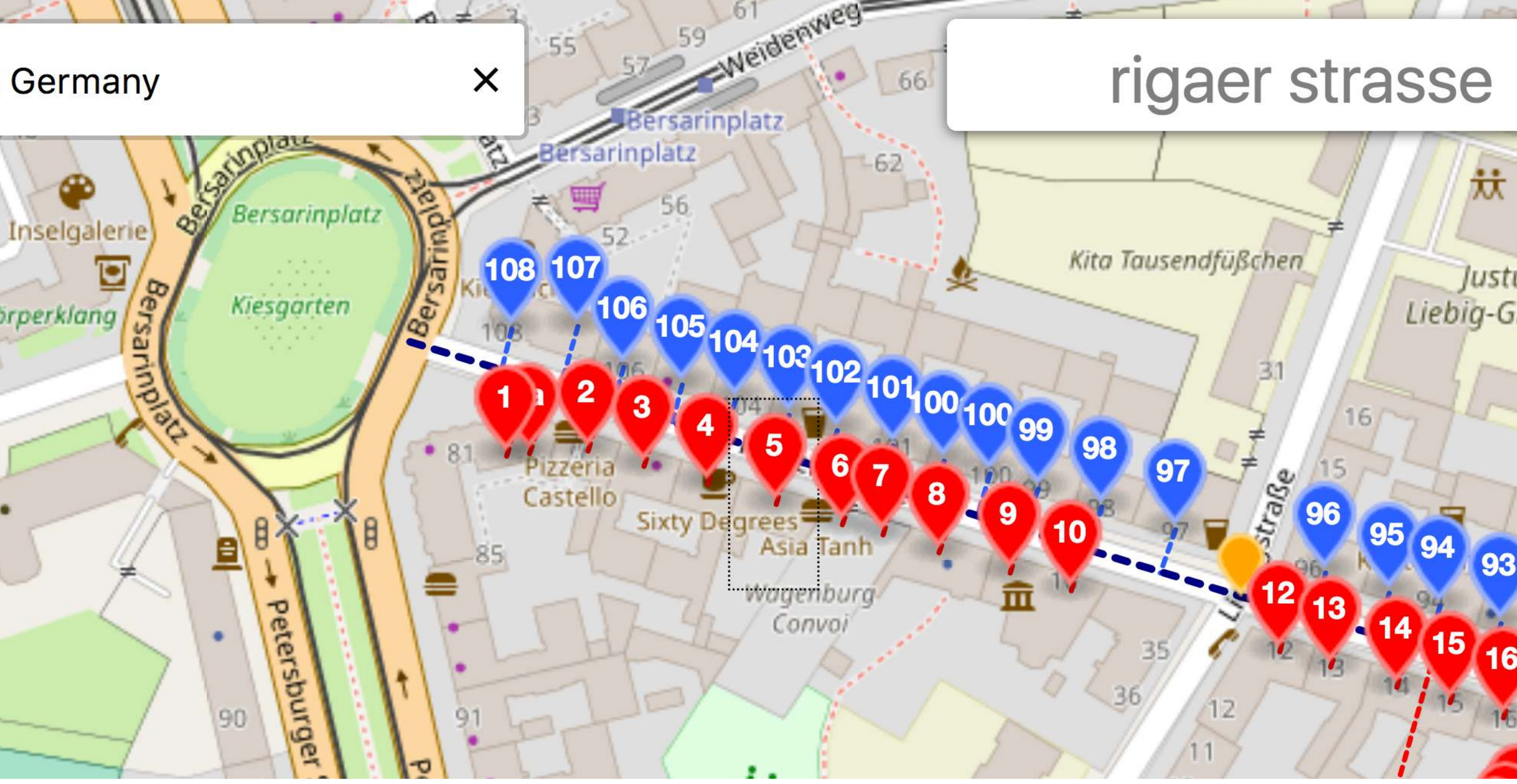

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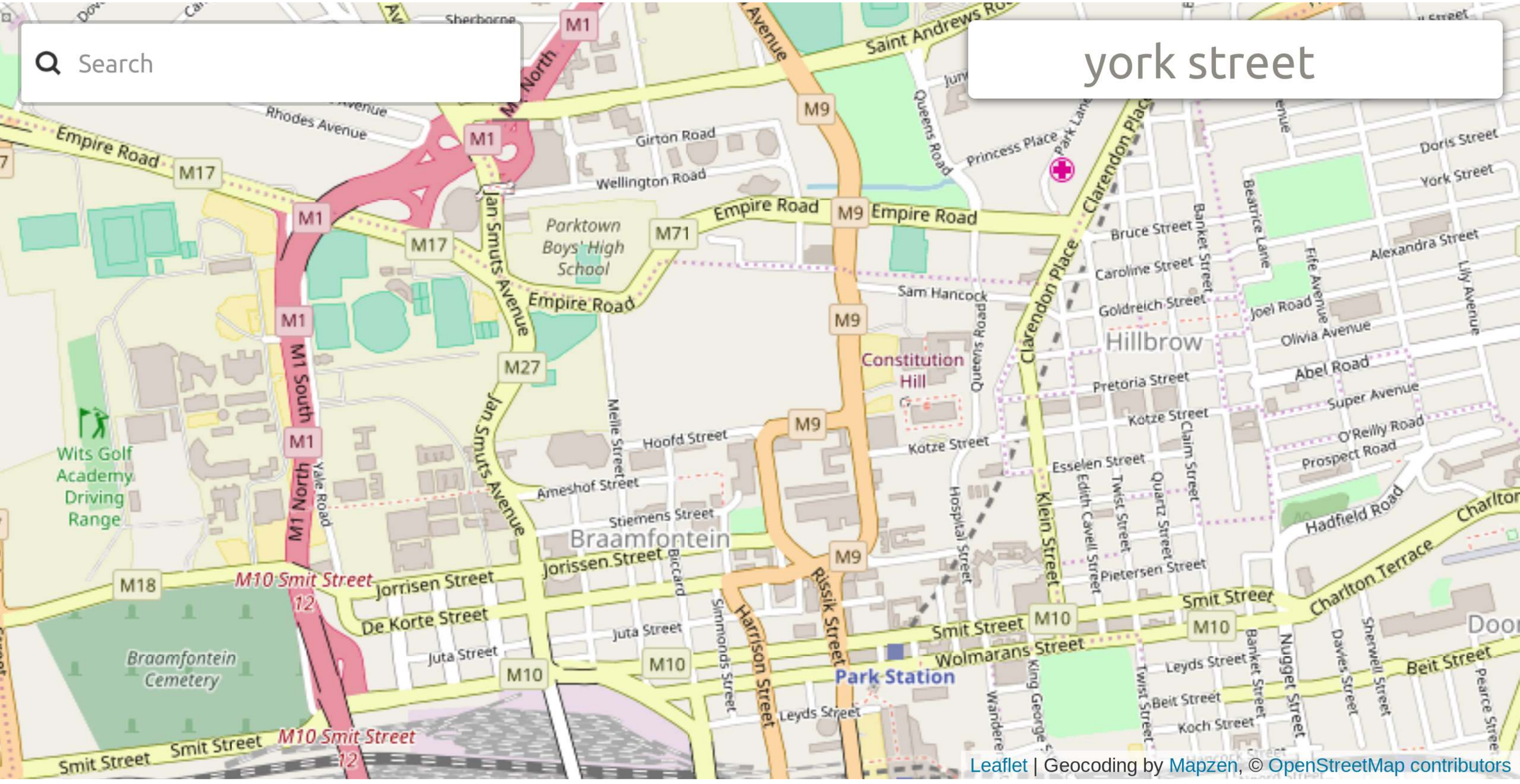

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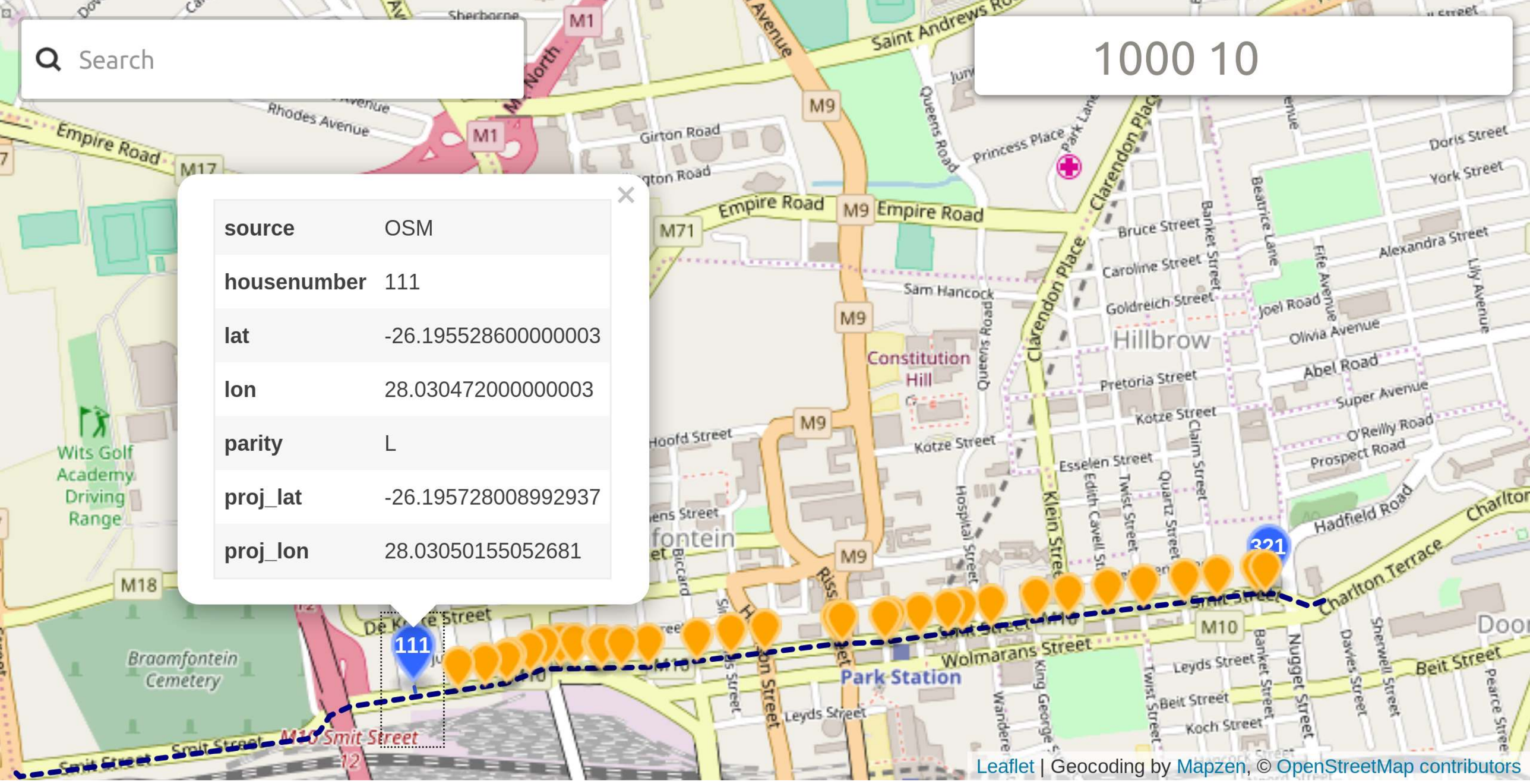

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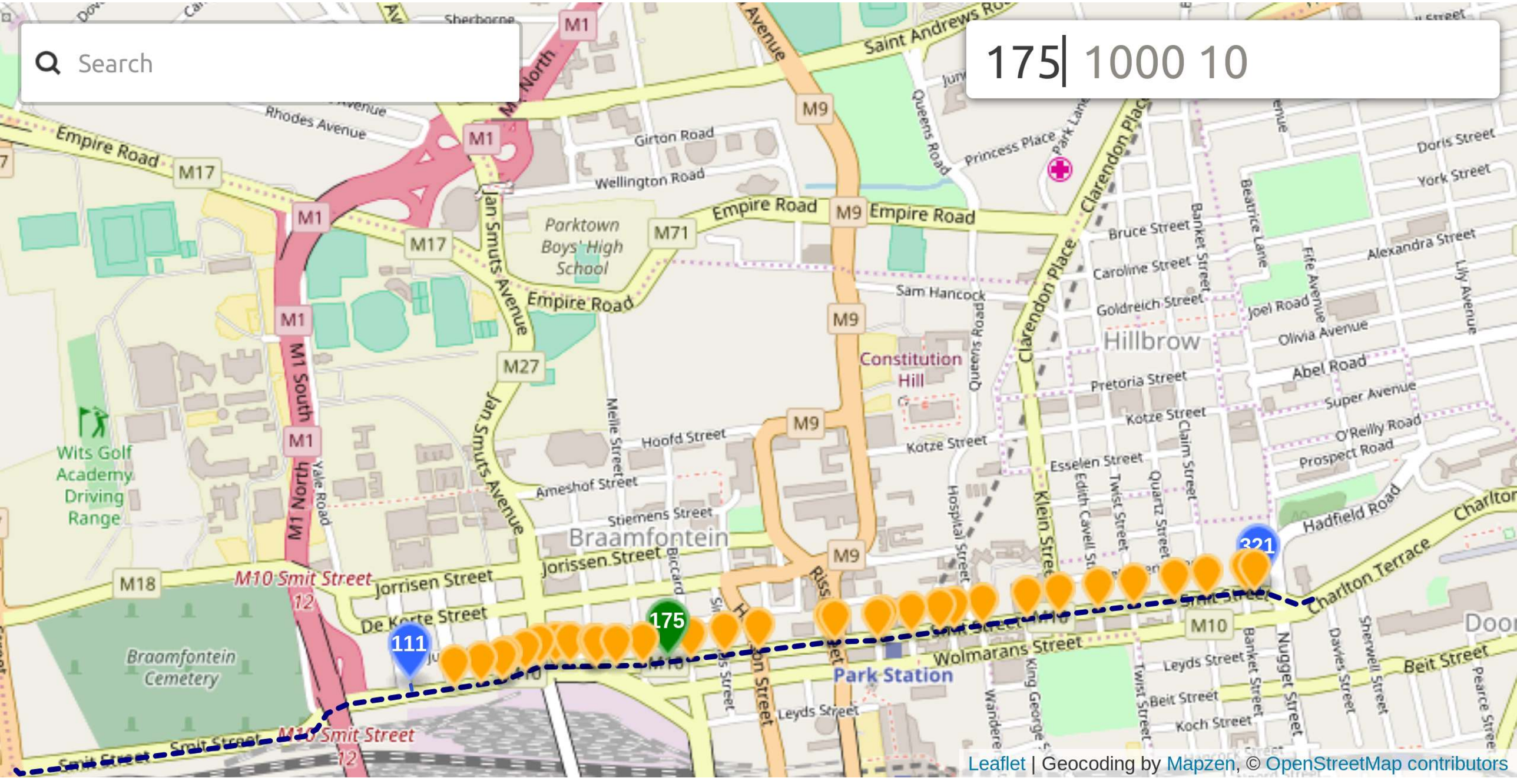

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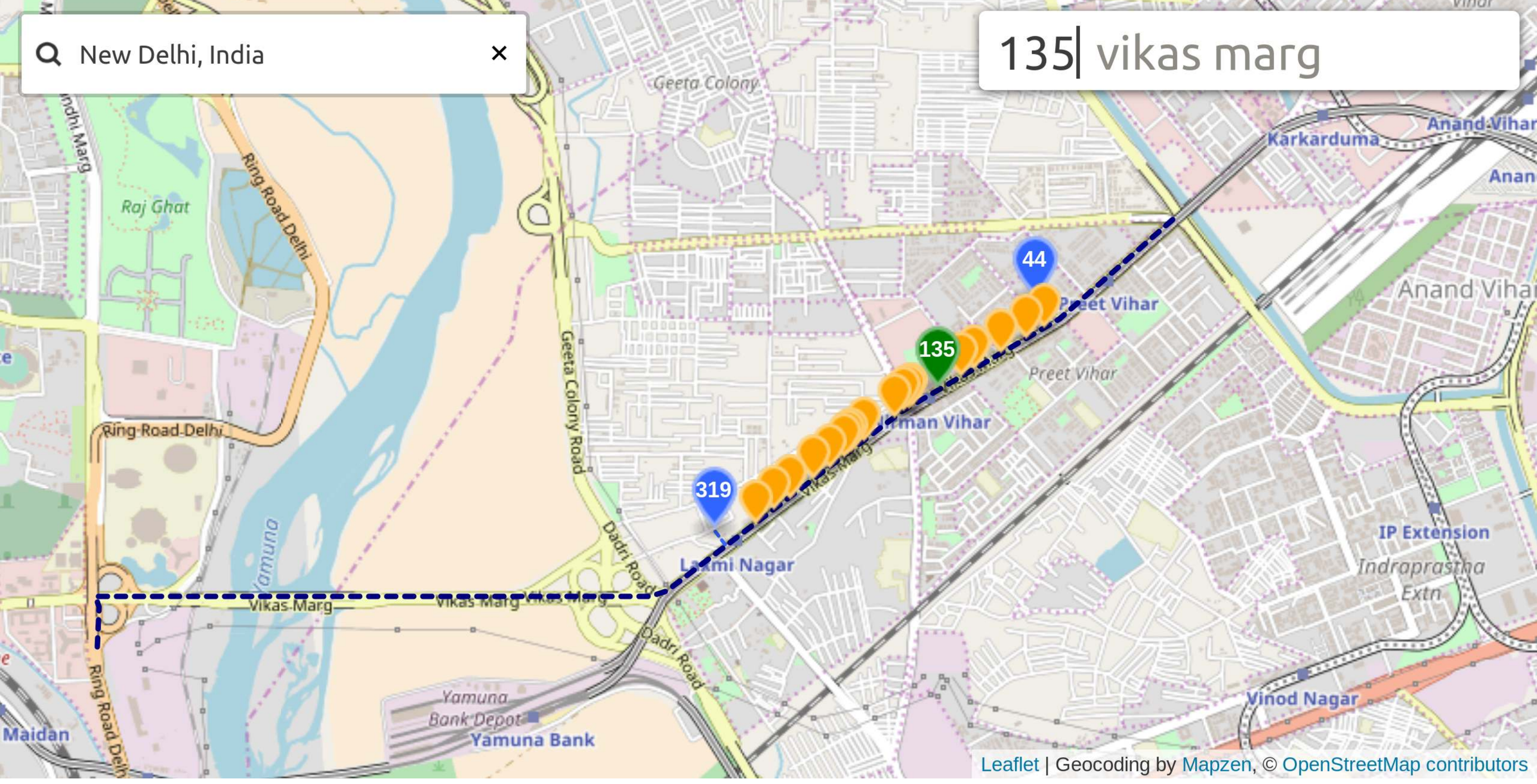

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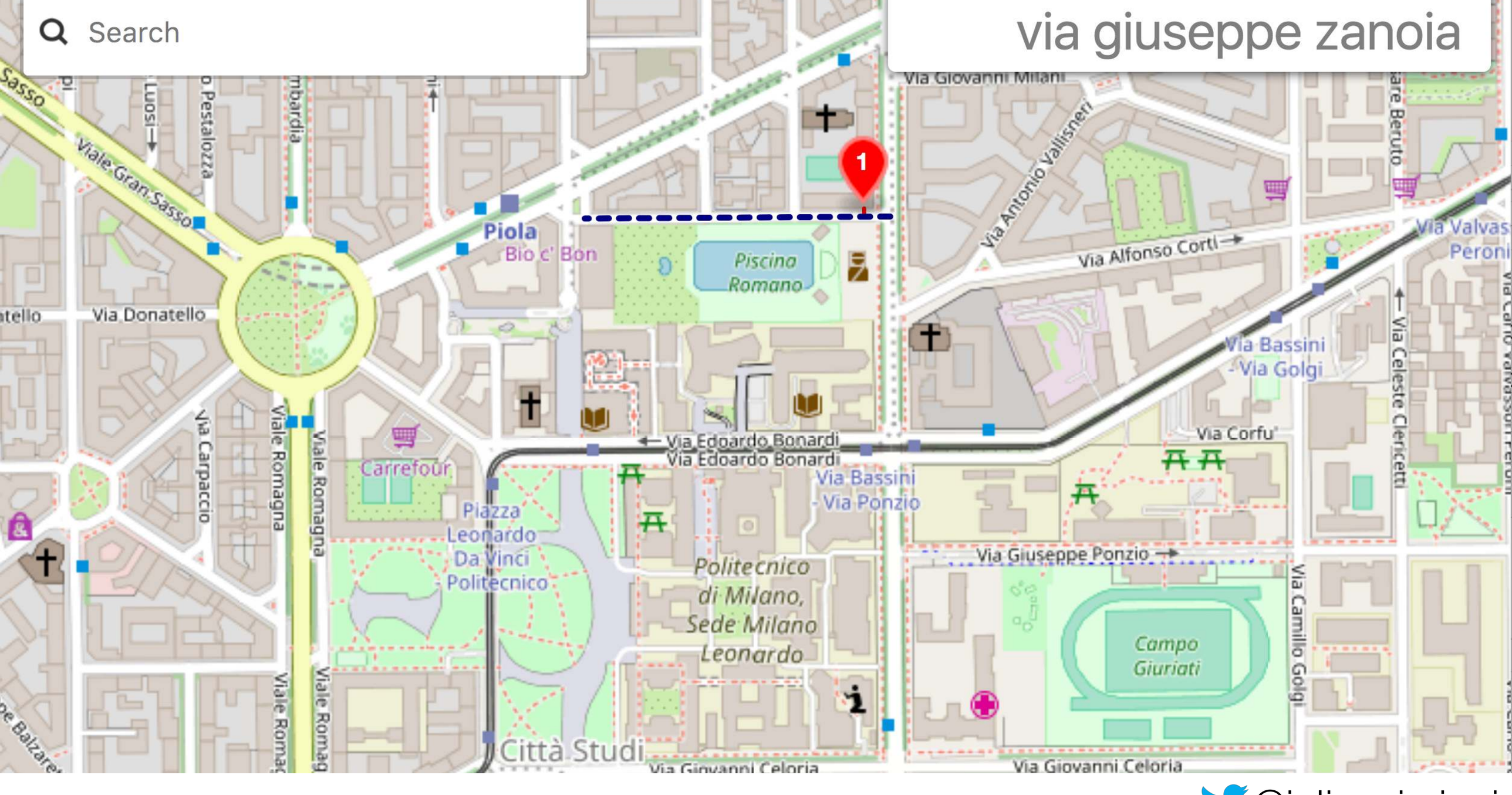


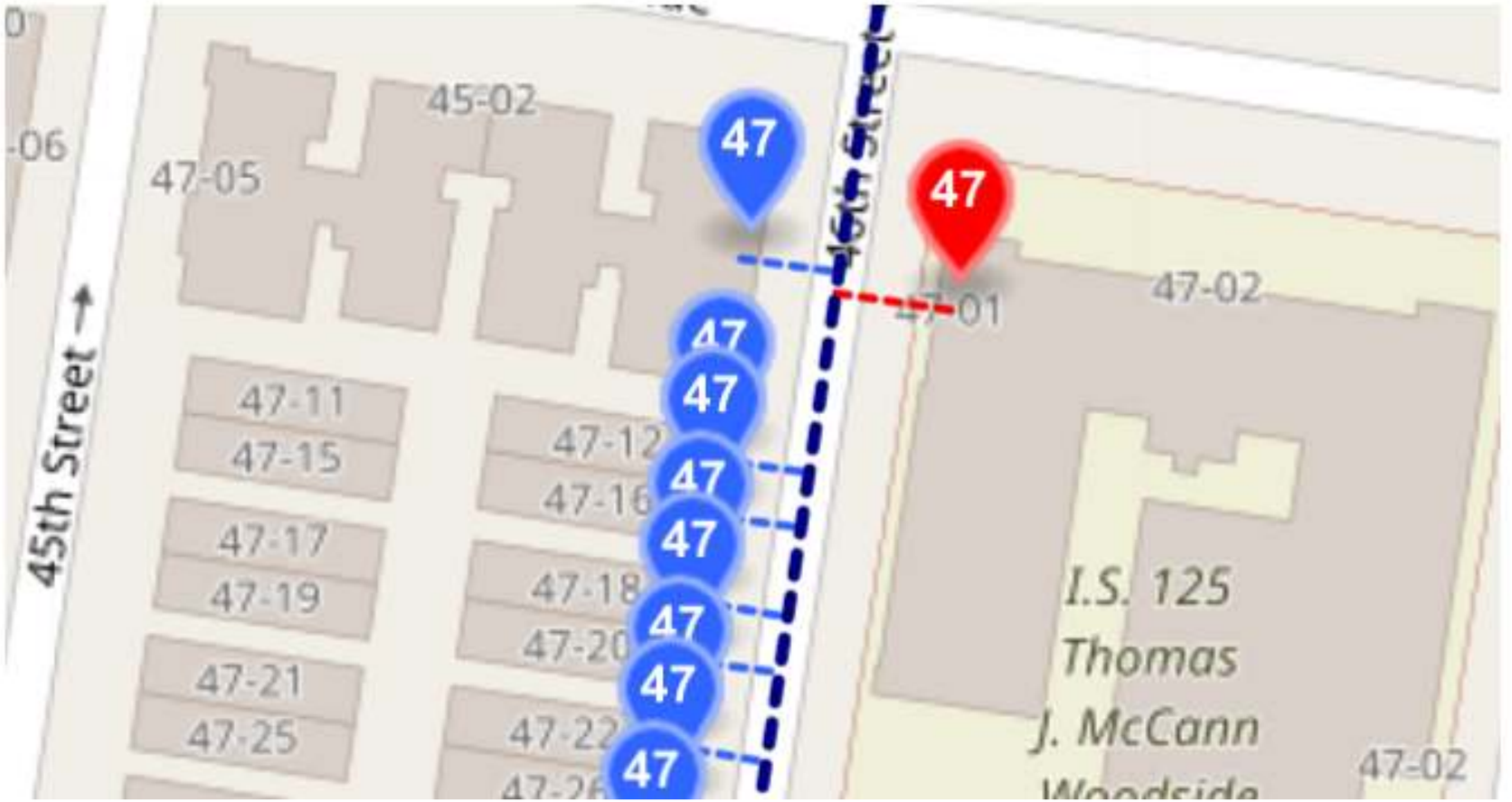
@juliansimioni

oni

missinglink commented on Oct 18, 2016 • edited

Owner

these are the funky queens house numbers:



https://github.com/pelias/interpolation/issues/1

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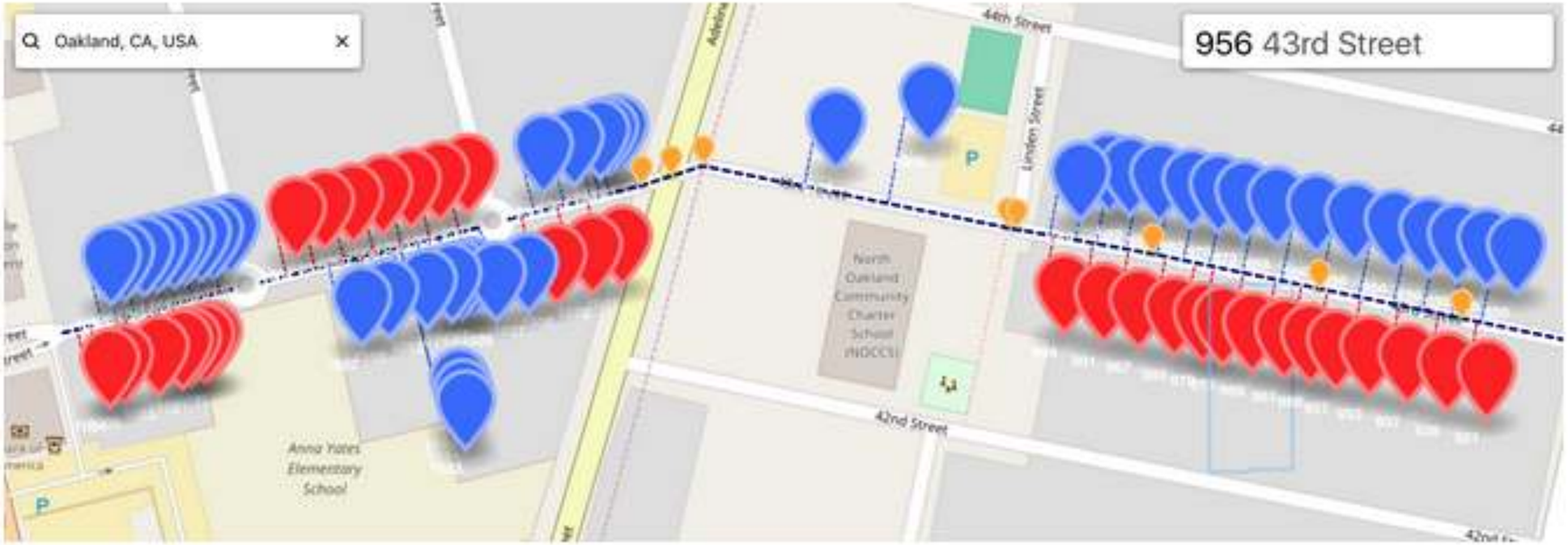
migurski commented on Oct 24, 2016

The even/odd switching in the western Emeryville section of 43rd St. is odd:



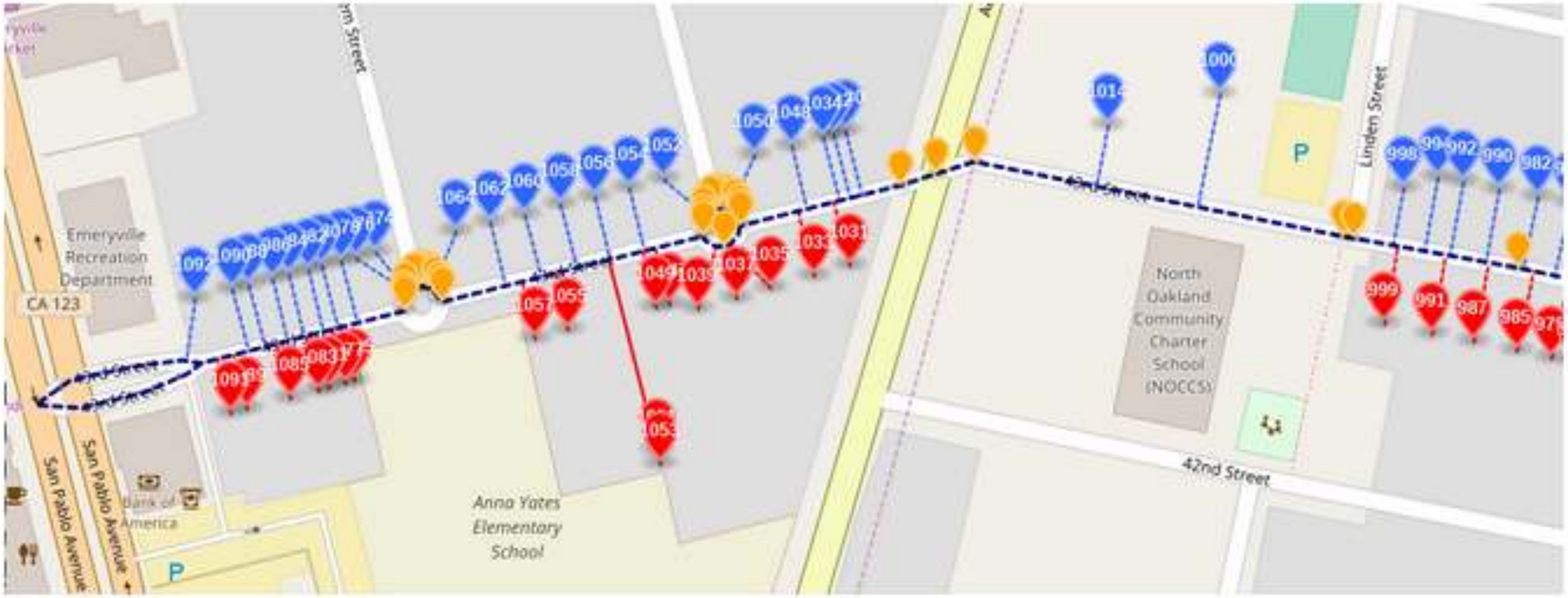
https://github.com/pelias/interpolation/issues/19

@juliansimioni

missinglink commented on Dec 5, 2016 • edited

Owner

@migurski your OSM update has resolved the issue, thanks!



https://github.com/pelias/interpolation/issues/19

@juliansimioni

missinglink commented on Oct 13, 2016 • edited

Owner

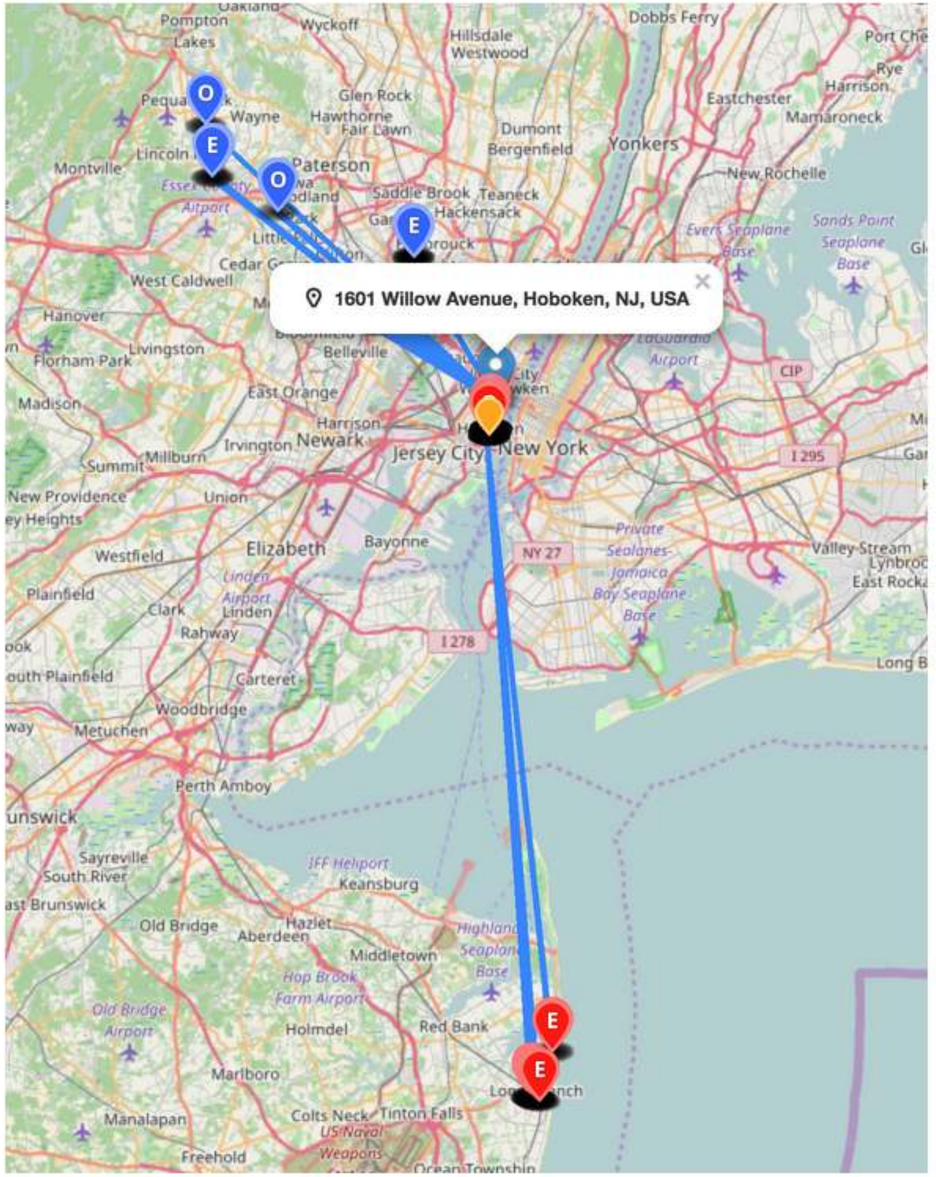
this issue: (Berlin, Germany)

https://github.com/pelias/interpolation/issues/8

@juliansimioni

dianashk commented on Oct 17, 2016 — Owner

Search for this address: `1601 Willow Avenue, Hoboken, NJ` and then click on the `Willow Avenue`. You can see at either end of the street there are far reaching offshoots.



https://github.com/pelias/interpolation/issues/13

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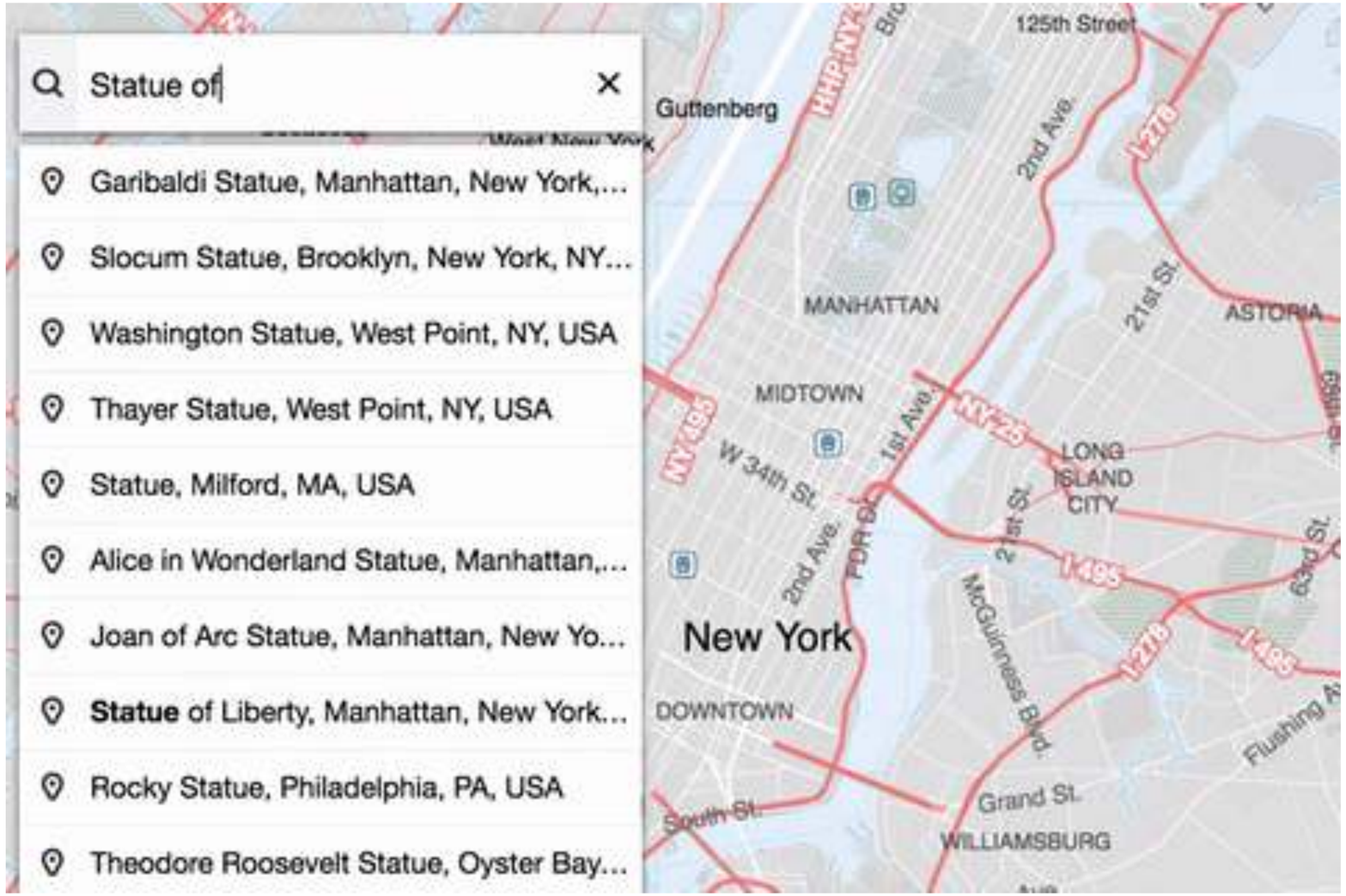
The Future
NEXT EXIT



Autocomplete

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SPEED

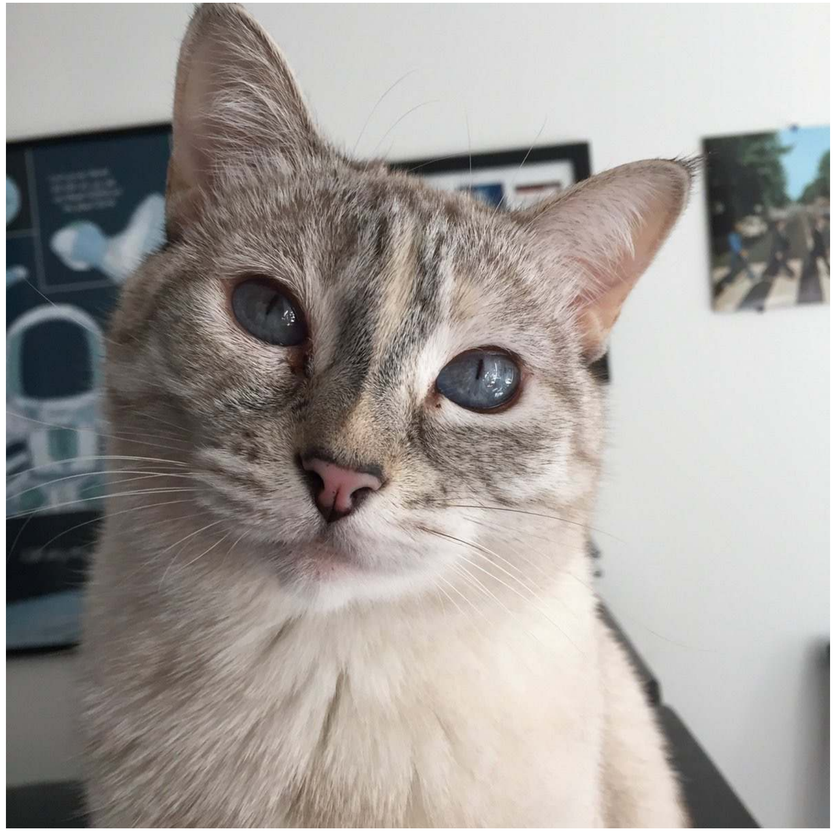
Right now building the interpolation dataset takes 16 days :(

What YOU Can Do

- Add streets to OSM
- Add street **names** to existing streets
- Add addresses to existing OSM venues
- Add **postal codes** to addresses
- Extra fancy: add address ranges to streets

@juliansimioni

Thank You!



twitter.com/juliansimioni

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