

Hundred* Thousand Rides A Day

Ilya Zverev, Juno Lab
FOSDEM 2019



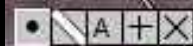
I come from OpenStreetMap



And it has a problem

An aerial photograph of a dense urban area, likely a city center, showing a complex network of streets, buildings, and green spaces. The image is overlaid with the word "Sources" in a large, white, serif font, centered horizontally and vertically. The background shows a mix of residential and commercial buildings, with some green spaces and parks interspersed throughout the urban fabric. The overall tone is somewhat muted, with a focus on the architectural and spatial patterns of the city.

Sources





OpenStreetMap

Edit



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Export

GPS Traces

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About



65

Zverik

Search

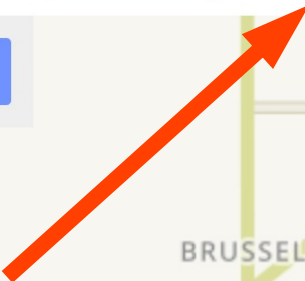
Where is this?

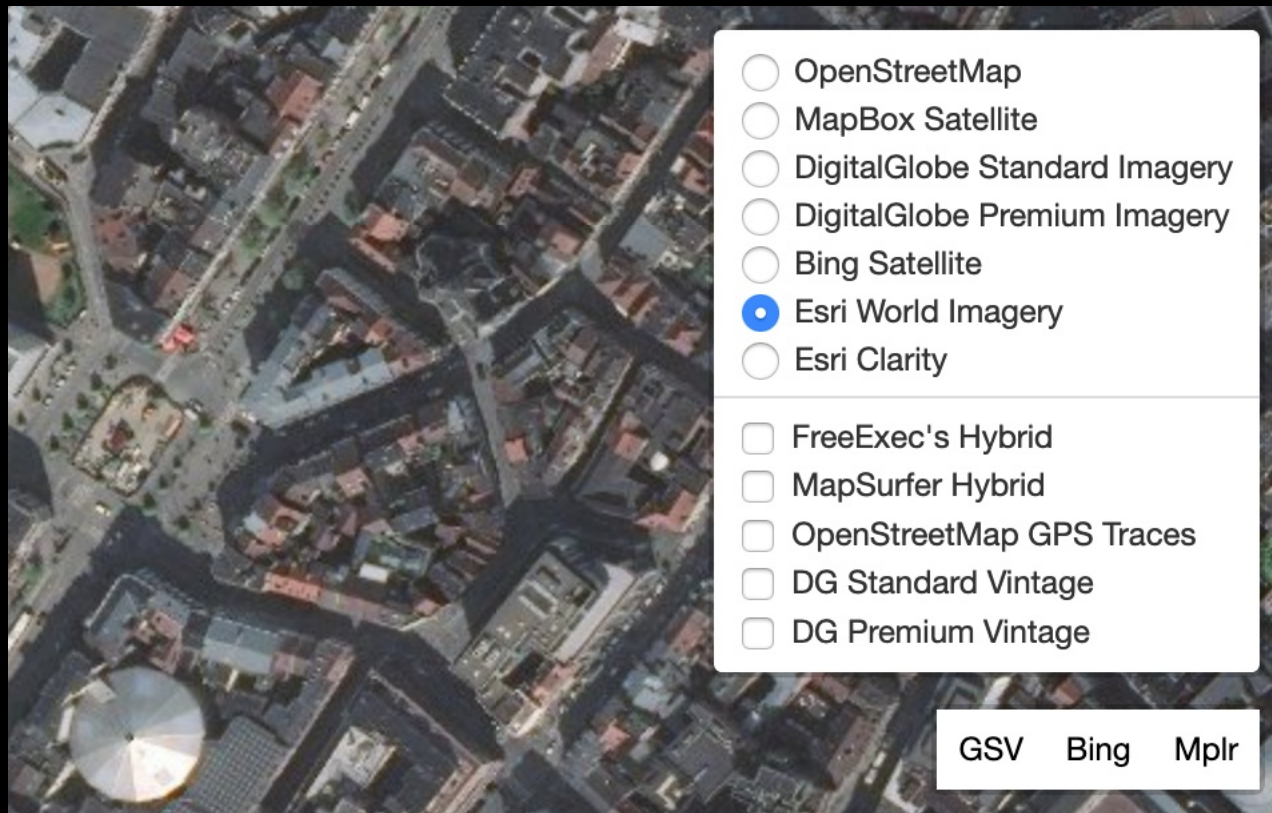
Go



BRUSSELS

Junction Road

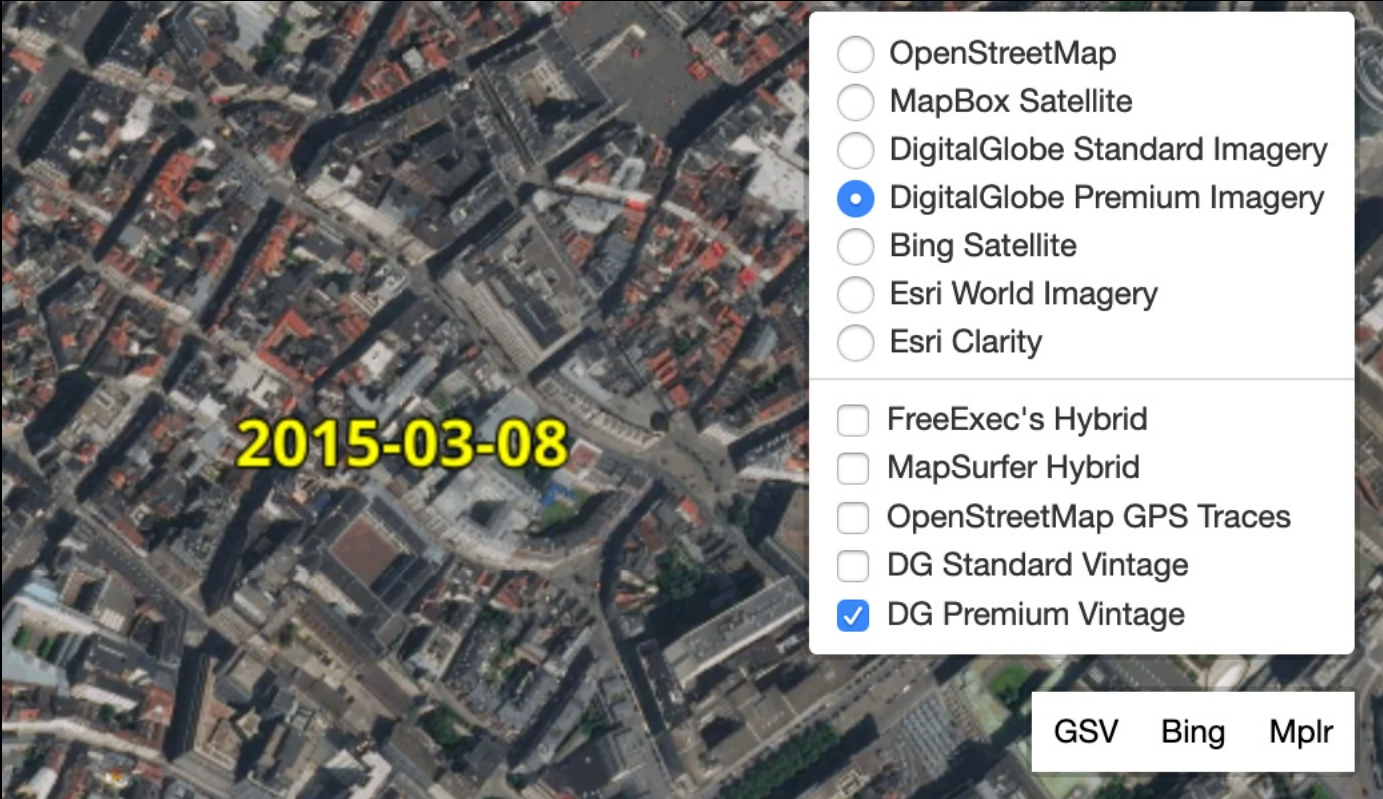




- ☐ OpenStreetMap
- ☐ MapBox Satellite
- ☐ DigitalGlobe Standard Imagery
- ☐ DigitalGlobe Premium Imagery
- ☐ Bing Satellite
- ☒ Esri World Imagery
- ☐ Esri Clarity

- ☐ FreeExec's Hybrid
- ☐ MapSurfer Hybrid
- ☐ OpenStreetMap GPS Traces
- ☐ DG Standard Vintage
- ☐ DG Premium Vintage

GSV Bing Mplr

A satellite map of a city street grid, likely New York City, showing a dense network of streets and buildings. A date overlay is present in the center-left.

2015-03-08

- ☐ OpenStreetMap
- ☐ MapBox Satellite
- ☐ DigitalGlobe Standard Imagery
- ☒ DigitalGlobe Premium Imagery
- ☐ Bing Satellite
- ☐ Esri World Imagery
- ☐ Esri Clarity

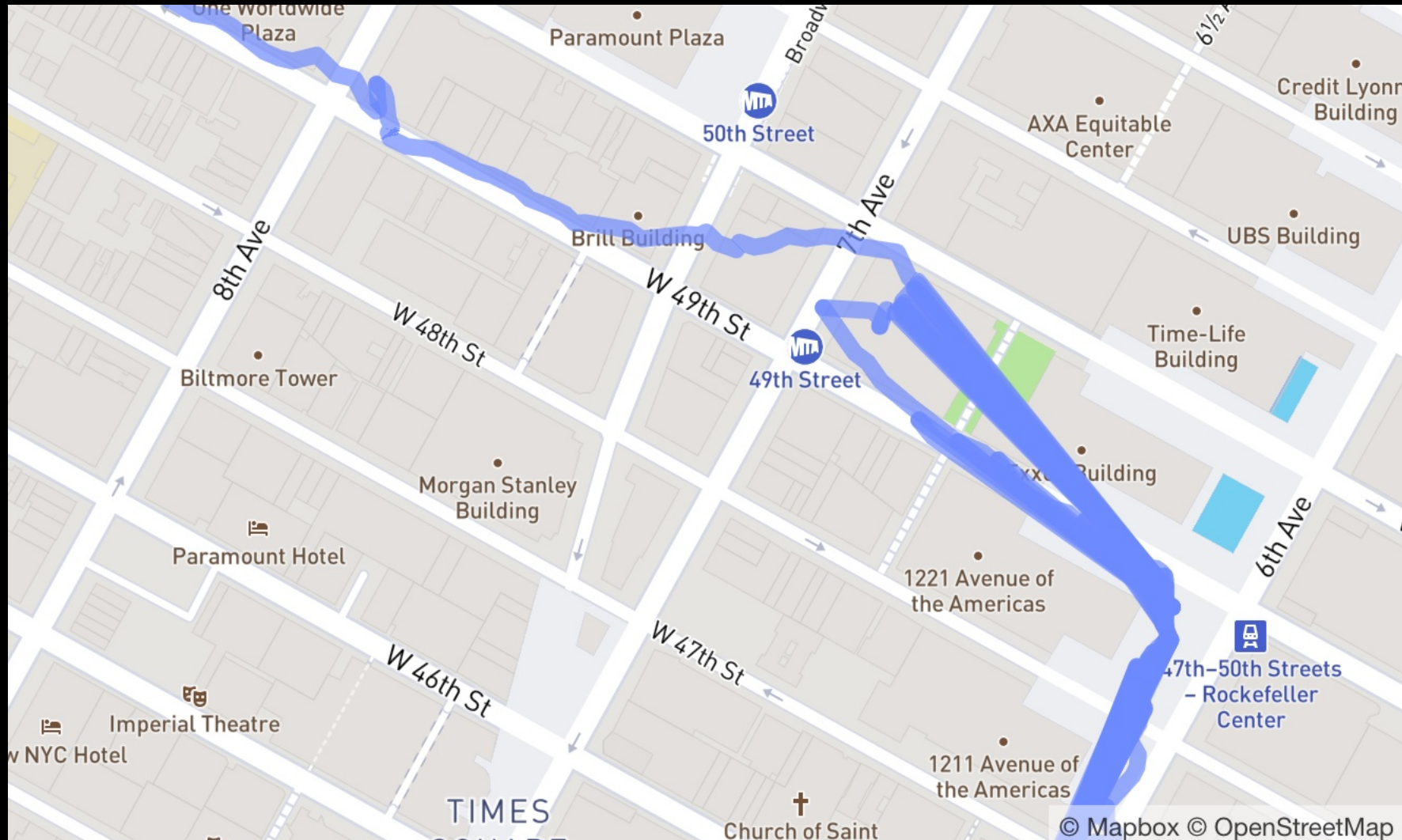
- ☐ FreeExec's Hybrid
- ☐ MapSurfer Hybrid
- ☐ OpenStreetMap GPS Traces
- ☐ DG Standard Vintage
- ☒ DG Premium Vintage

GSV Bing Mplr

We paint a map of yesterday

junio

* okay, 50 thousand



OSRM Matching





How do I improve OSM?

Graph Validator

× Ride 47ead664-13f8-4e65-8538-4fab50073252

Similar

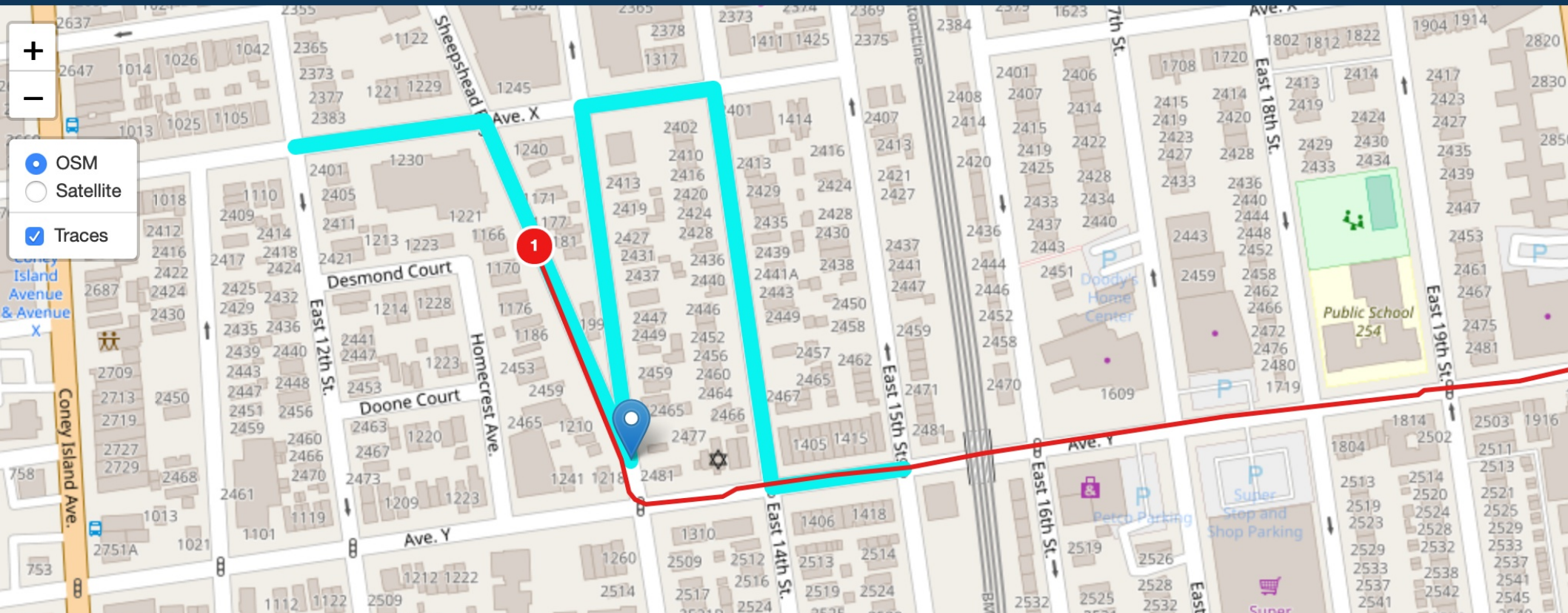
1/3

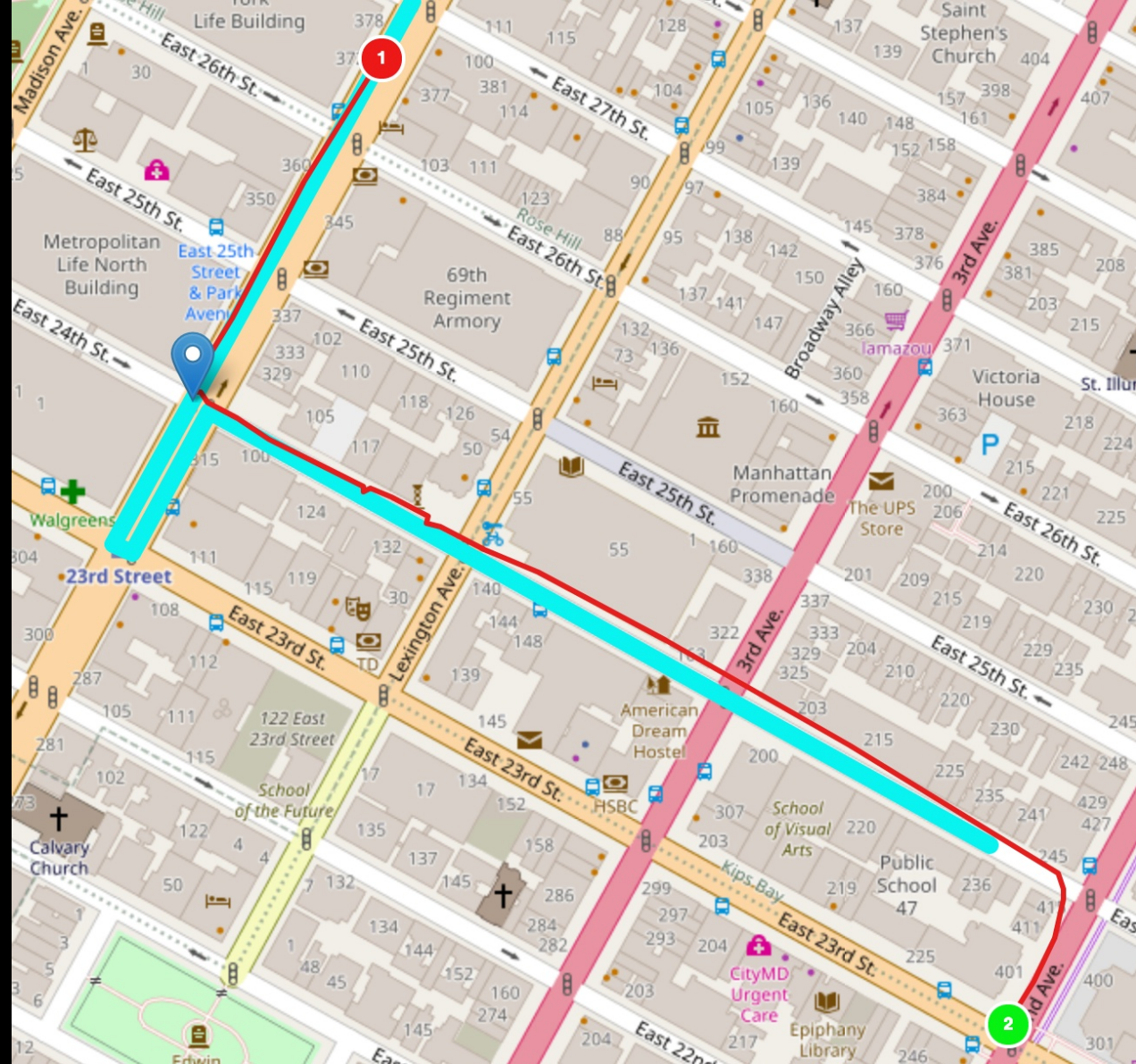
See on [Support](#) [OSM](#) [GMaps](#) [Mapillary](#)

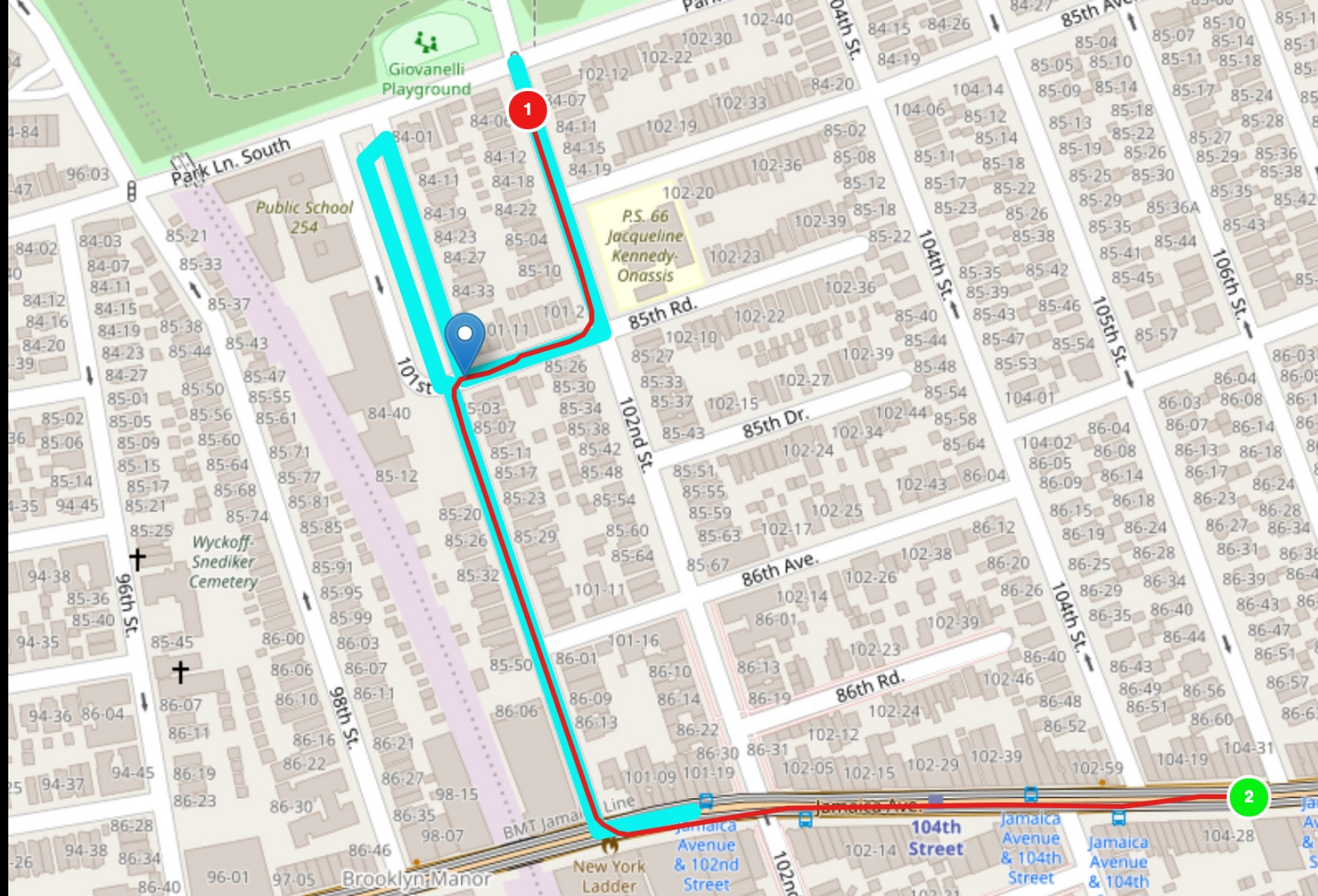
Edit in

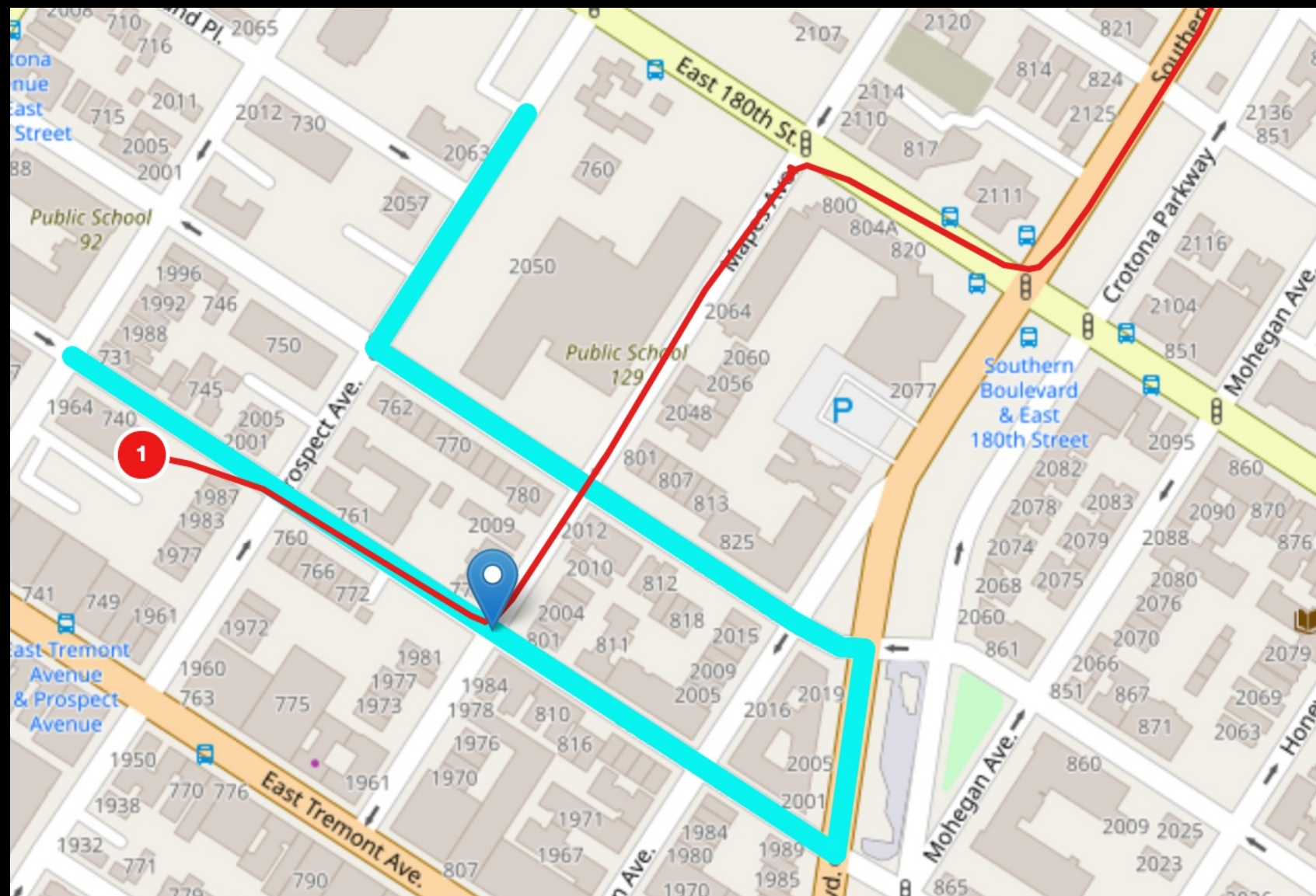
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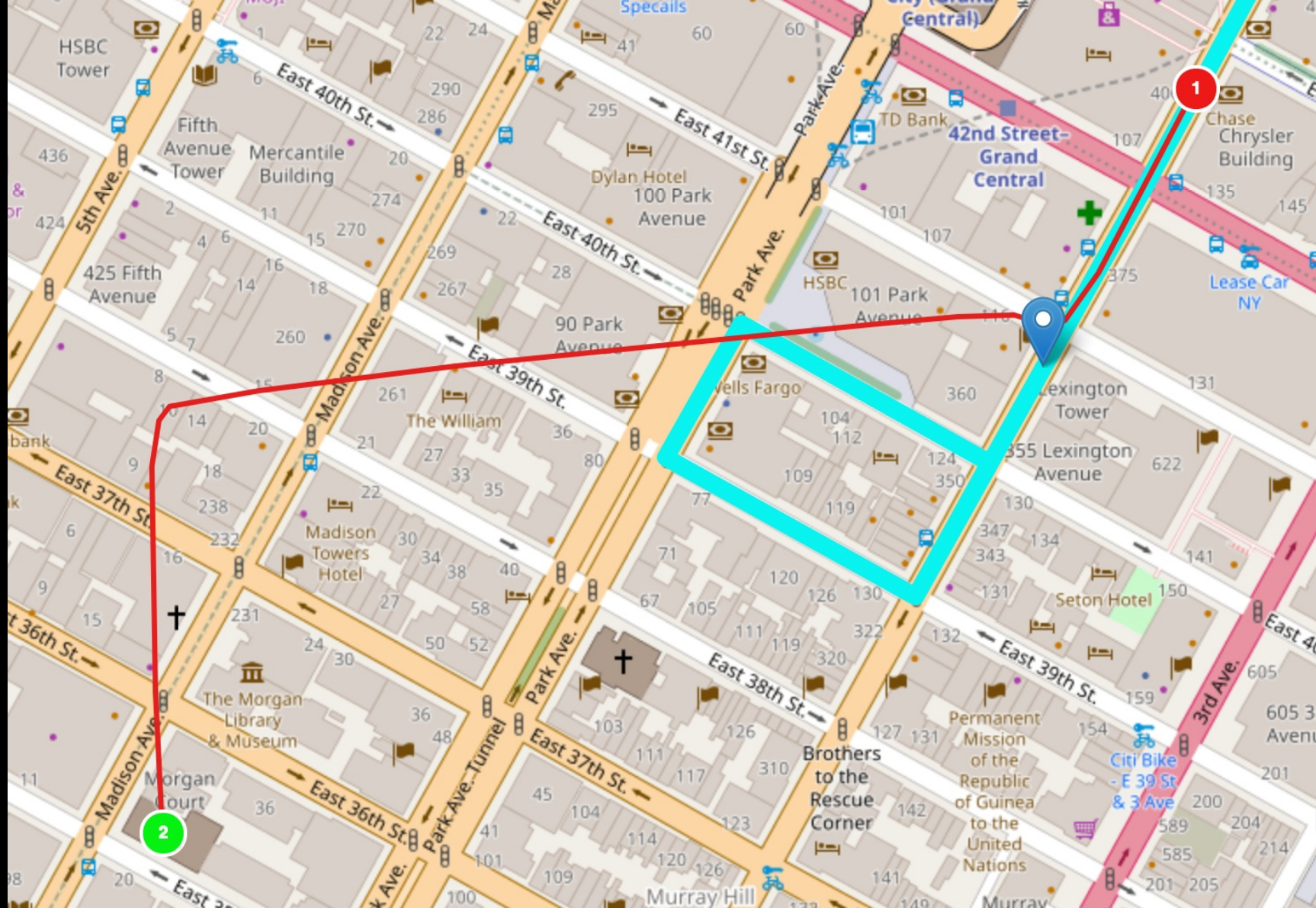
JOSM

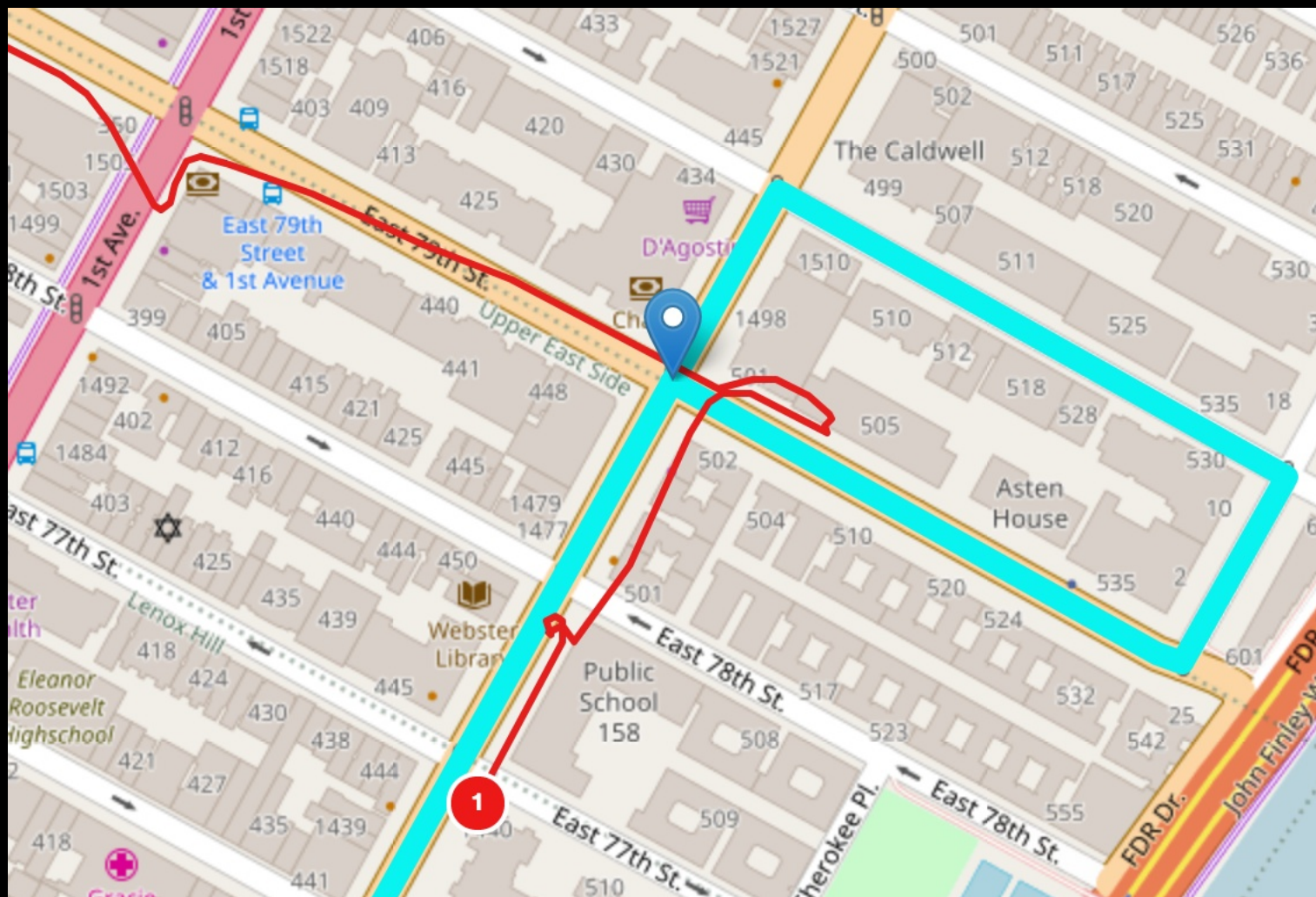




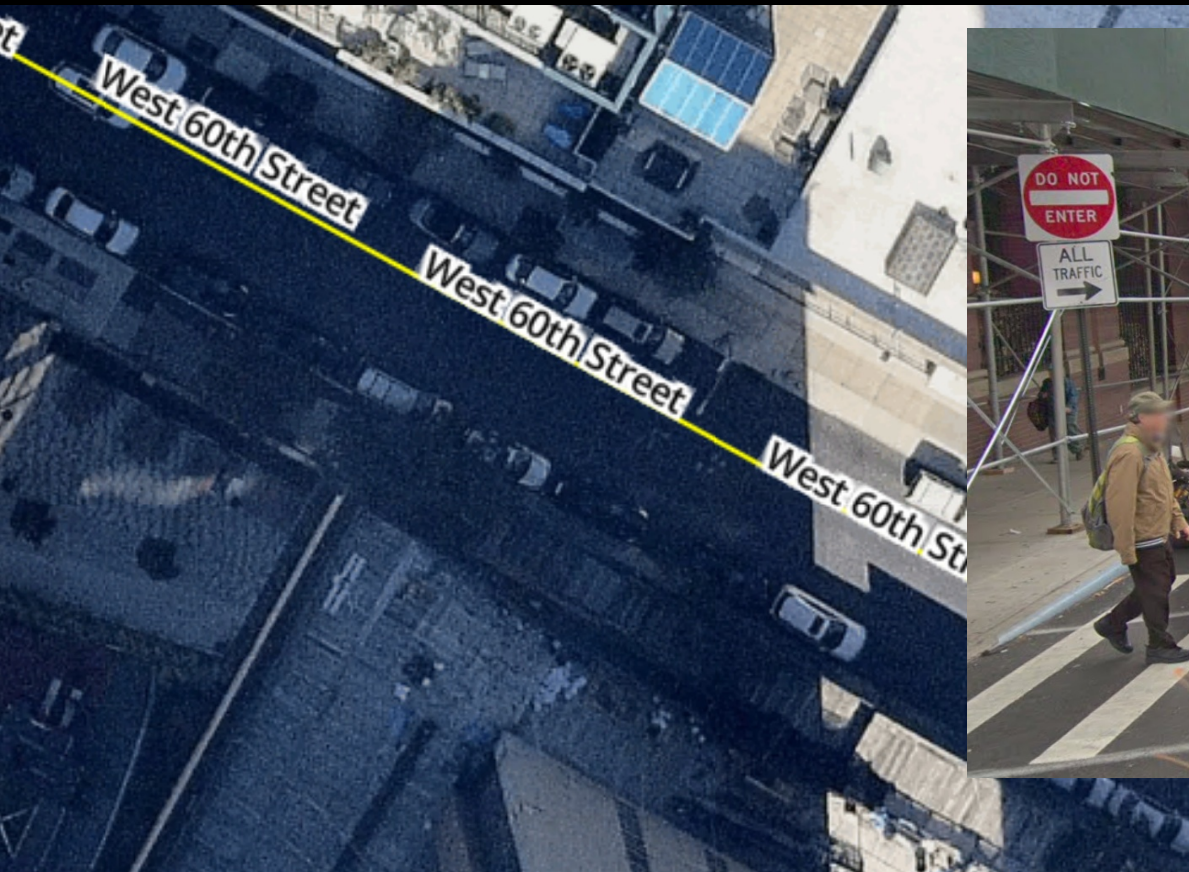


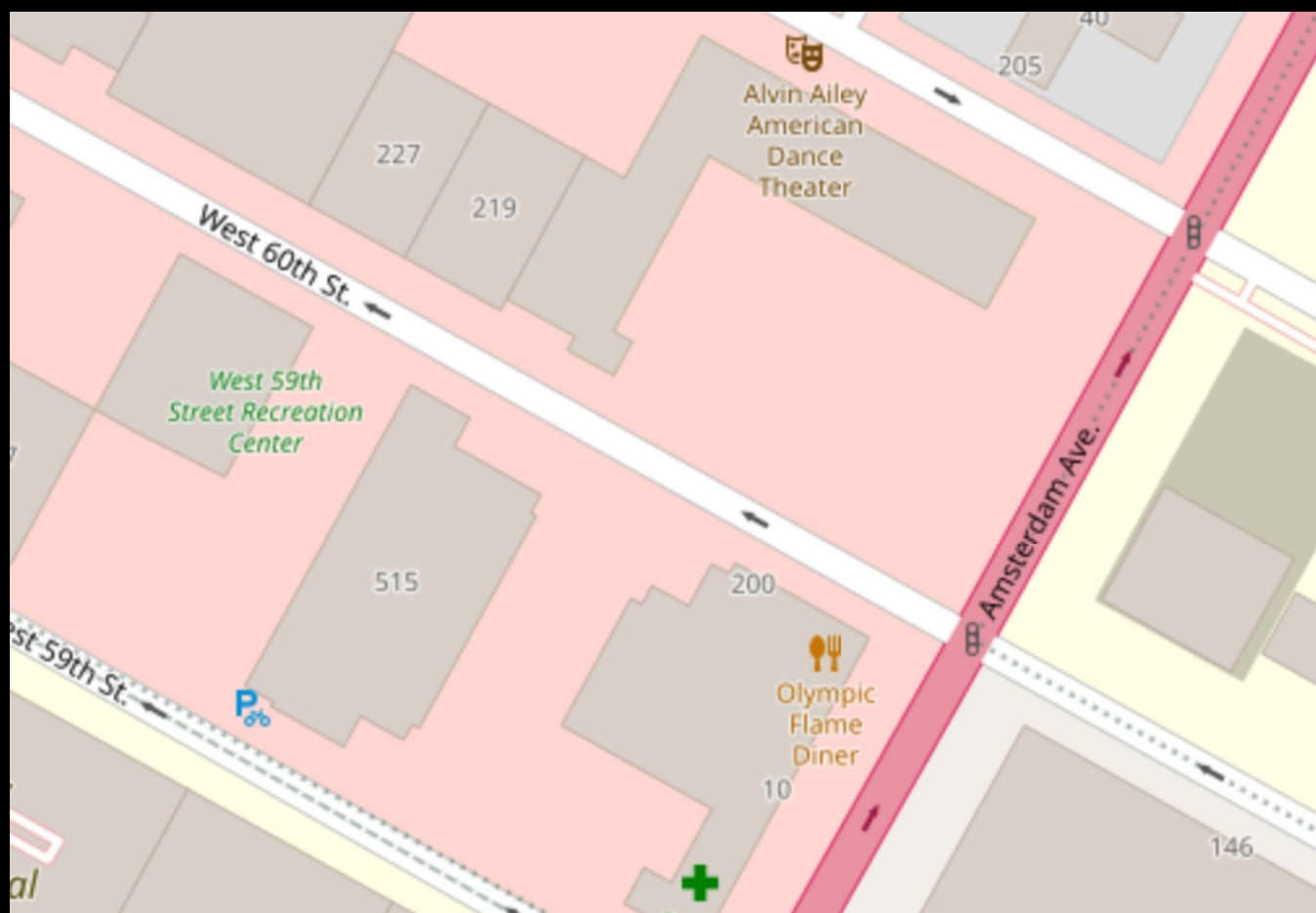






120 rides broken by reversing streets





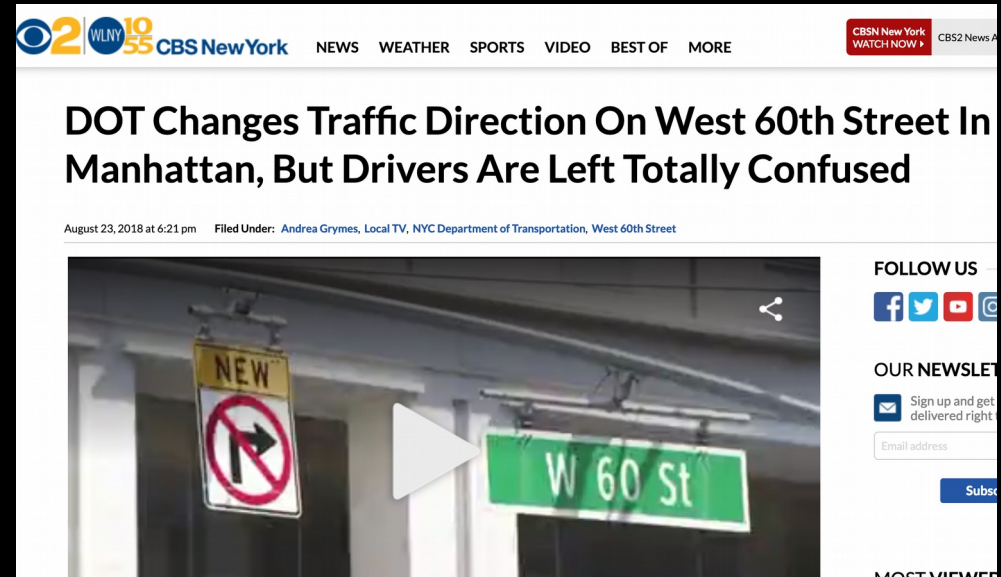
Comment from [ggando_lyft](#) 28 days ago

Hi Zverik!

My name is Gizelle, I am apart of the OSM Mapping Team at Lyft. We appreciate you in letting us know about this error and reverting the change.

As the change in the directionality of this road was so recent we didn't have a resource that was up to date enough to catch it.

In the future we will do better at checking the



1. Lyft (and Uber) uses OSM and has a dedicated mappers team.
2. Even they do not have recent sources.

What is recent enough?

GPX

The background of the image is a solid black field. Overlaid on this are numerous thin, curved lines in various colors including blue, green, yellow, orange, red, and purple. These lines are scattered across the frame, with a higher concentration in the upper half, creating a sense of movement and complexity.

GPX Tiles





An aerial photograph of a city, likely New York City, showing a dense grid of streets. Overlaid on the map is a complex network of thin, multi-colored lines in shades of red, green, blue, and yellow. These lines represent a 'one day old Dockerized permitted' network, which appears to be a dense, interconnected web of paths or routes covering most of the urban area. The lines are very thin and closely packed, especially in the central business district and other high-density areas. The background is a grayscale aerial view of the city's buildings, streets, and some green spaces.

one day old
dockerized
permitted

Sources \neq Traced Map





CHALLENGE INFORMATION

Add Lanes to Major Roads NSW

INSTRUCTIONS

This way is part of a major highway, but does not have a **lanes** tag. Please add this tag indicating the number of travel lanes.

COMMENTS

[Edit](#)[Not an Issue](#)[Skip](#)

Other Ideas

- Highway classification
- Oneway or twoway?
- Missing turn restrictions
- Speed limits
- ???

Companies rely on money

Open source relies on you

Working for a company / government?

Help them open geodata or code

Thanks!

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