Mapping Rákospalota professionally

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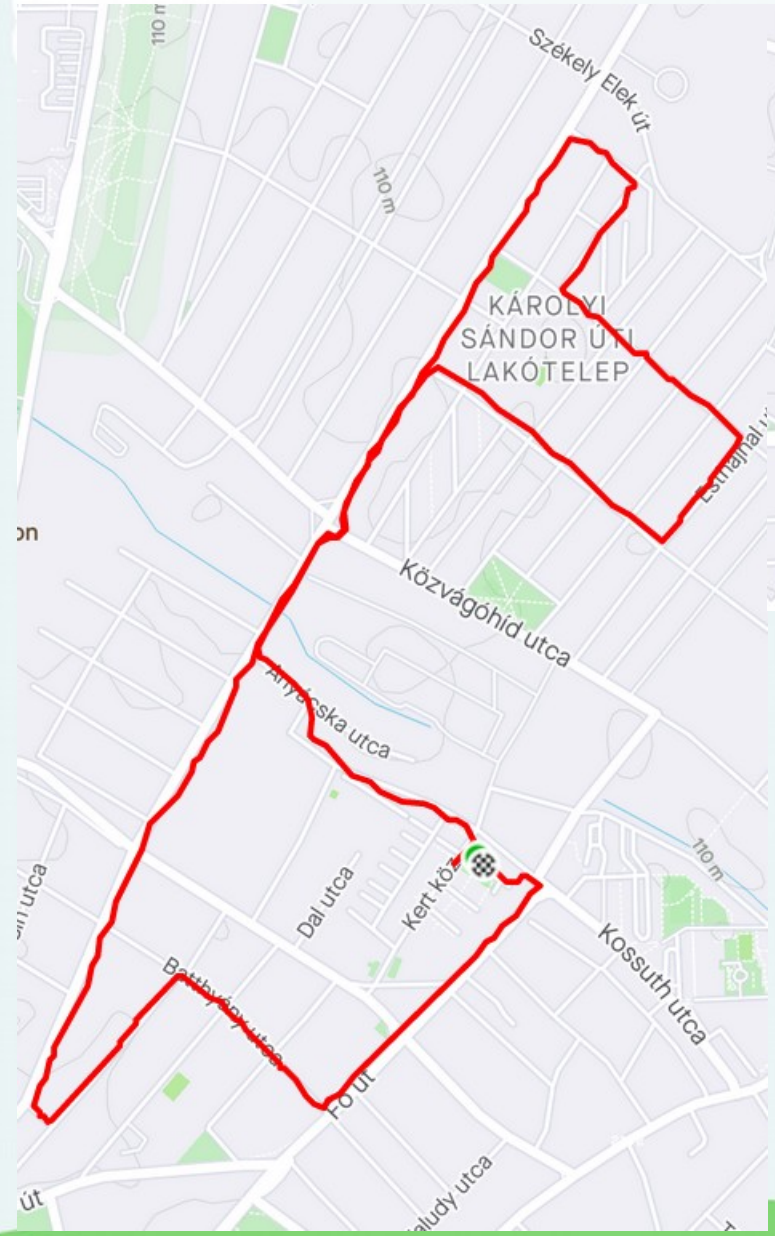
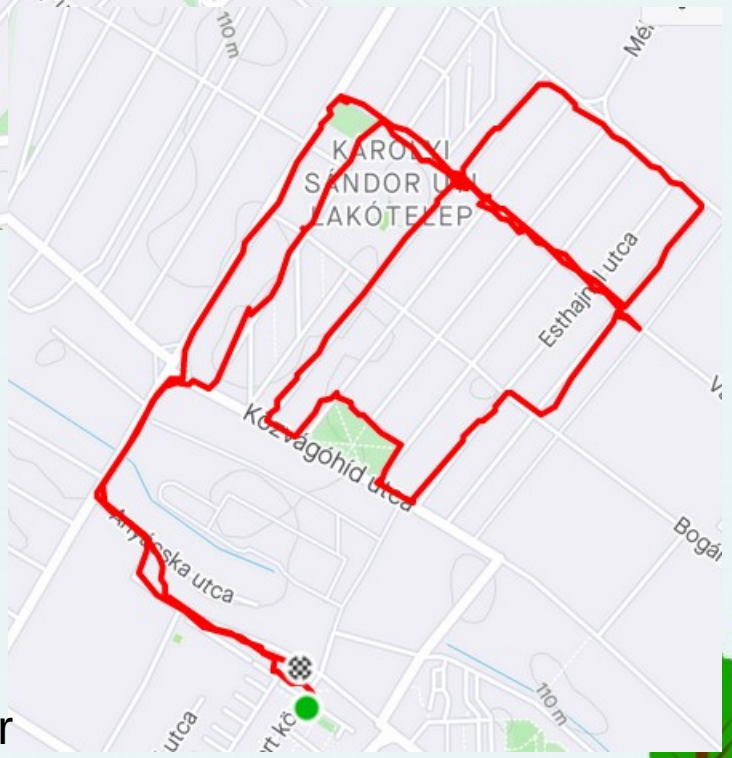
Preface

- COVID → no university, so I have to complete the Physical Training I (PE) subject online (via Strava app)
- At least 5 km(3.1 mi) trips, 15 km(9.3 mi)/week requirement: 100 km(62 mi) in this semester (or I could go 200 km by bike but I can’t ride a bicycle as good as a normal person :))
- Because I don’t want to get bored, let me have an own project → OSM!

Routes, where I usually go to

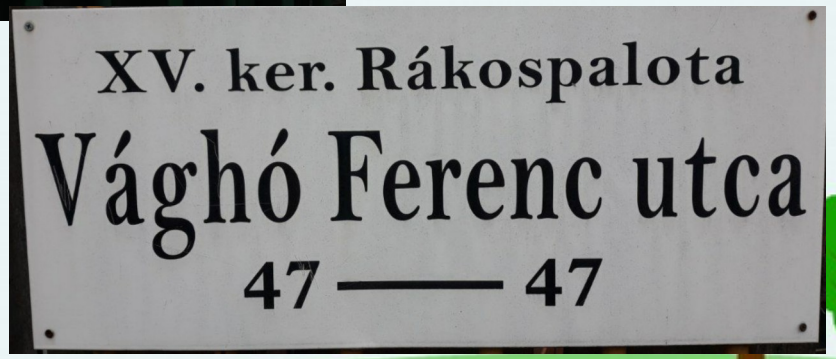




Source:
Tracks made via Strava (5-6 km or 3-3.5 mi)

Mapping methods

Writing down the interpolations from these signs into my phone



Problems...

- Nowadays pipeline is getting reconstructed near Szilas Stream, making my work harder when mapping Közvágóhíd utca (street). I need to dodge the holes in the sidewalk.

Közvágóhíd tér(square) after refurbishing… It didn’t have this circle in the middle before.

Mapping methods

- I put the interpolation first into OSM

Mapping methods

Area list ¦ Missing house numbers ¦ Update from OSM ¦ Update from reference ¦ Existing house numbers ¦ Existing streets ¦ Overpass turbo ¦ Area boundary

OpenStreetMap is possibly missing the below 1075 house numbers for 36 streets. (existing: 458, ready: 29.88%).
Filter incorrect information.
Overpass turbo query for the below streets
Plain text format
Checklist format

Street name	Missing count ▲	House numbers
Veresegyházi utca	133	1/B, 3, 5, 7, 9, 11, 13, 15, 17, 21, 23, 25-27, 29, 29/A, 31, 33, 35, 37, 39, 41, 43, 45, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 75/A, 75/B, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127 2, 4, 6, 6/A, 6/B, 8, 10, 10/A, 10/B, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42/B, 44, 44/A, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 68-70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 92/A, 92/B, 94, 96, 98, 100, 102, 104, 106, 106/A, 106/B, 108, 110, 112, 114, 116, 118, 120, 122
Csomád utca	112	1, 3, 5, 5/A, 5/B, 7, 7/A, 9, 9/A, 9/B, 11, 13, 15, 15/A, 15/B, 15/D, 17, 19, 19/B, 21, 23, 23/A, 23/B, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49/A, 49/B, 51/A, 51/B, 53, 55, 57, 59, 59/A, 61, 63, 63/A, 63/B, 65, 67, 69, 71, 73, 75, 77, 79, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113 6, 6/B, 8, 10, 12, 14, 14/A, 16, 16/A, 18, 20, 22, 22/B, 24, 26, 26/B, 28, 30, 32, 34, 34/A, 36, 38, 40, 42, 44, 44/A, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 68/A, 70
Kemény István utca	106	1, 1/A, 3, 3/A, 5, 5/B, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41/A, 41/B, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93/A, 93/B, 95 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 48/A, 50, 50/A, 50/B, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104
Károlyi Sándor út	77	47/B, 49/9, 99/A, 109/B, 113/3, 113/A, 113/I, 117-119, 119-121, 121, 139-141 42/A, 46/A, 50, 52, 54, 56, 58, 58/B, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 86/A, 88, 90, 92/A, 92/B, 92/C, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 132/A, 132/B, 134, 136, 138, 140, 142, 144, 146, 148, 150, 154/A, 154/C, 156, 160, 162, 164, 166
Benkő István utca	72	3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 83/A, 85 4, 6, 8, 10, 12, 14, 16, 16/A, 20, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76

Then I go to OSM Gimmisn (an address reference) to look after missing addresses

Mapping methods

- I collect those addresses from Gimmisn which are /A /B (so which are weird (eg. 13/B)
- If I see in Gimmisn that there is no /A /B, then I just put all the addresses.
- In Rákospalota Kertváros it’s easy, because there is barely /A /B etc., maybe in some streets (it’s constructed in a lattice)
- Rákospalota Öregfalu is full of divided plots
- If there is /A /B on the spot, I record it into my phone, and if I see something odd, then I also write it down.

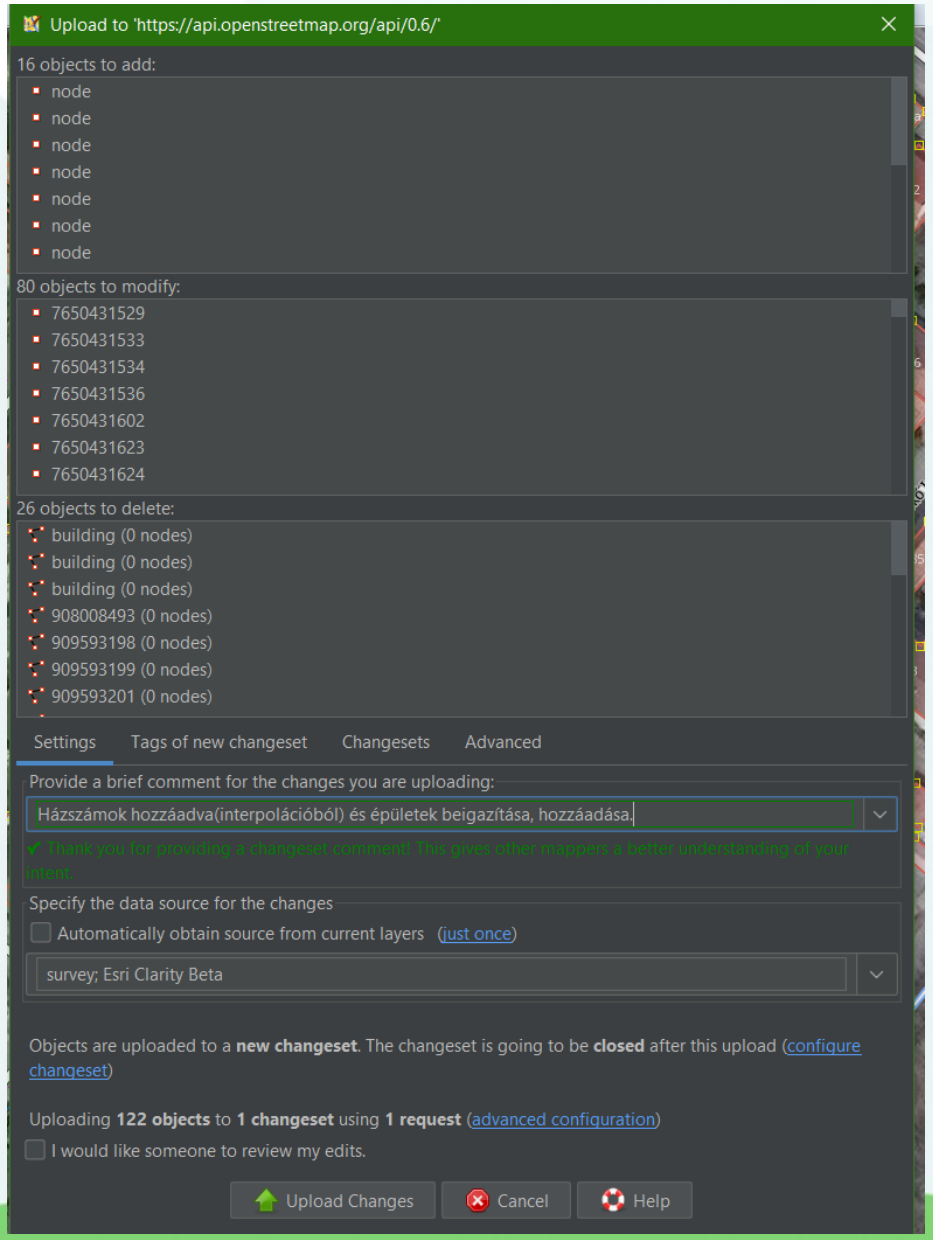
Putting adresses properly

Annotation/Address ...

Key	Value
addr:city	Budapest
addr:housenumber	19
addr:postcode	1151
addr:street	Szőcs Bertalan utca
building	yes

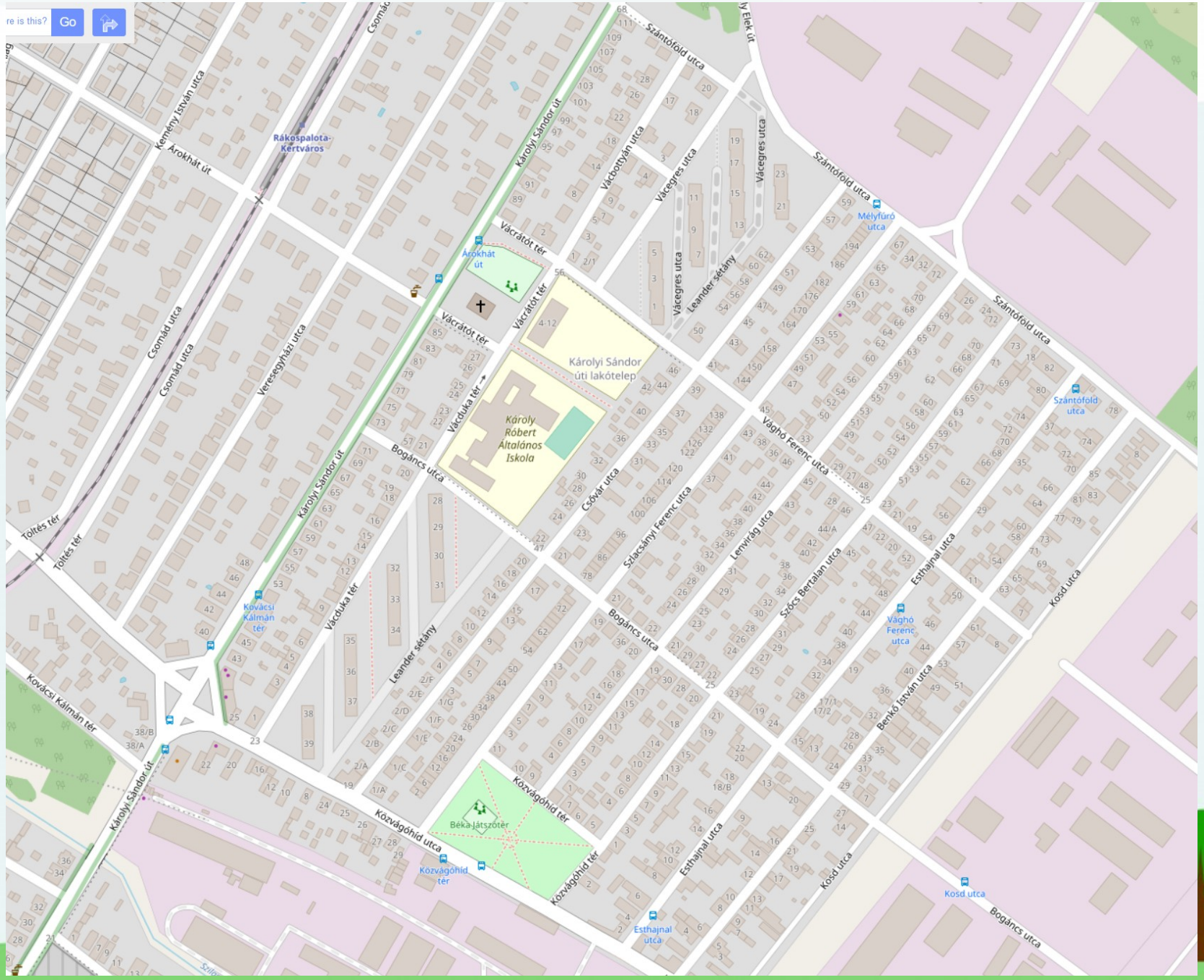
Add Edit Delete

And finalizing the changeset

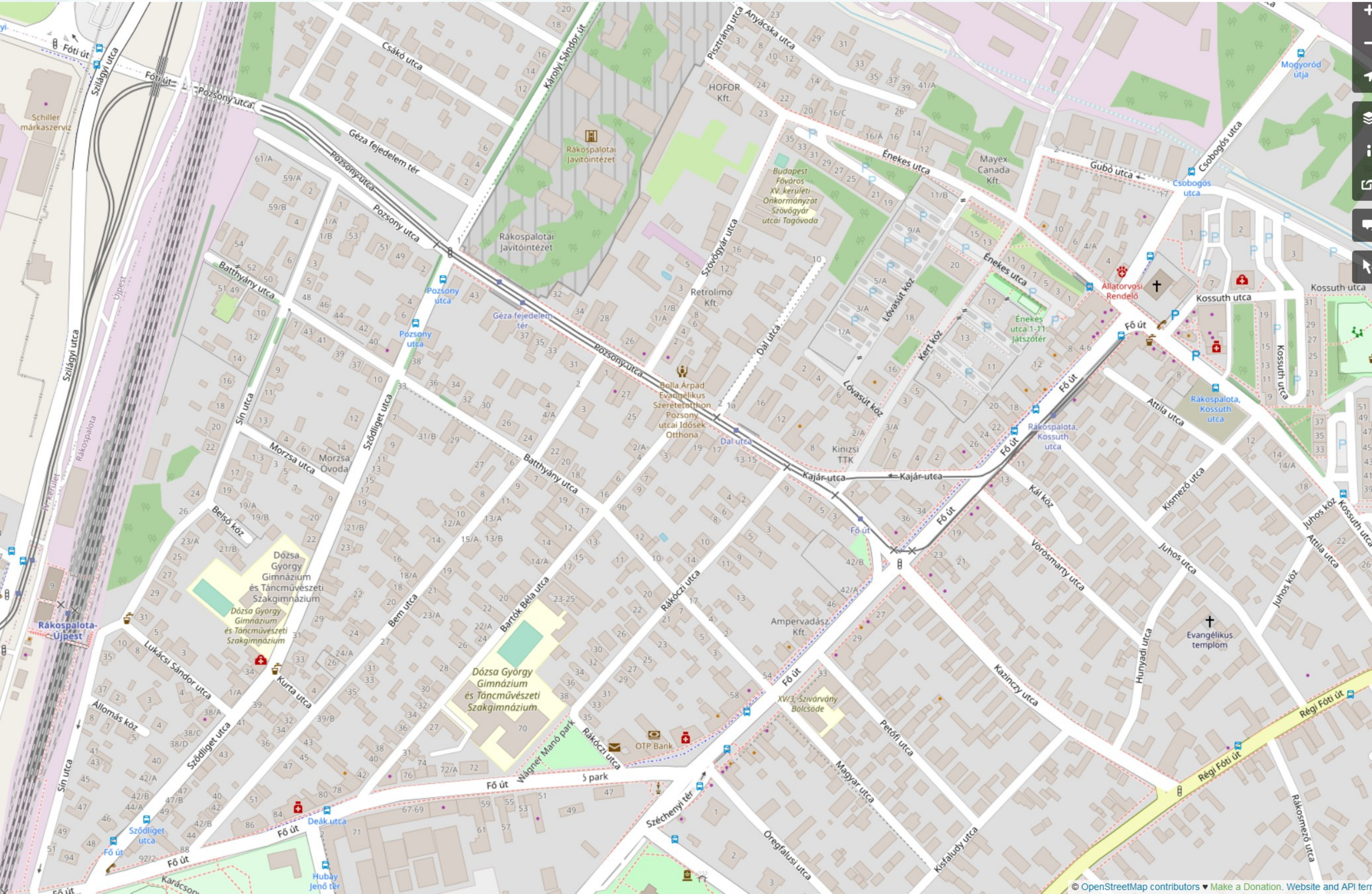


- In the changeset comment I write what I did.
- Sources: survey – important, because lot of mappers question you how did you get the information. Here I added what imagery I worked from, because I aligned buildings.

Final result



Final result



Thank you for your attention!
Any questions?