



OpenStreetMap

Steve Coast
steve@asklater.com

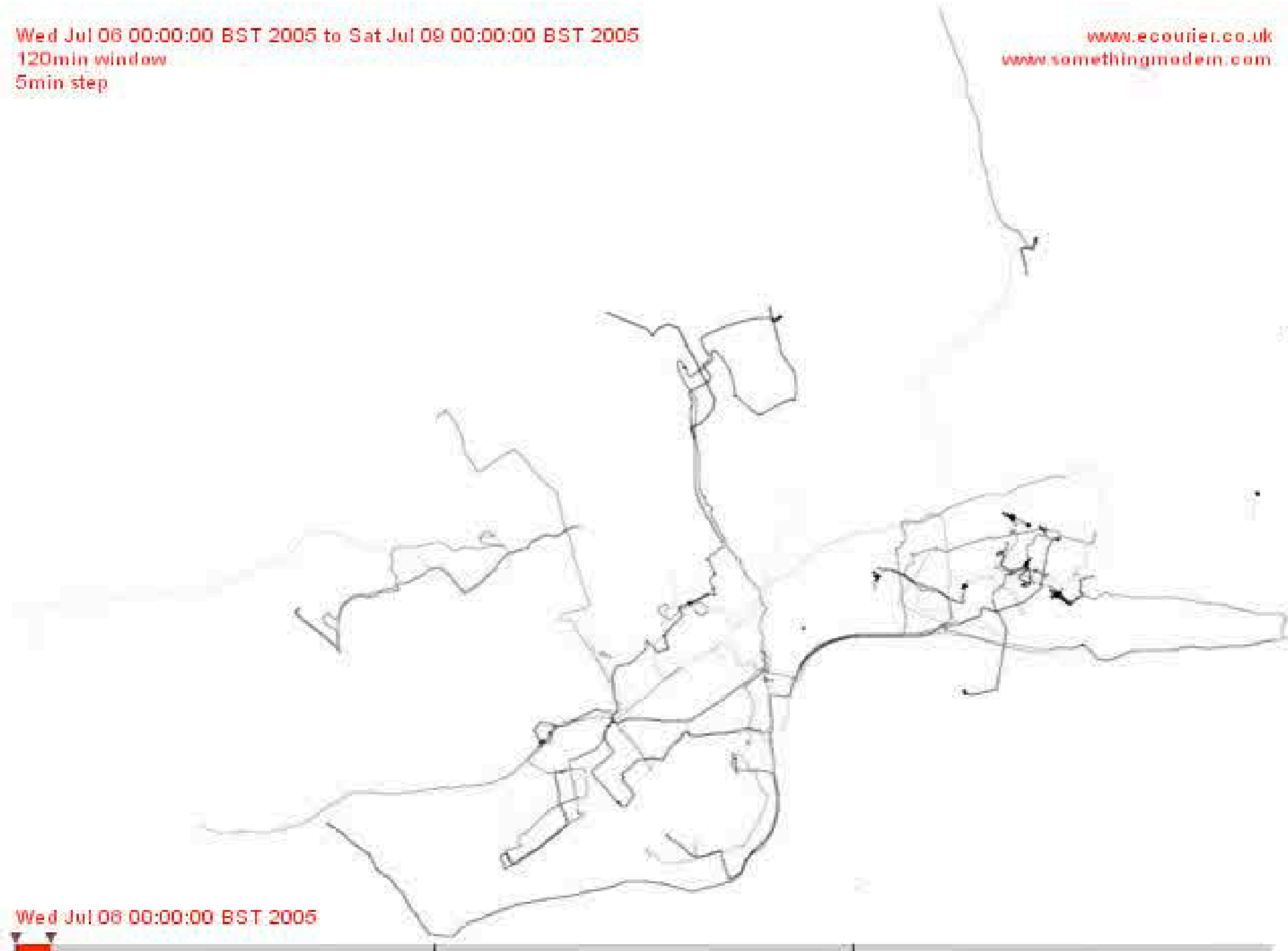


Why OSM?

- Data not Free/Open (artificial scarcity)
- Data not current
- Even if it was then a wiki is the next step

Wed Jul 06 00:00:00 BST 2005 to Sat Jul 09 00:00:00 BST 2005
120min window
5min step

www.ecourier.co.uk
www.somethingmodern.com



Wed Jul 06 00:00:00 BST 2005



Using OSM

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tags

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[wandsworth](#)
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| | | Public? | Delete? |
|--|---|-------------------------------------|--------------------------|
| | mc-steve-12.gpx ... (2,099 points) ... on 14-May more / map <i>ava taking two trams in manchester</i> by SteveC in: mapchester manchester uk | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | mc-steve-11.gpx ... (2,783 points) ... on 14-May more / map <i>conor & anne walking mapchester sunday</i> by SteveC in: mapchester manchester uk | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | mc-steve-10.gpx ... (2,307 points) ... on 14-May more / map <i>chris & ben sunday mapschester</i> by SteveC in: mapchester manchester uk | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | mc-steve-9.gpx ... (3,435 points) ... on 14-May more / map <i>mapchester chris and lesley sunday afternoon</i> by SteveC in: mapchester manchester uk | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | mc-steve-8.gpx ... (3,196 points) ... on 14-May more / map <i>drew & karen saturday eve sunday morn</i> by SteveC in: mapchester manchester uk | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | mc-steve-7.gpx ... (5,175 points) ... on 14-May more / map <i>chris sunday morning</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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Editing the trace mc-steve-4.gpx



filename: mc-steve-4.gpx

uploaded: 2006-05-13 16:24:51

description: tags:

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Some Quotes

Quote 1

“It’s absolutely possible for a bunch of smart guys with the technology we have today to capture street networks, and potentially the major roads of the UK and minor roads”

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Ed Parsons - CTO Ordnance Survey

Quote 2

“If you don’t make [lower-resolution mapping data] publicly available, there will be people with their cars and GPS devices, driving around with their laptops .. They will be cataloguing every lane, and enjoying it, driving 4×4s behind your farm at the dead of night. There will, if necessary, be a grass-roots remapping.”

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Tim Berners-Lee

Quote 3

“You could have a community capability where you took the GPS data of people driving around and started to see, oh, there’s a new road that we don’t have, a new route .. And so that data eventually should just come from the community with the right software infrastructure.”

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Bill Gates

Using OSM Data

API, REST, XML, planet.osm

Diverses

Heranzoomen

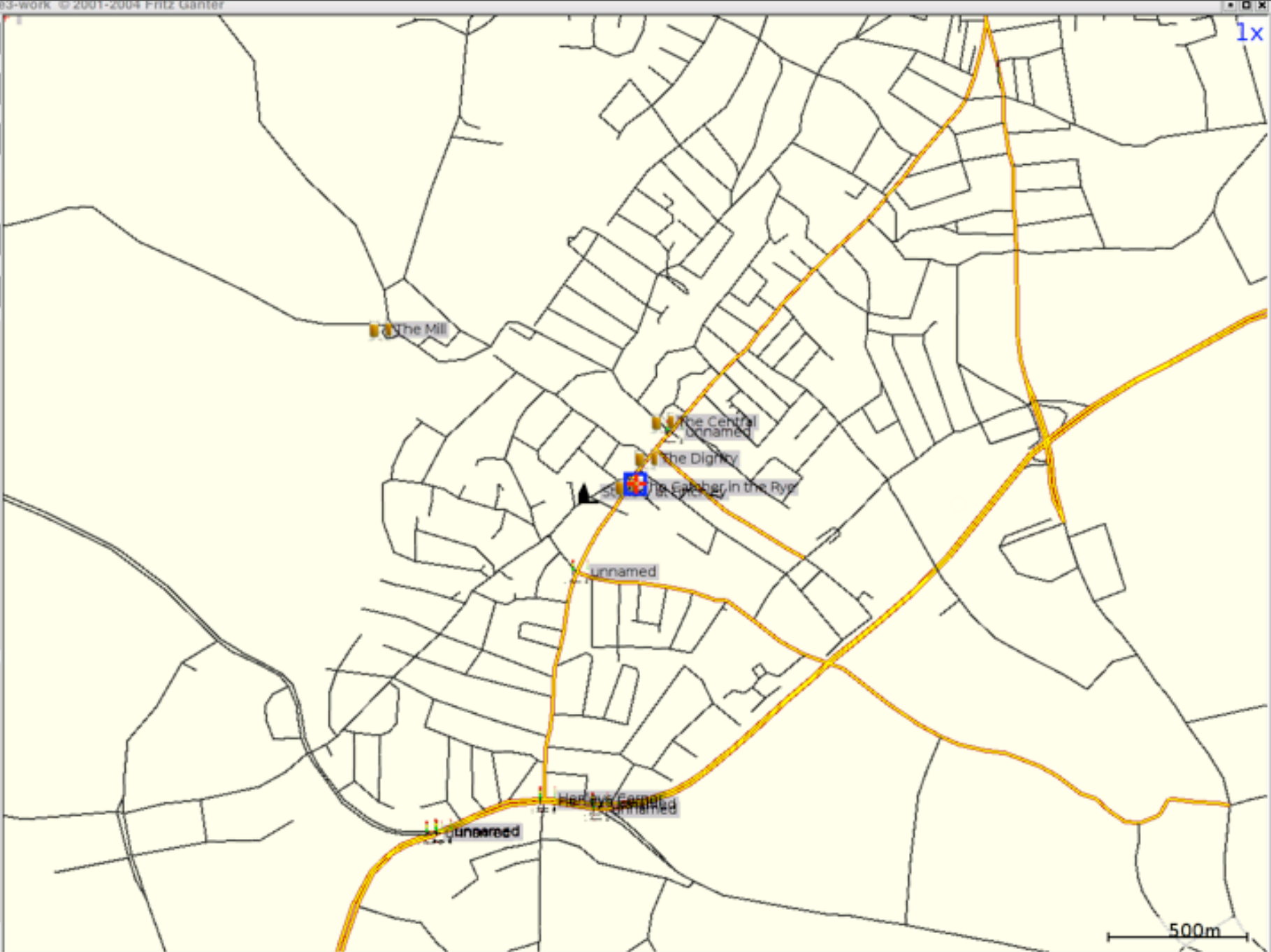
Wegzoomen

<< >>

Suchen

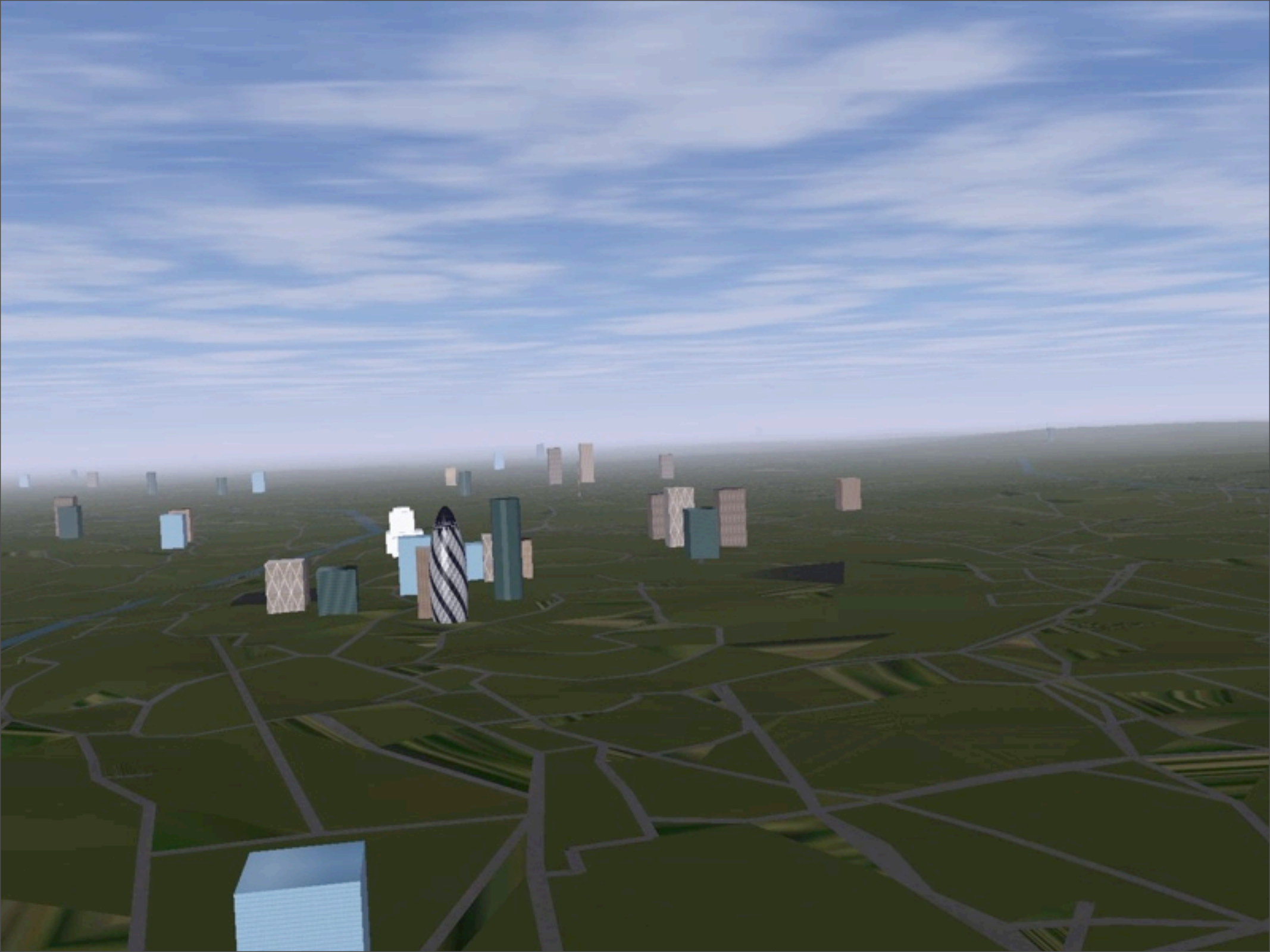
Einstellungen

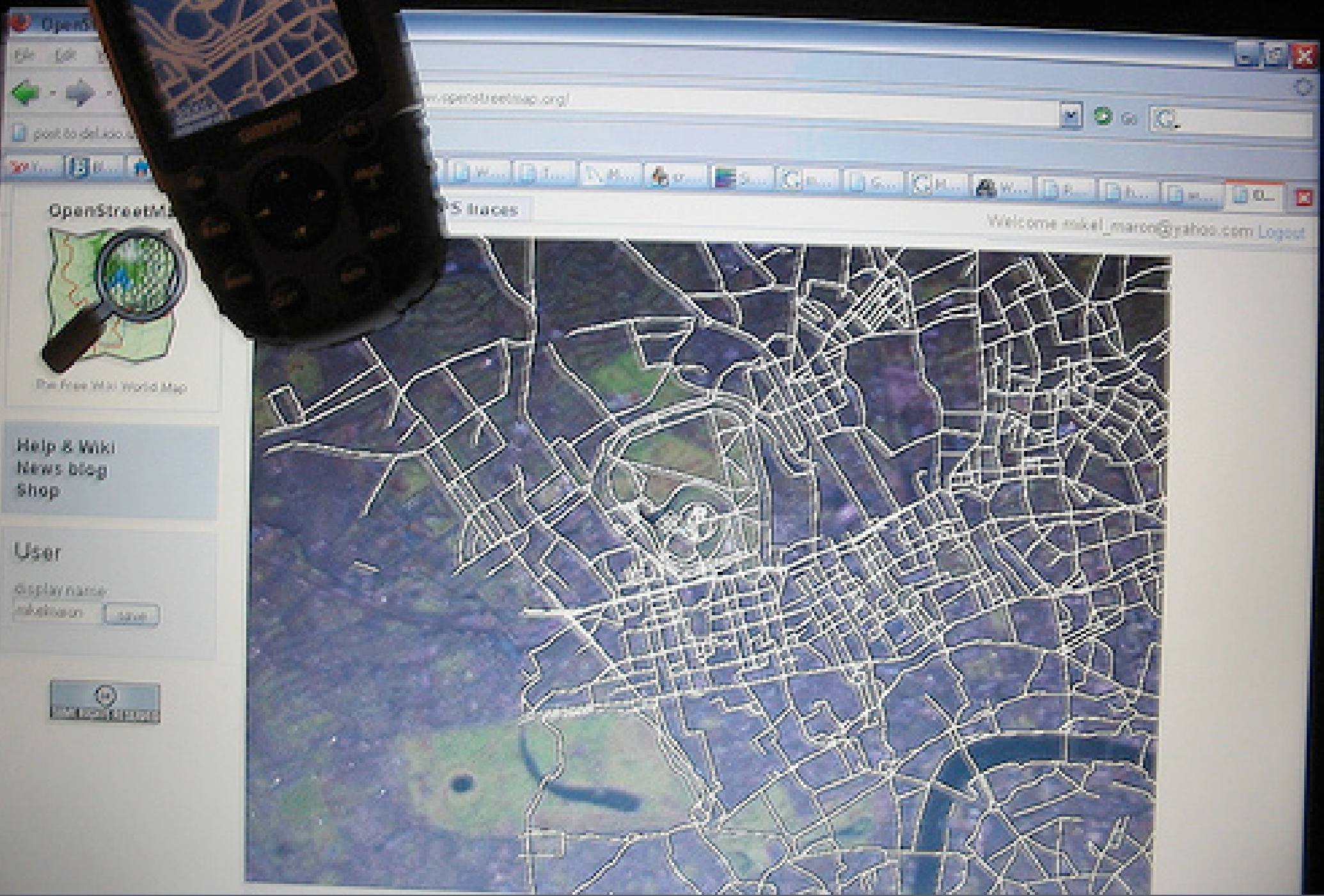
- ☒ draw POI
- ☒ draw Streets
- ☐ draw Track
- ☐ Verwende SQL
- ☒ Zeige WP
- ☒ Pos. Modus
- ☒ Zeige Spur
- ☐ Beste Karte
- ☐ Speichere Spur
- Zeige Kartenart
- ☐ eniro
- ☐ expedia
- ☐ incrementp
- ☐ no_dir
- ☐ landsat
- ☐ googlesat



| | | | | | | | | | |
|--|---|---|---|--|--|--|---|--|--|
| <div><div>Richtung</div><div></div></div> | <div><div>GPS Info</div><div></div></div> | <div><div>TC</div><div></div></div> | <div><div>Bat.</div><div></div></div> | <div><div>Entfernung zum Ziel</div><div>1m</div></div> | <div><div>Geschwindigkeit [km/h]</div><div>0.0</div></div> | <div><div>Höhe</div><div>n/a</div></div> | <div><div>Wegpunkte</div><div><div>n/a</div><div>n/a</div><div>n/a</div></div><div><div>n/a</div><div>n/a</div></div></div> | | |
| <div><div>Richtung</div><div>32°</div></div> | <div><div>Kurs</div><div>0°</div></div> | <div><div>Breite</div><div>51.59604°N</div></div> | <div><div>Länge</div><div>0.26972°W</div></div> | <div><div>Zeit zum Ziel</div><div>99:99h</div></div> | <div><div>Maßstab</div><div>1:10000</div></div> | <div><div>Wahlm.</div><div>1:10000</div></div> | | | |

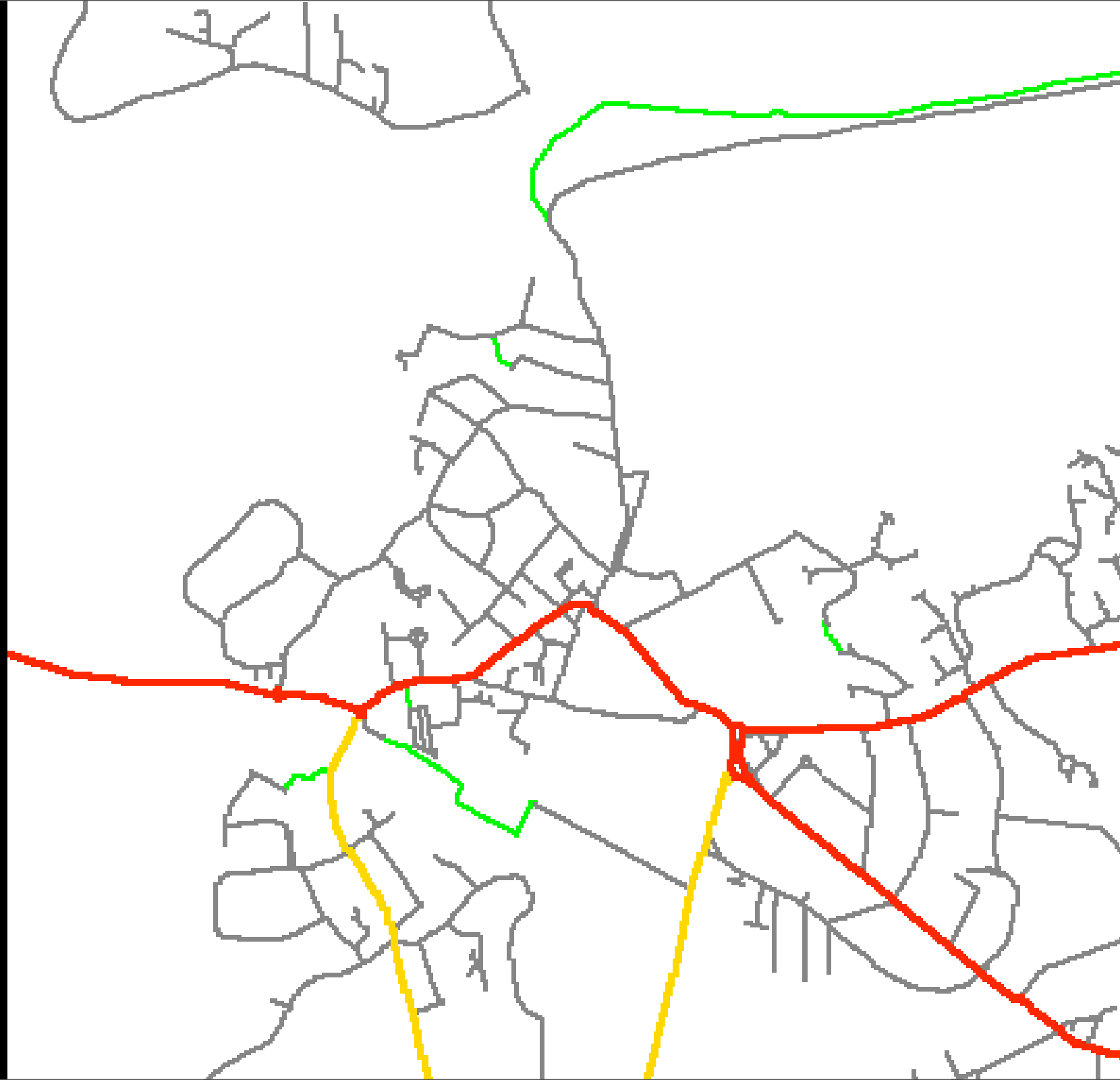
Press middle mouse button for navigation

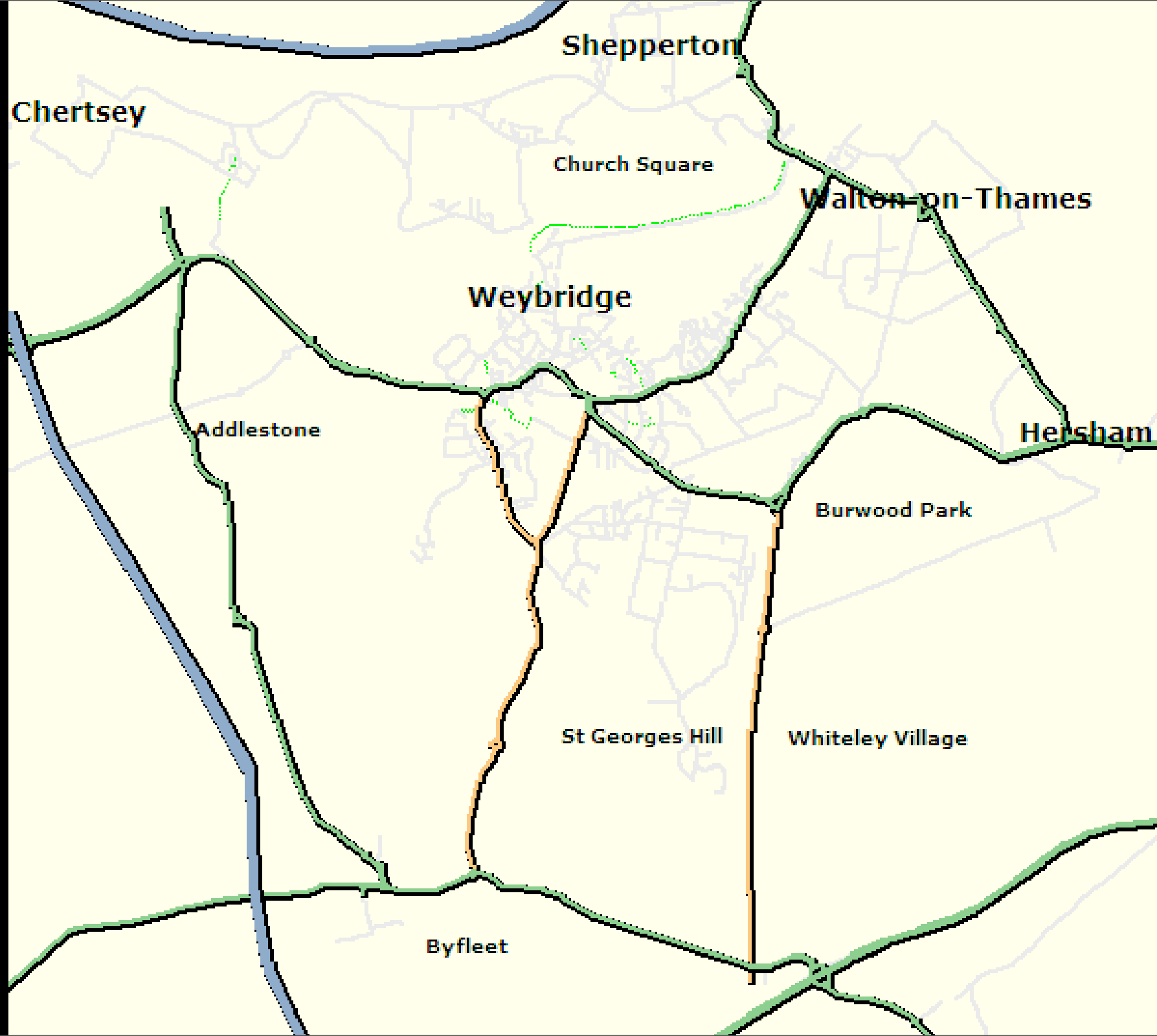


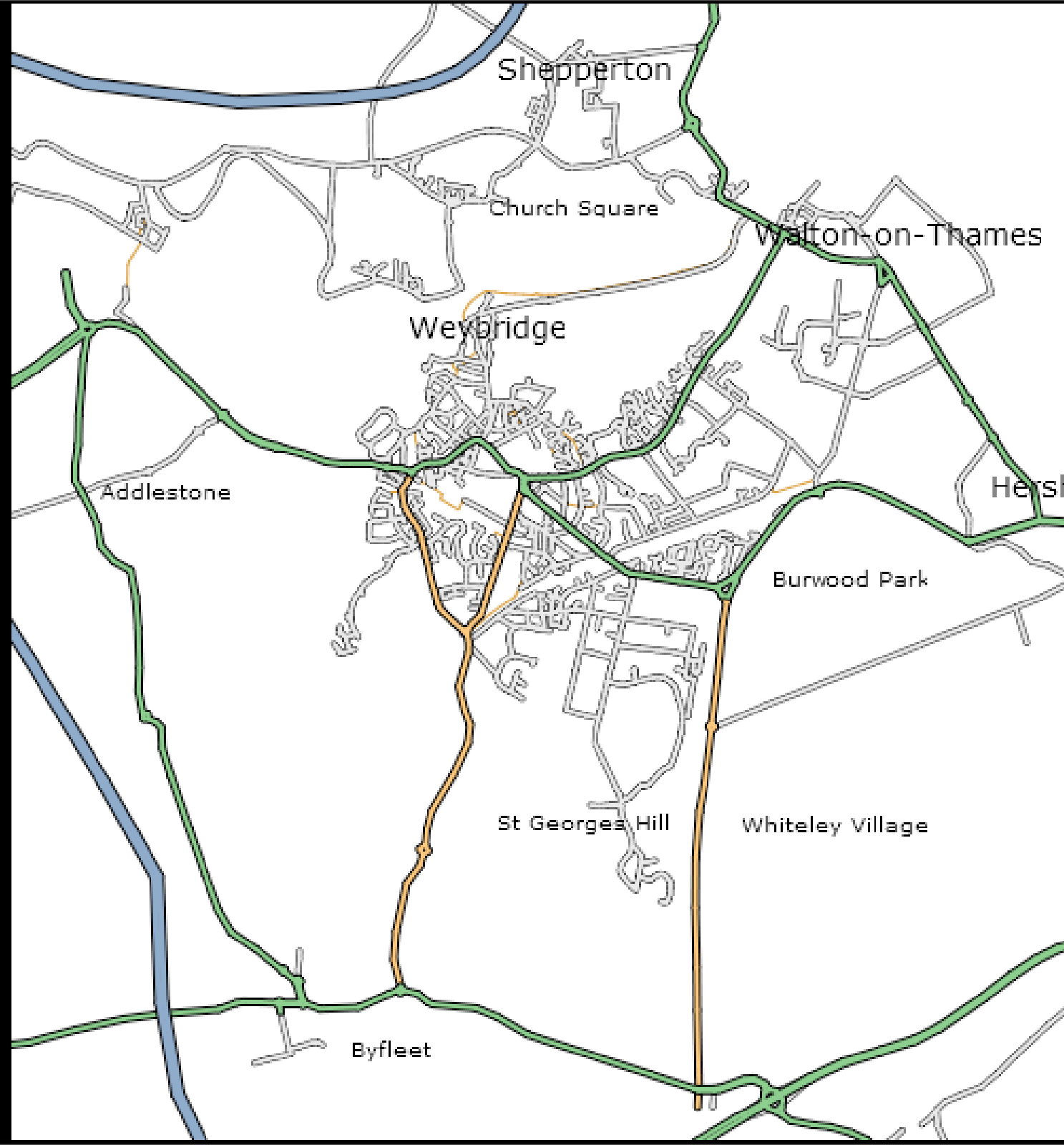


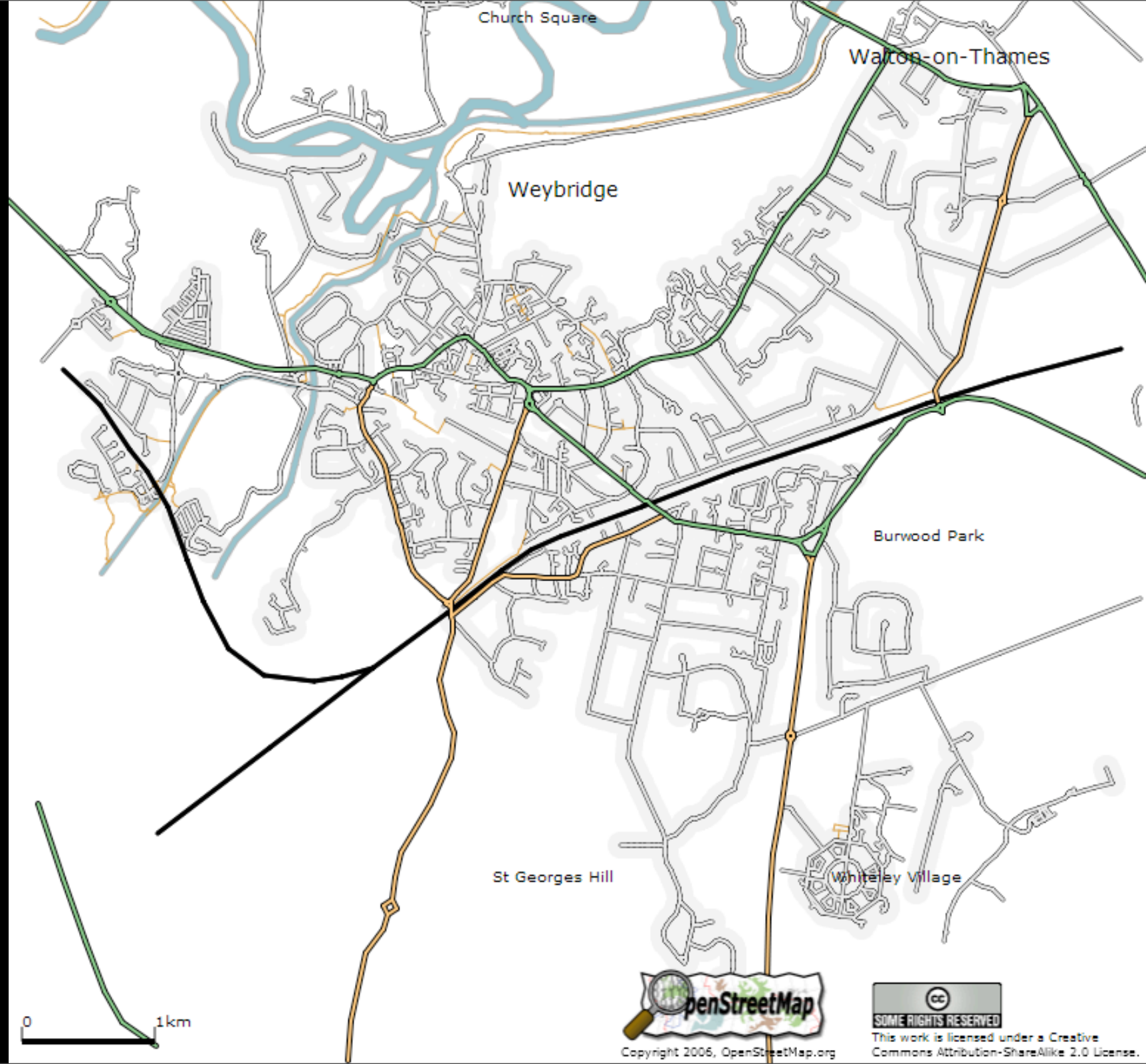
Pretty Maps











Church Square

Walton-on-Thames

Weybridge

Burwood Park

St Georges Hill

Whiteley Village

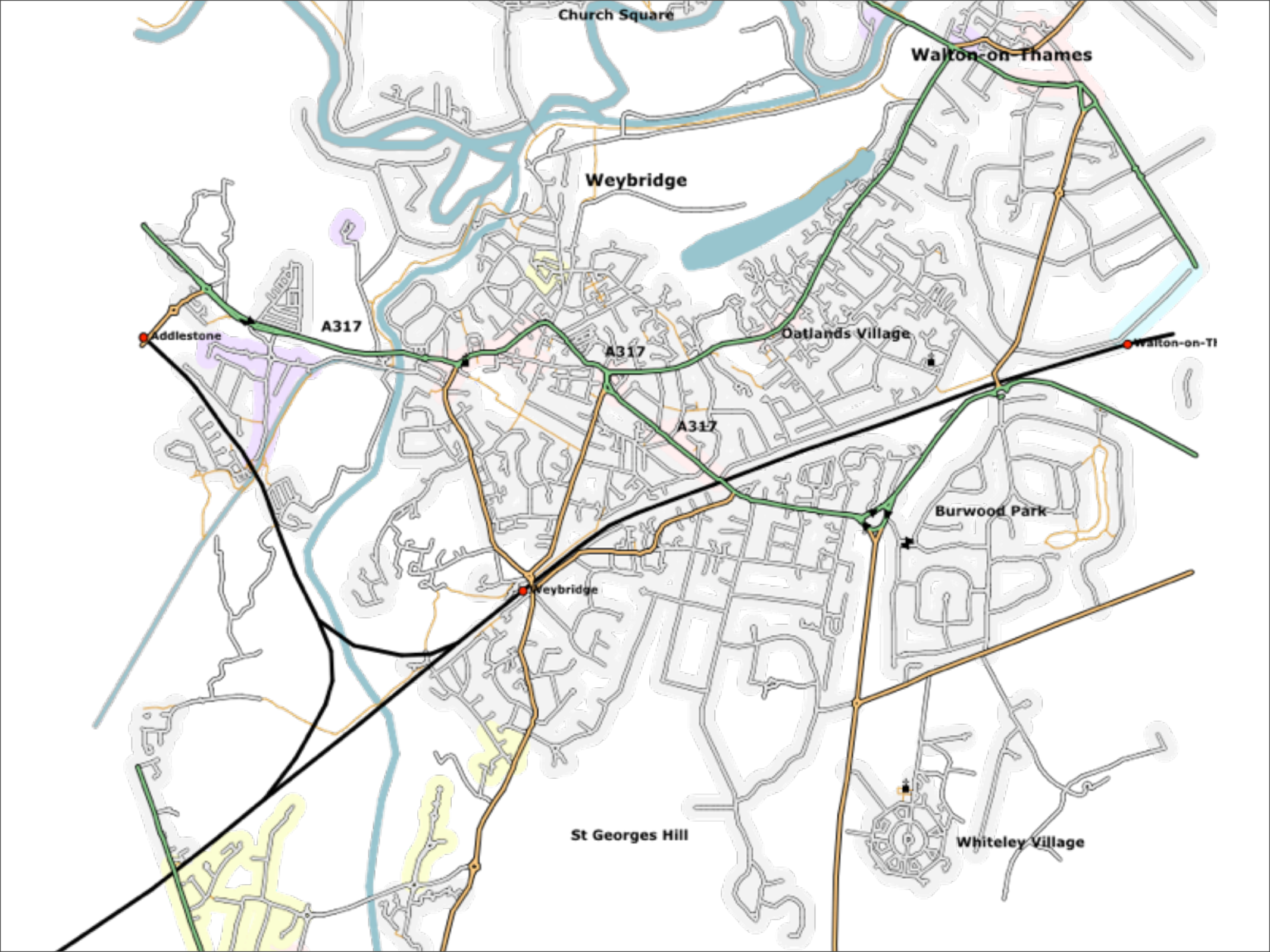
0 1km



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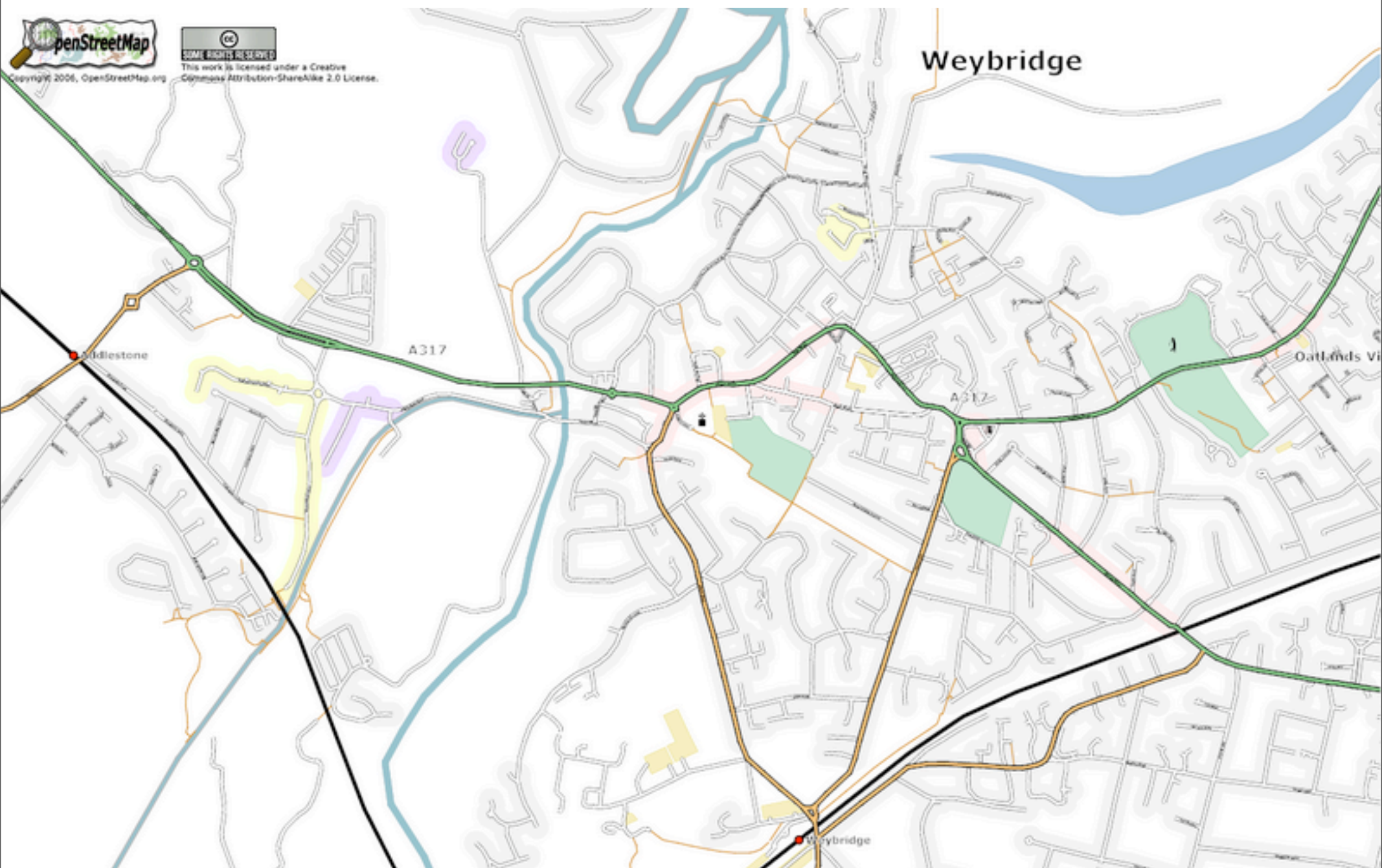




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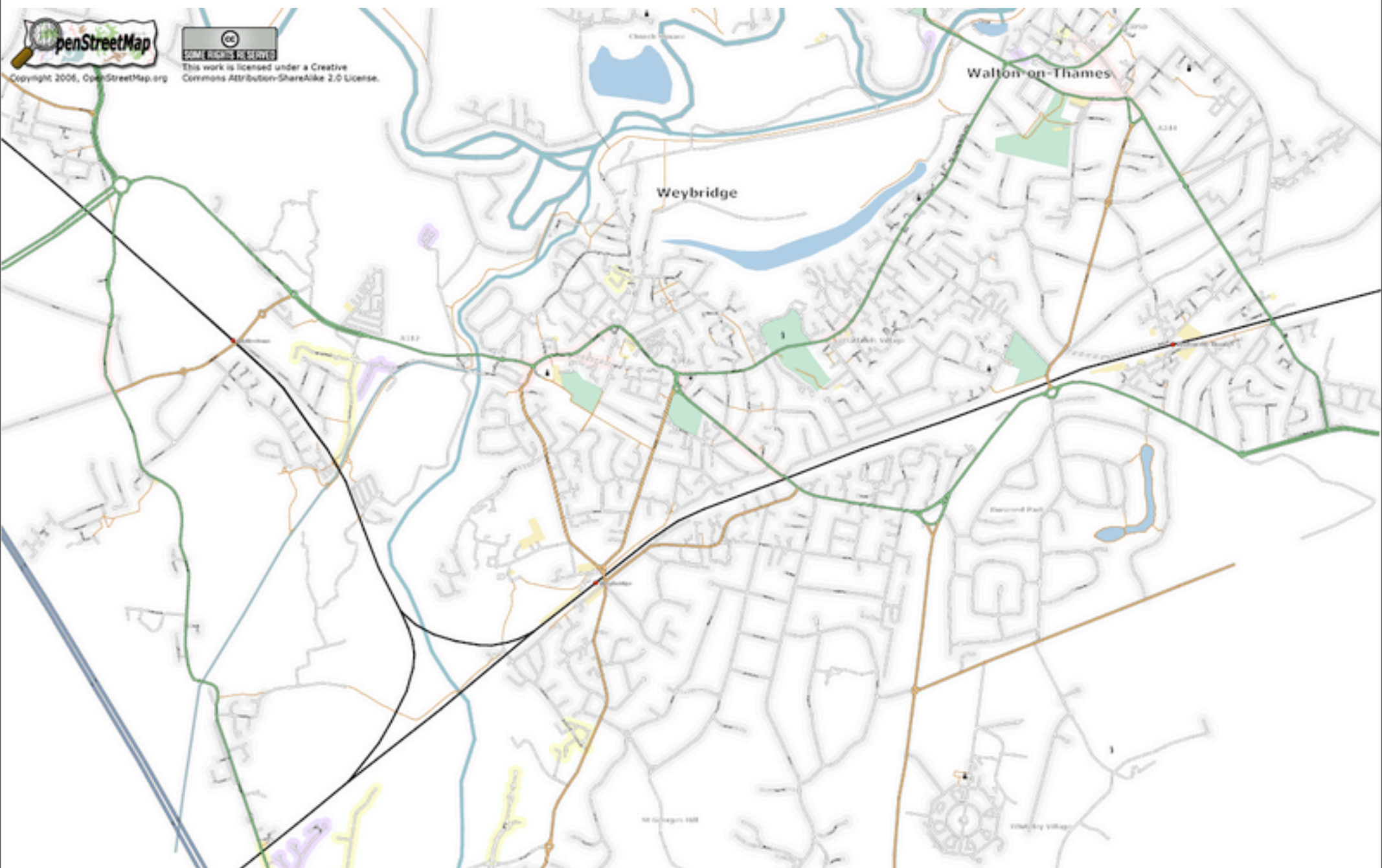


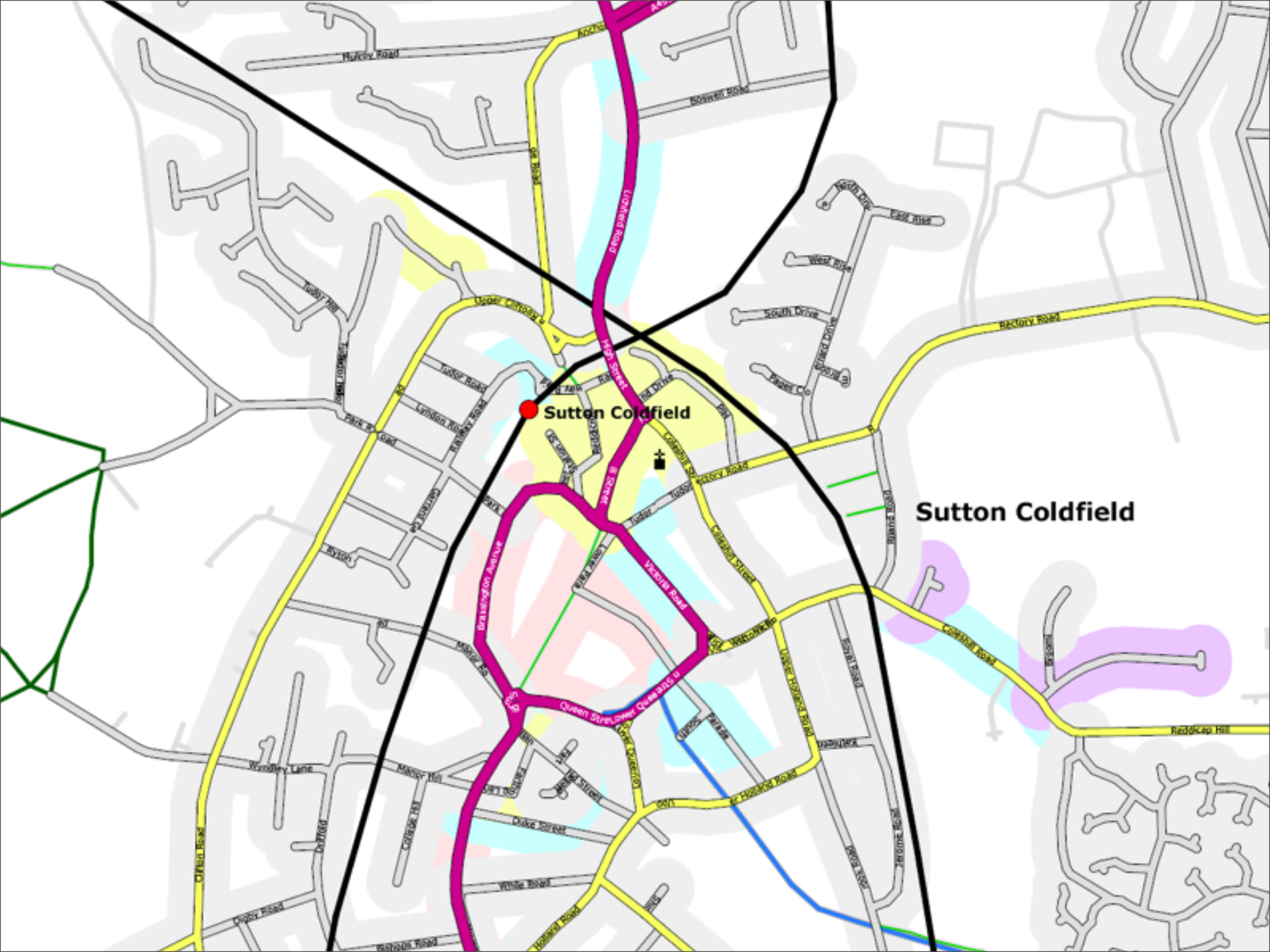


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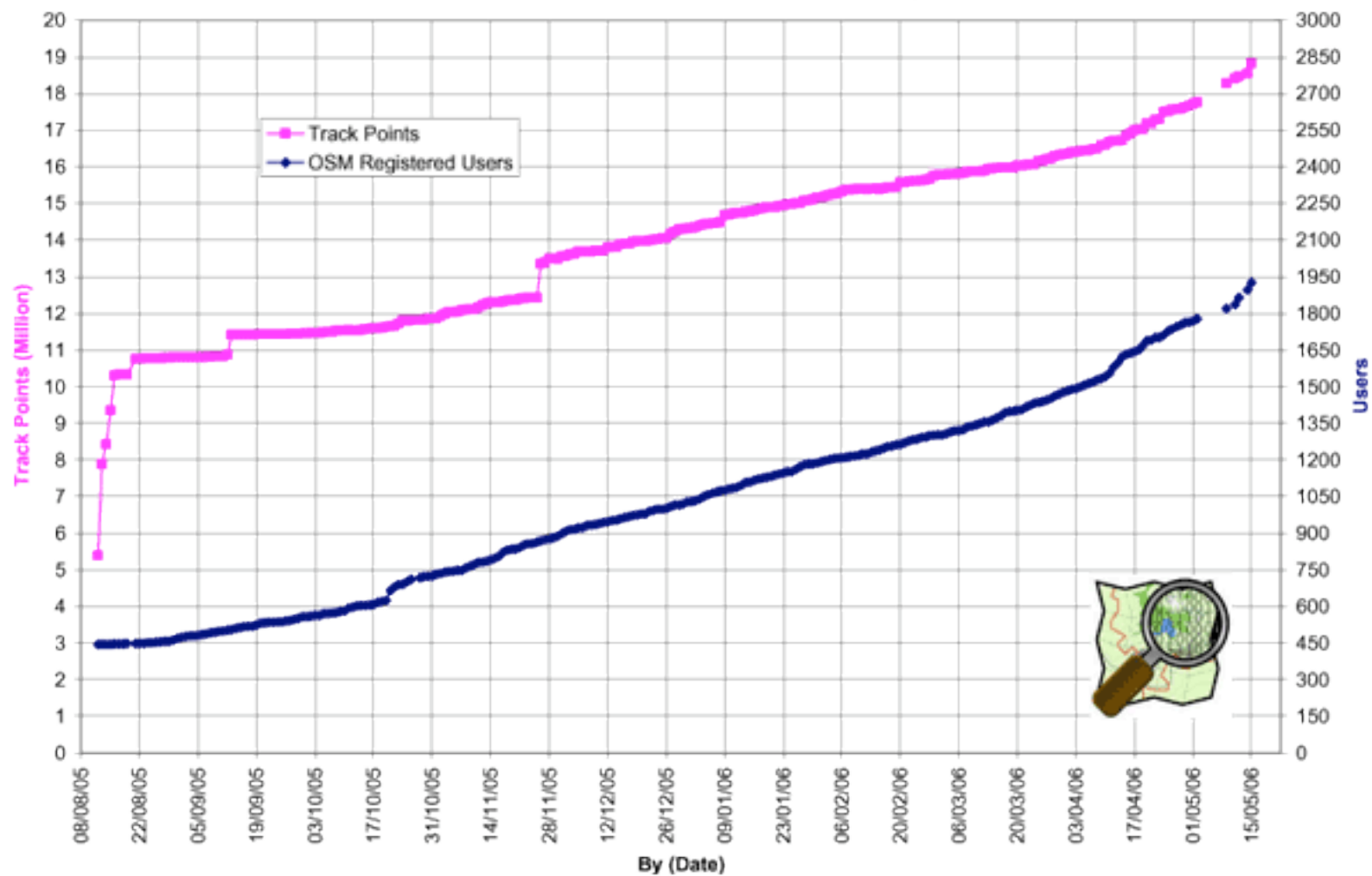
Sutton Coldfield

Sutton Coldfield

Progress

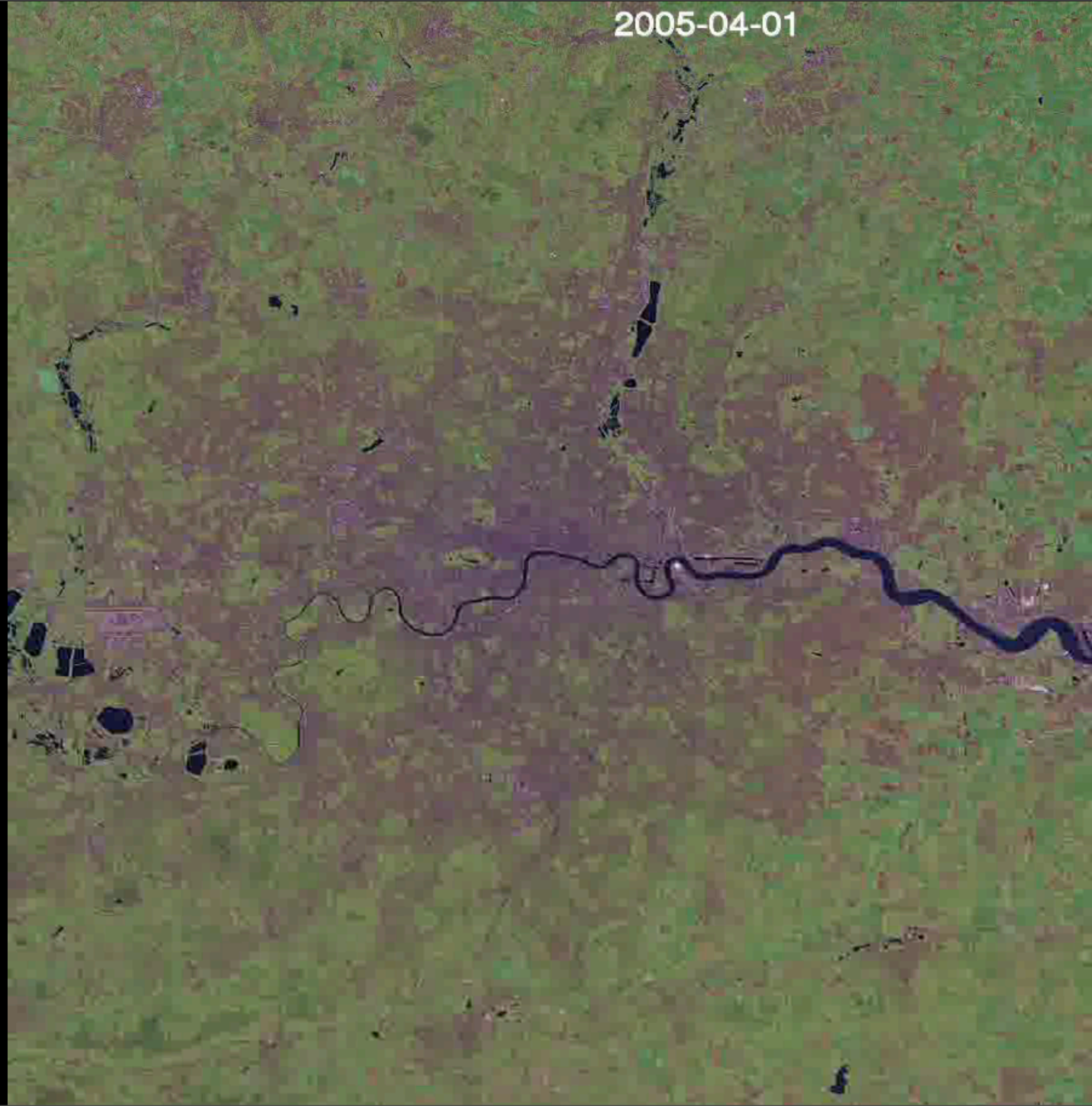
OpenStreetMap Database Statistics

Users and User gpx Uploads (track points)





2005-04-01



2005-04-01



TIGER/LINE

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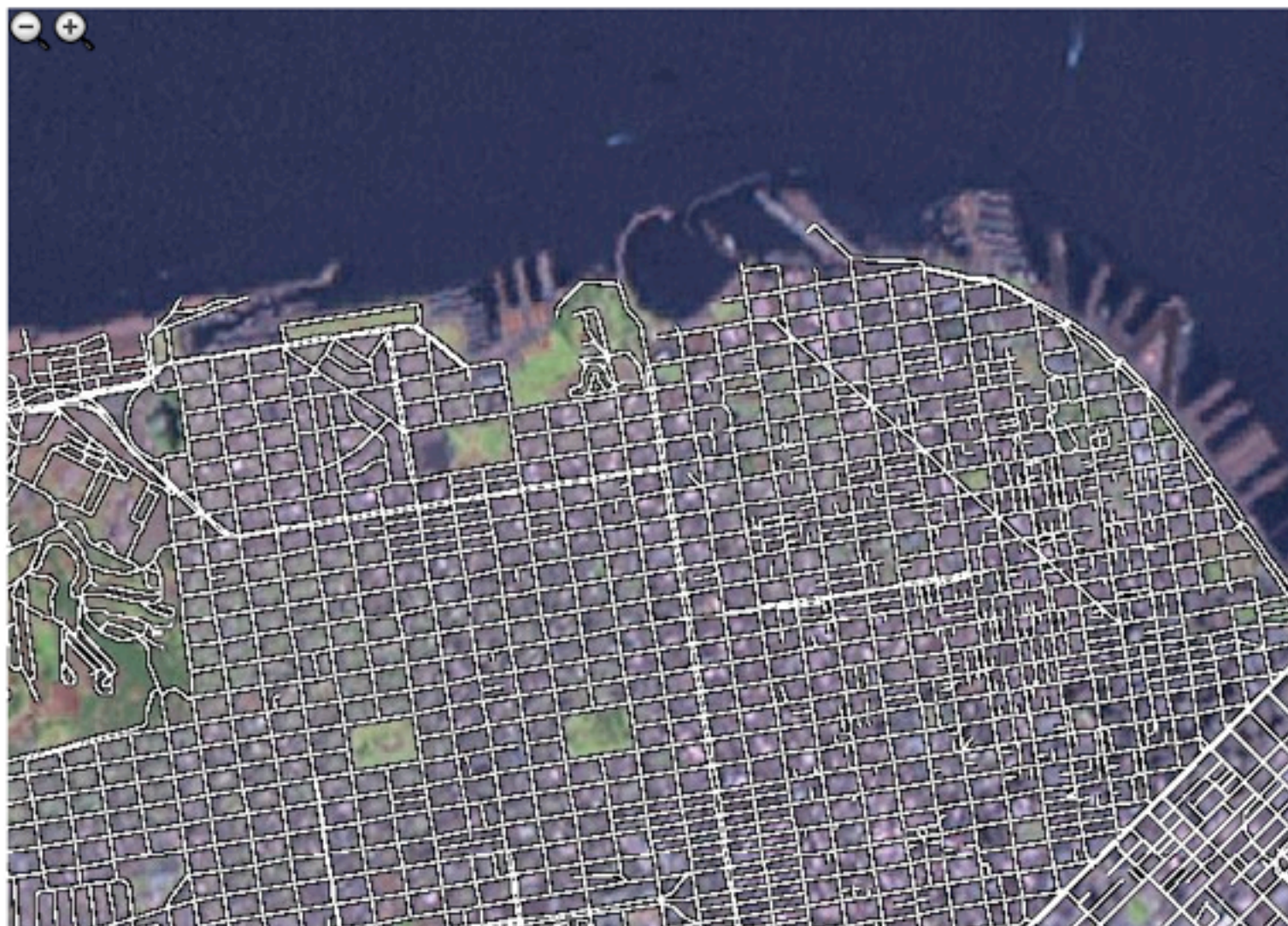


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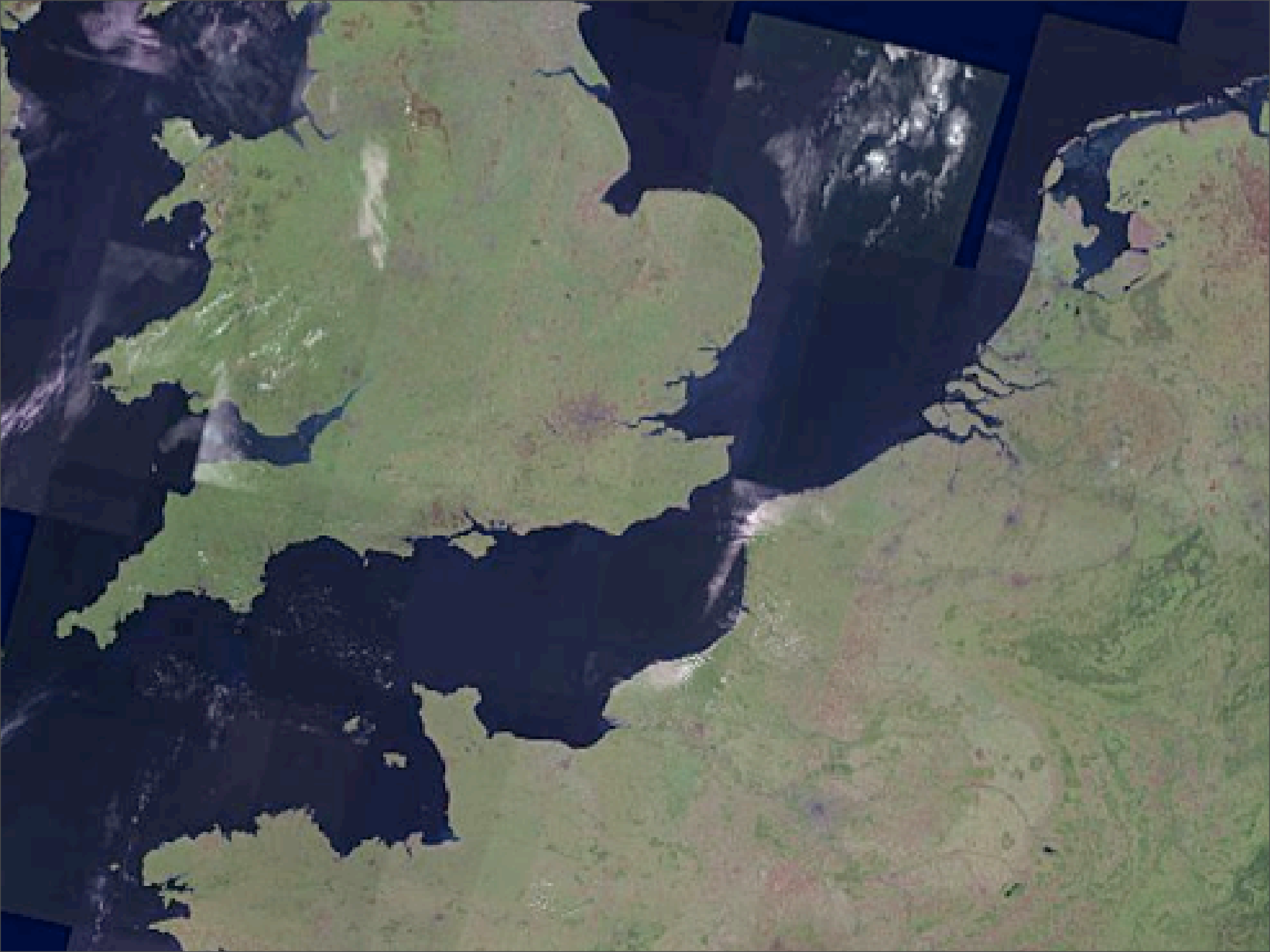
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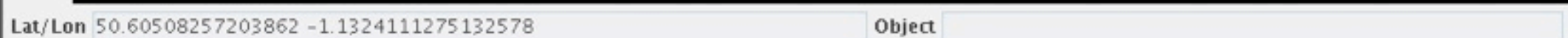
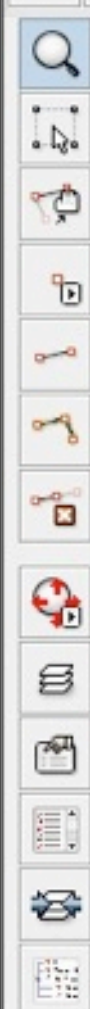
Workshops

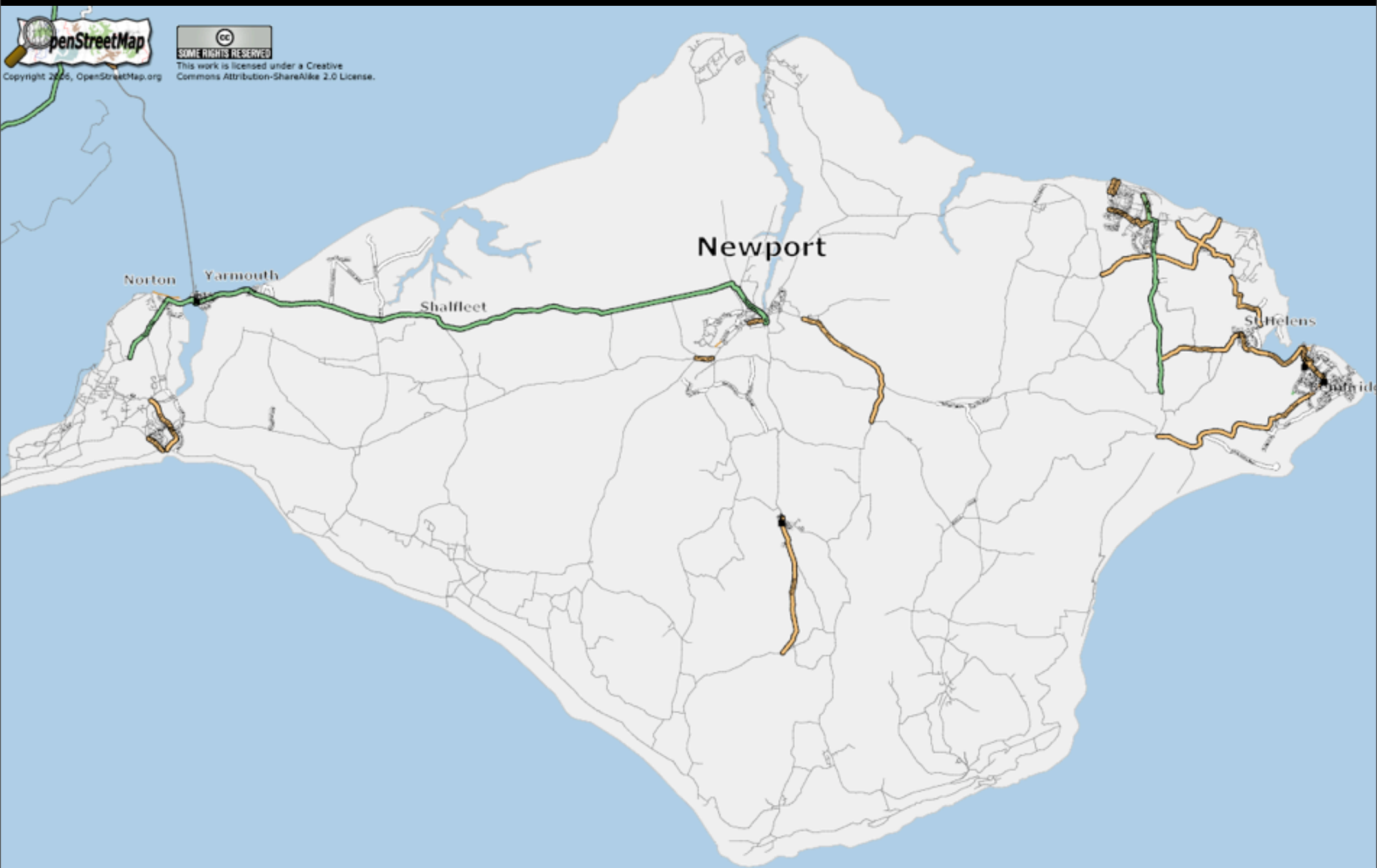
Or, Map as Party

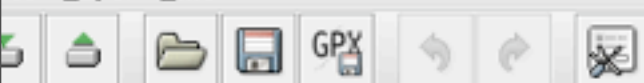












Layers

GPS

53.39029080120733 -2.335037894

GPS

53.44925884290957 -2.282277015

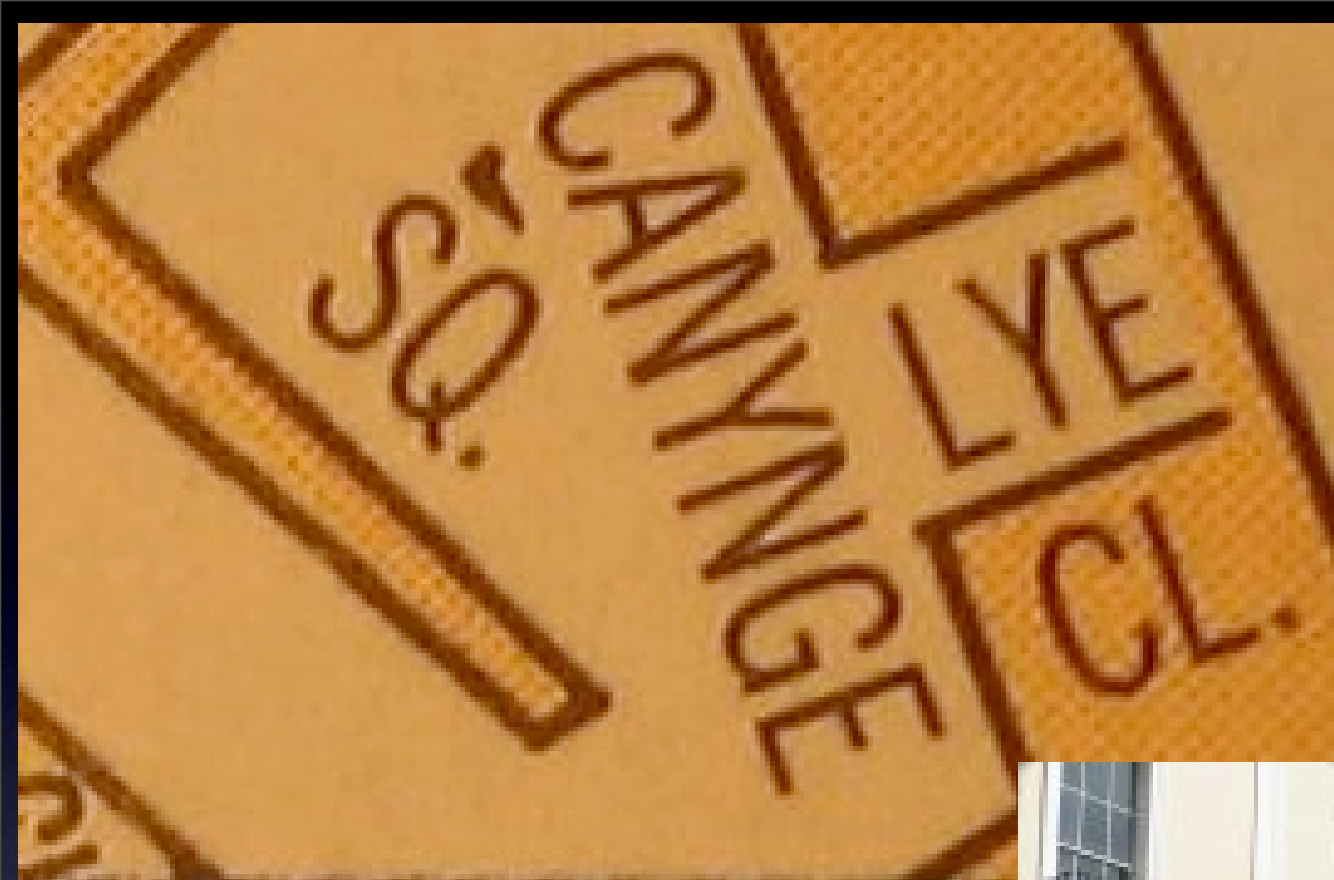


Data Layer





Fallout



A-Z

Norman Dennison, director of Geographers' A-Z Map Company, confirms that Lye Close is a lie, which will now be removed. "The idea is to put something on the map to protect copyright," he says. "We try to put it in an area or a part of a road which would not be misleading to the ordinary person in the street. They have been put in out-of-the-way places."

OS Quote

- Quote from Guardian article:
"We make an average of 5,000 changes to our large-scale data every day," said an OS spokesperson. "It's not about mapping the Isle of Wight once - it's about continuing to map it ... It is expensive to collect detailed, accurate information on the ever-changing world to the level of detail our customers require."

OSM Quote

- From an OSM spokesperson:
"This month we made an average of 6,567 (Note 1) changes to our large scale-data every work day" said an OSM spokesperson. "It's not about mapping the Isle of Wight once - it's about continuing to map it ... and using enthusiastic and passionate volunteer surveyors we are collecting more information every day with 1,864 registered volunteers than the Ordnance Survey manages to do with a paid full time workforce of 1,490."

Postcodes!?

57.20450 -2.148780 AB25 3SQ
57.178650 -2.148780 AB25 3SQ
57.179970 -2.104150 AB41 8JU
57.154300 -2.104150 AB41 8JU
57.390770 -1.965510 AB41 9JB
57.365080 -2.071200 AB41 9JB
57.390010 -2.596490 AB52 6UY
51.730907 -0.317316 AL1 1DS
51.733203 -0.346262 AL1 2QL
51.721616 -0.293305 AL2 1GR
51.710522 -0.331070 AL2 2LA
51.714127 -0.333903 AL2 2LE
51.724834 -0.340726 AL2 2PA
51.746314 -0.258973 AL4 0SE
51.770150 -0.296870 AL4 9AH
51.770430 -0.321020 AL4 9NH
51.815879 -0.337272 AL5 5RU
51.821930 -0.214148 AL6 9HT
52.434691 -1.901901 B14 7TG
52.551040 -1.817927 B72 1JU
52.404420 -1.827760 B90 2AA
52.300354 -1.969556 B97 4NF
51.378340 -2.367850 BA2 3BH
53.847590 -1.767370 BD17 5QA
52.2699 -2.123162 BH20 4PF
52.31780 BH20 6EP
52.421 1HJ

Thanks for listening

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<http://www.asklater.com/steve/>