



# OpenStreetMap



Steve Coast  
[steve@asklater.com](mailto:steve@asklater.com)

# Why OSM?

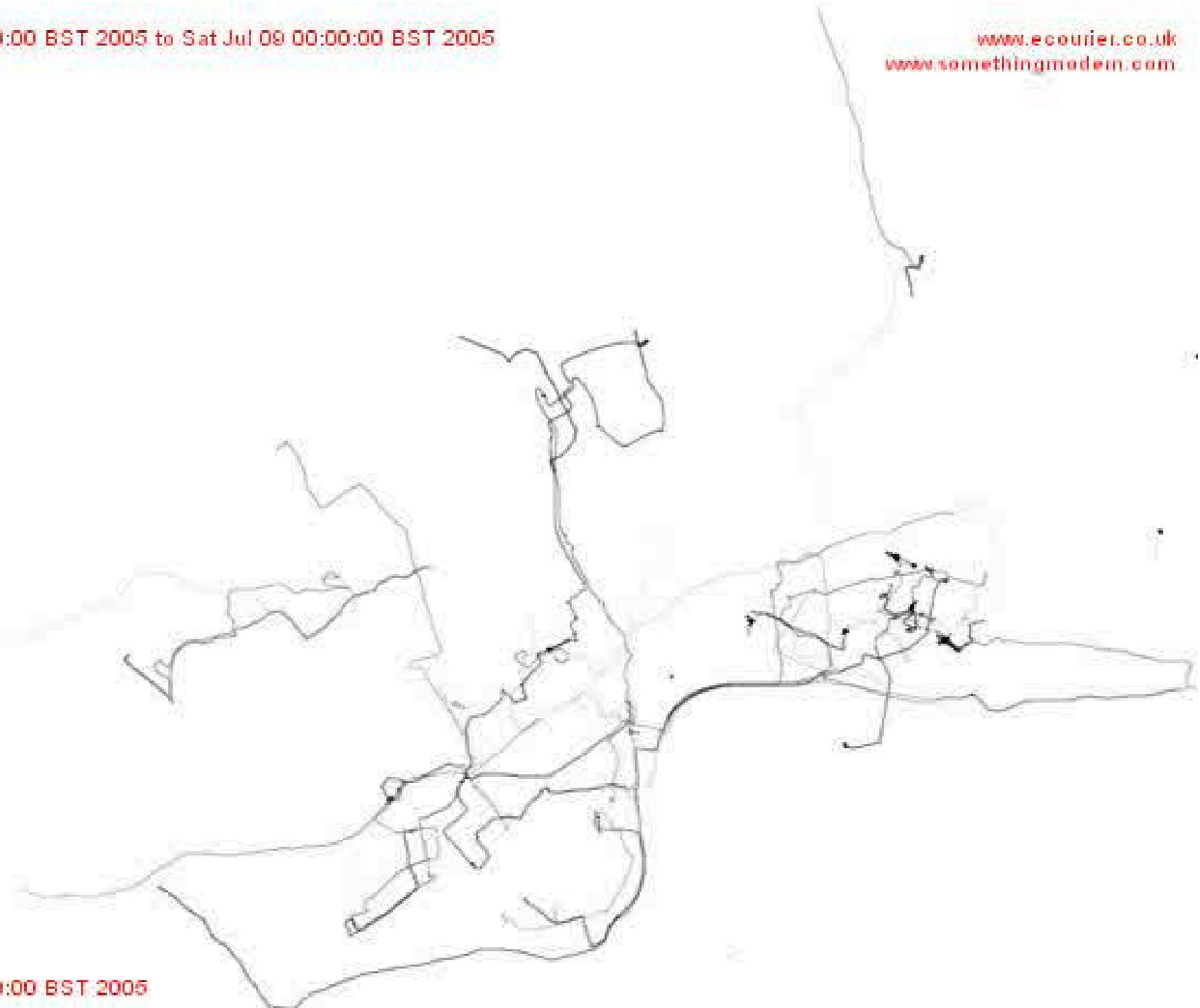
- Data not Free/Open (artificial scarcity)
- Data not current
- Even if it was then a wiki is the next step

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](http://www.ecourier.co.uk)  
[www.somethingmodern.com](http://www.somethingmodern.com)



Wed Jul 06 00:00:00 BST 2005





Using OSM

### OpenStreetMap



The Free Wiki World Map

Help & Wiki  
News blog  
Shop

### User

display name:

SteveC

### OpenStreetMap



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### User

display name:

SteveC



## OpenStreetMap



The Free Wiki World Map

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## tags

[mapchester](#)  
[manchester](#)  
[uk](#)  
[loW](#)  
[isleofwight](#)  
[isle\\_of\\_wight](#)  
[workshop1](#)  
[Isleofwight](#)  
[lewisham](#)  
[wandsworth](#)  
[bloomsbury](#)  
[london](#)  
[M25](#)  
[M1](#)  
[M40](#)  
[horsham](#)  
[guildford](#)  
[A248](#)  
[A25](#)  
[A2003](#)  
[A281](#)  
[test](#)  
[littlehaven](#)

[View](#) [Edit](#) [GPS traces](#)

# Your GPS Traces

[see traces from all users](#)

upload GPX file:  no file selected

description:

tags:

public?

| [help](#)

Showing page 0 (1 - 20 of 33) | [next page](#)

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

OpenStreetMap



The Free Wiki World Map

# Your GPS Traces

[see traces from all users](#)

## Editing the trace mc-steve-4.gpx

Help & Wiki  
News blog  
Shop

### User

display name:



filename: mc-steve-4.gpx  
uploaded: 2006-05-13 16:24:51  
description:   
tags:

### OpenStreetMap



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News blog  
Shop

### User

display name:

SteveC

save

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Need help editing?

# 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”

# 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”

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.”

# Quote 2

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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.”

# Quote 3

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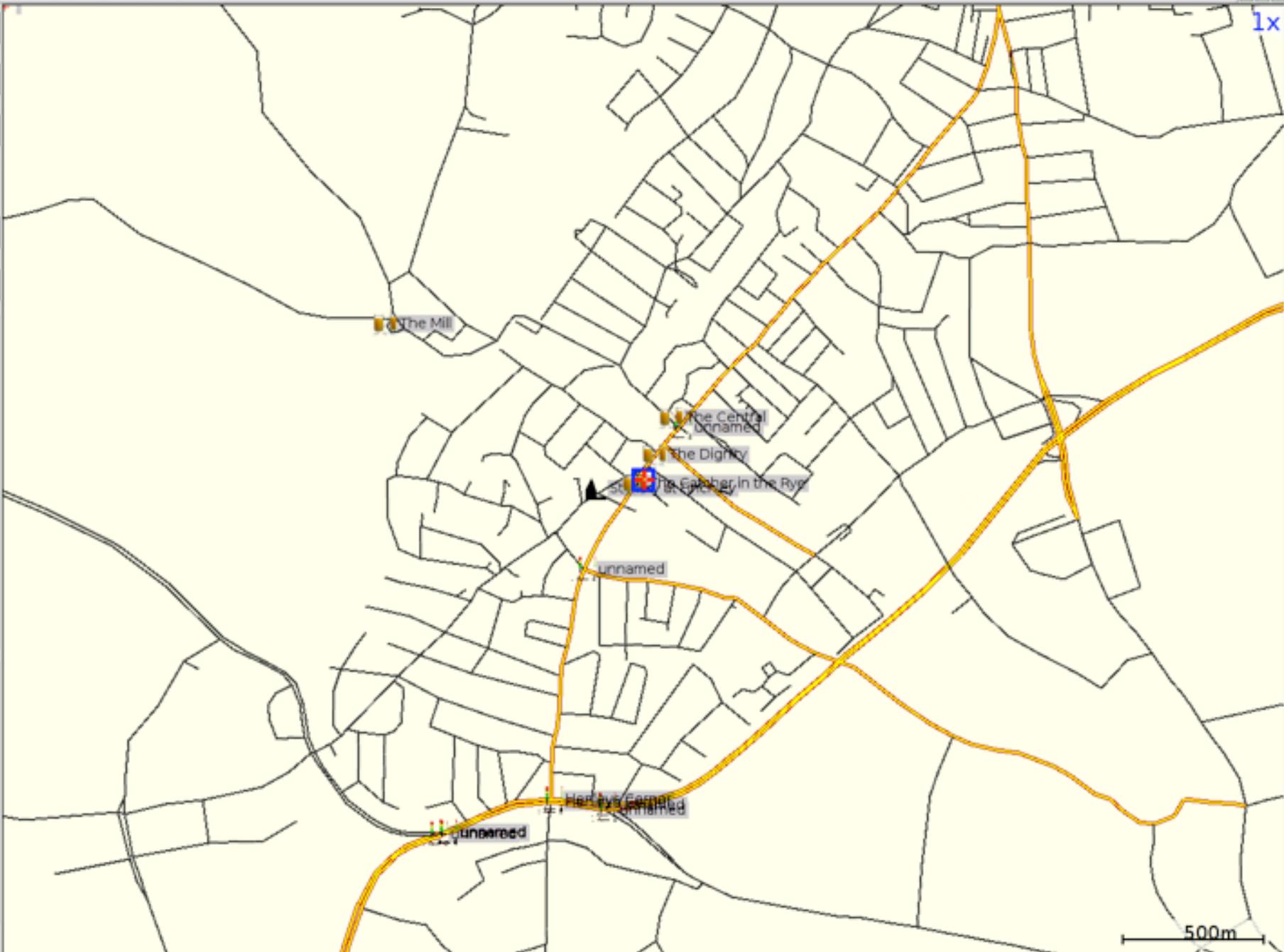
Bill Gates

# Using OSM Data

API, REST, XML, planet.osm

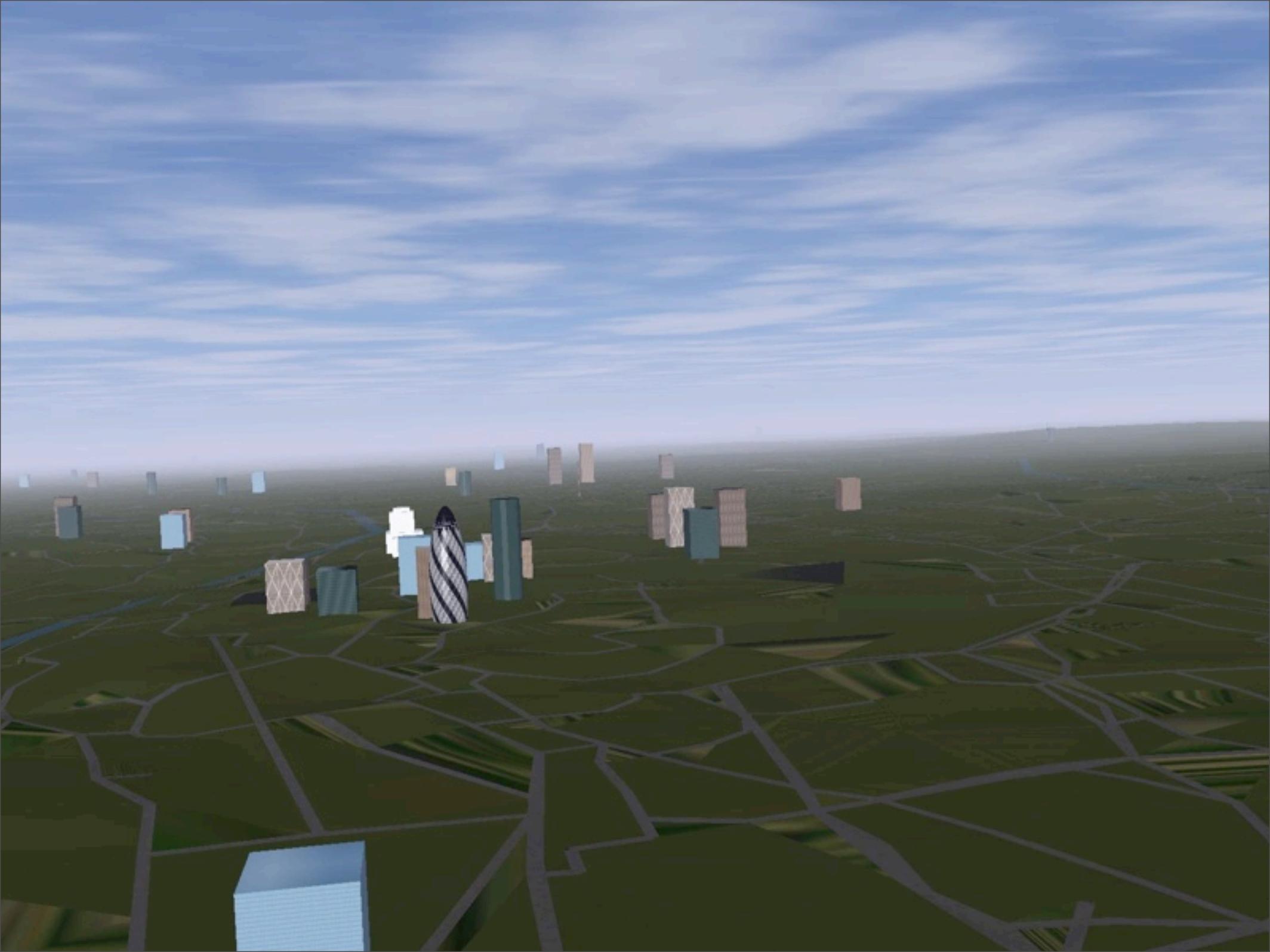
- Diverses
- Heranzoomen
- Wegzoomen
- << | >>
- Suchen
- Einstellungen

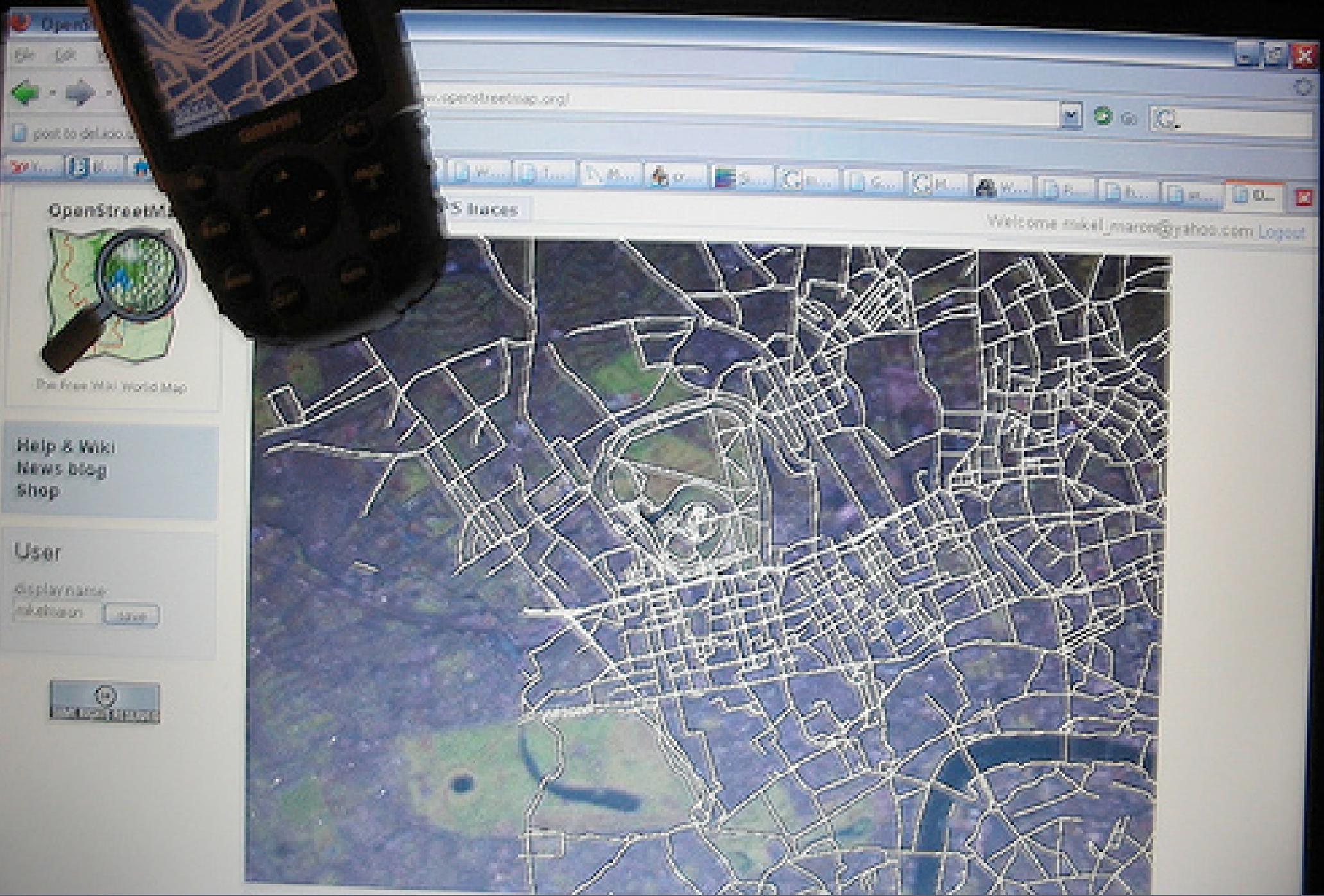
- draw POI
- draw Streets
- draw Track
- Verwende SQL
- Zeige WP
- Pos. Modus
- Zeige Spur
- Beste Karte
- Speichere Spur
- Zeige Kartenart
- eniro
- expedia
- incrementp
- no\_dir
- landsat
- googlesat



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

Press middle mouse button for navigation





OpenS...

Back Forward

Home Stop

post 60 del 100...

W... B... A...

www.openstreetmap.org/

Go

OS traces

Welcome nikel\_maron@yahoo.com Logout

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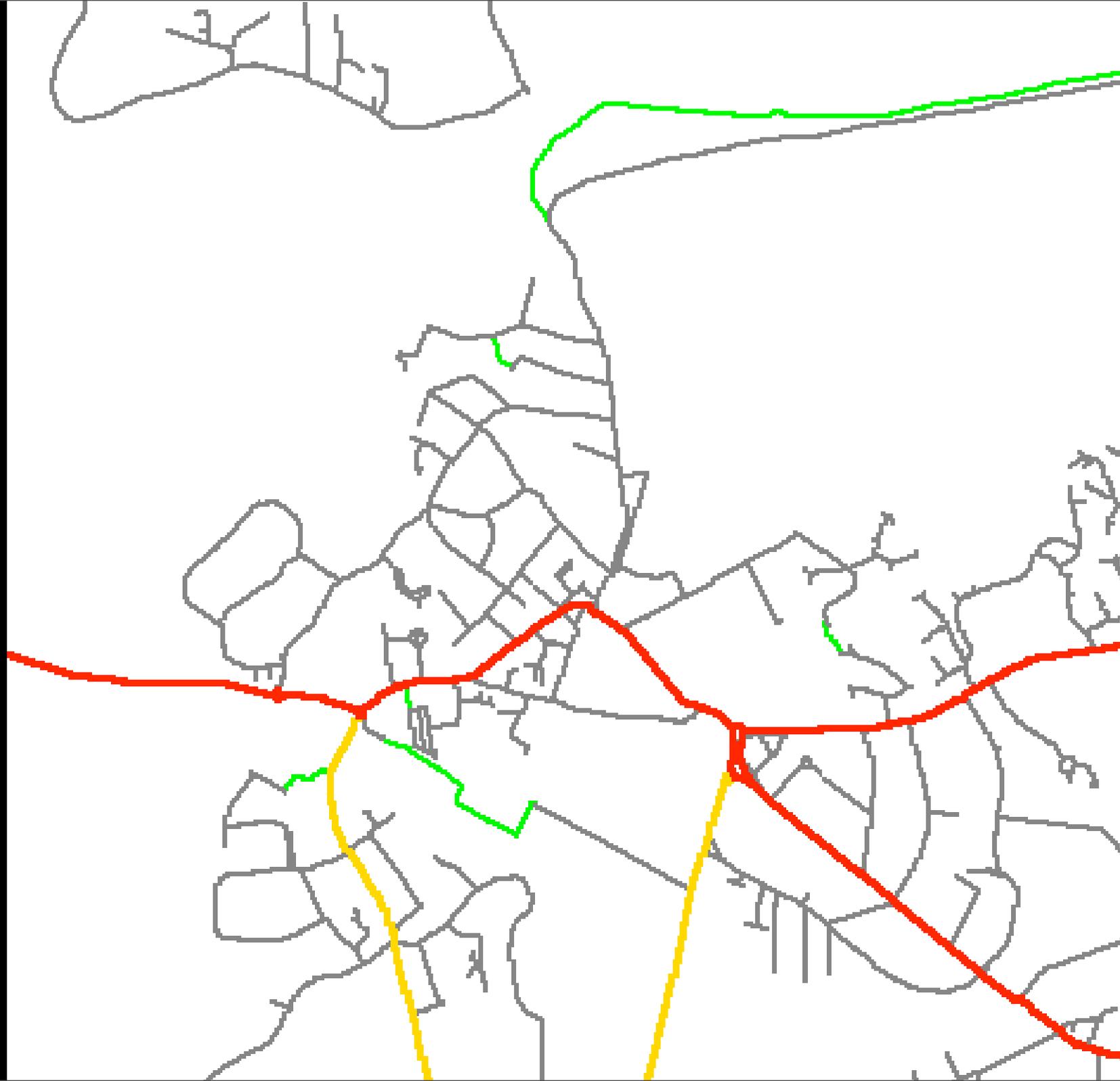
User

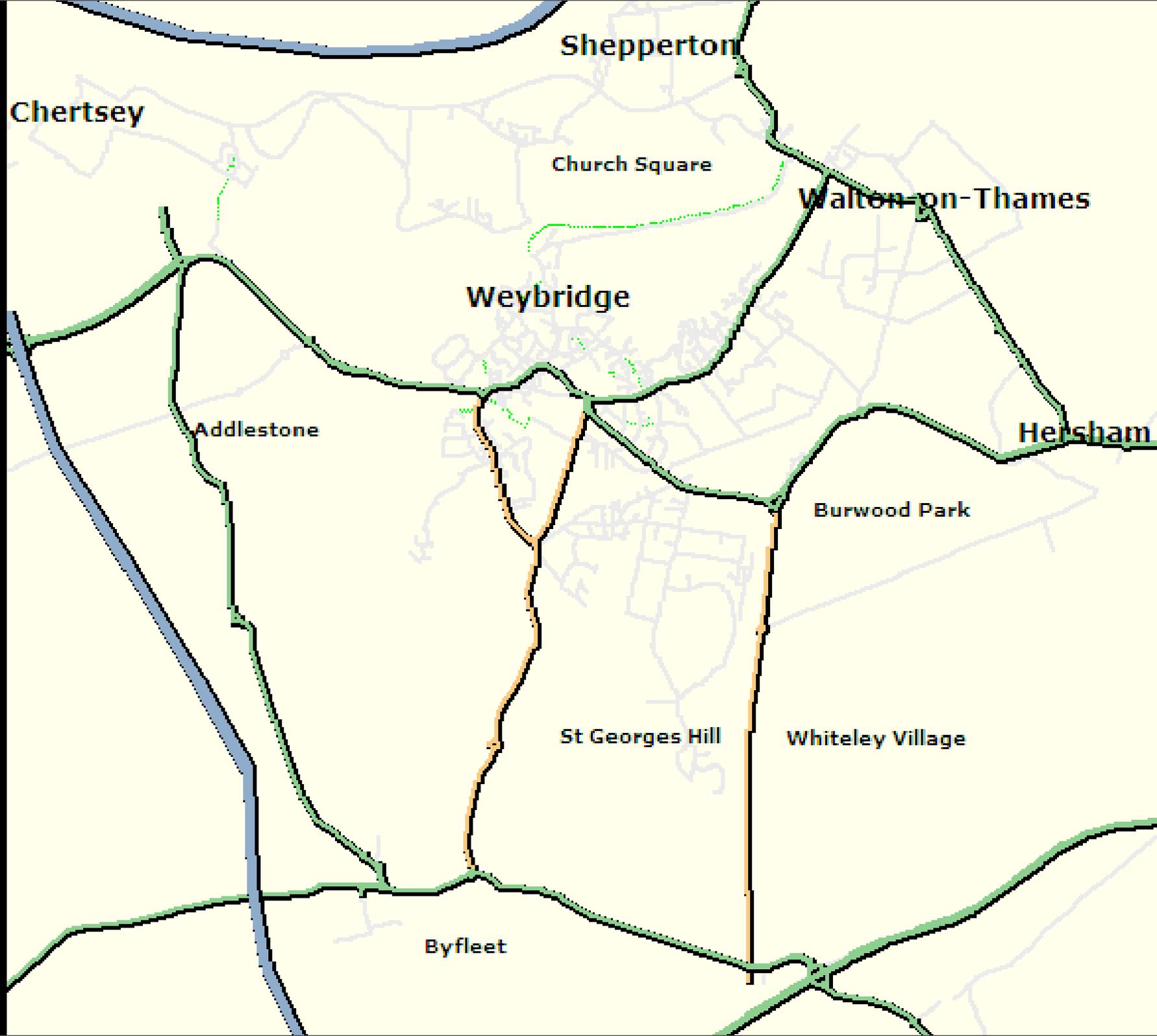
display name:  
nikel\_maron



# Pretty Maps







Shepperton

Chertsey

Church Square

Walton-on-Thames

Weybridge

Addlestone

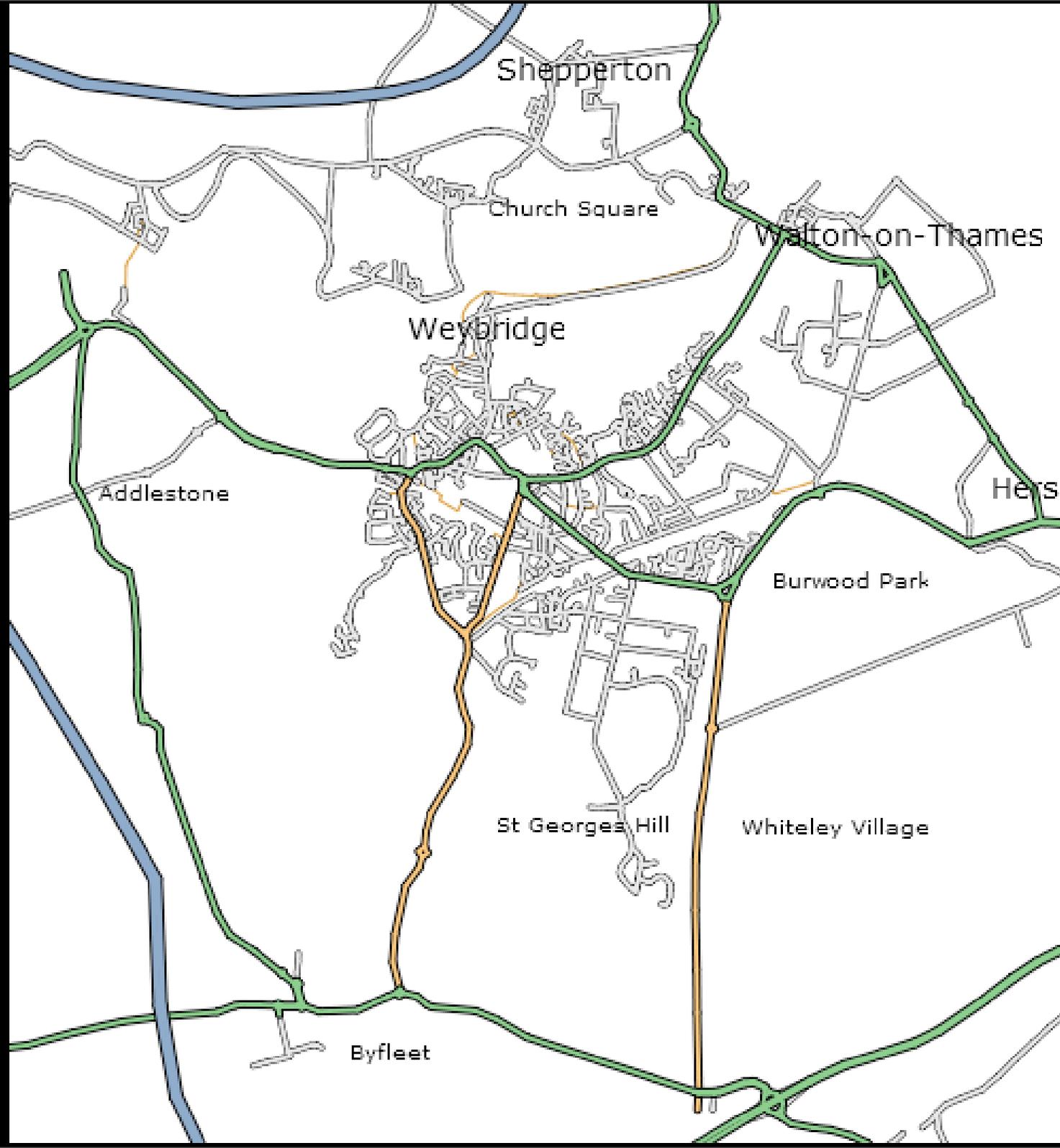
Hersham

Burwood Park

St Georges Hill

Whiteley Village

Byfleet



Shepperton

Church Square

Walton-on-Thames

Weybridge

Addlestone

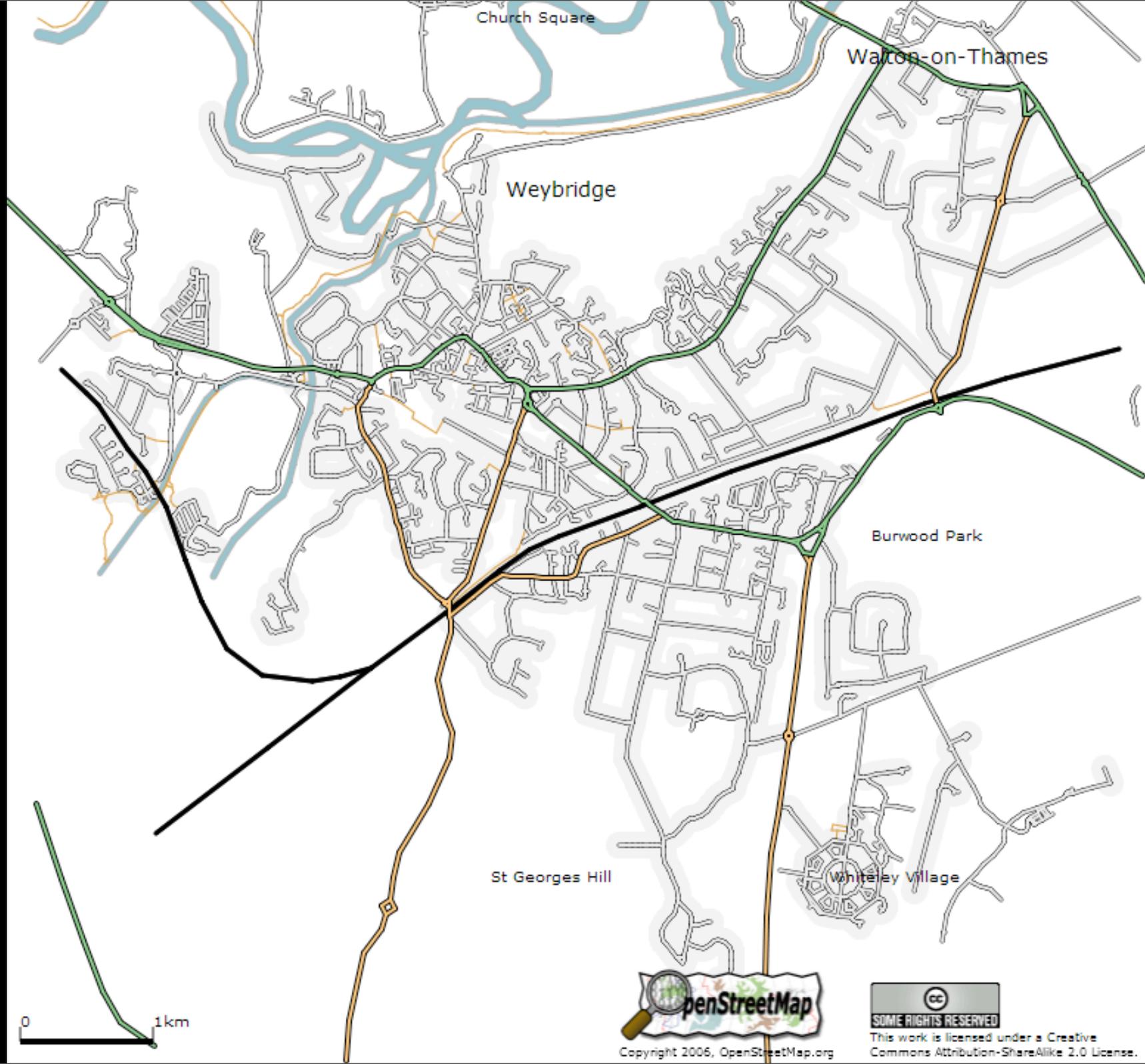
Herst

Burwood Park

St Georges Hill

Whiteley Village

Byfleet



Church Square

Walton-on-Thames

Weybridge

Burwood Park

St Georges Hill

Whiteley Village

0 1km



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Church Square

Walton-on-Thames

Weybridge

Addlestone

A317

A317

Oatlands Village

Walton-on-T1

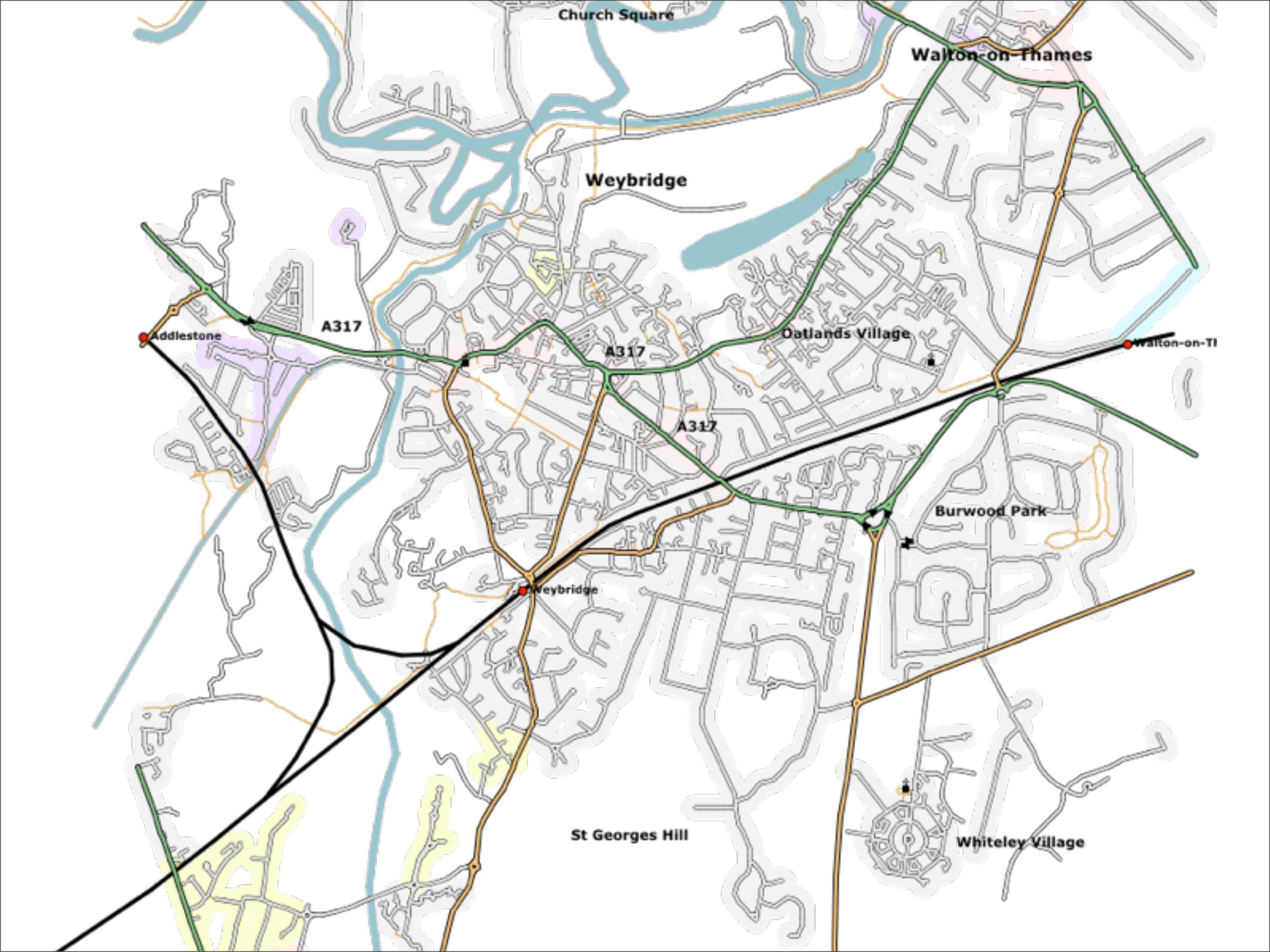
A317

Weybridge

Burwood Park

St Georges Hill

Whiteley Village



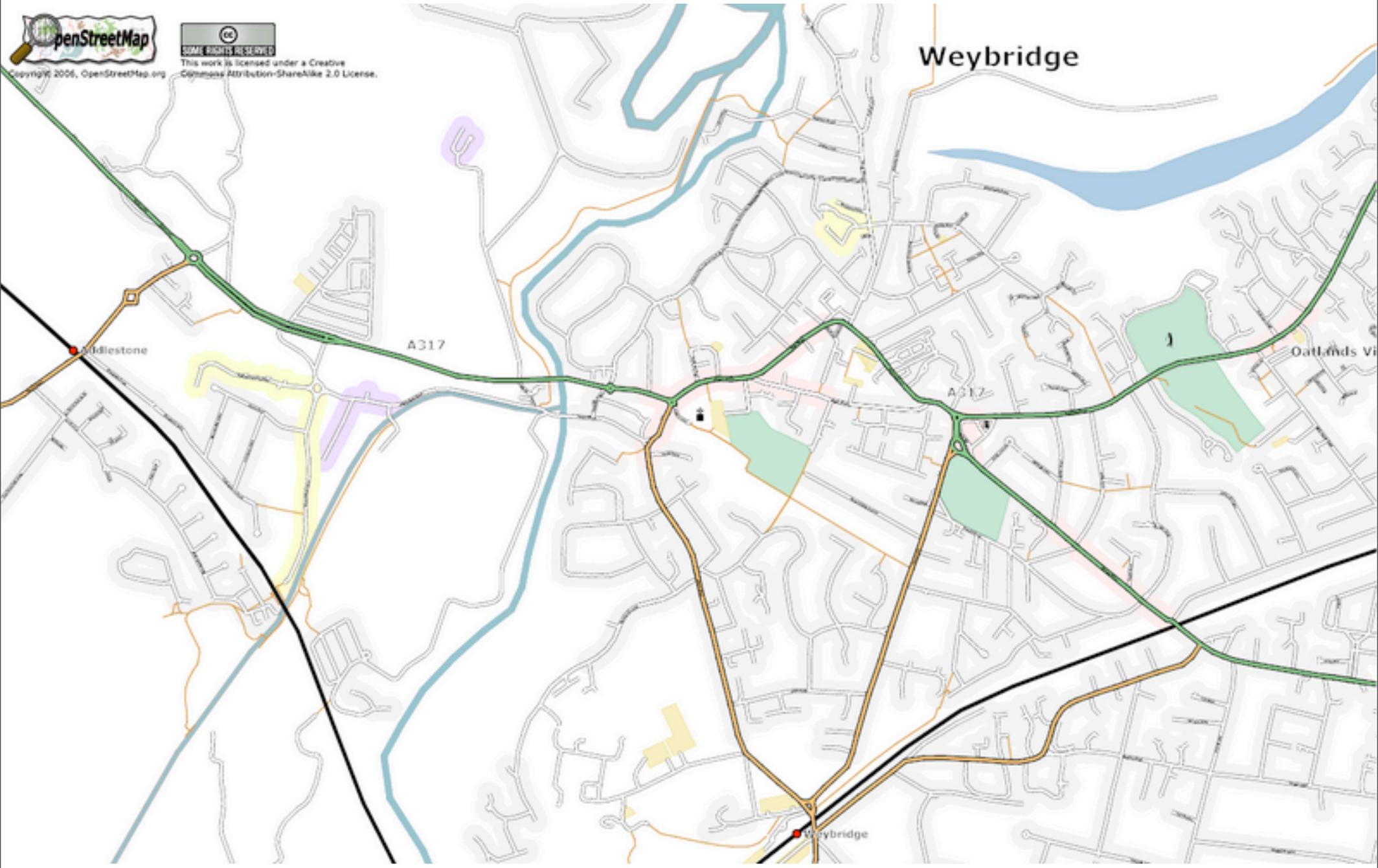


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# Weybridge



Middlestone

A317

A317

Oatlands Vi

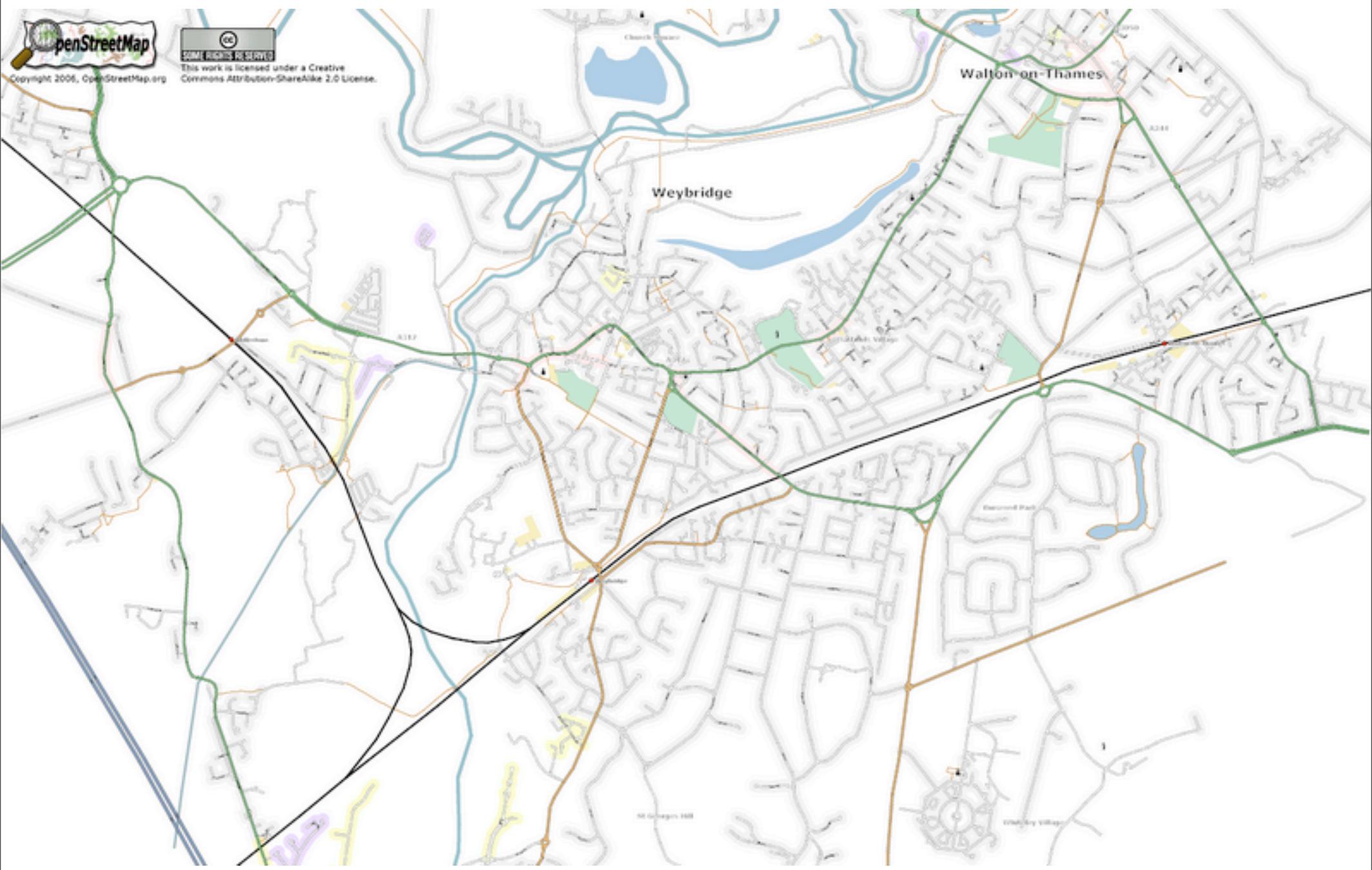
Weybridge

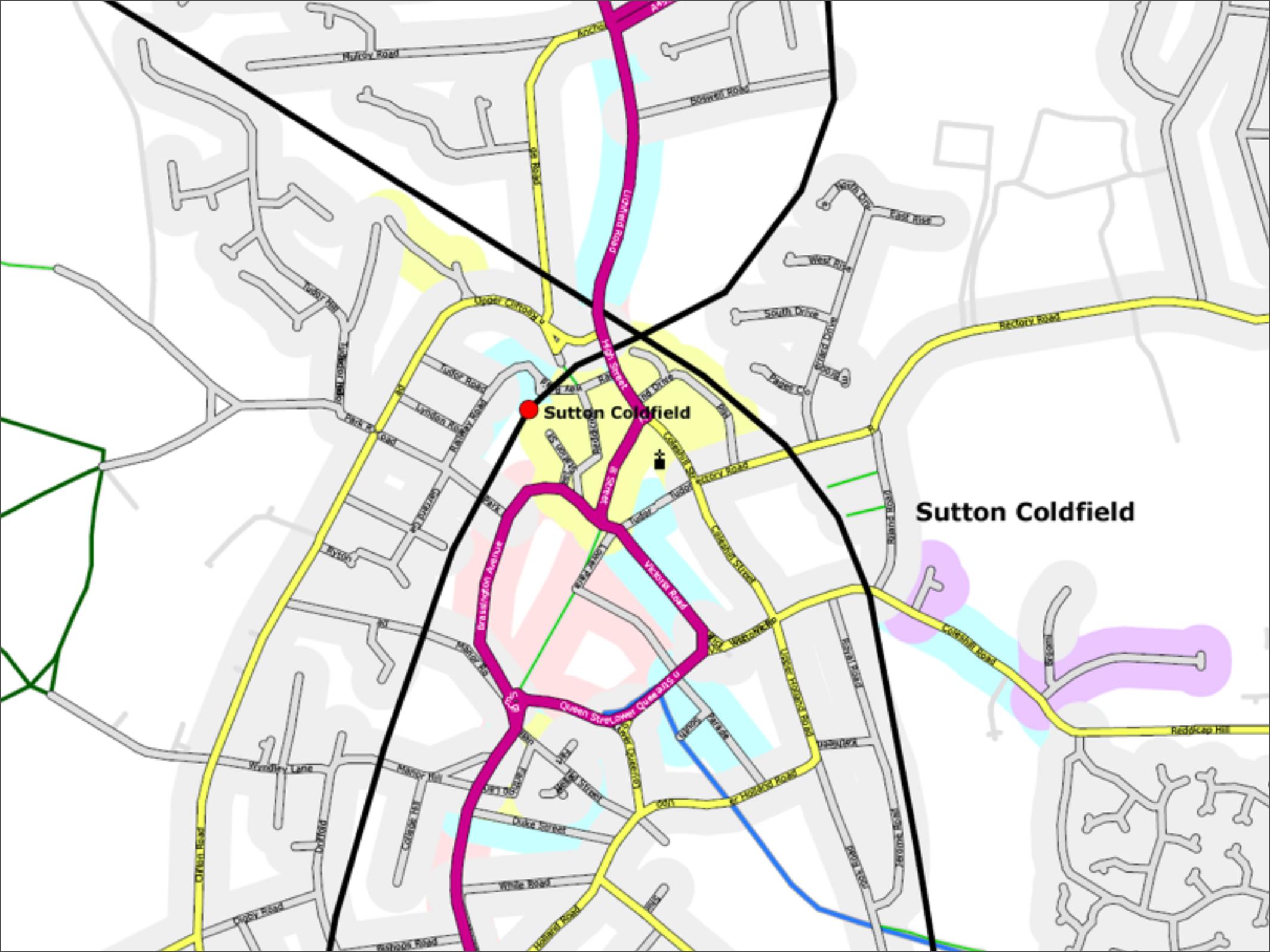


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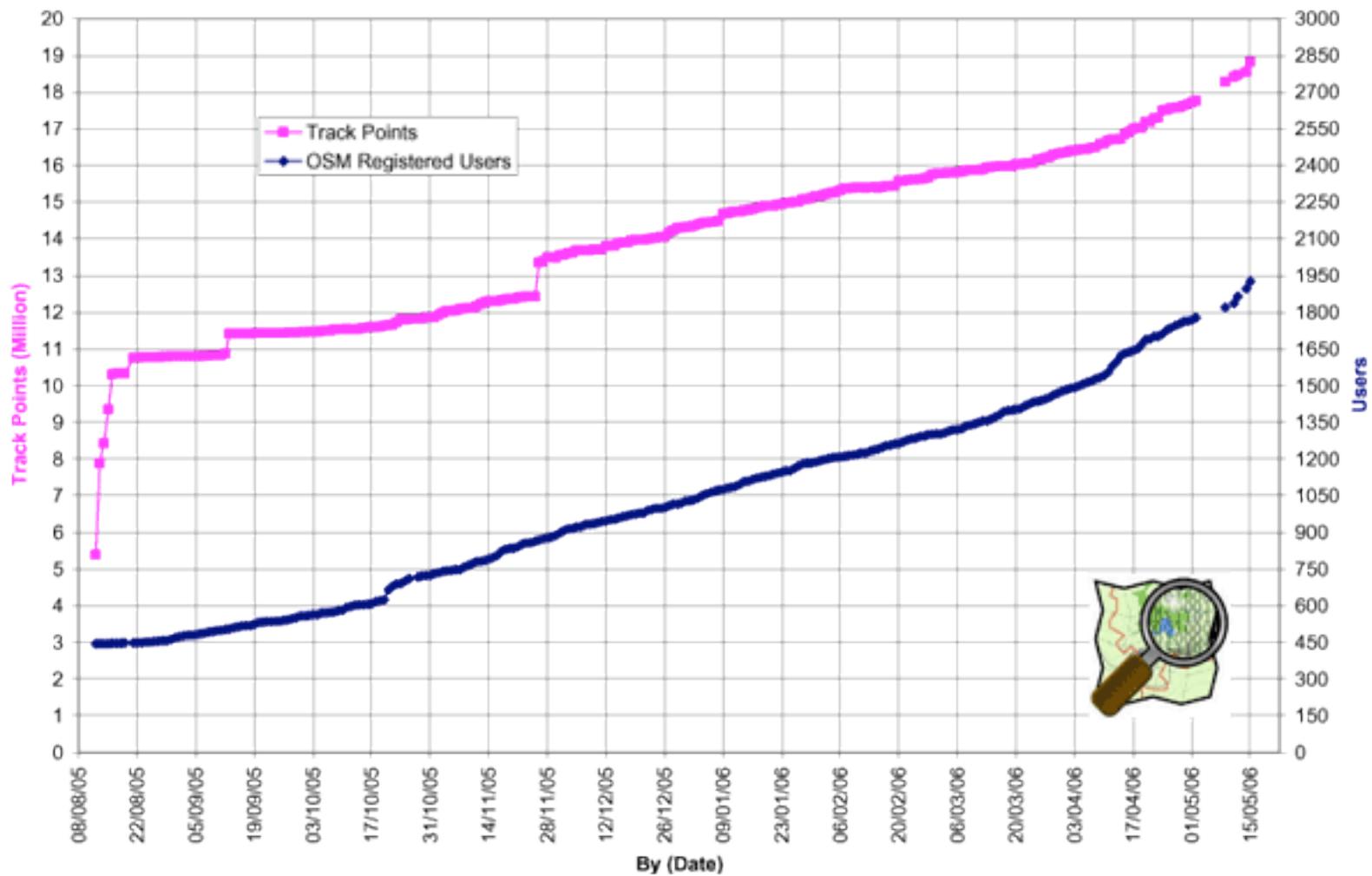


Sutton Coldfield

Sutton Coldfield

Progress

### OpenStreetMap Database Statistics Users and User gpx Uploads (track points)





Bubble wrap, padlocks, boxes, tape...

LOWEST PRICE GUARANTEED

2005-04-01



2005-04-01



# TIGER/LINE

## **§ 105. Subject matter of copyright: United States Government works**

Copyright protection under this title is not available for any work of the United States Government, but the United States Government is not precluded from receiving and holding copyrights transferred to it by assignment, bequest, or otherwise.

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# Workshops

Or, Map as Party







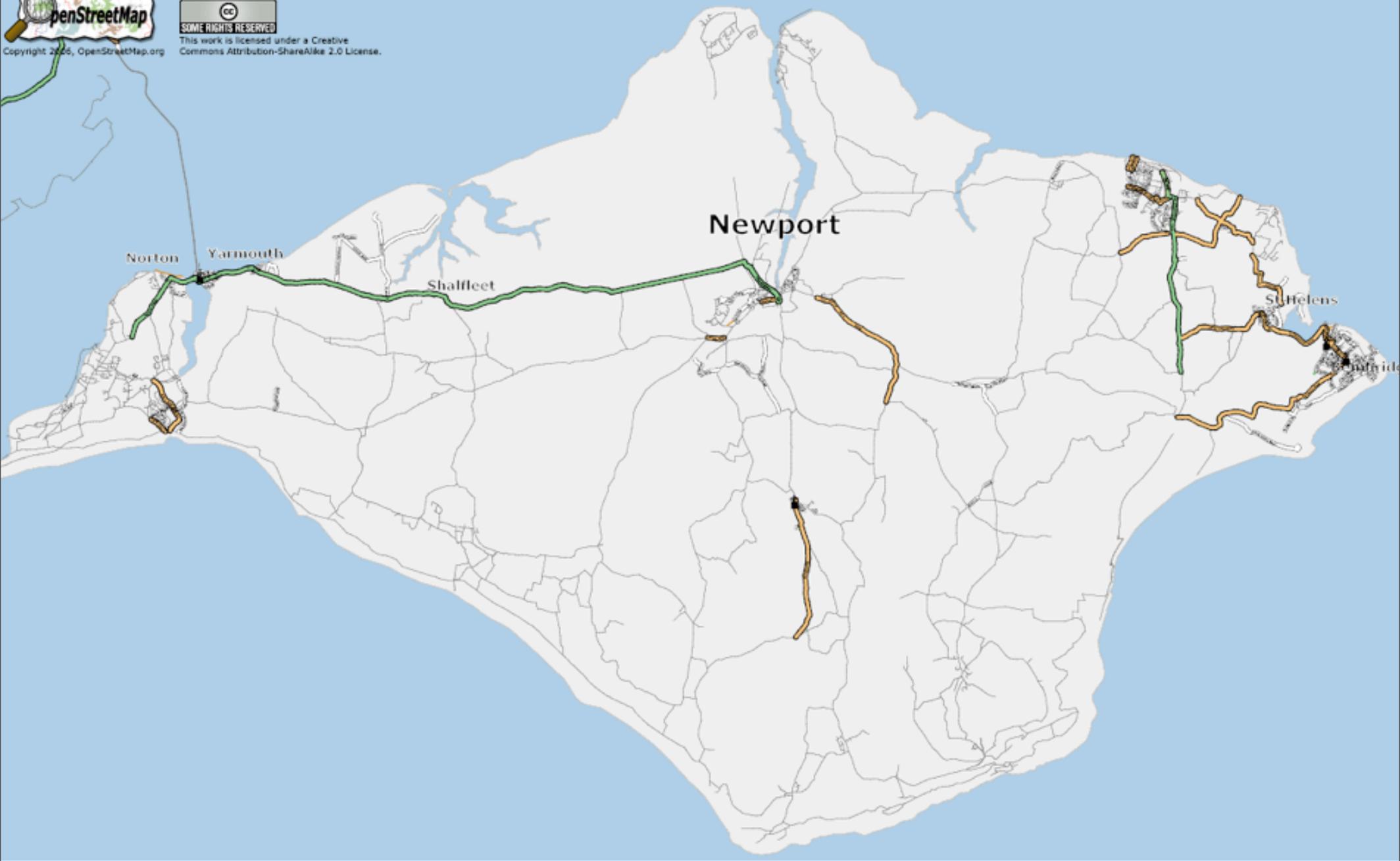




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Norton

Yarmouth

Shalfleet

Newport

Suffolens

Narrid



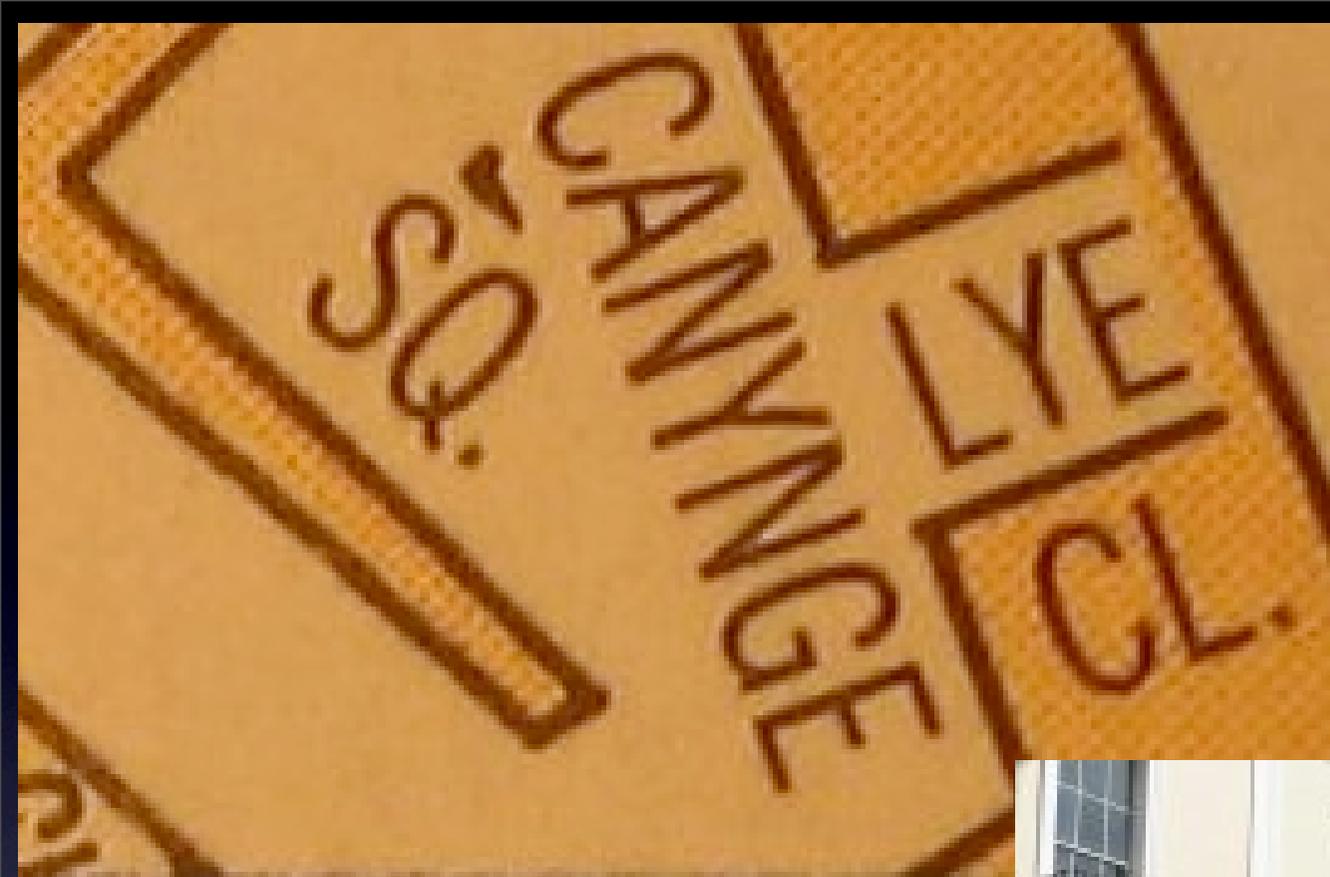
Layers

- 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  
53.22699 -2.123162 BH20 4PF  
53.231780 BH20 6EP  
53.2421 1HJ

# Thanks for listening

Steve Coast

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