

# Different ways to map a walk



***Celia Wade-Brown***

# Today

Online tools to help map a walk

NOT

- what data to collect
- who to consult
- what is a good walk
- why walking is wonderful!



# Content

- What is GIS?
- Google Earth & GoogleMaps
- MapMyWalk
  - Searching for walks
  - Mapping your own walk
  - Telling others
- National data issues
- Technology for visual impairment

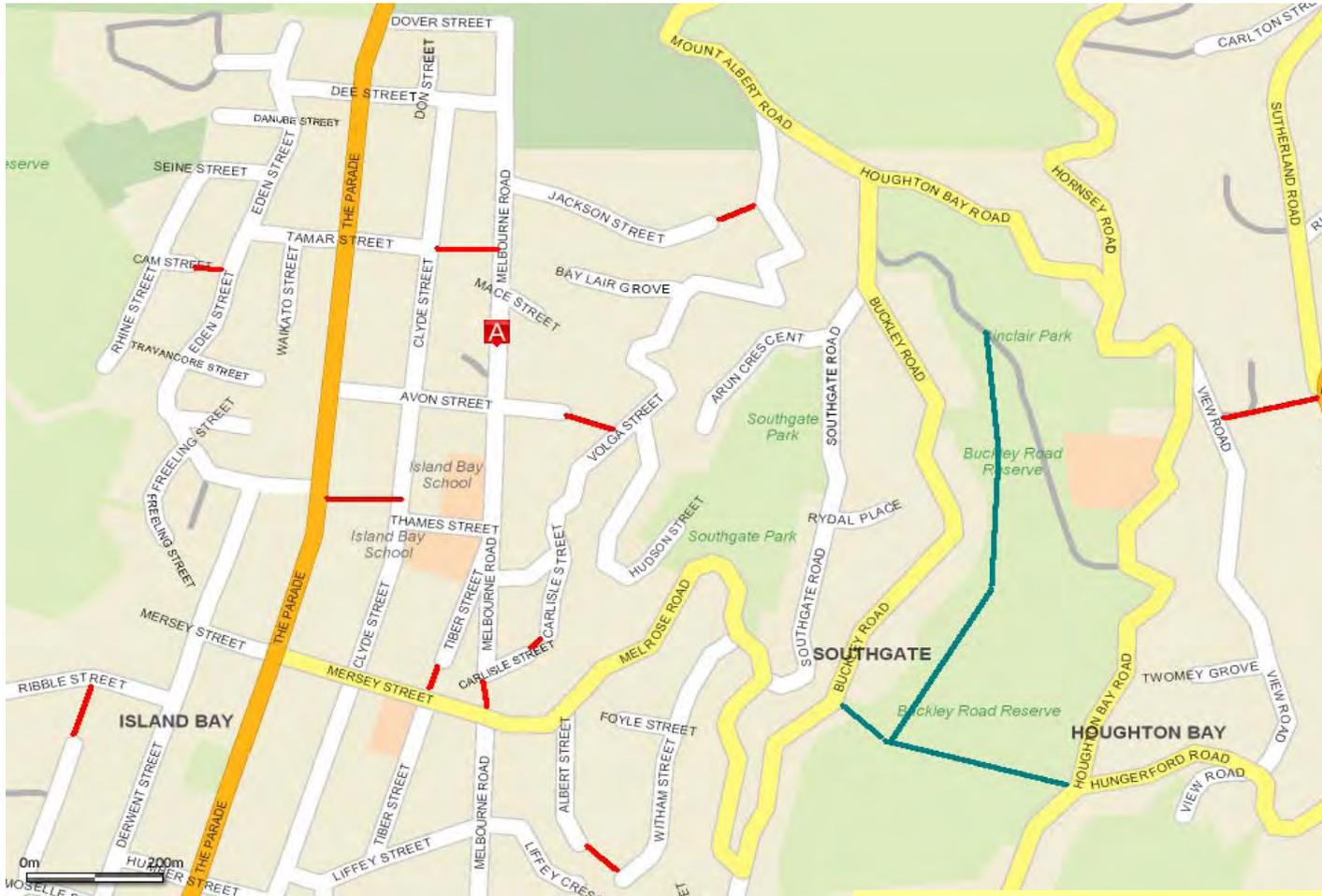


# Geographic Information Systems

- Objects
  - Sewer lines, cathedrals, houses, volcanoes
- Location
  - Latitude & Longitude & Elevation
- Address
- User modification
- Public or private e.g. rare plants



# You know your area best!



*Foot access added*

## Walk 7: Urban Motorway secrets

Category: Moderate walk with some steps



Leave Plimmer statue at 12.30 pm.

Walk up Plimmer Steps, up Boulcott St and turn right into The Terrace. Cross The Terrace at the lights and go down the path south of the motorway exit.

Keep left across the car park, walk past the Clifton stop on the Cable Car and then right along part of the original motorway walks. Follow the lower branch of the walkway below Clifton Tce under Aurora Terrace to Bolton St. Cross and enter the cemetery at Easdale St. Cross the motorway over the Denis McGrath bridge, through more roses and down to Bowen St.



Carefully cross over Bowen Street, wind through a car park and up wooden steps to Hill St, cross Hill St and walk a short distance down Hill St and then left into Selwyn Tce. Take time to look at the houses at the top of the Terrace and then take path down to the Motorway walkway. Pass St Mary's College. Cross Hawkestone St and then cross the

dge which takes you to Tip  
t runs between two ho  
o Poplar Grove. The

Just south of the dairy is a narrow path  
walk a short distance along Grant Road and turn left  
down the Grove.

n right and walk

A long list of directions is tricky to write AND to follow OR to modify!



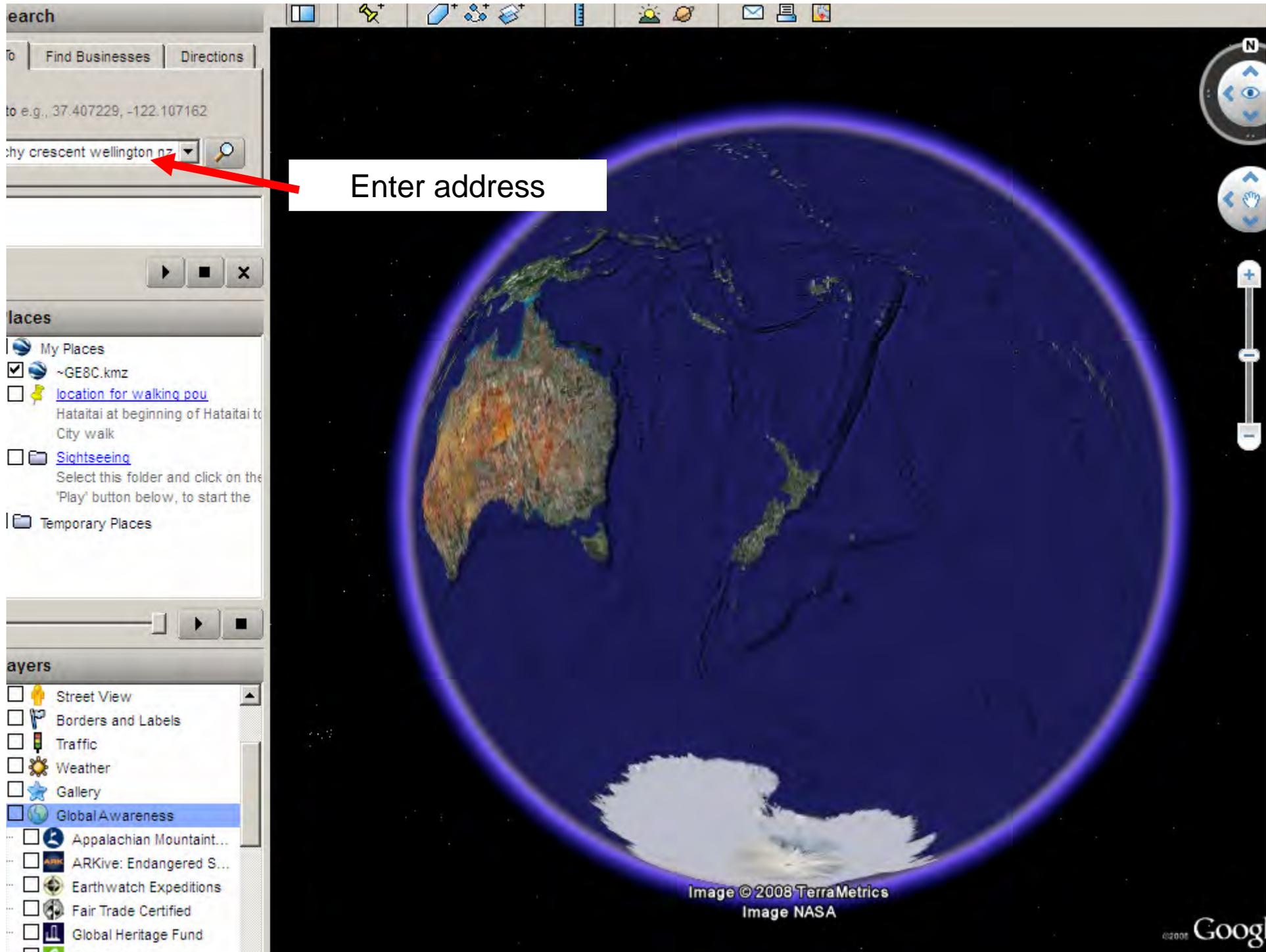
When back down the  
ce, emerging by the  
Woodward St.

The Urban Motorway in the  
60s. It was to be bisected by the new  
road, plans w  
Beard, the architect, survives nearby. The walks are on Transit owned land which is maintained by Wellington City Council. Signage has recently been improved. Living Streets Aotearoa intends to produce a booklet showing the connections along the Wellington urban motorway.



# Google Maps & Google Earth

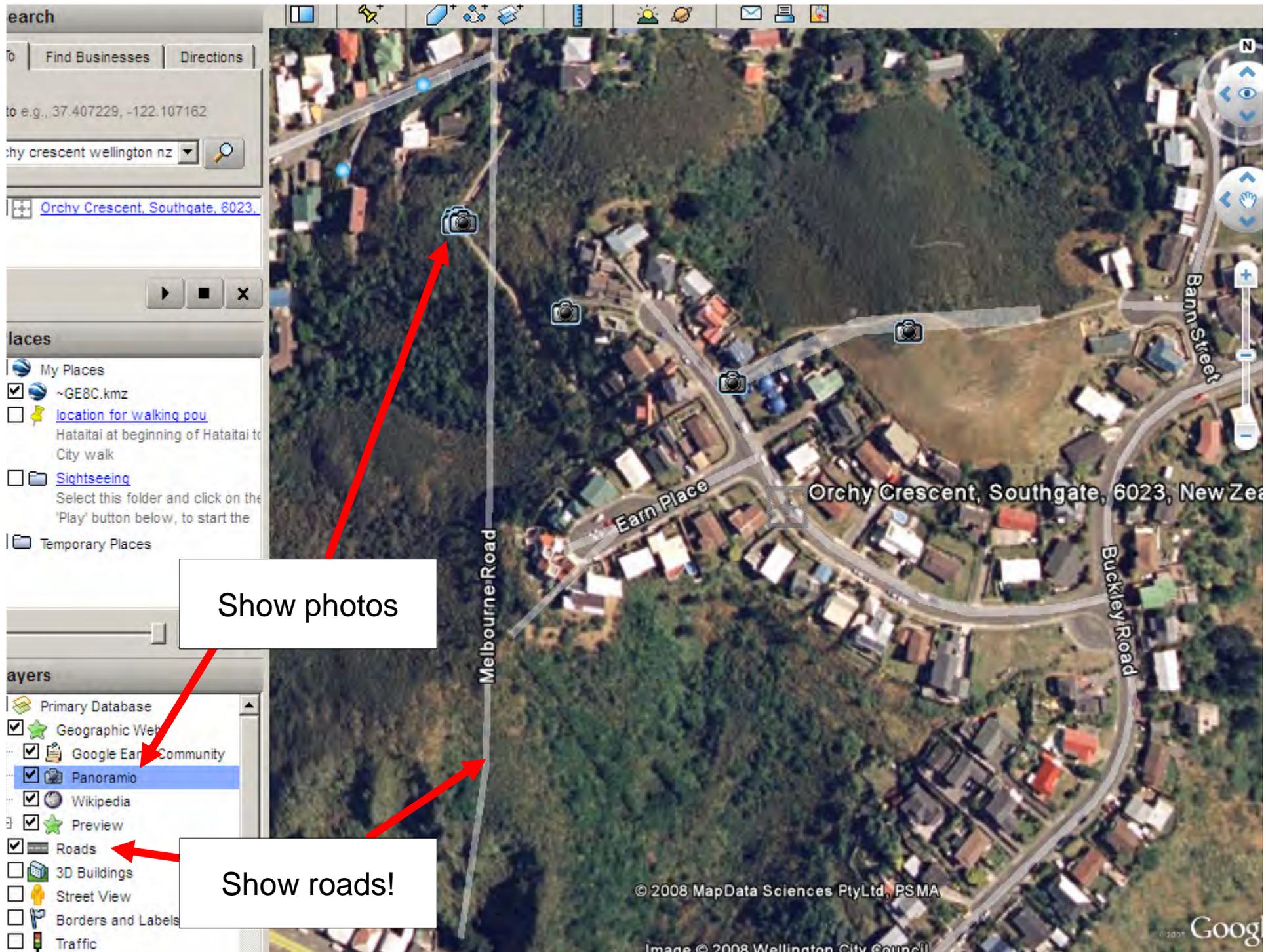
- Google Maps covers most of world
- Google Earth - based on satellite and aerial photography
- Google Earth needs to run on your PC
- Download latest (4.3) Google Earth  
[earth.google.com](http://earth.google.com)
- Some organisations don't allow download of Google Earth
- MapMyWalk uses Google Maps and, optionally, Google Earth



Full screen

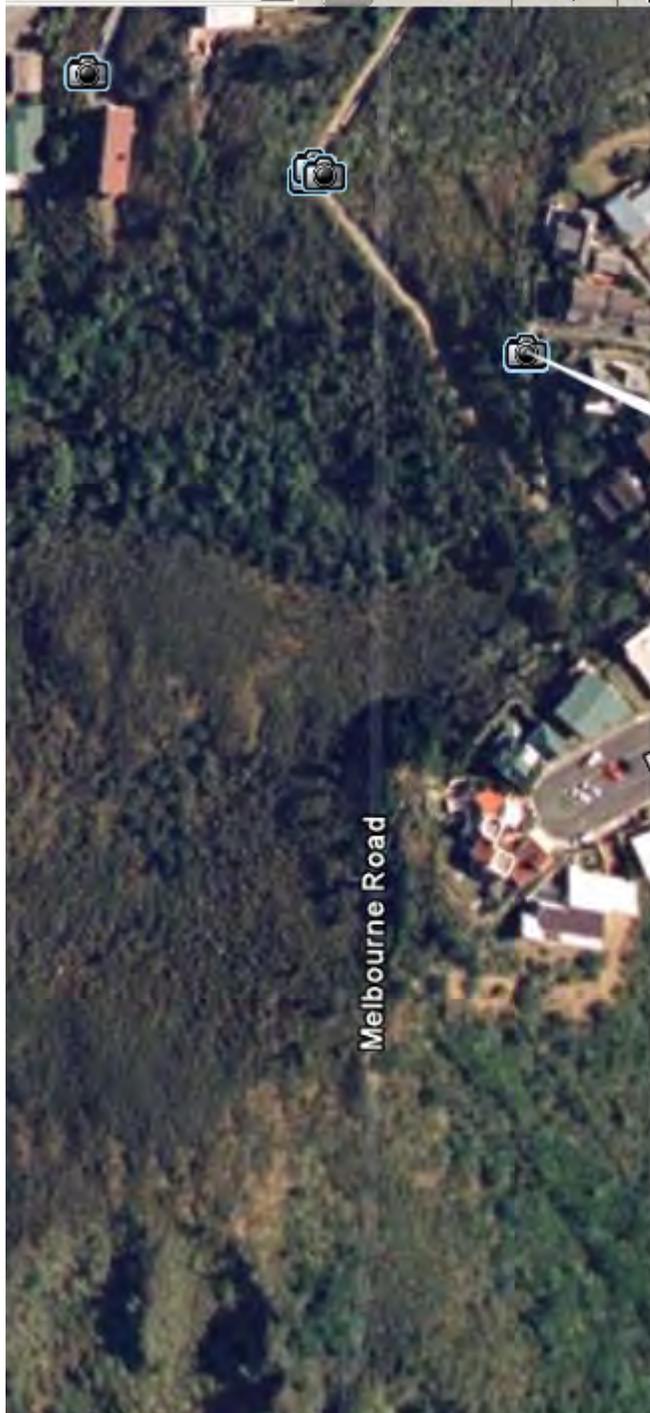


Orchy Crescent, Southgate, 6023, New Zealand



Show photos

Show roads!



Melbourne Road

# Panoramio



**Just after the sun has gone down behind the Kaikouras on the South Island. As seen from this point, looking West**

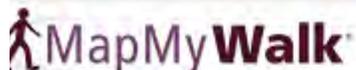
Photograph by [Fritz Schöne](#)

in Wellington (New Zealand)  
[Misplaced?](#) | [Inappropriate](#) | [Comment it](#)

[Upload your photos »](#)

# MapMyWalk

- An application that uses Google data
- One of a set
  - Map My Run
  - Map My Kayak
  - Map My Ride
- Free to use & search
- Sign up needed to add walks
- Advertising & Premium version
- Loops, elevation, private/public, groups, forums +



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BECOME A MEMBER

it's free!

HOME MAP NEW WALK SEARCH FOR WALKS MY TRAINING LOG WALKING RACES & EVENTS COMMUNITY STORIES & PHOTOS NEW FEATURES



Stories & Photos Share an adventure, report on a race, or show off your photos and get a chance to win \$100! Learn More



MAPMYWALK

- Profile
- Walks
- Goals
- Training Plans
- Walking Gear
- Workouts
- Events
- Walking Groups

TRAINING

- Training Calendar
- Training Plans
- Calculate Calories
- Calculate HR Zones
- Interval Workout
- Track Add
- Strava Tracker
- Reports

faster, farther, everywhere. [view details](#)

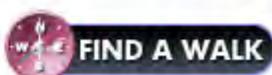
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**NEW** **PREMIUM MEMBERSHIPS** **MORE**

POWER EXCLUSIVITY FLEX DESIGNATIONS ACCESS

PREMIUM MEMBERSHIPS PRINTABLE MAPS TRAINING PLANS

MAP, FIND NEW WALK & LOG YOUR WORKOUTS



Plot your walk over mountains (view elevation), through the woods (topo maps), and on any trail with just a few mouse clicks. Once your walking map is complete you can quickly view it in 3D, satellite maps, or share it with friends.

New Walks in Wellington Top Walks This Month's Events Wellington Groups

RECENT WALKING FORUMS [VIEW ALL](#)

Nutrition Advice please. posted in: General Fitness and Nutrition

map →

key to a healthier walk

**Stories & Photos**  
Share an adventure, report on a race, or show off your photos and get a chance to win \$100! [Learn More](#)



**CREATE AN experience**

**CLICK HERE TO POST YOUR EVENT IT'S FREE!**

## IND WALKS AND WALKING ROUTES

Use the form below to search for walks in your city or across the globe! Type in a location (ex., 'San Diego, CA'), a zip code (ex., '90210'), or a keyword (ex., 'Dallas Marathon') to get started.

Event coordinators, participants, and just about anyone can now [Submit an Event for Free!](#) <sup>new!</sup>

You can also search **directly on the map!** On the [map](#), click the 'Search' menu item. You can then enter in the type of routes you are looking for and the radius to search from the center of the map.

### SEARCH

**Location**  
  
(i.e., "San Diego, CA", "92109", "London, UK", etc.)

**Keyword**

**Route type:**

**Display Events Only?**  
 Yes

**WORKOUT WAREHOUSE**  
Best Fitness Brands Astonishingly Low Prices



**CHECK OUT OUR GREAT DAILY DEALS**

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ATHLETE ENGINEERED SKINCARE



If it helped Charlie

**Stories & Photos**  
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## WALKING STREETS AOTEAROA LUNCHTIME WALK -- WALK 1: WALK TO RAWHITI TERRACE VIA TIMUTOTO WATERFALL (1.68 MI.)

WELLINGTON, NEW ZEALAND



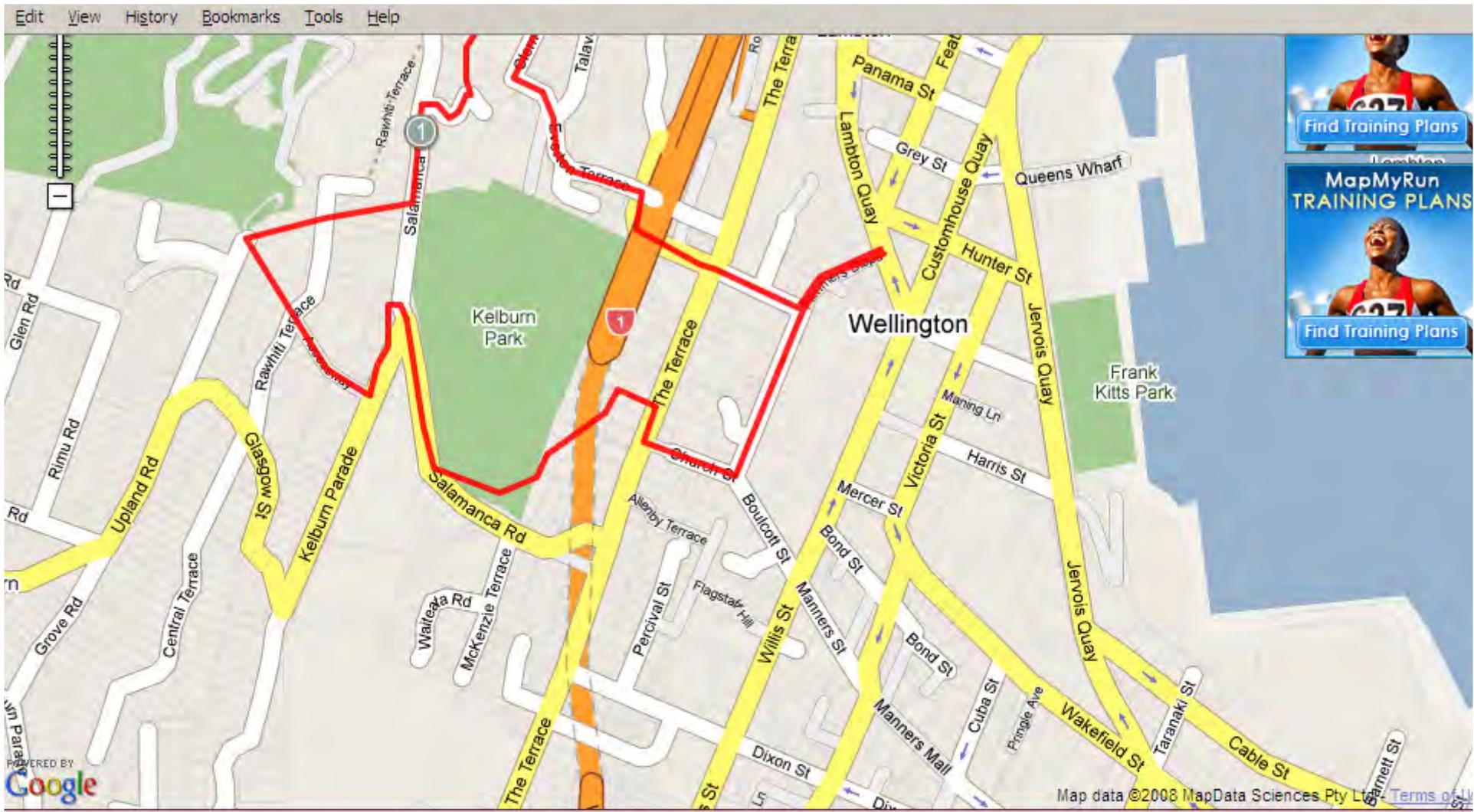
URL: <http://www.mapmywalk.com/walk/new-zealand/wellington/210633791140>  
 Copy the URL above to link to this route from your website or [embed this map](#) in your blog.

[Read this walk Description](#) | [View this Route in 3D \(Google Earth\)](#)  
[View more Walks](#) or [Map New Walk](#) in Wellington, New Zealand

★★★★☆  
 0 Comments  
 23 Views  
[Read](#) | [Add](#)  
[Print](#)  
[Bookmark Me](#)  
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**ADD THIS MAP TO YOUR WEBSITE OR BLOG**

Attribution: Created by [LizFlint](#)

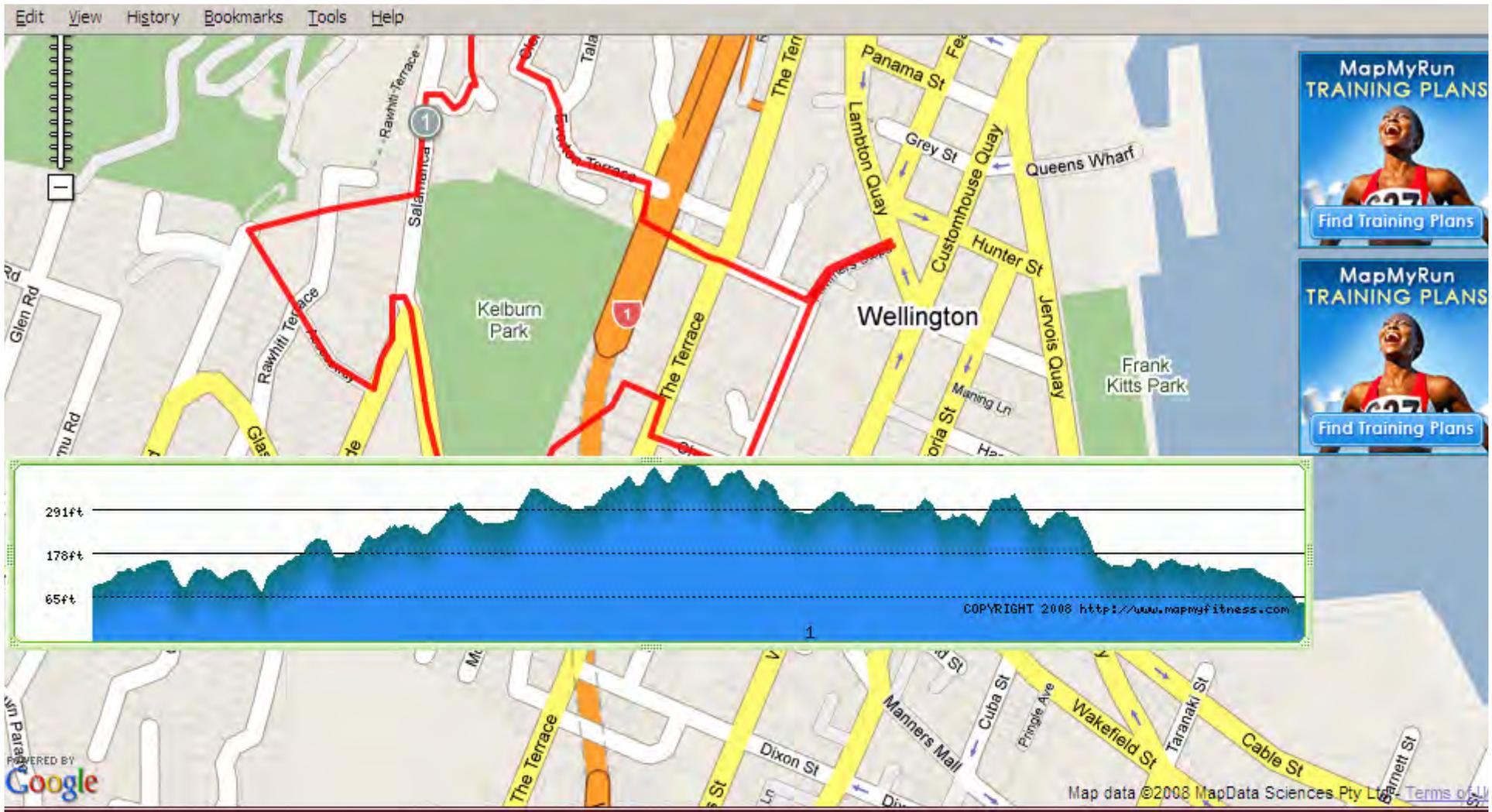


Disclaimer: MapMyFitness.com and the author of this route make no warranties as to the conditions, safety, distance accuracy, or suitability for walking, running, or cycling of this route. Walk, Run, or Ride at your own risk!

## Description

Category: This walk has a lot of steps

Meet at Plimmer Statue at 12:30 pm; walk up Plimmer Steps to the memorial seat to John Plimmer. Cross Boulcott St and walk down Boulcott until you reach Church St. Walk up the Church St steps to The Terrace. Cross over to the other side of The Terrace.



**Description**

Category: This walk has a lot of steps

Meet at Plimmer Statue at 12:30 pm; walk up Plimmer Steps to the memorial seat to John Plimmer. Cross Boulcott St and walk down Boulcott until you reach Church St. Walk up the Church St steps to The Terrace. Cross over to the other side of The Terrace.

Edit View History Bookmarks Tools Help

http://www.mapmywalk.com/add\_route\_to\_blog.php?r=210633791140

my profile my credits my walks my groups my goals my email reminders search site find user help login

**MapMyWalk** [TELL A FRIEND](#) [BECOME A MEMBER](#) *it's free!*

HOME MAP NEW WALK SEARCH FOR WALKS MY TRAINING LOG WALKING RACES & EVENTS COMMUNITY STORIES & PHOTOS NEW FEATURES

Stories & Photos  
Share an adventure, report on a race, or show off your photos and get a chance to win \$100! [Learn More](#)

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## ADD MAP TO YOUR BLOG OR WEBSITE

### New Route

Now it is easy to insert your walking routes into any web page or blog post!

We have two different ways to do this:

Option #1: [Embed a Map in your Website or Blog \(Watch How-To Video\)](#)

Option #2: [Add a Button Link to your Website](#)

### OPTION #1: EMBED A MAP IN YOUR WEBSITE

Just copy and paste the following into the HTML of your page:

#### Large Version

Copy Code Below to Clipboard (IE Only) >

```

<iframe
src="http://js-dev.mapmyfitness.com/embed/blogview.html?r=c2e1d6065df028d12c19f
eight="700px" width="100%" frameborder="0"><a
ref="http://www.mapmywalk.com/walk/new-zealand/wellington/210633791140">Living
treets Aotearoa Lunchtime Walk -- Walk 1: Walk to Rawhiti Terrace via

```

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# MapMyWalk

TELL - A - FRIEND

BECOME A MEMBER

it's free

- MAP NEW WALK
- SEARCH FOR WALKS
- MY TRAINING LOG
- WALKING RACES & EVENTS
- COMMUNITY
- STORIES & PHOTOS
- NEW FEATURES

**Stories & Photos**  
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Start Here! Type a location/address below to go to:

key to a healthier walk

LEKI  
www.leki.com

Save Import Workout Calculator Search Settings Notes Help

**Route Info**

0 miles  
[change units](#)  
 Show Elevation  
 Street View

**Markers**

Please Select  
[more markers](#)

**Toolbox**

undo loop  
 out & back  
 center clear all  
[toolbox help](#)

**Lap Settings**

the form below to adjust your map settings.

Distance Units: miles  km   
 Show Distance Markers:  Yes  No  
 Show Marker Menu:  Yes  No  
 Show Toolbox Menu:  Yes  No

SURPASS YOUR GOALS  
**MapMyRide Training Plans**  
[Find Training Plans](#)

Start Here! Type a location/address below to go to:

panmuna conference centre, panmure nz

GO >



key to a healthier walk



old supporter  
mapmywalk.com

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### Lap Settings

Use the form below to adjust your map settings.

Distance Units: miles  km

Show Distance Markers:  Yes  
1 mile

Show Marker Menu:  Yes

Show Toolbox Menu:  Yes

Auto Recenter / Pan Map:  Yes

Show Elevation:  Yes

Show Custom Map Markers:  Yes

Show Roads / Auto-Routing:  Yes

Show Automatic Notes (with Follow Roads):  Yes

Save Import Workout Calculator Search Settings Notes Help

### Route Info

1.63 km

[change units](#)

Show Elevation

Street View

### Markers



Please Select

[more markers](#)

### Toolbox

undo loop

out & back

center clear all

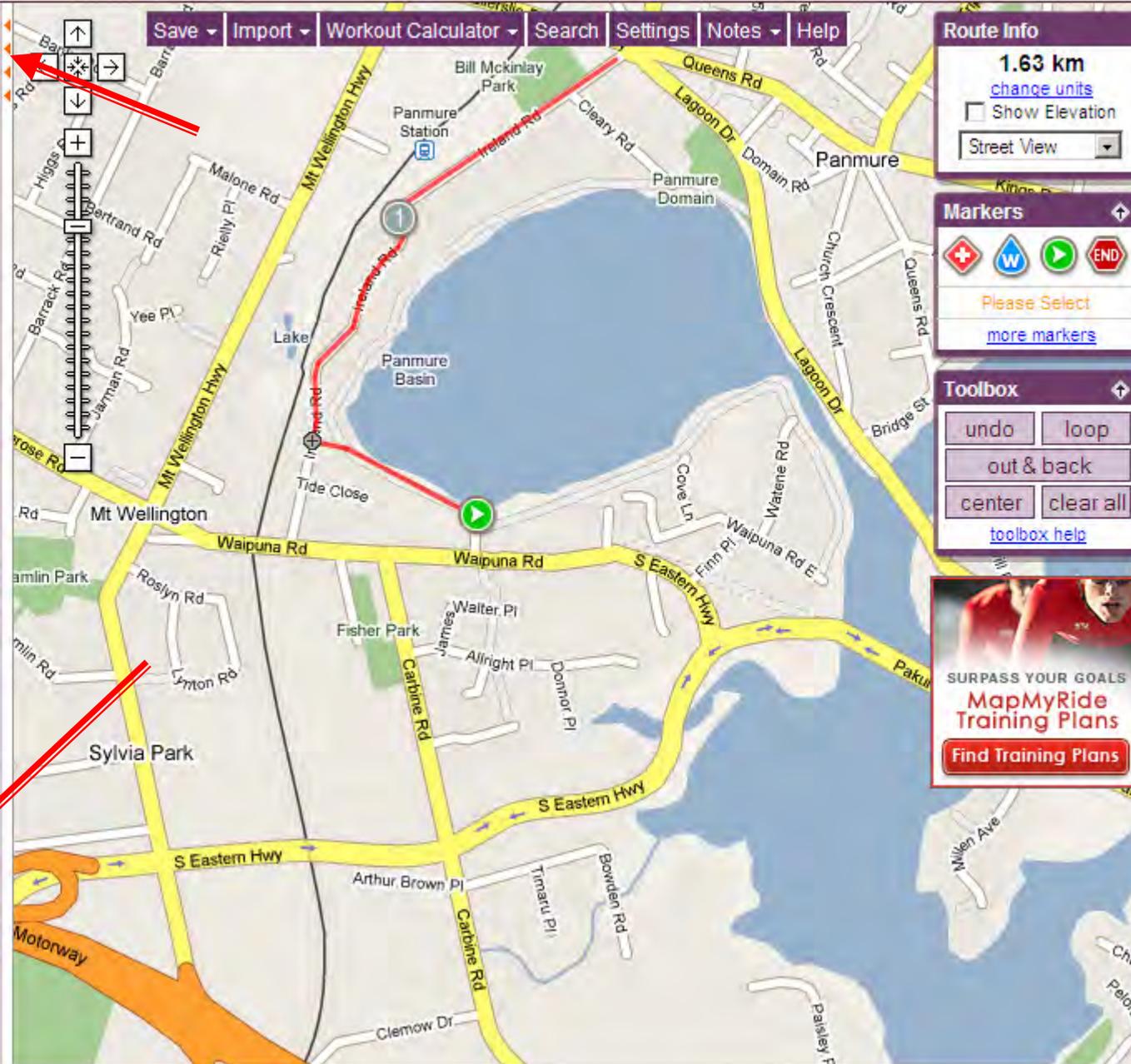
[toolbox help](#)



SURPASS YOUR GOALS

**MapMyRide  
Training Plans**

[Find Training Plans](#)



# Many other maps and applications

- GoogleMaps walking directions
- Calorie consumption
- Dog exercise areas
- Accessible ATMs
- Journey planners
  - Metlink
  - MAXX
  - Metro
- Walkability ratings
  - Walkscore



# Walk Score™ Find a Walkable Neighborhood.

Most Walkable Neighborhoods | Why Walk? | Walkability | How It Works | How It Doesn't Work | Real Estate Tile | Blog

Get your Walk Score  
Address: 196 station road penrose nz

Walk Score: 52 out of 100 — Somewhat Walkable Worst Best ?

- [Expand all](#)
- Grocery Stores**
    - Harvest Traders 0.55 km
  - Restaurants**
    - Man Lunch Bar Cafe 0.7 km
  - Coffee Shops**
    - Man Lunch Bar Cafe 0.7 km
  - Bars**
    - Hilli's R & B 0.88 km
  - Movie Theaters**
    - Madiment Theatre 2.04 km
  - Schools**
    - Te Papapa School 0.71 km
  - Parks**
    - Ericsson Stadium 0.72 km
  - Libraries**
    - The Library Cafe & 2.35 km
  - Bookstores**
    - Mallice Court Book 4.34 km
  - Fitness**
    - Curve 'n' Curves Gym 0.69 km
  - Drug Stores**
    - Te Papapa Pharmacy 0.56 km

**10 Rules of Flat Stomach**  
Remove 9 lbs of Stomach Fat every 11 Days by Keeping these 10 Rules

**Controversy: New Urbanism**  
How much should government regulate urban planning?

Ads by Google



**Celebrity Locations**  
Check the walkability of these famous locations:

**Improve America's Walk Score: The 2009 Transportation Bill**  
Tell Congress to support walking, biking, and transit in the 2009 Transportation Bill.

[More information](#)

Name:

Email:

ZIP Code: (Why?)

**Greener Living in a Box**  
Easily save energy and water  
Kits make great:  
Housewarming gifts  
Client Thank-You Gifts

[www.climatekits.com](http://www.climatekits.com)

[Improve America's Walk Score](#)

**Walking Oasis in an Unwalkable City**  
Even the least walkable cities have very walkable places. Take a tour of these walking oases.

# GPS and visual impairment

- Phone
- GPS
- Directions
- Loadstone
  - RNIB
  - RNZFB
- Council data
  - Intersections
  - Bus stops
- More possibilities!



**Businesses**

**Emergency services**

**Councils**

UNDERSTANDING OUR GEOGRAPHIC INFORMATION LANDSCAPE  
A NEW ZEALAND GEOSPATIAL STRATEGY

**NZ Post**

**Education**

**General public**

**Police**

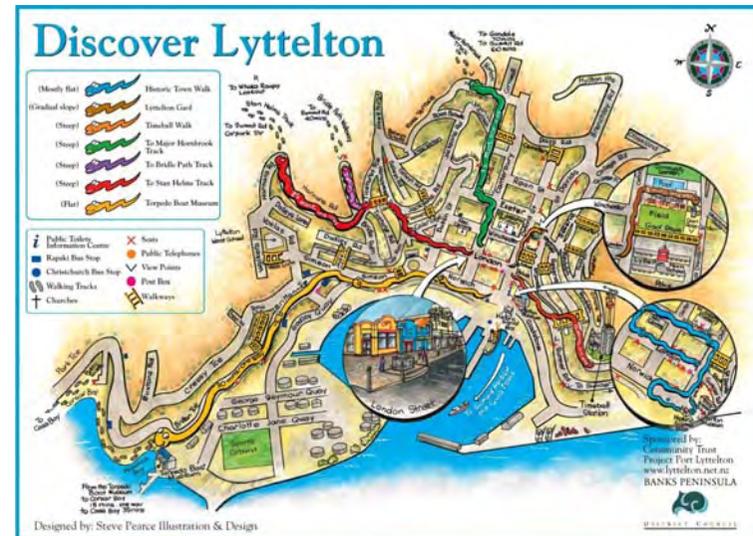
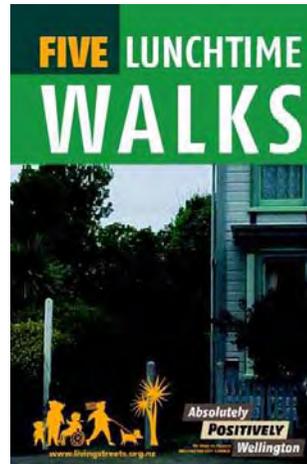
***National Address Register  
project on hold...***

# Need standard data across NZ



- Safety
- Accessibility
- Journeys across boundaries
- Promotion of facilities
- Public access
- Reduce cost to Councils

# Still need signs and paper!



**The end**



Island Bay  
Berhampor

PEDESTRIAN ACCESS TO  
NIKAU ST

