

**Names:**

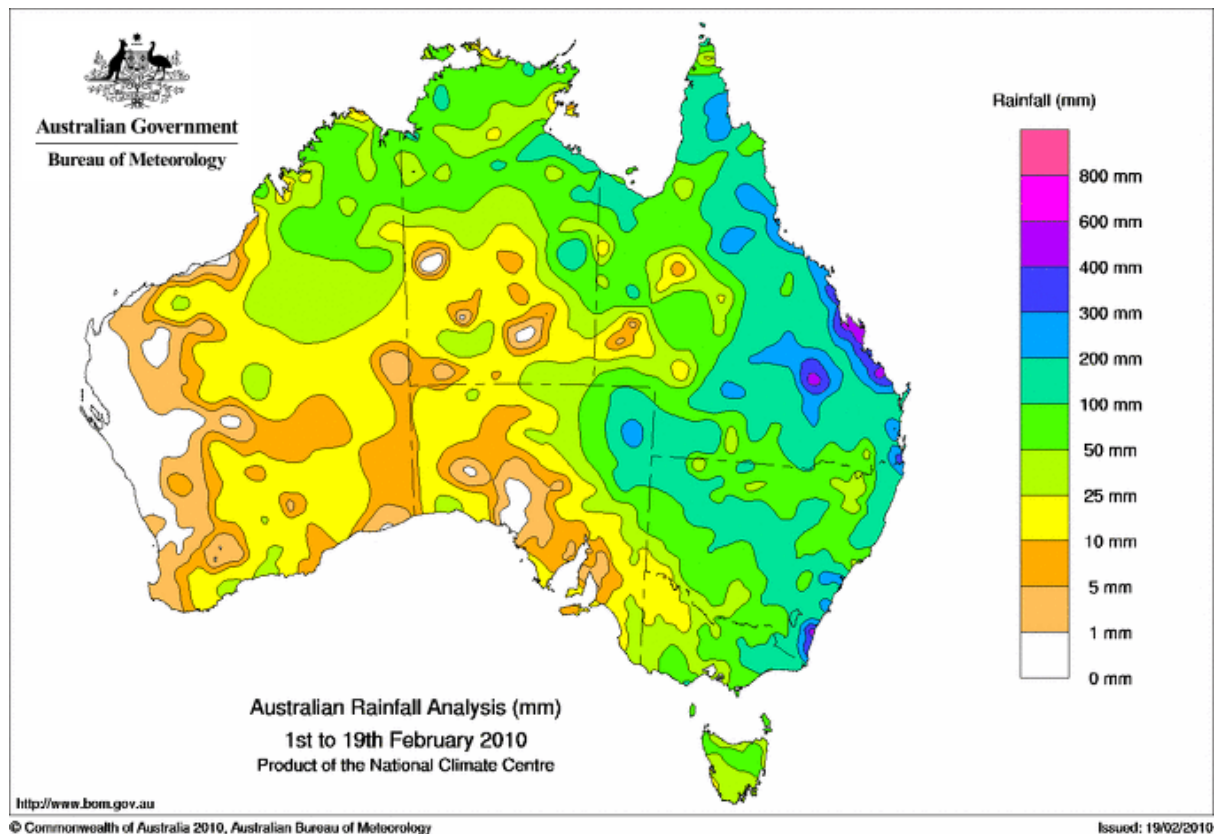
Sebastiaan de Vries

Troy Breijaert

Sietse de Kok

Adriaan de Klerk

Sven Guijt

**Problem 1:**

Link: <http://www.colinandrews.net/images/RainFall-February2010.gif>

This graph is used to show the amount of rainfall (mm) in a period of 19 days in February 2010. The audience for this graph is probably for general public. On first sight you don't know which colour is used to show a large and small amount of rainfall. The indexing of the colour scheme may be a bit confusing because warm colors (such as orange) are normally used for a high amount and cold colors (such as blue) are used for low amounts. In this case it is the other way around. For map visualizations is clear to make use of rainbow color schemes because in a small amount of time you are able to spot different variables, in this case rainfall.

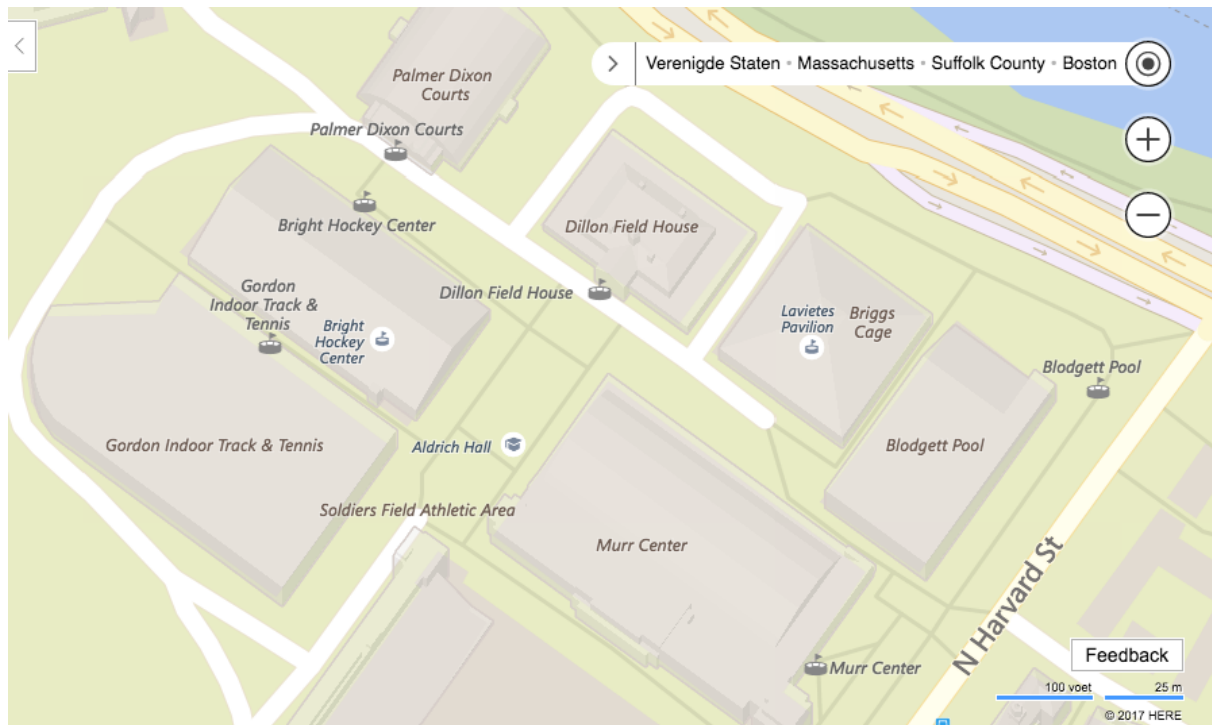
**Problem 2:**

Chosen maps: Google maps and Bing

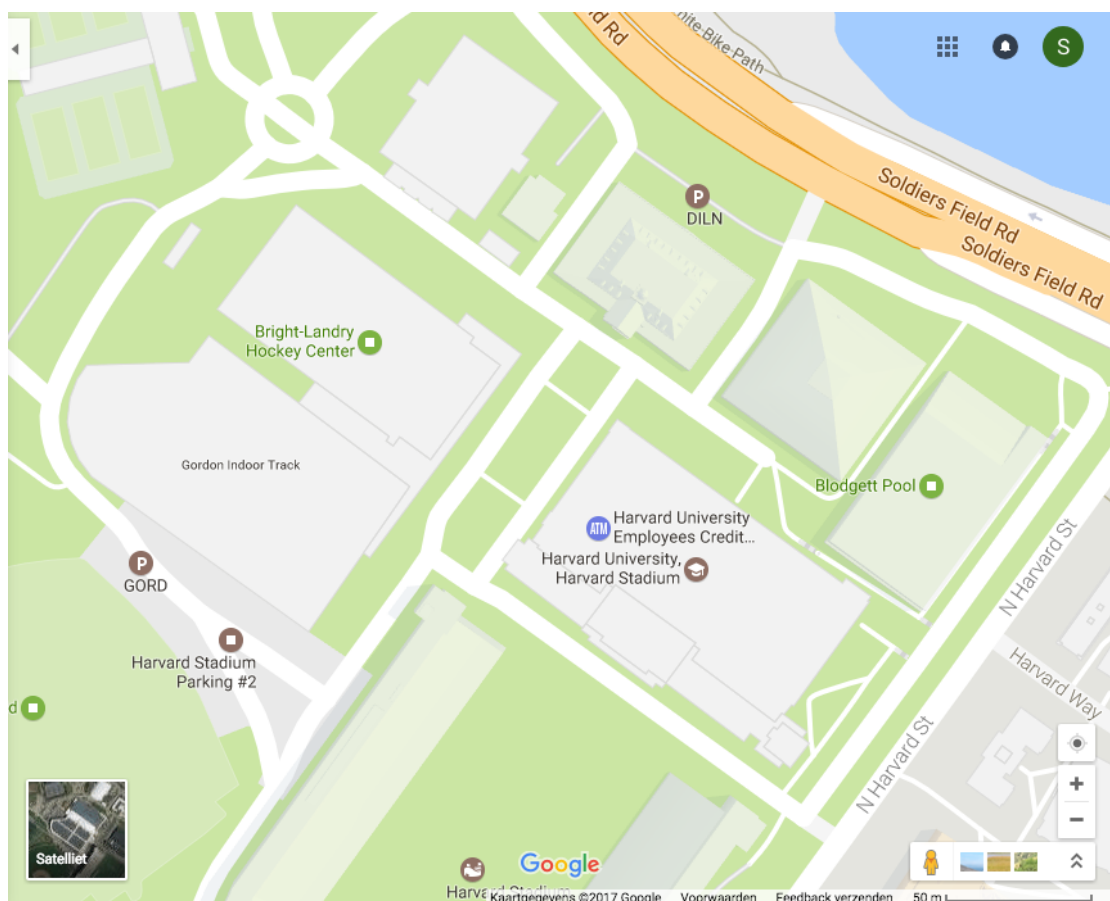
Both Google maps and Bing maps show a comparable amount of data on buildings. There are options to view the map in bird's eye view or in 3D in both maps.

Bing shows all stores that are in the neighbourhood and uses different icons for them. Google does the same thing. The more you zoom on a particular part of the map, the more building names and stores will appear.

Bing maps:

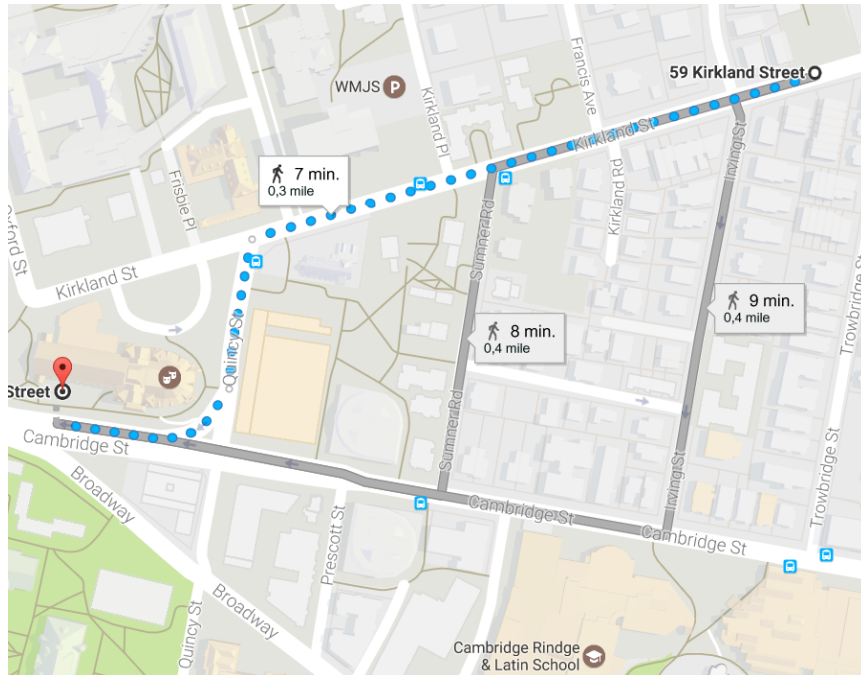


Google maps:

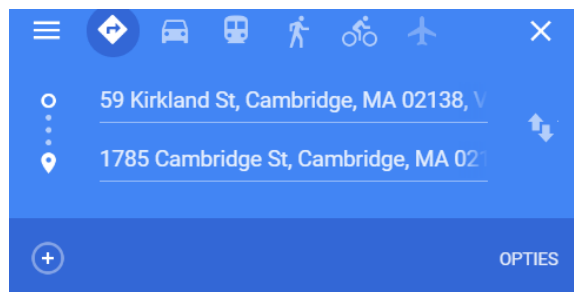


## Question 2:

Google Maps:



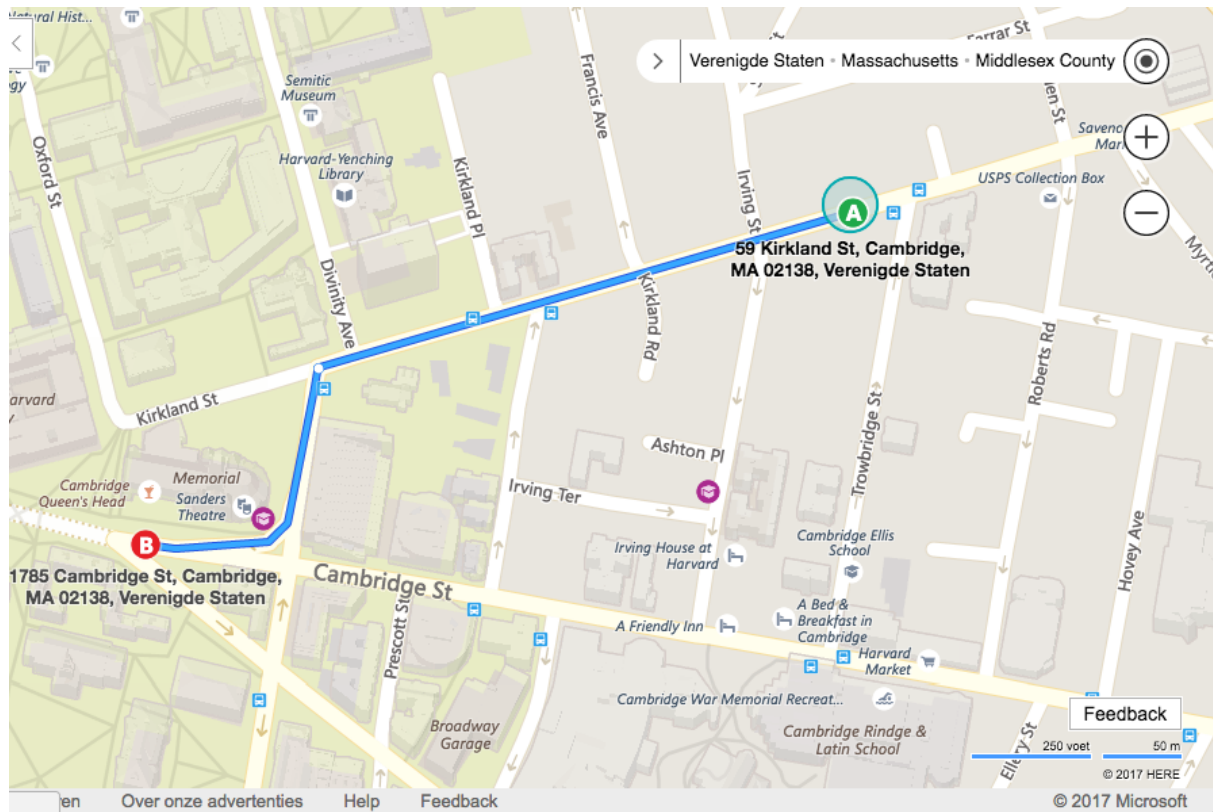
Google maps gives you multiple options for the same journey and displays the projected time and distance. It also gives you the option to select different forms of transportation as seen below:



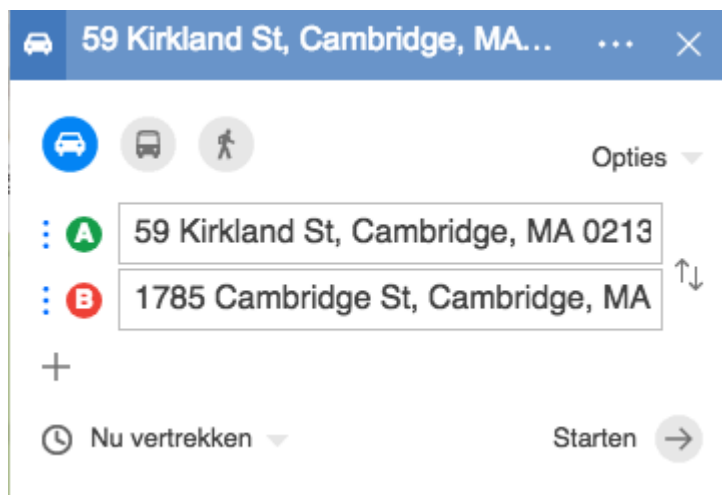
Routebeschrijving verzenden naar je telefoon

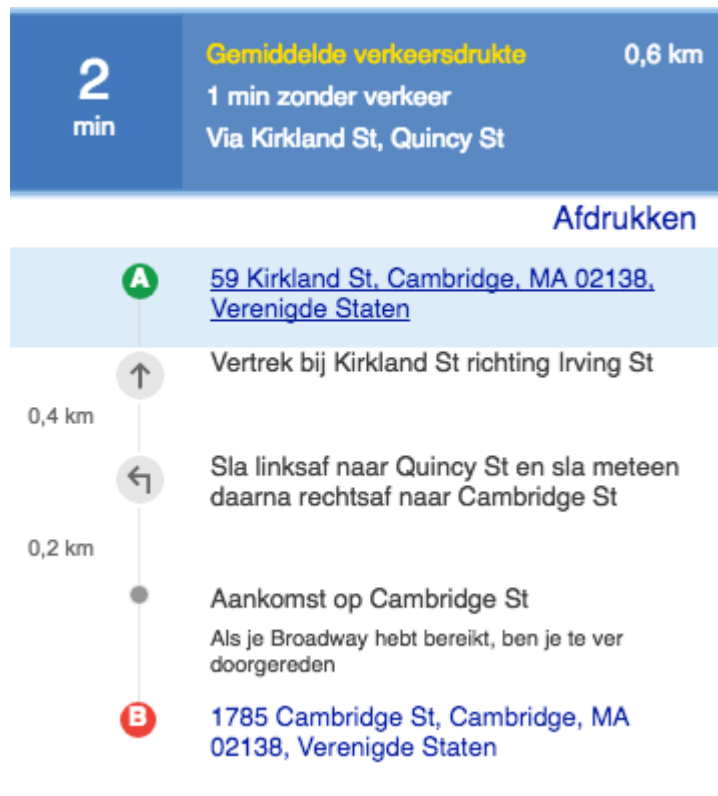
	via Kirkland St	7 min. 0,3 mijl
	<a href="#">DETAILS</a>	
	via Kirkland St, Sumner Rd en Cambridge St	8 min. 0,4 mijl
	via Irving St en Cambridge St	9 min. 0,4 mijl

Bing maps:



Route details:





The overall better routing map is Google maps because it visualises multiple routes within the map and gives you more options of transportation to choose from.

### Question 3:

At first glance, Google Maps uses clearer colors. The colors used in Bing Maps are more transparent and are harder to distinguish. In Google Maps for example, the color of woods or grasslands is a deeper green than in Bing Maps.

In google maps, you can click on the place names and immediately information about that place shows up and you can choose options for that place concerning routes. In Bing this option is not present. Also, when you want to look up routes over a long distance, for example from the United States to Sri Lanka, Bing cannot look up the route. Google Maps is able to do this however.

Based on the previous assessments the overall better and more complete maps option is Google maps because it gives the user more options for routing. Visualising the environment and buildings is comparable in both search engines.