

# USER MANUAL

PROJECT: TRAFFIC CAMERA IMAGE ANALYSIS

CLIENT: DPSS, CSIR

TEAM: QUADCORE PRODUCTIONS

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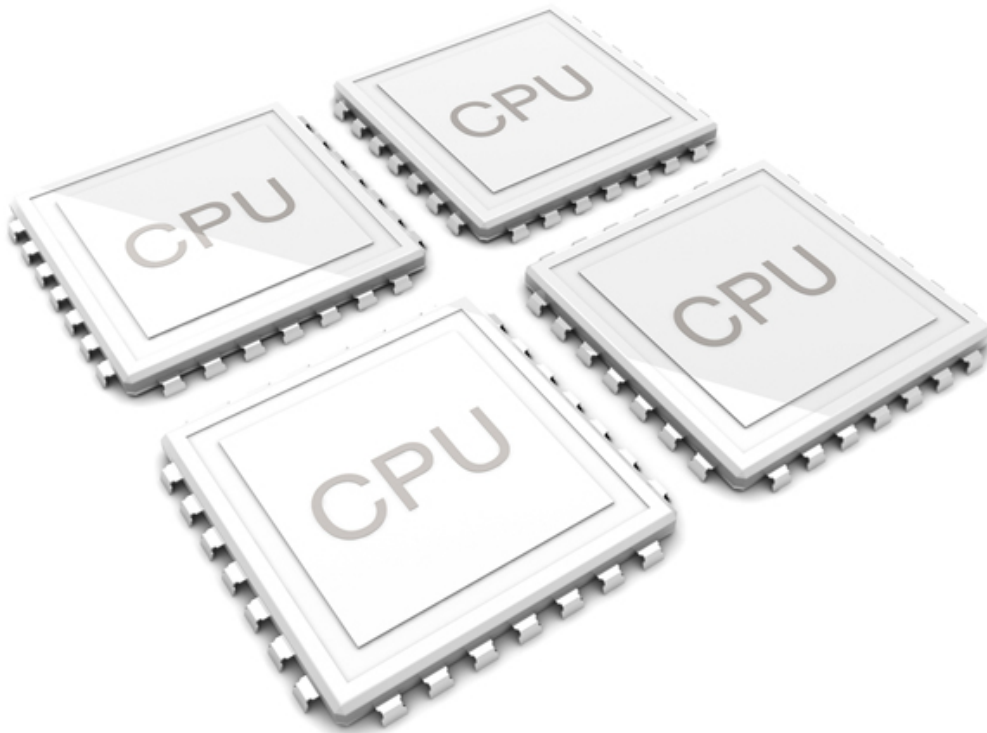
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# Traffic 411

ANDROID APPLICATION USER MANUAL

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Table 1: Version History

Version No.	Date	Changes	By
1	29 July 2016	Application Installation, Application Use	Mpho Baloyi, Hlengekile Jita, Moses Mayimela, Themba Mbhele
2	23 October 2016	Added Screenshots Updated Application Use	Mpho Baloyi, Hlengekile Jita, Moses Mayimela, Themba Mbhele

# 1 Application Installation

In order to install this application you will need the following:

- An Android Device
- The Traffic 411 APK file

The Traffic 411 apk can be installed as follows:

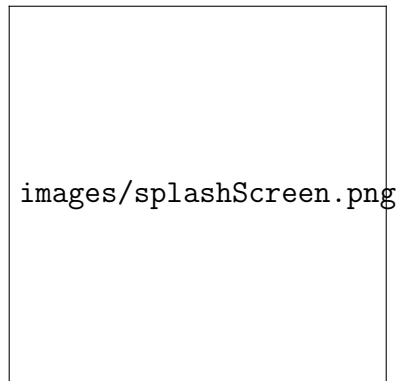
1. **Make sure that third party apps are allowed on your device**  
- Go to Menu, then go to Settings, then go to Security and check the Unknown Sources option. This allow allow applications which aren't from the play store to be installed.
2. **Place the APK file in your device**
3. **Install the application** - Select the APK file and it will install on your device

Open up the application by selecting it in your Apps window. Once opened you will get the following screen, simply touch the logo to get started.

# Traffic 411



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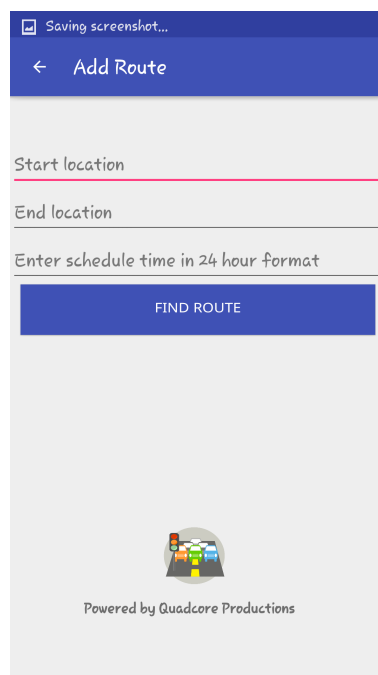


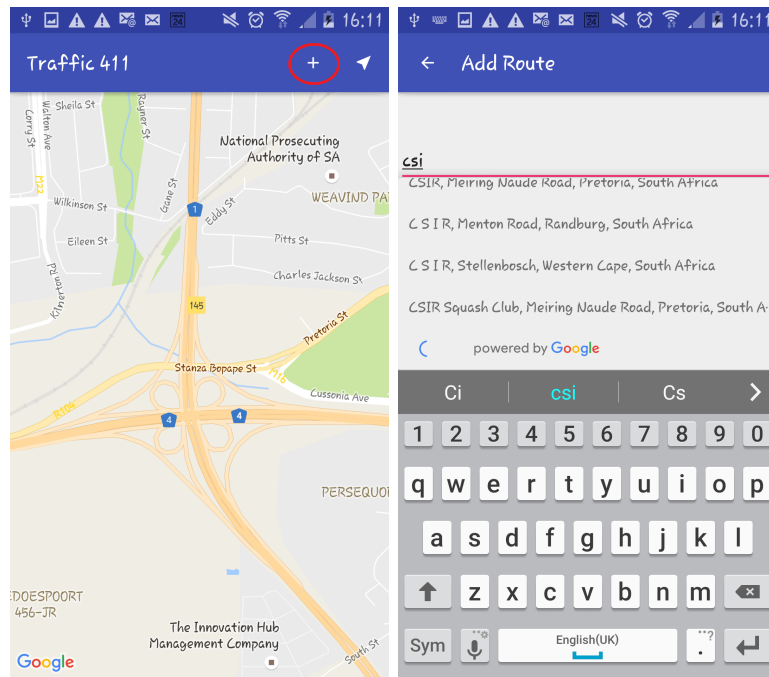
~~~~~ 4fb914f7de7a370f4cfd1de83509887d9d6942a3

## 2 Application Use

### 2.0.1 Adding a Route

The process of adding a route is as follows:

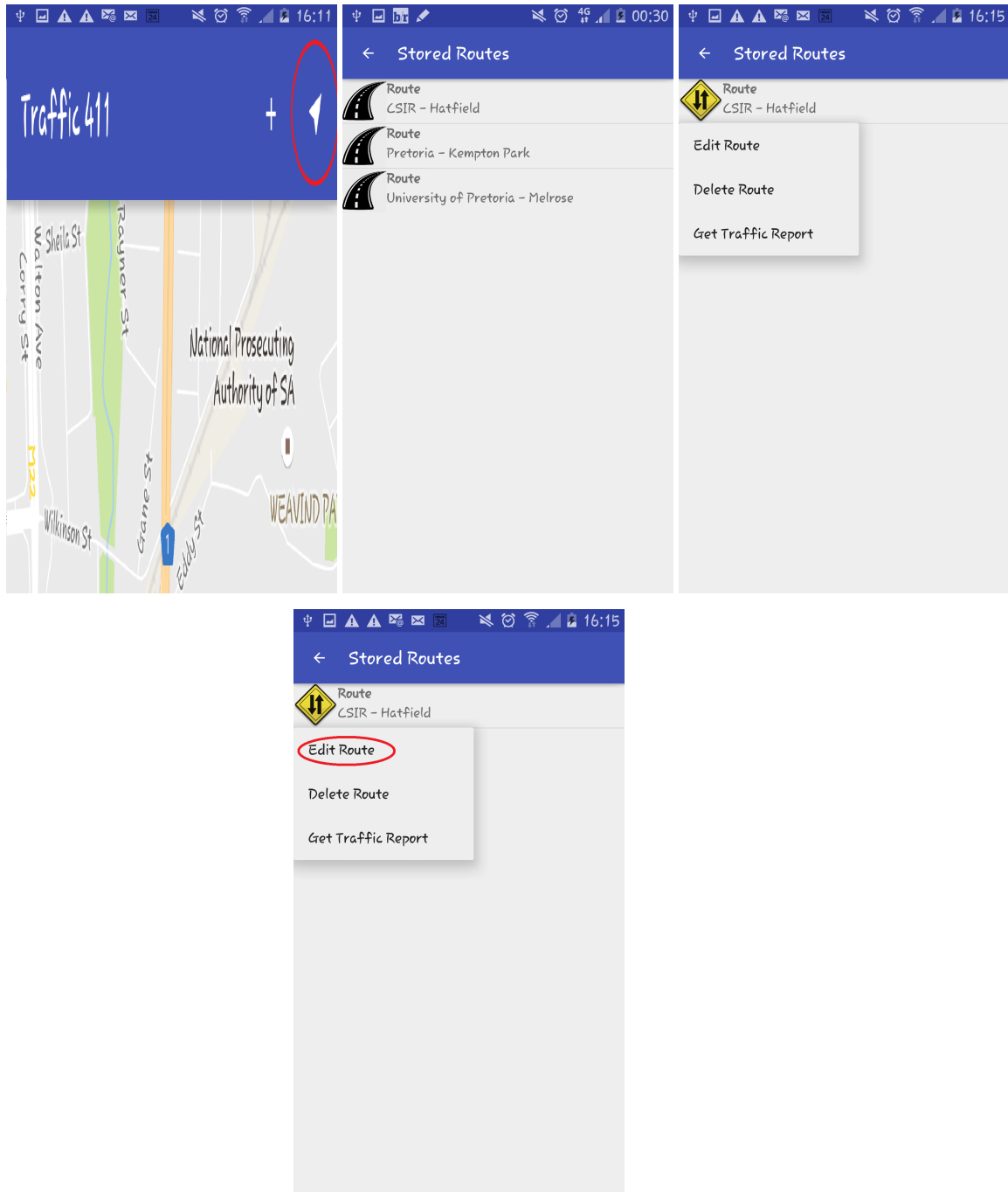




- On the application bar which is located at the top of the main screen, click on the plus icon.
- The add route screen appears and three input fields will be displayed where you can enter a start location, an end location and the notification times. Once they have been entered, you then press the find route button and a route will be set up
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## 2.0.2 Modifying a Route



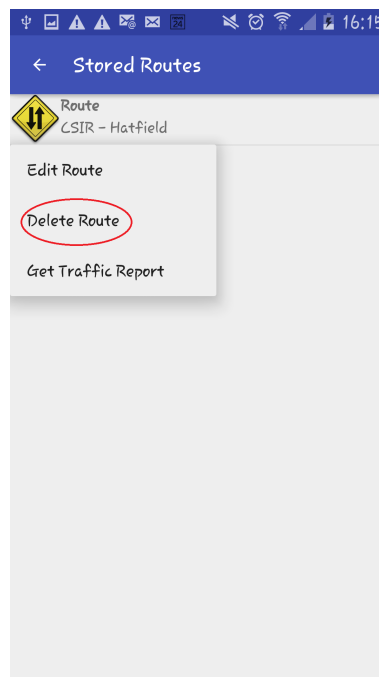
The process of deleting a route is as follows:

- First access your stored routes by clicking on the icon located at the top right corner of the application bar.

- Long click on the route you want to modify, a pop up menu with a list of options will appear.
- Click on the Edit Route option.
- Once the above step has been executed, two input fields will be displayed where you can modify either the start location ,end location, the notification times or all of them. Once they have been entered, you then press the send button and the route will be modified.

### 2.0.3 Delete a Route

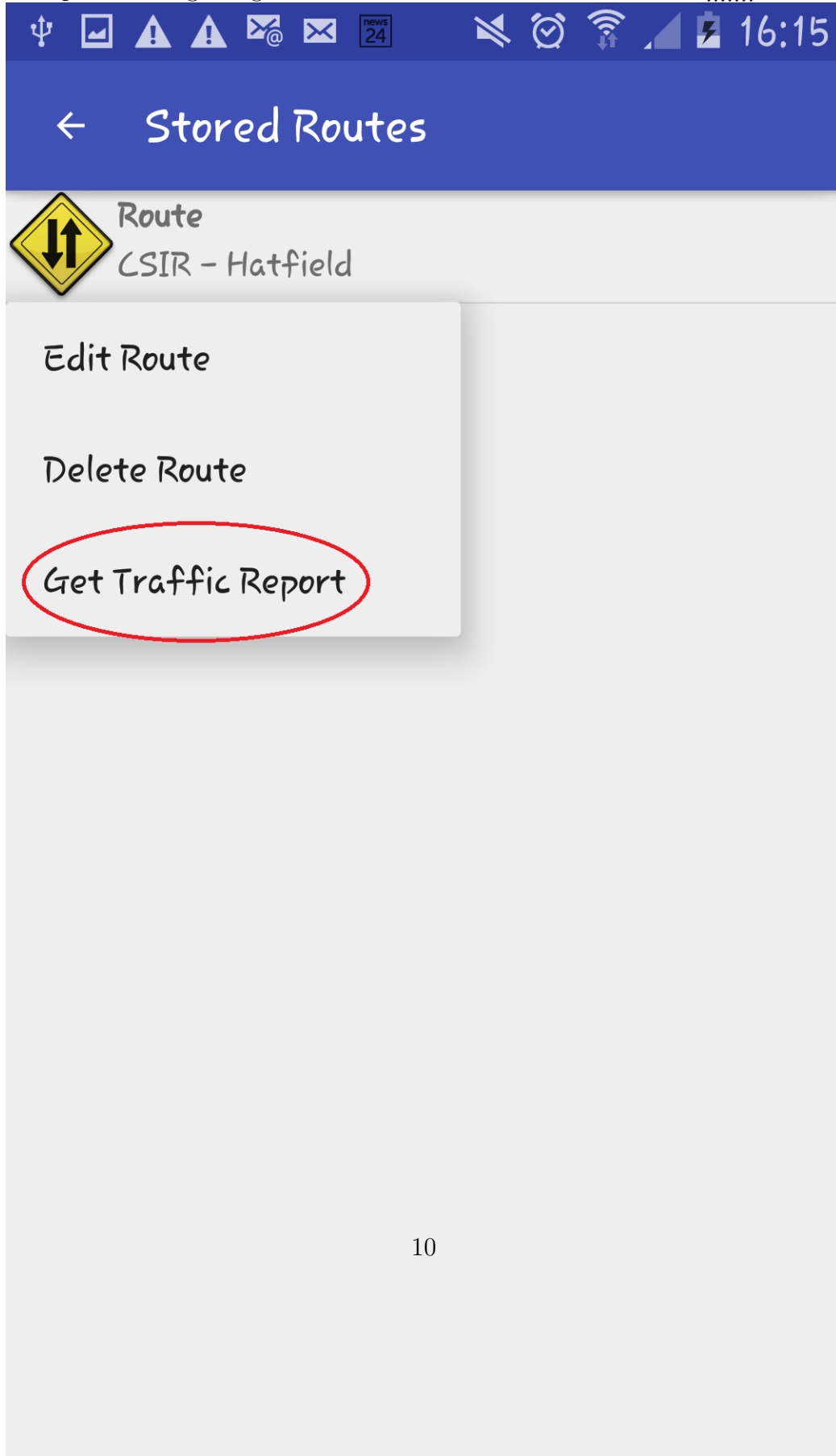
The process of deleting a route is as follows:



- First access your stored routes by clicking on the icon located at the top right corner of the application bar.
- Long click on the route you want to delete, a pop up menu with a list of options will appear.
- Click on the Delete Route option.

#### 2.0.4 Get Traffic Information

The process of getting the traffic information is as follows: `iiiiii HEAD`



## Traffic Update

0.4 km after Ramp to Olifantsfontein I/C, Stationary vehicle

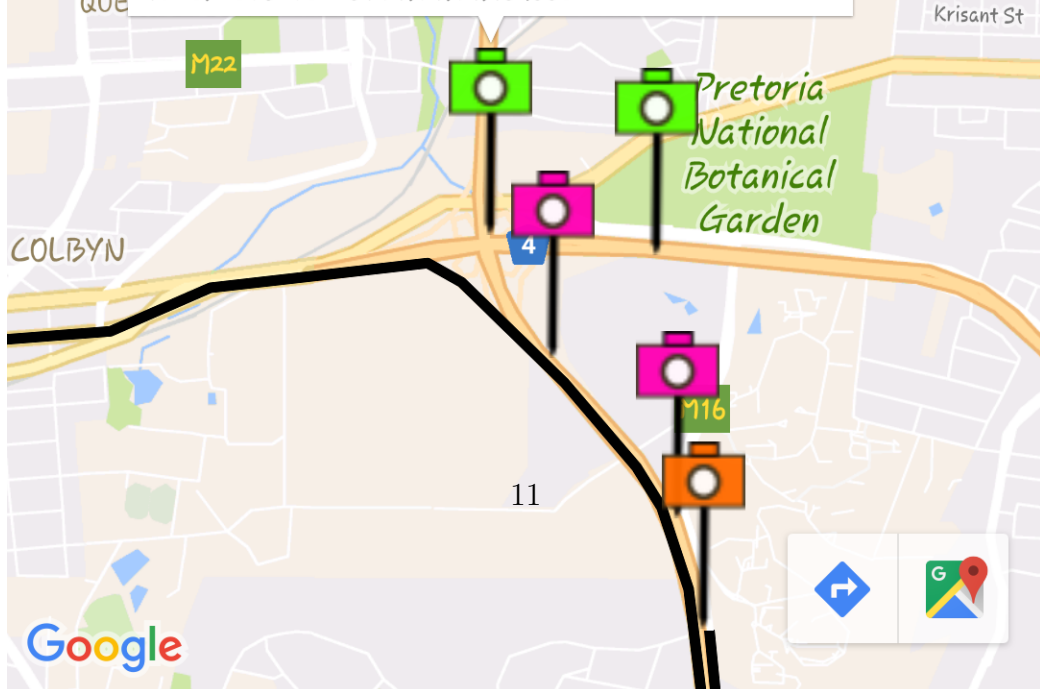
1 = Very low 2 = low 3 = Moderate 4 = High 5 = Very high



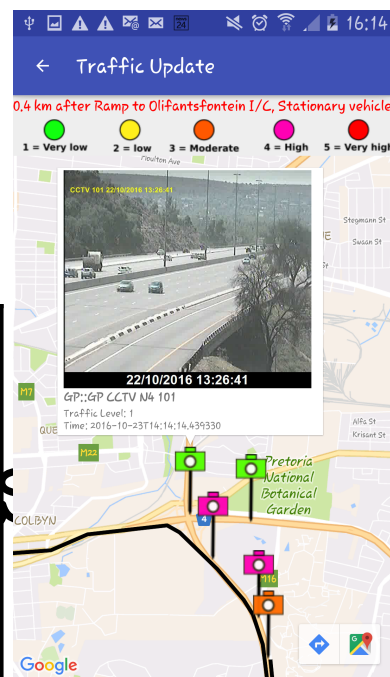
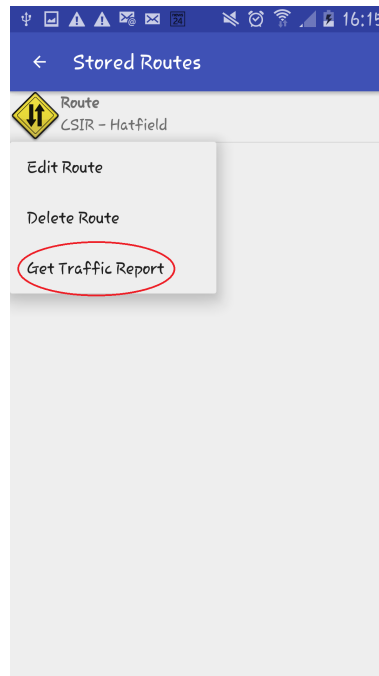
GP::GP CCTV N4 101

Traffic Level: 1

Time: 2016-10-23T14:14:14.439330



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ficRepo

4fb914f7de7a370f4cfd1de83509887d9d6942a3

- First access your stored routes by clicking on the icon located at the top right corner of the application bar.

- Long click on the route for which you require traffic information for., a pop up menu with a list of options will appear.
- Click on the Get Traffic Report option.
- The traffic update screen will appear, displaying the different traffic level scales at the top , a map showing the different traffic levels on your route.
- To view the live images of the traffic, click on the camera icons displayed on the map.