



## COMPANION

mockups for final  
feature design

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Section D103



I Feel Nervous



Call Police

## Introducing the Feature

calculate escape route button

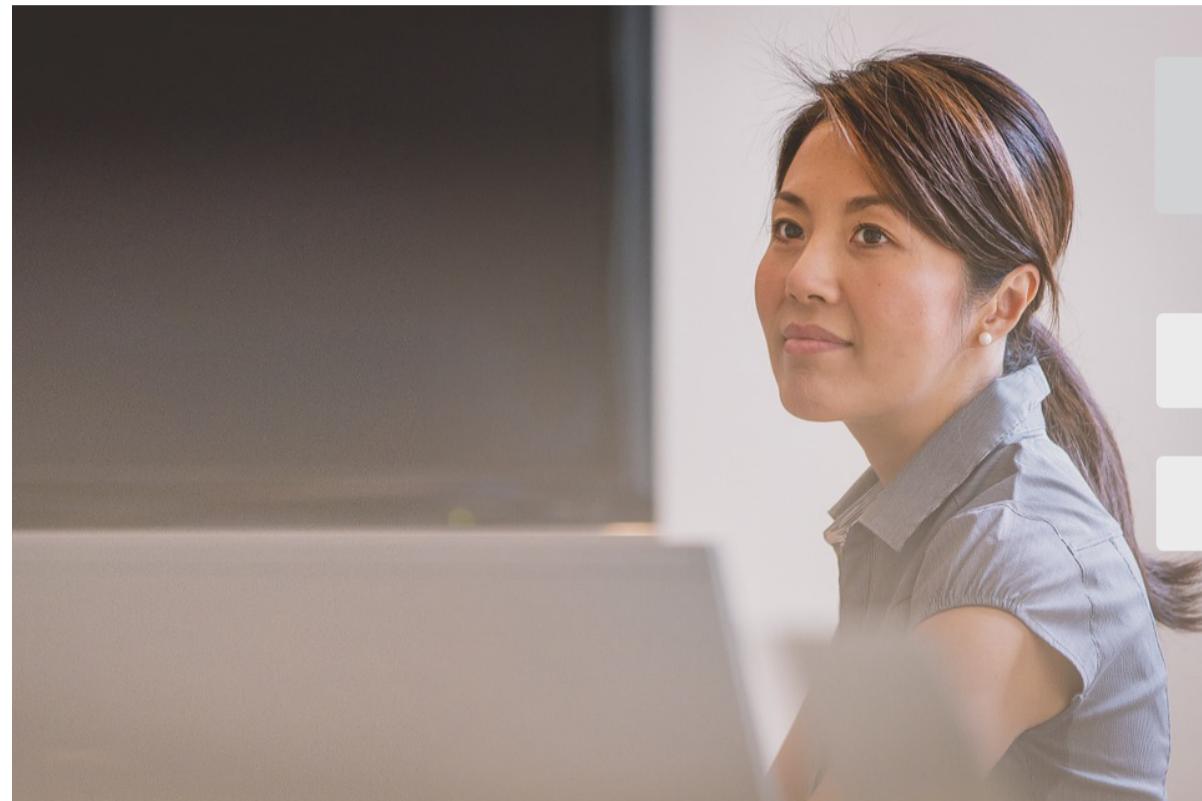
Utilizing Google Maps Directions, this feature calculates possible escape routes for the user if they wish to avoid obstacles like traffic or suspicious individuals. Through this, before starting and during their trip, the user can take the most convenient route based on current road conditions.

### Main features:

- Map can be enlarged and minimized throughout trip by pinch gestures
- Escape route can be selected on the map
- Police stations are highlighted on the map as possible escape routes
- Step-by-step directions are displayed to user during their trip
- Alternatively, user can also view the full directions while still being able to access main UI

## Persona

targeted user



### ANGELINA

Gender: Female

Age: 32

Angelina is single working professional, she lives alone, and commutes by car.

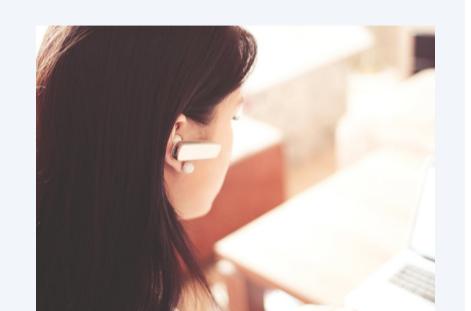
**“When I’m driving, I can’t be texting and pressing buttons on the phone, so if I need help I would just call someone instead.”**

#### Goals:

- Know traffic information before heading out and using the application.
- Know alternate/escape routes when there's traffic or trouble.

#### Needs:

- Direct and easy to understand buttons and labels to know her actions in a system.
- Minimize using external applications like Google to search up destination and adding a new companion without adding to phone's internal contacts.



Occupation

#### Skills:

As a working professional, she has no time on her hands to become proficient at new technologies and wants to depend on pre-existing mental models from systems she is already familiar with:

- Knowledge of using popular map applications like Google Maps
- Knowledge of iPhone gestures and interactions

#### Frustrations:

- Budget conscious - complained about battery, data usage and dependency on wifi in general.
- When driving, she takes the same route everyday, so when she takes an alternate route because of trouble, there is no way of notifying her companion without manually opening her phone.

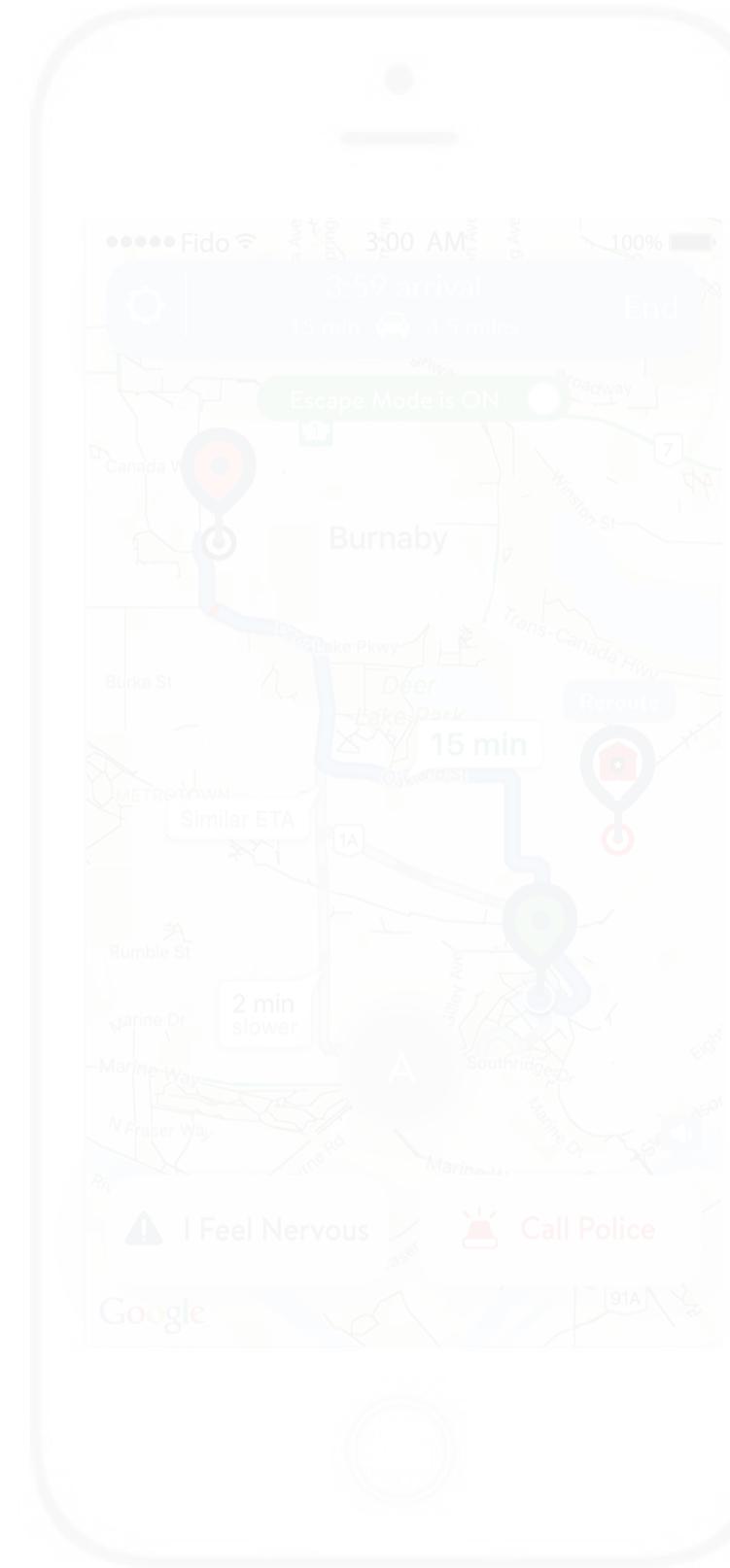
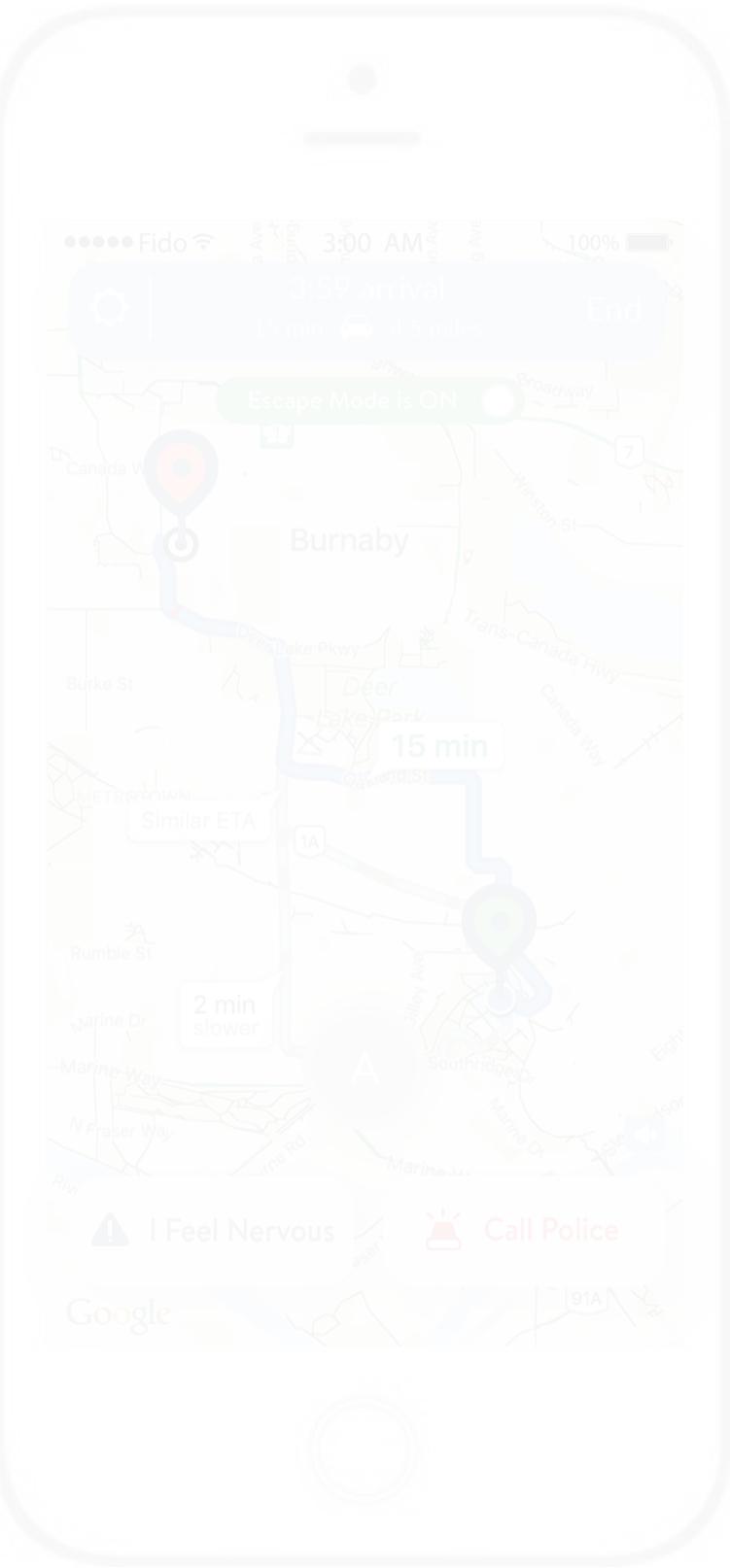
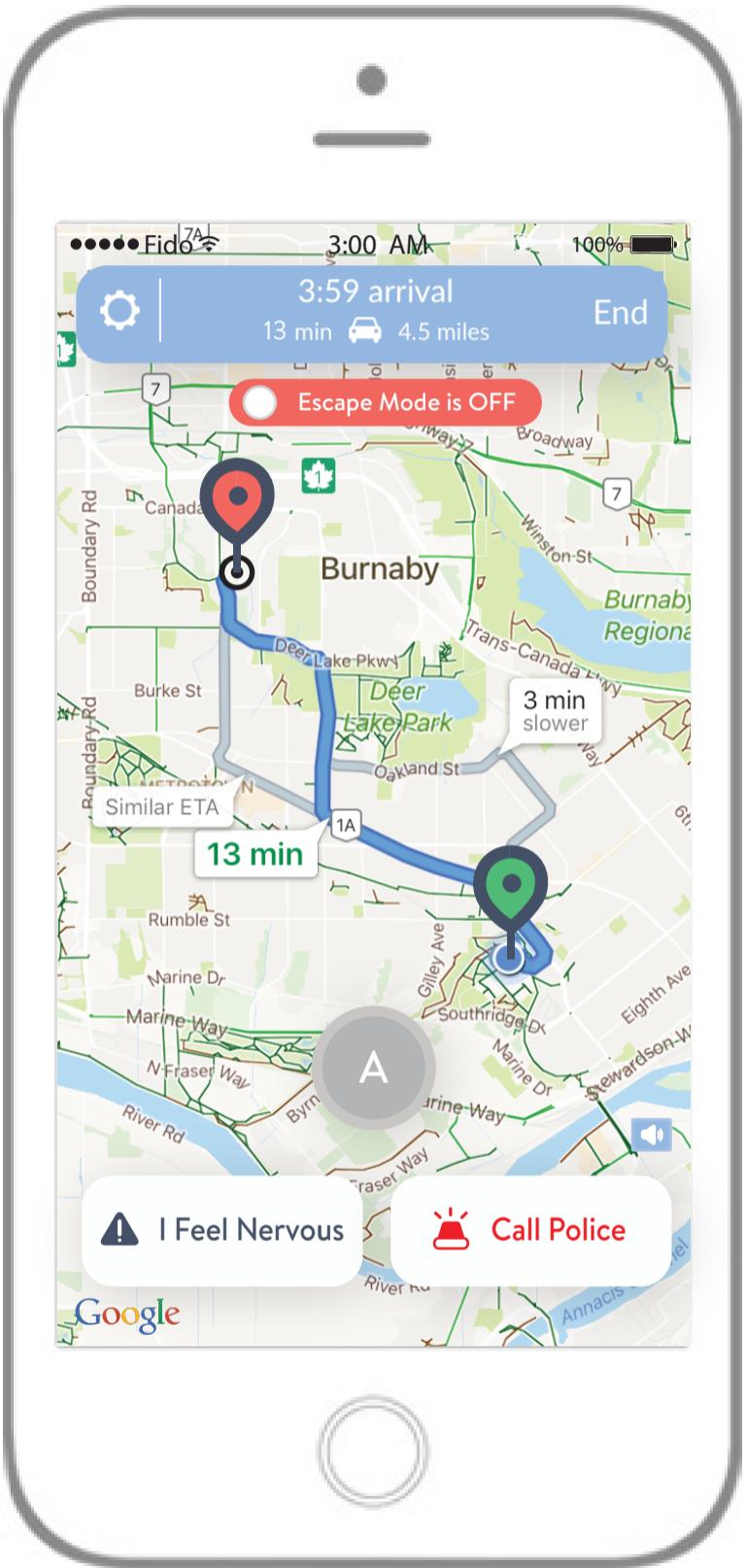


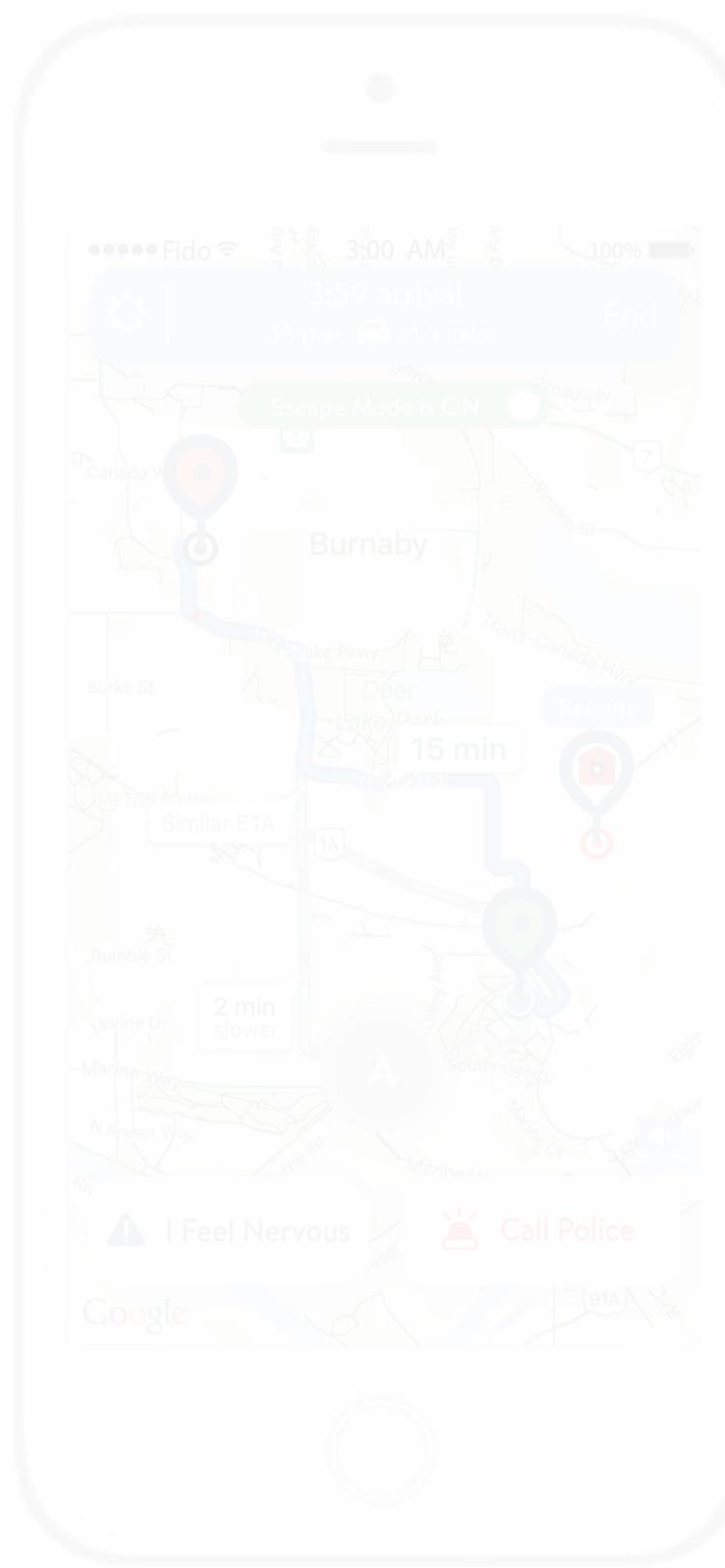
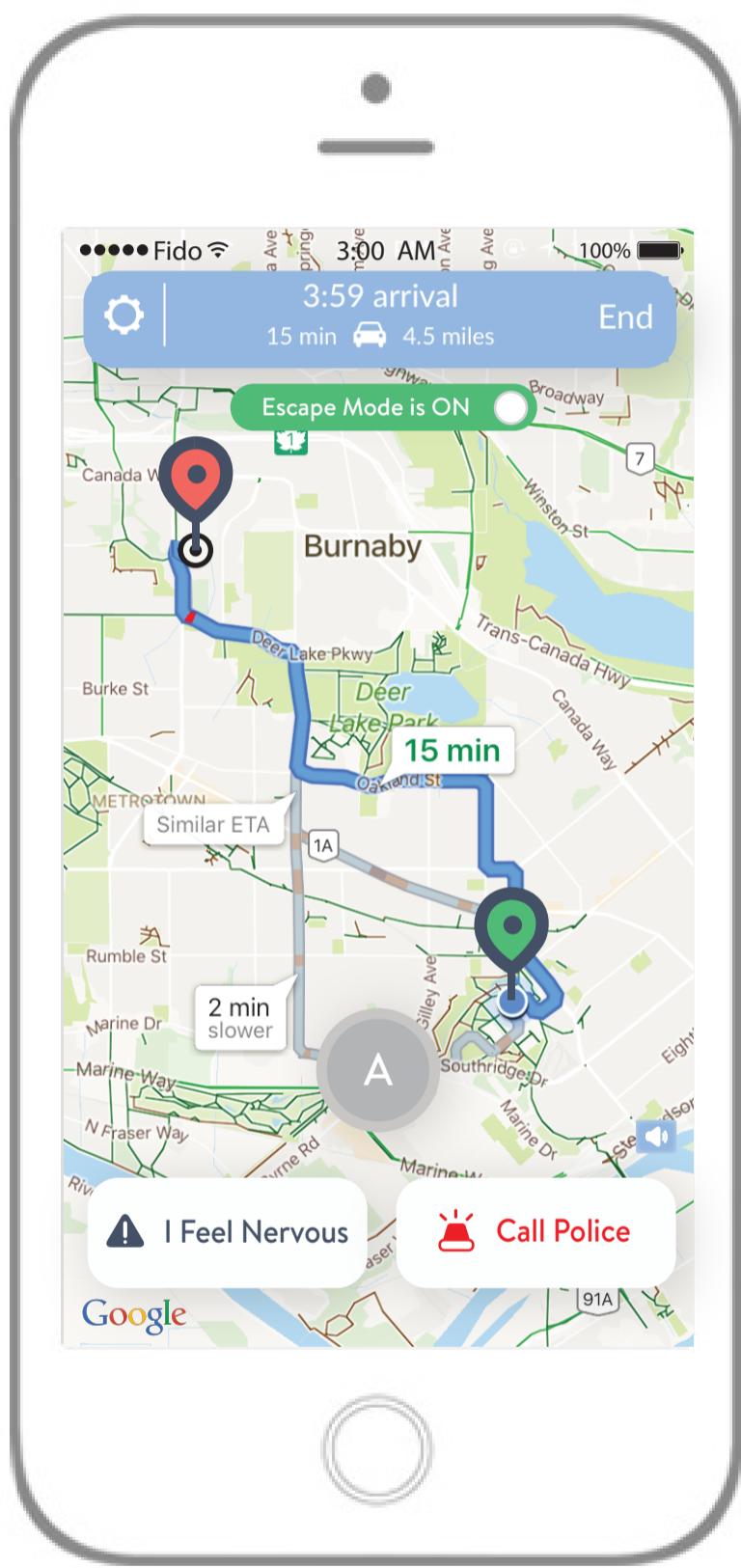
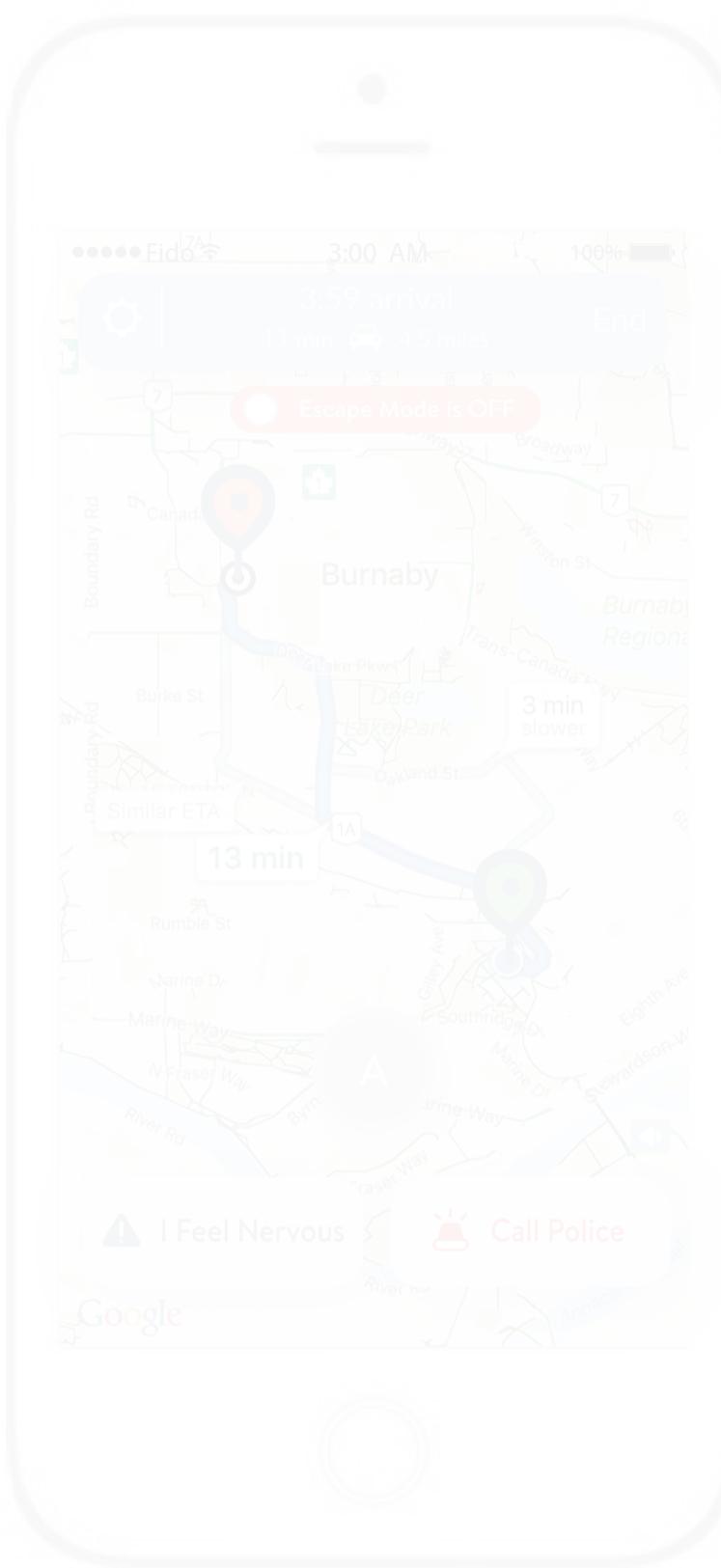
On the Way

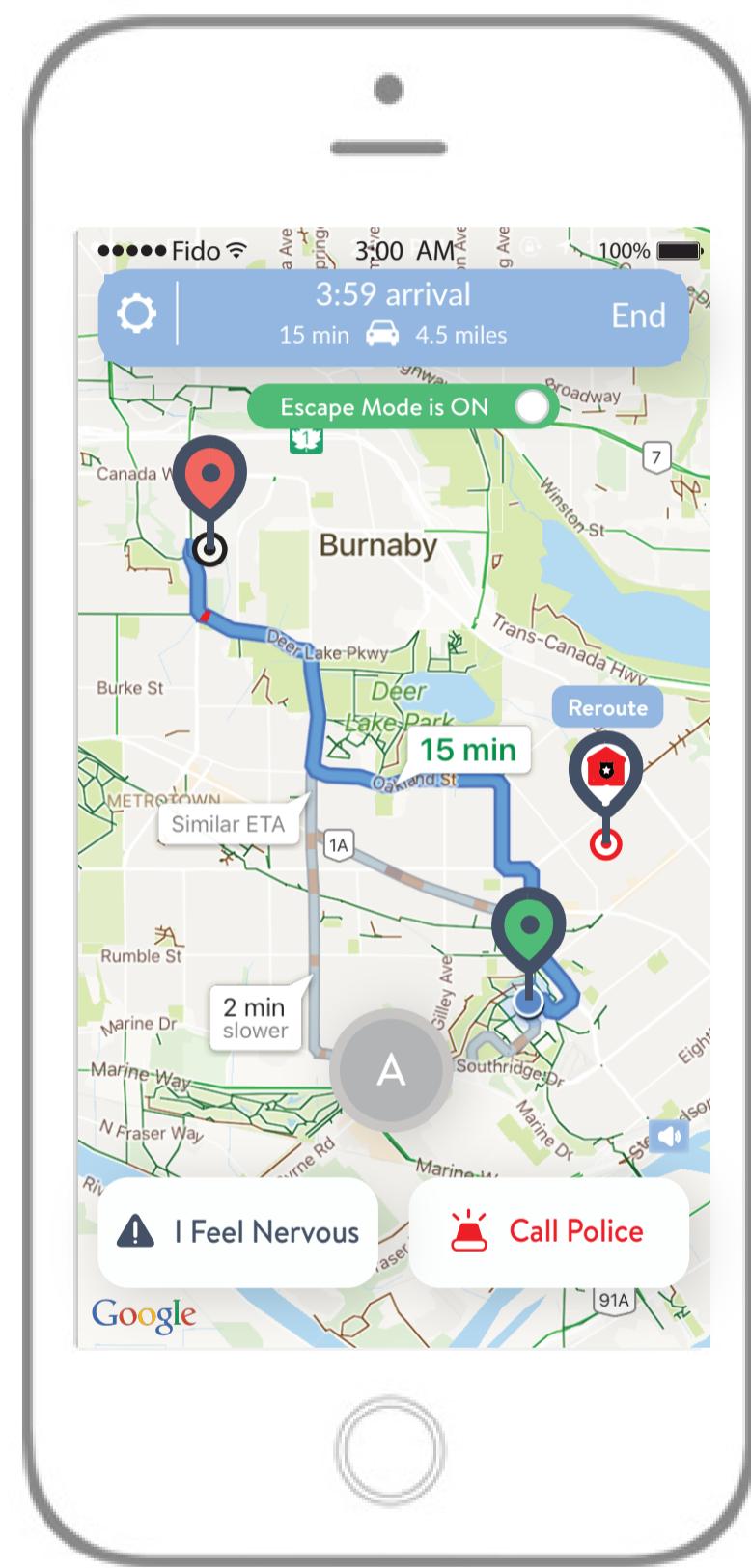


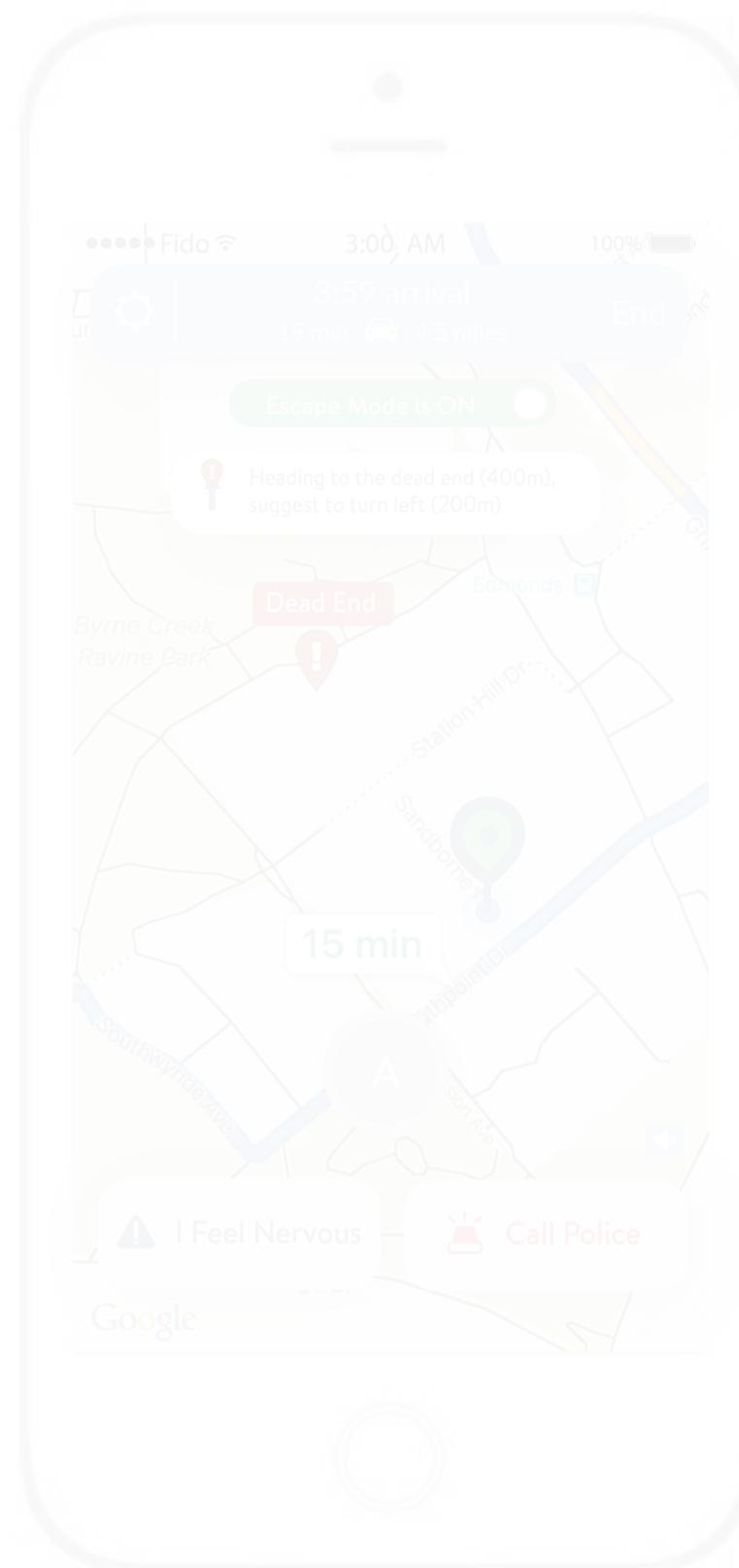
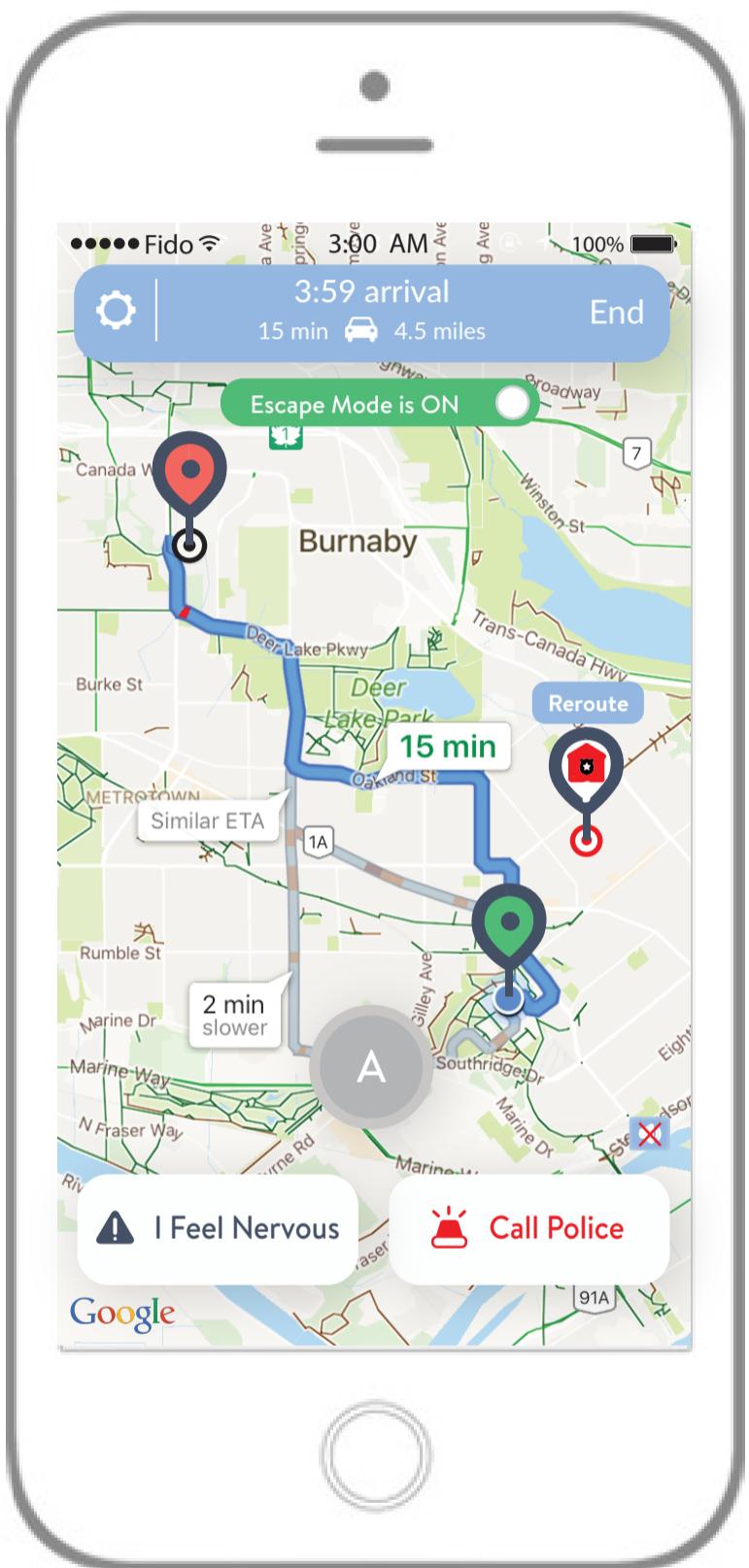
## Feature Walkthrough

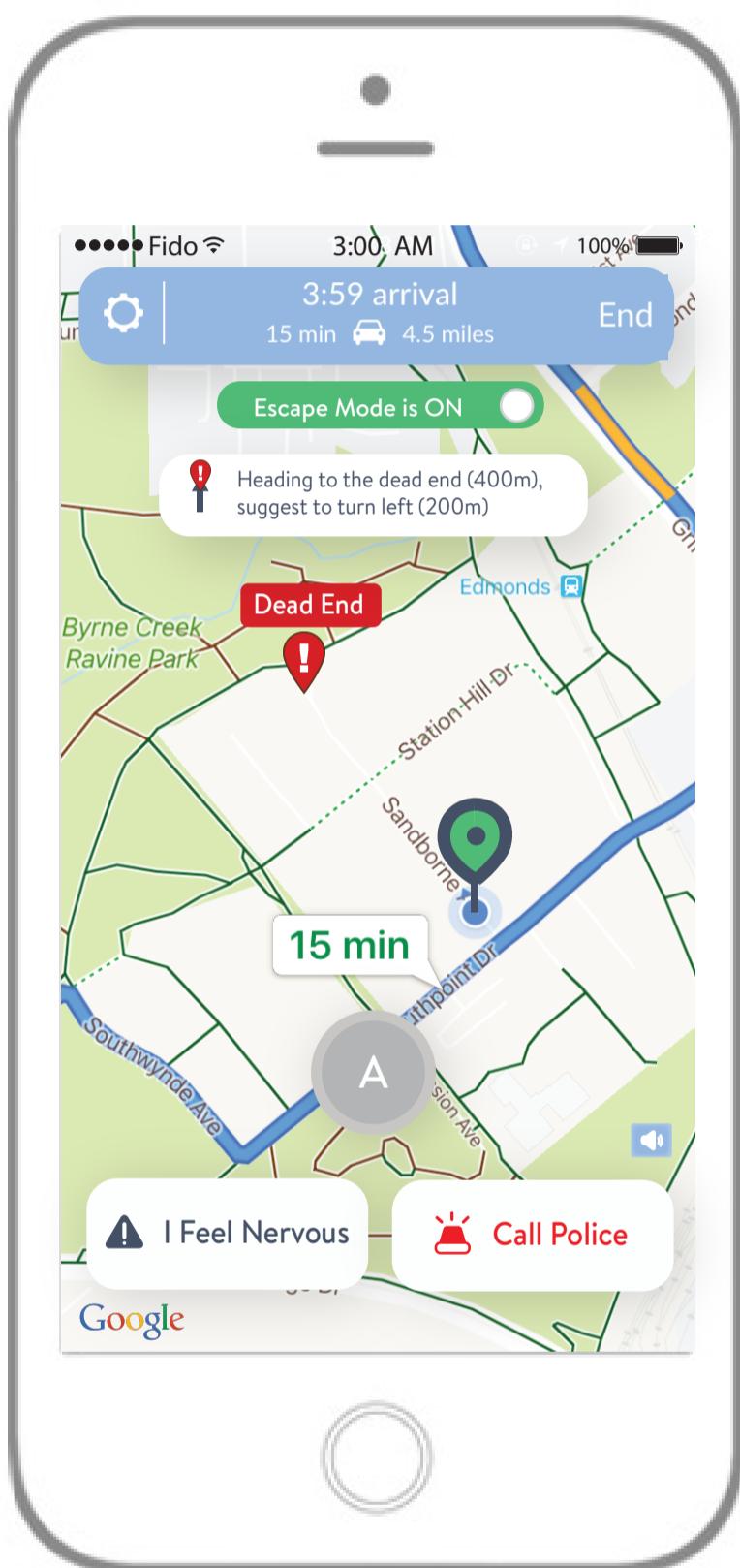
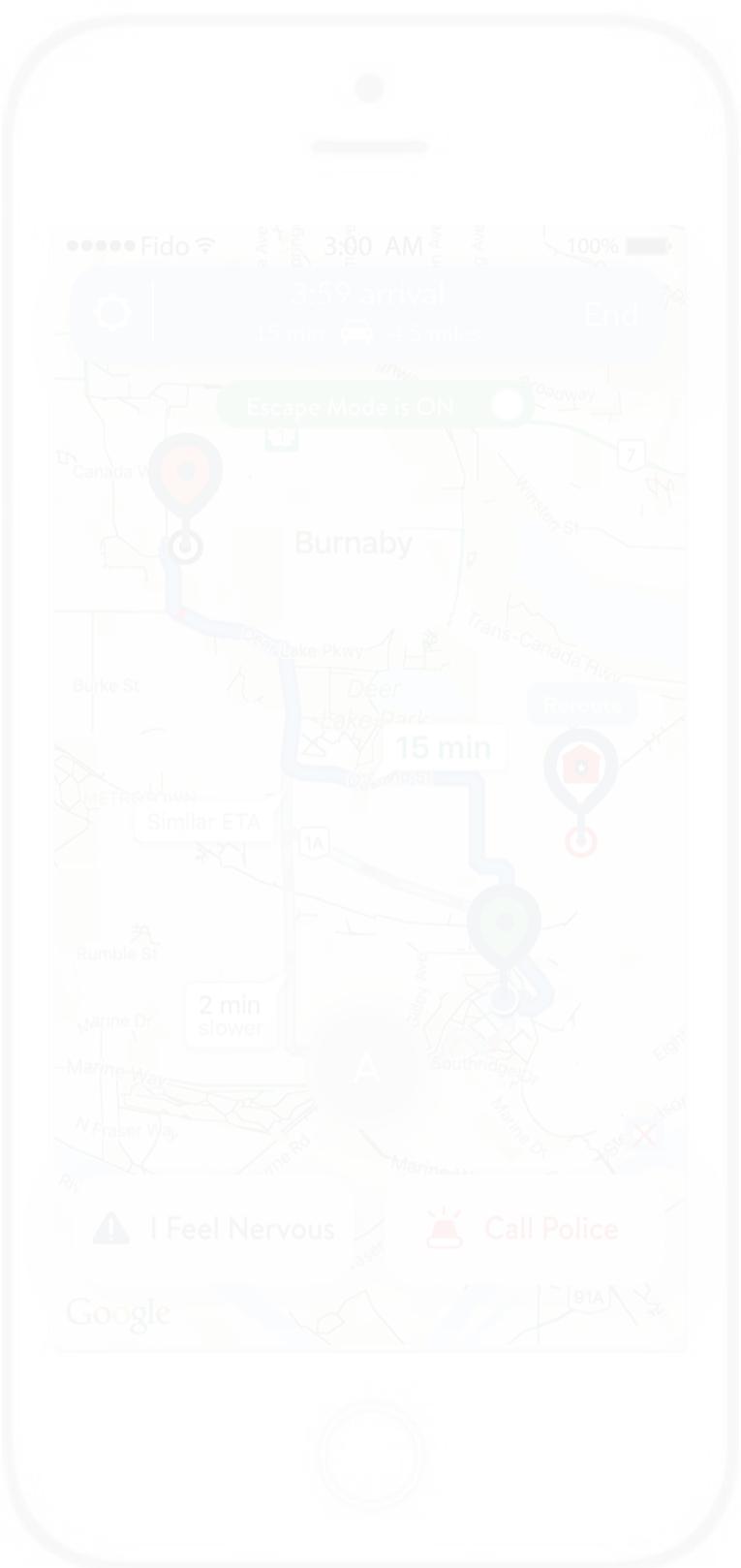
user-flow scenario

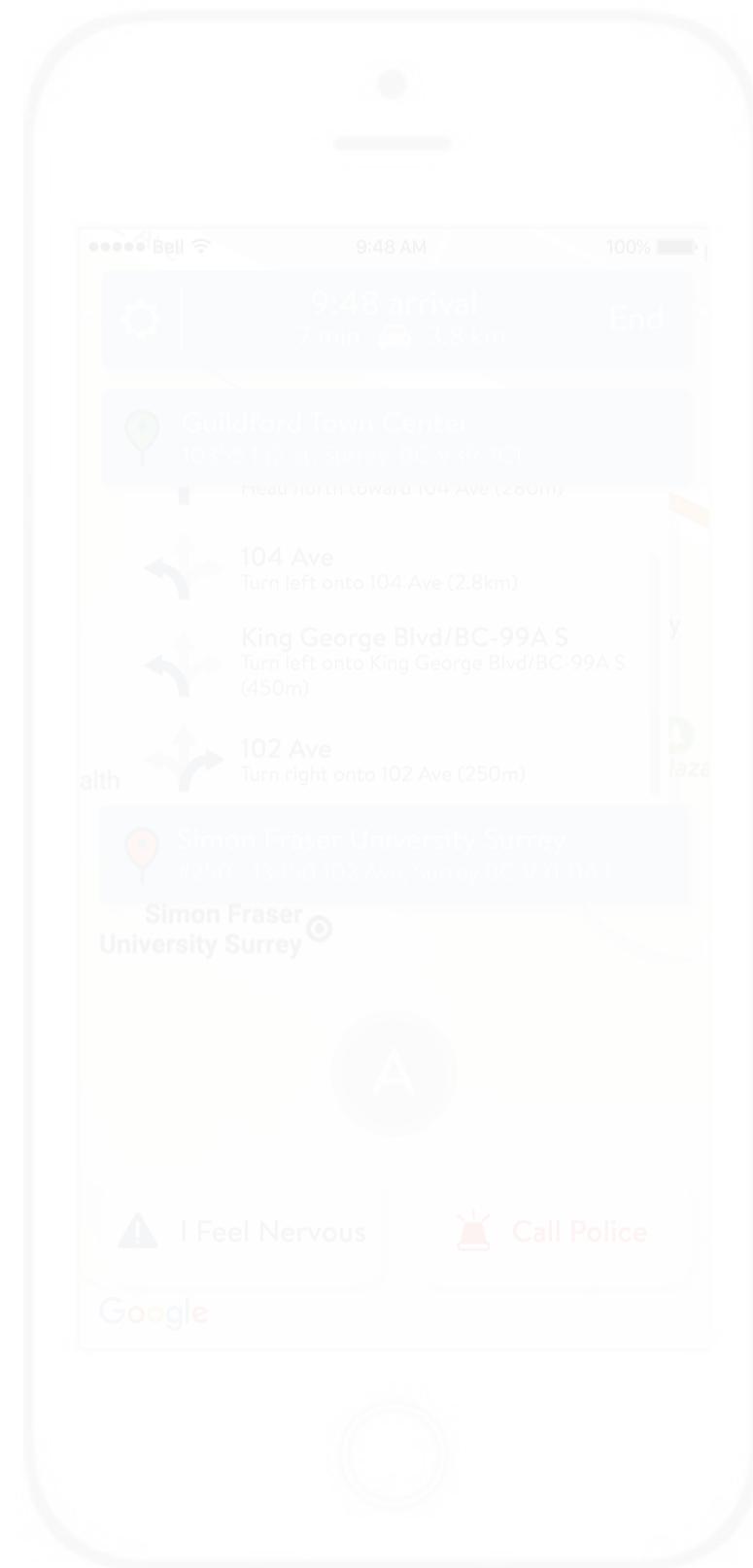
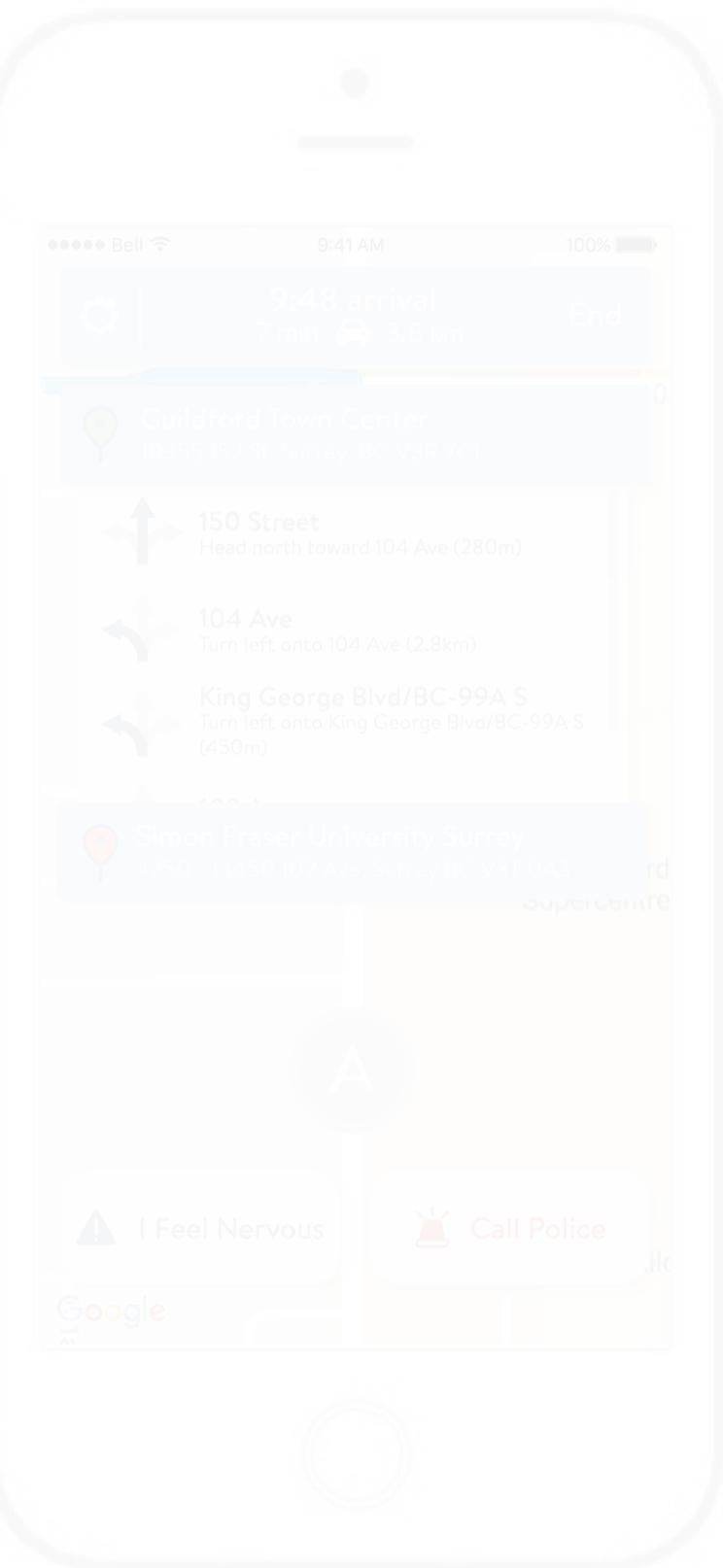
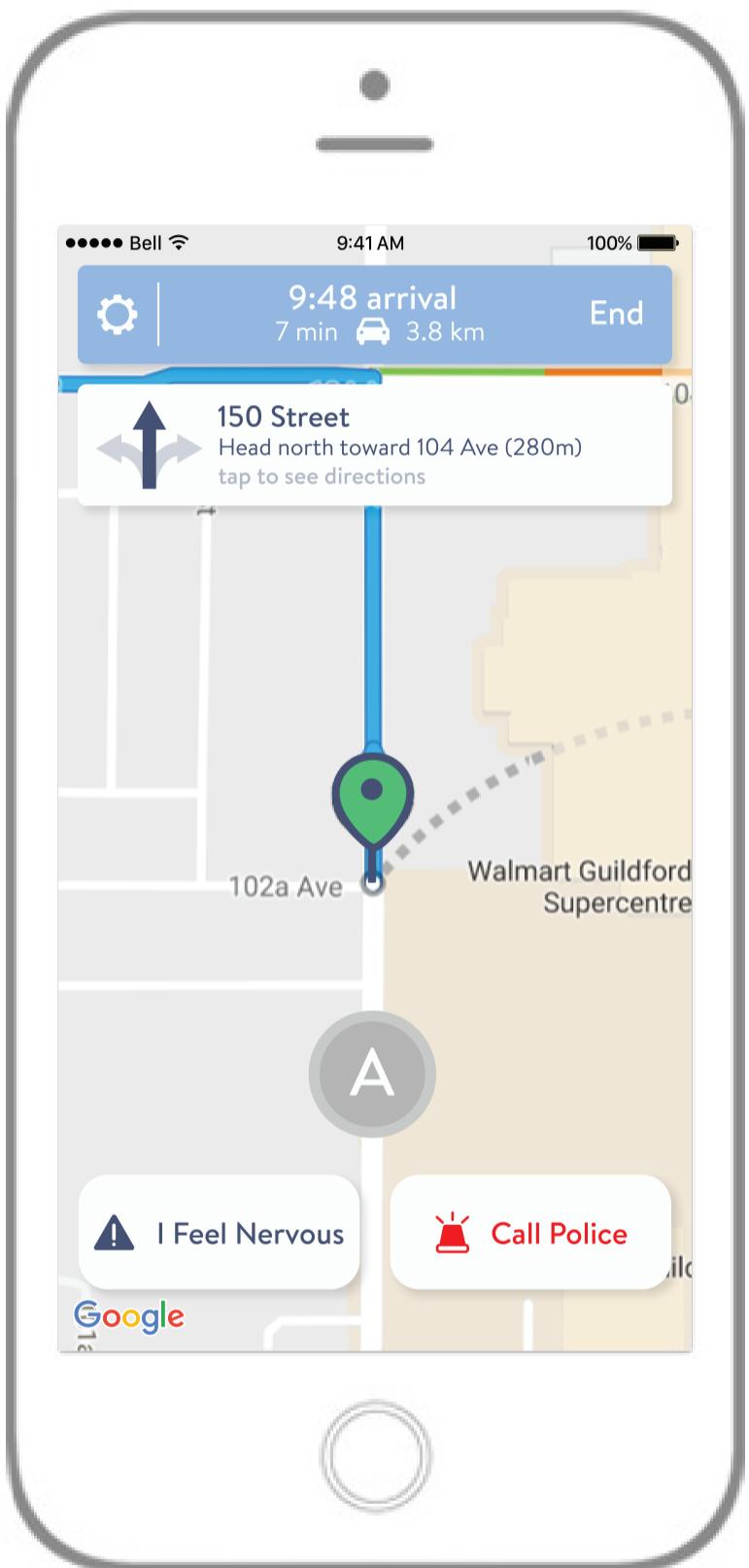


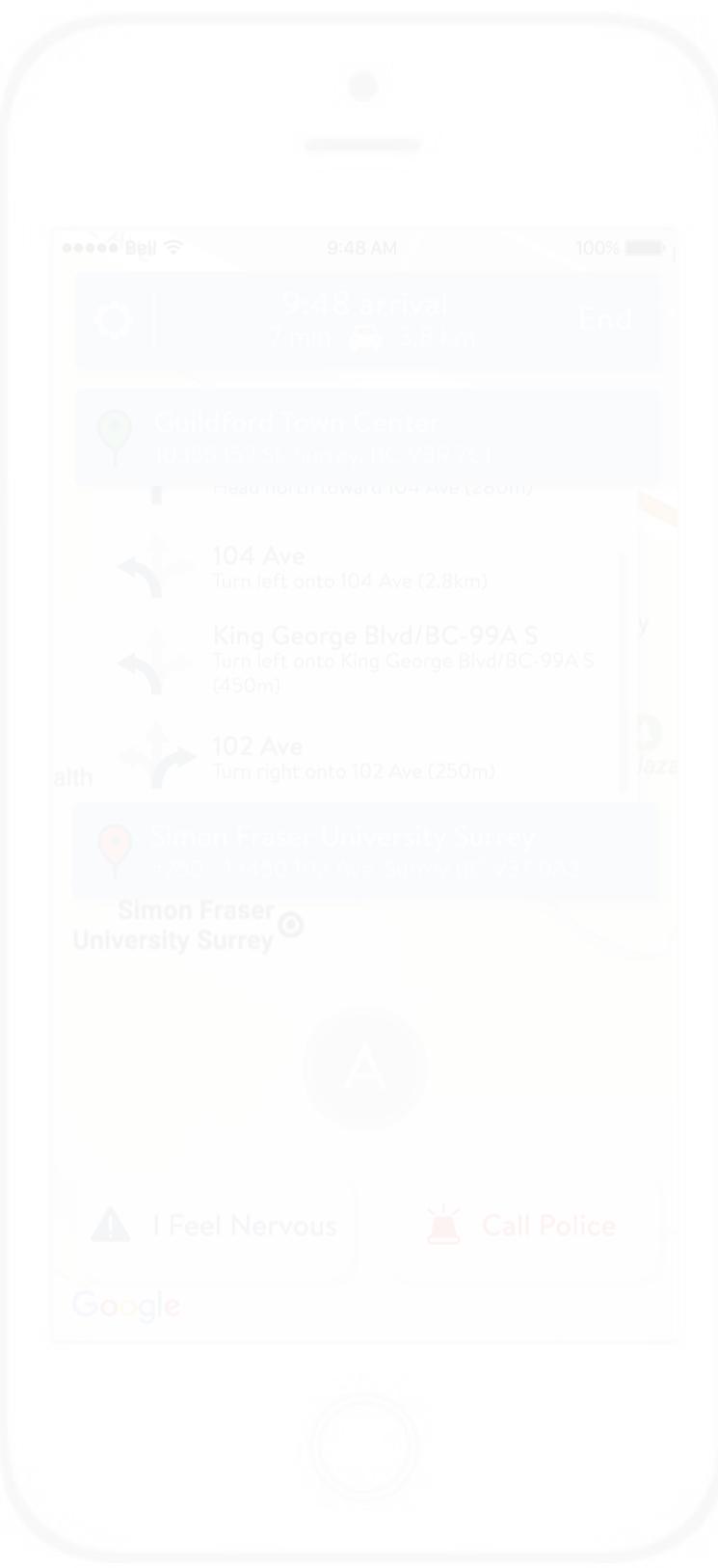
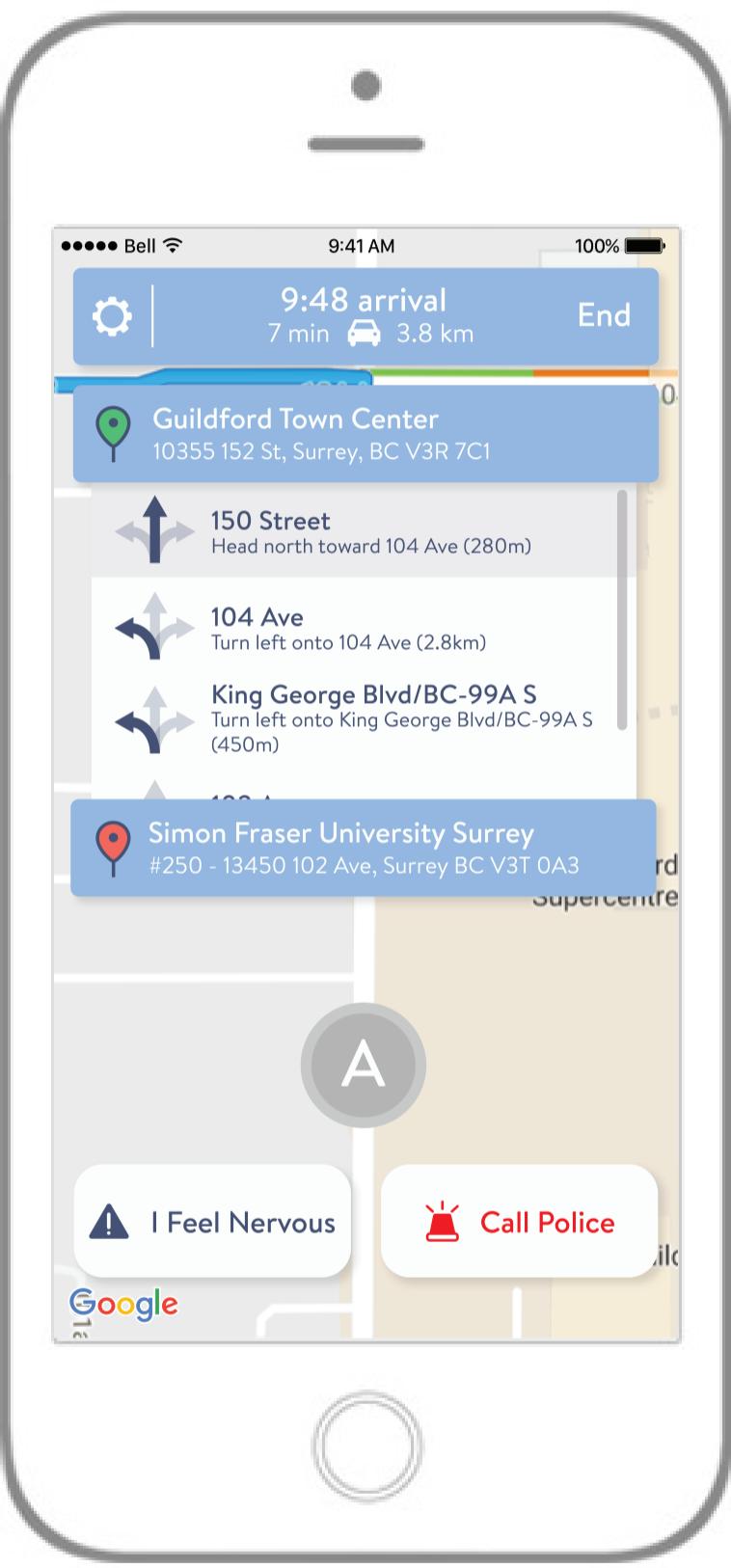


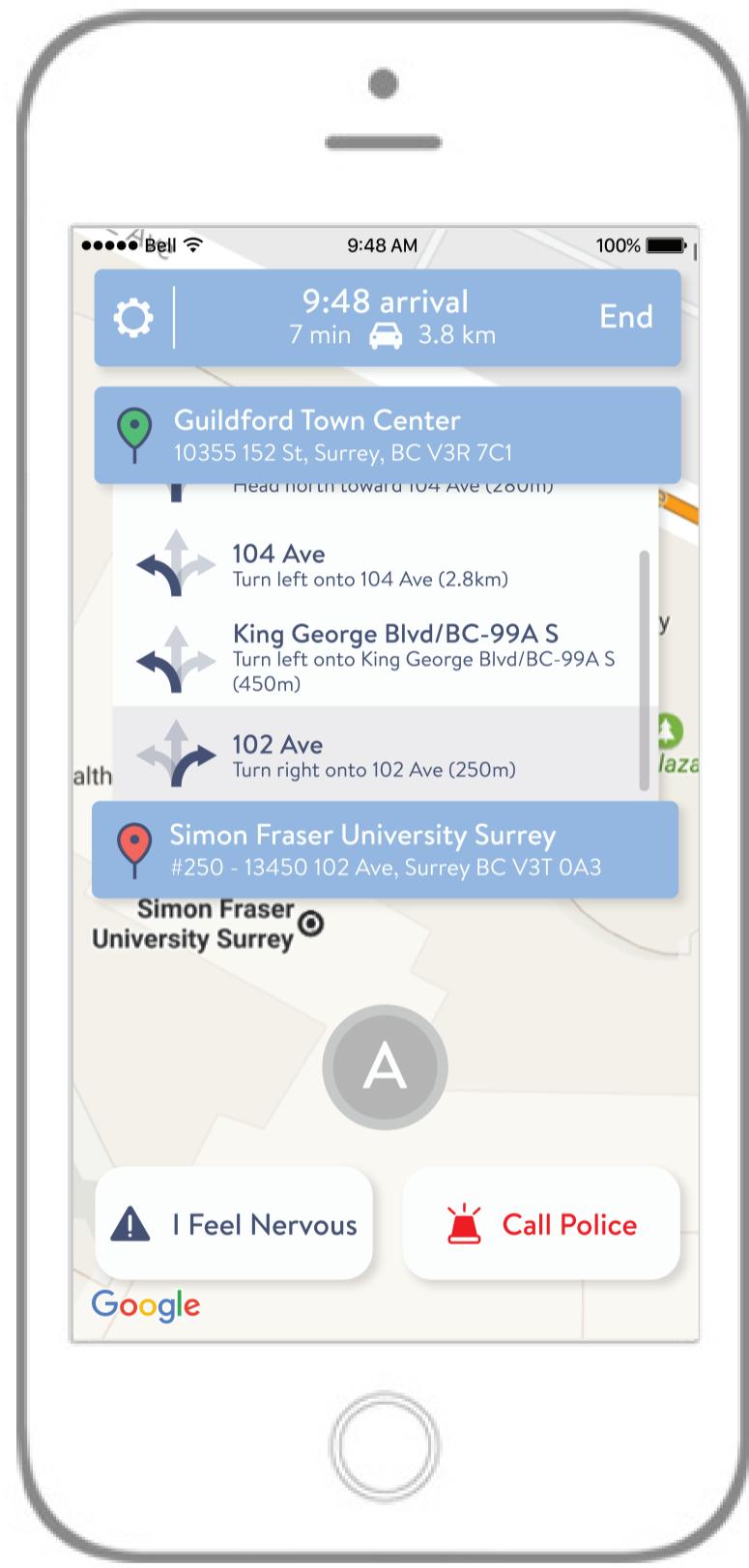
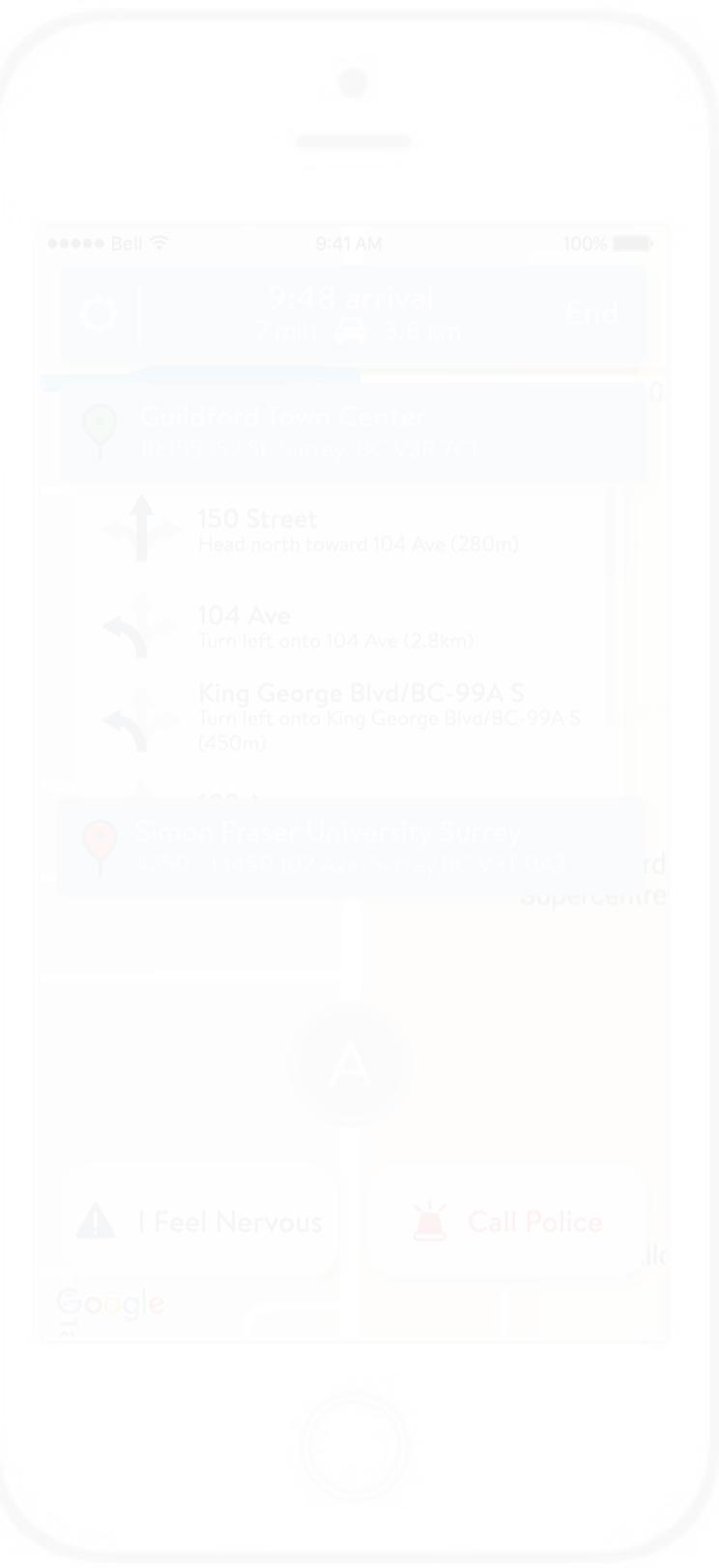


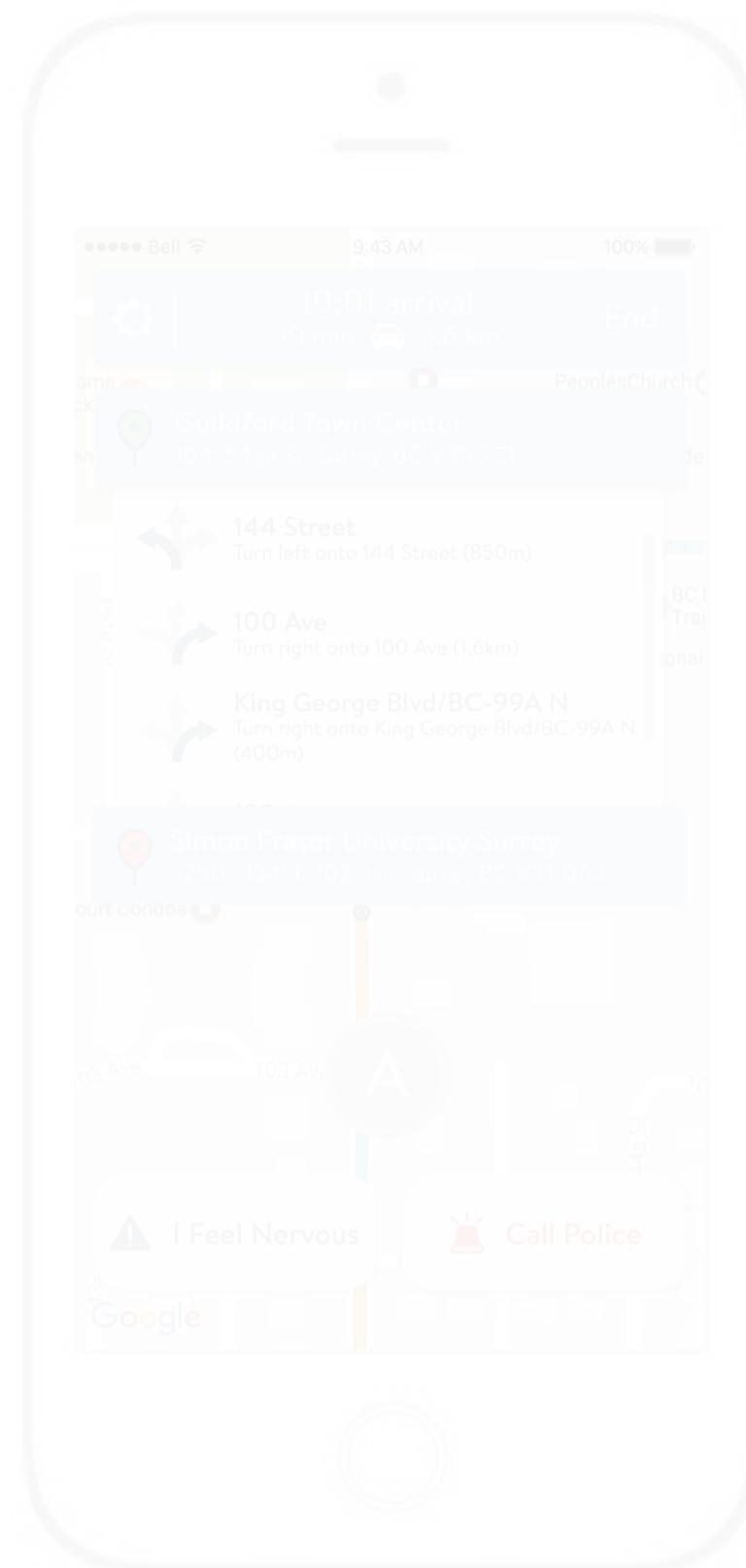
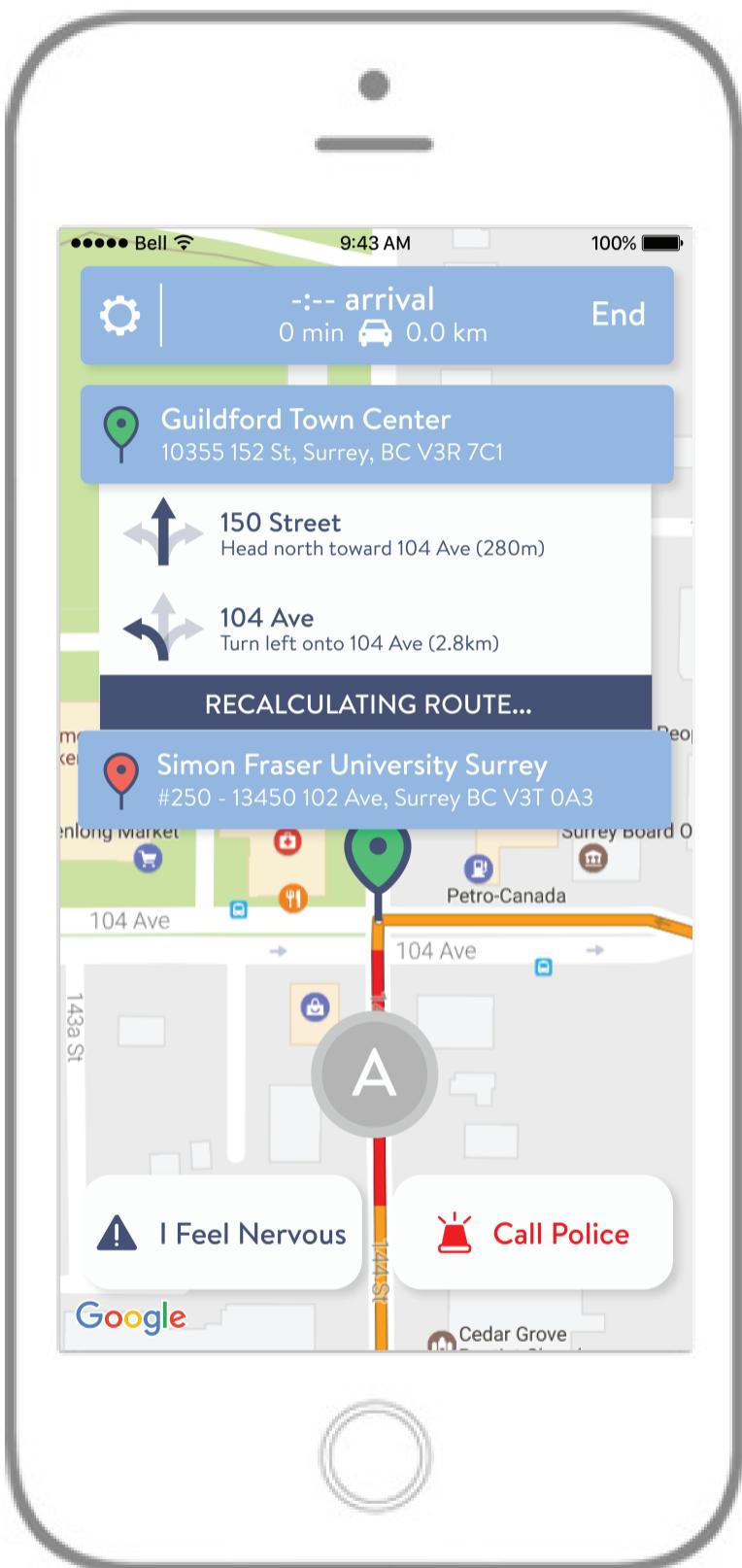


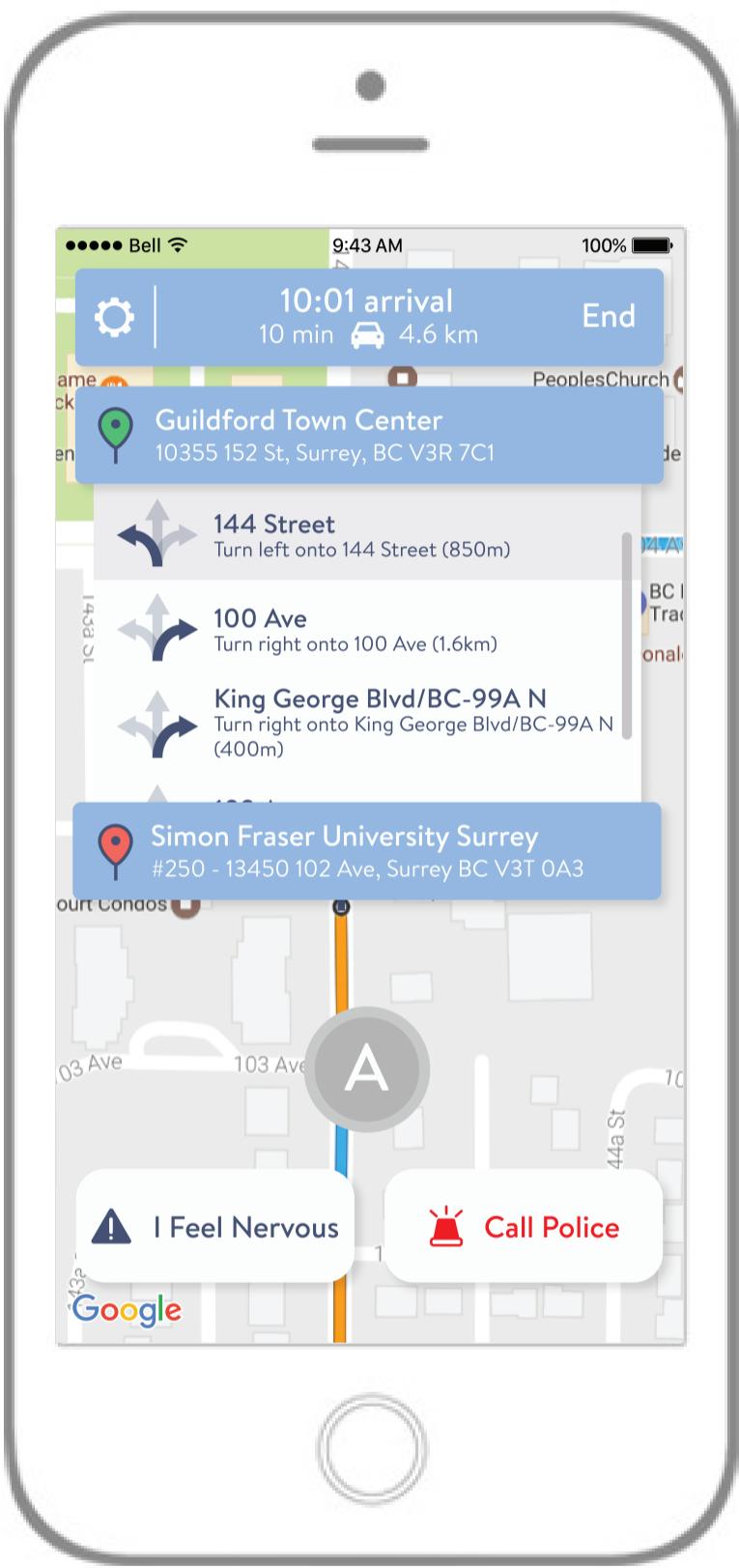
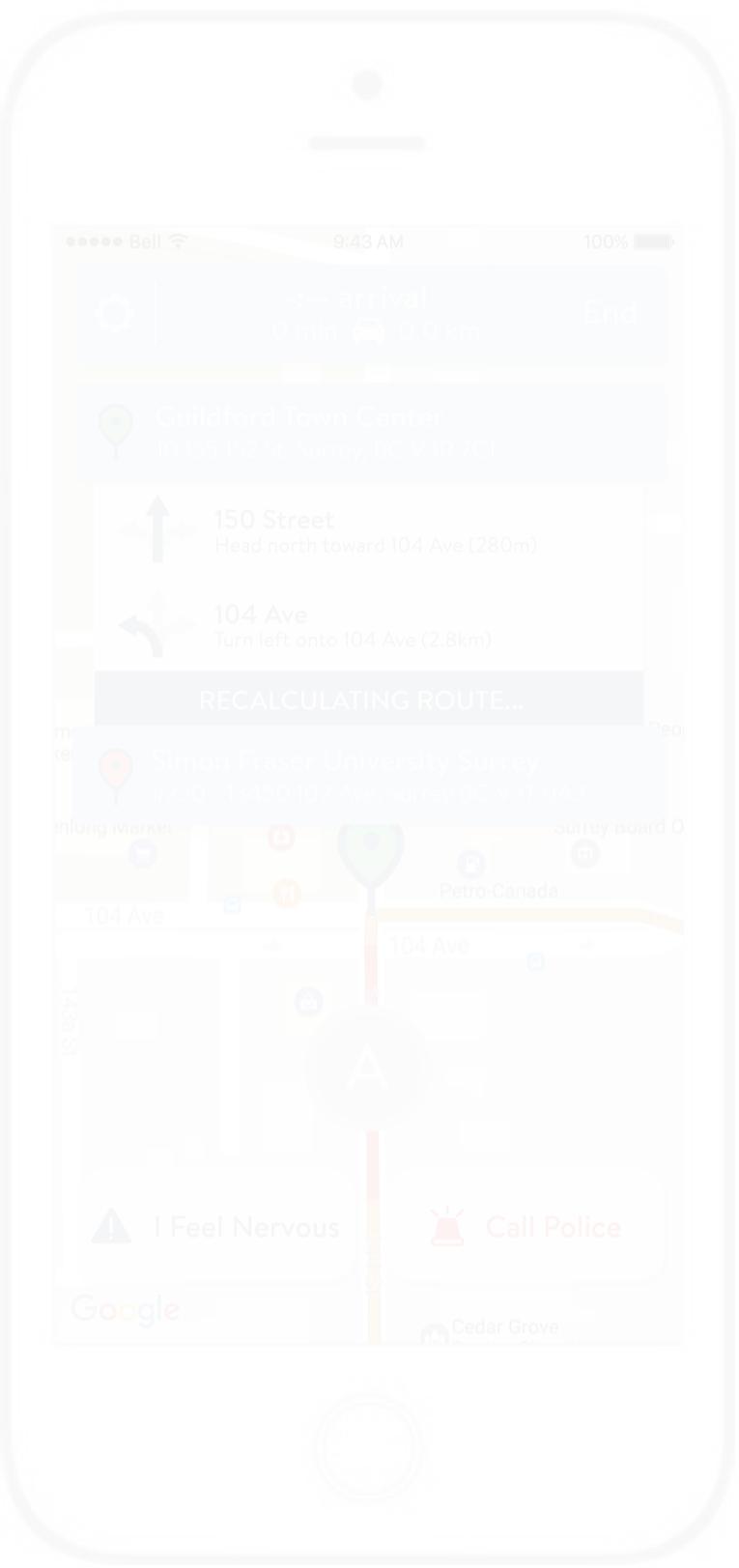


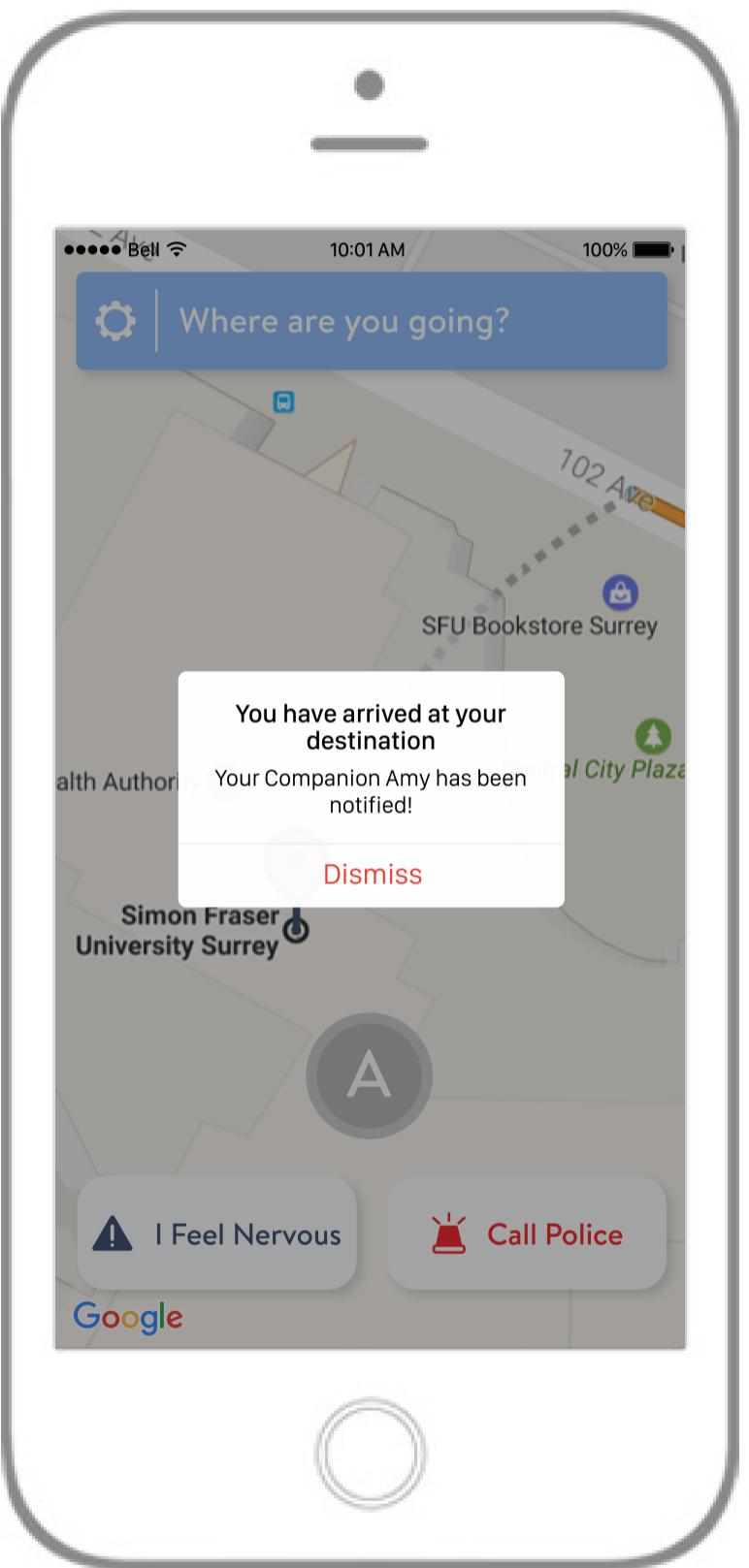


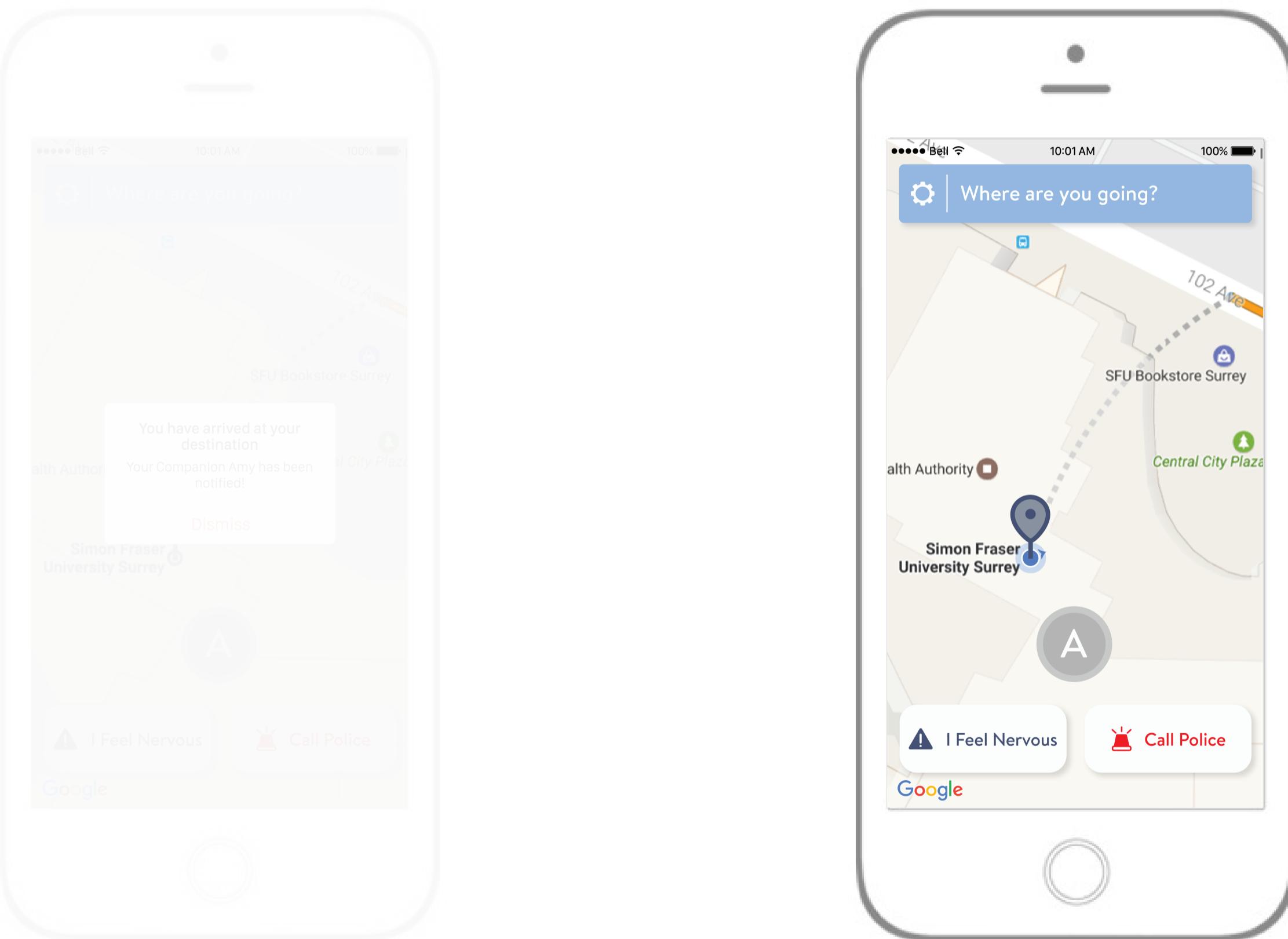












## Reference

Inspired by Google Maps Navigation and Directions

Screenshots of Google Maps Trip Information:

<https://goo.gl/Pzkn1U>

Screenshots of Companion app made by Lingxiao Pan

Application Font:

<https://www.digitaldownloads.io/downloads/brandon-text-font-family-12-fonts/>

iOS Font:

<https://github.com/supermarin/YosemiteSanFranciscoFont>

iOS 9 UI Kit for Illustrator:

<http://mercury.io/blog/free-ios-9-3-iphone-ui-kit-for-illustrator-and-sketch>

Google logo:

[https://www.seeklogo.net/google-2015-new-logo-vector-file73613-download.html/](https://www.seeklogo.net/google-2015-new-logo-vector-file73613-download.html)

All internal application icons were recreated in Illustrator

Persona Pictures:

<https://pixabay.com/en/person-woman-femal-business-woman-801829/>

<https://www.pexels.com/photo/driving-car-steering-wheel-27301/>,

<https://www.pexels.com/photo/woman-wearing-earpiece-using-white-laptop-computer-210647/>

Reference Picture:

<http://www.a1security.com/>

