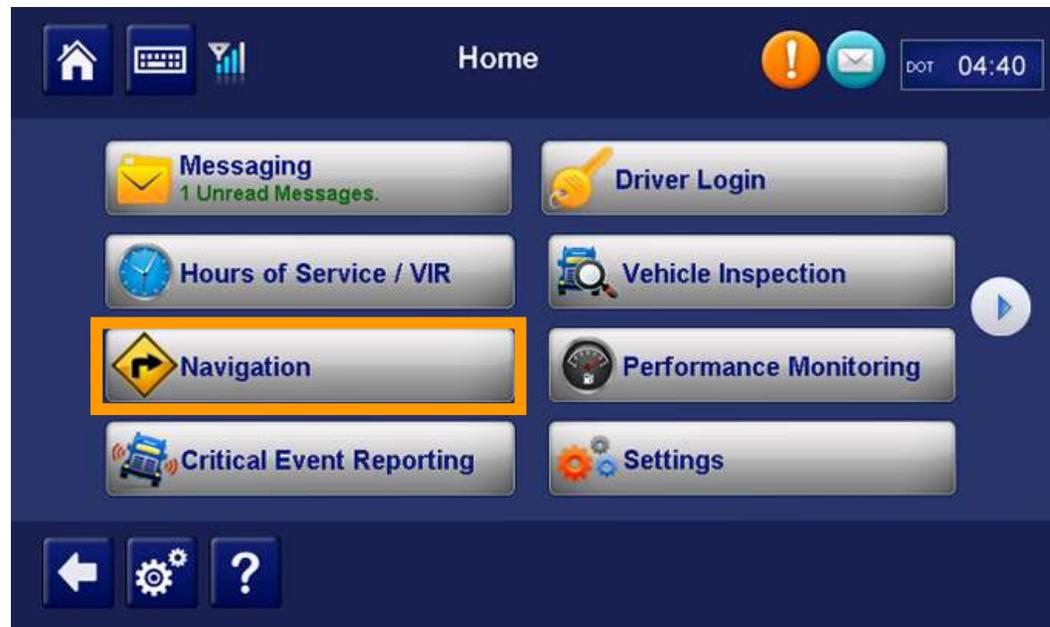


# Navigation

## MCP50 Driver Training

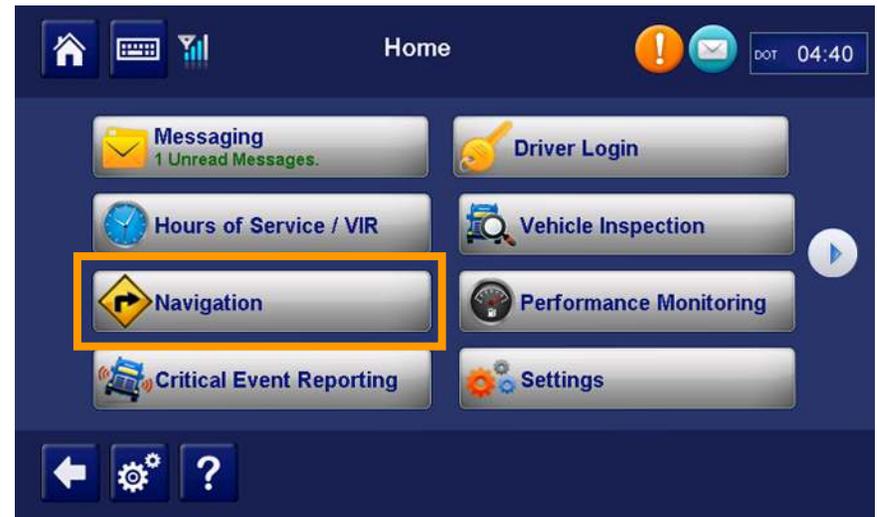
# Navigation

- Navigation provides accurate, interactive maps, truck routing, and turn-by-turn directions.
- You need to know how to:
  - Navigate to an address
  - Customize map display
  - Set point-of-interest (POI) display options
  - Customize routing options
  - Generate a route detour
  - Find nearby POIs (food, gas, etc.)



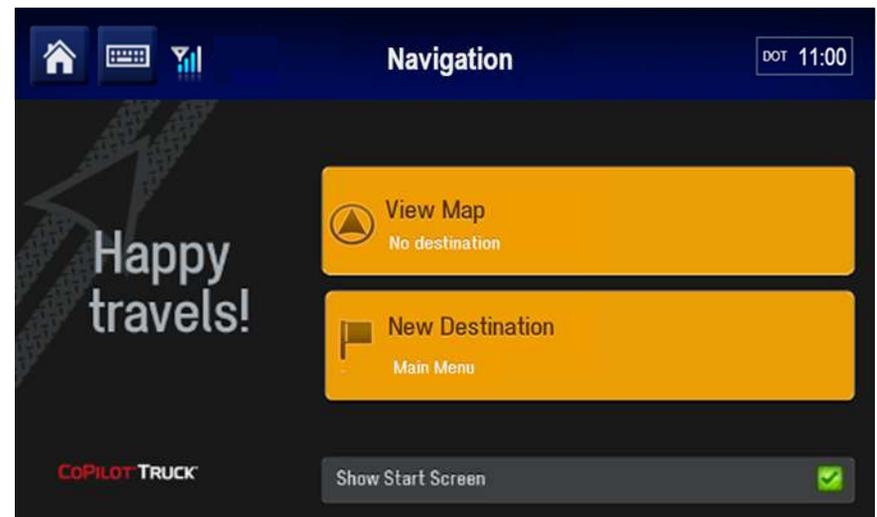
# Navigation: Overview

To start CoPilot, from the Home screen, tap Navigation.



The CoPilot Welcome screen displays the first time you start Navigation.

-  Opens the guidance screen displaying your current location.
-  Opens the Go To menu to enter a new destination.



# Navigation: Overview

Tap a location on the map display to learn more about it.

Tap  to open the Driving Menu.

 Choose between a 2D or 3D map display.

 Display large, text-only directions.

 Calculate an alternate route to your destination.



# Navigation: Overview

 Find Points of Interest (POIs) such as the nearest gas station, restaurant, etc.

 Display the best route or calculate an alternative route.

 Tap the “x” close button to dismiss the menu without taking action.



# Navigation: Overview

This is the **Go To** tab on the **Main Menu**. Each tab offers different menu options.



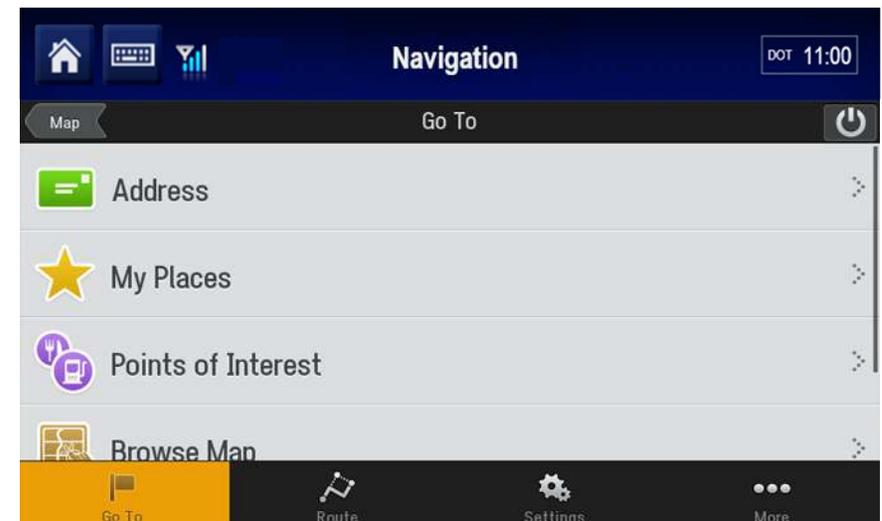
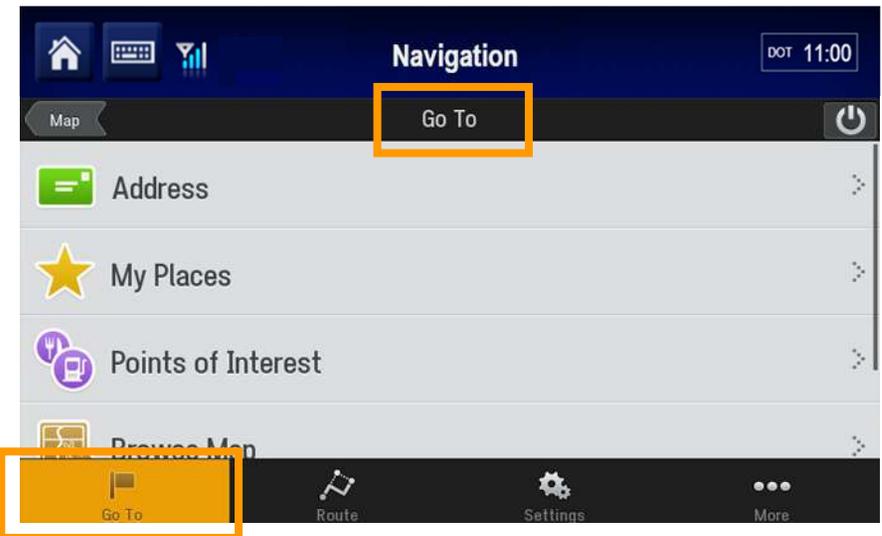
Type the address to set your destination.



Navigate to frequently-visited locations.



Search for Points of Interest (POIs) such as ATMs, hotels, restaurants, gas stations, and airports.



# Navigation: Overview



Tap a location on the map to specify a destination.



Type lat/long coordinates to specify a destination.

This is the **Route** tab on the main menu.



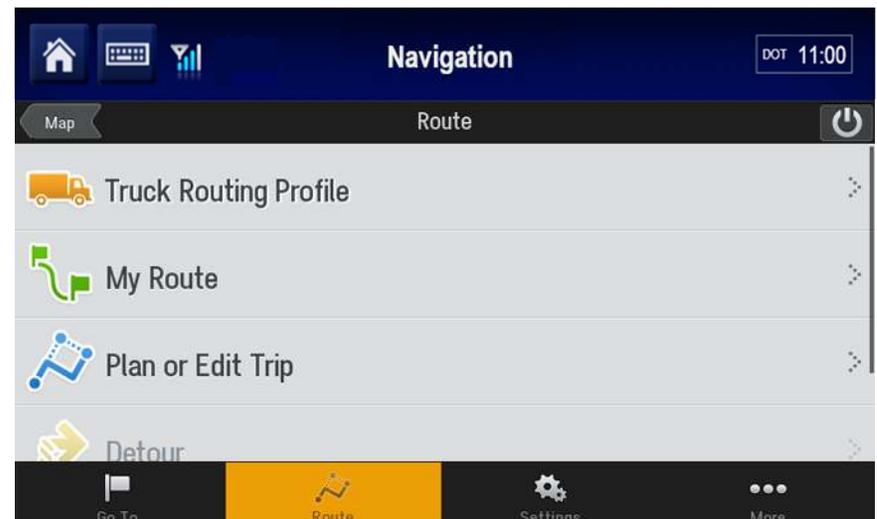
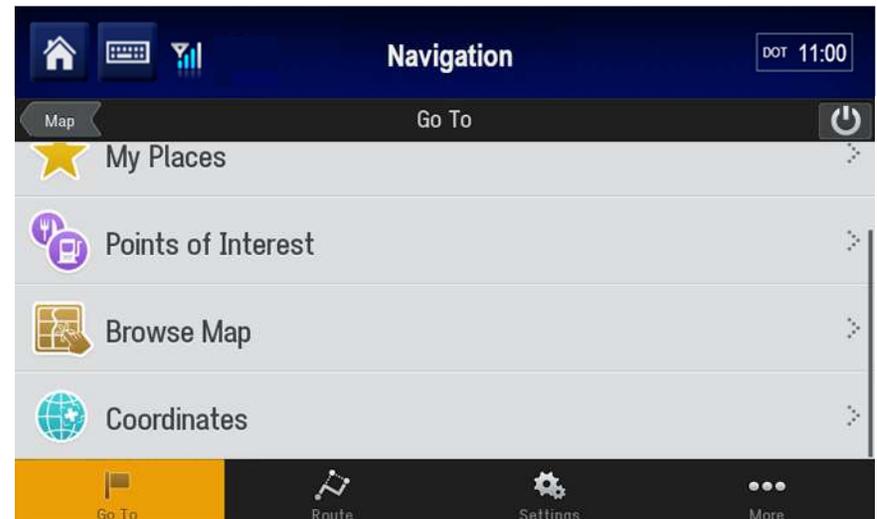
Customize your vehicle and navigation preferences including: Hazmat, Speeds, and Avoid Tolls.



After a trip has begun, view up to 3 alternate routes to your destination.



Plan a trip from start to finish adding stops such as fuel, hotel, or restaurant.



# Navigation: Overview

 Make a detour to your destination.

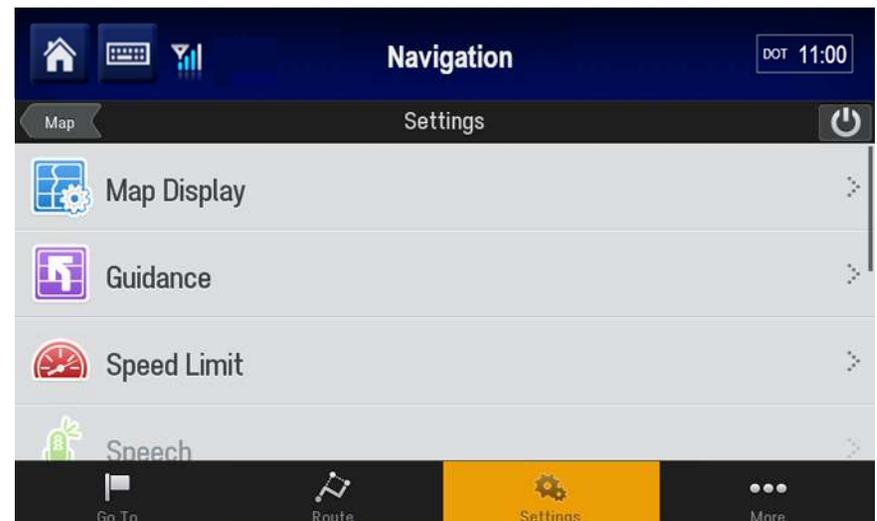
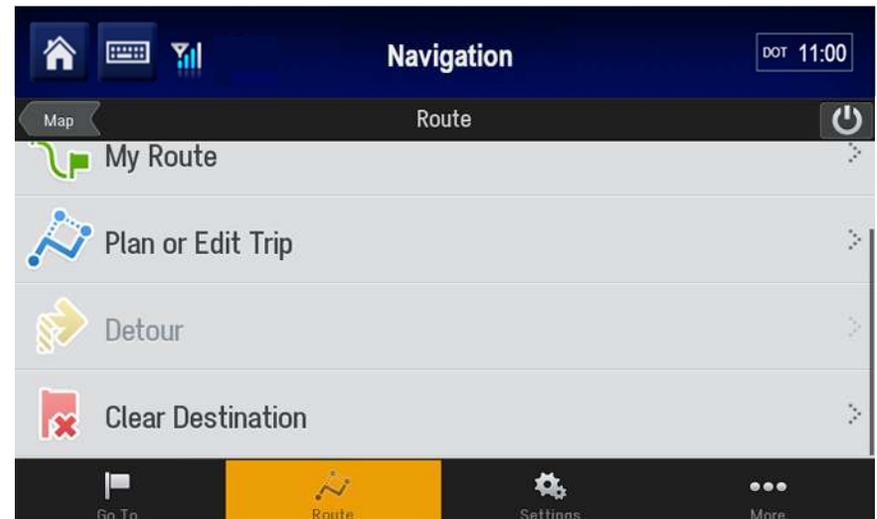
 Stop receiving turn-by-turn guidance.

This is the **Settings** tab on the main menu.

 Change options such as how the maps are displayed.

 Display a realistic view of the road layout with lane indicator arrows and sign posts at major junctions and exits.

 Display the speed limit of the road you are on and alert if you go over.



# Navigation: Overview



Provide voice guidance.



View current lat/long, time and date, speed and elevation.



Switch between miles and kilometers.



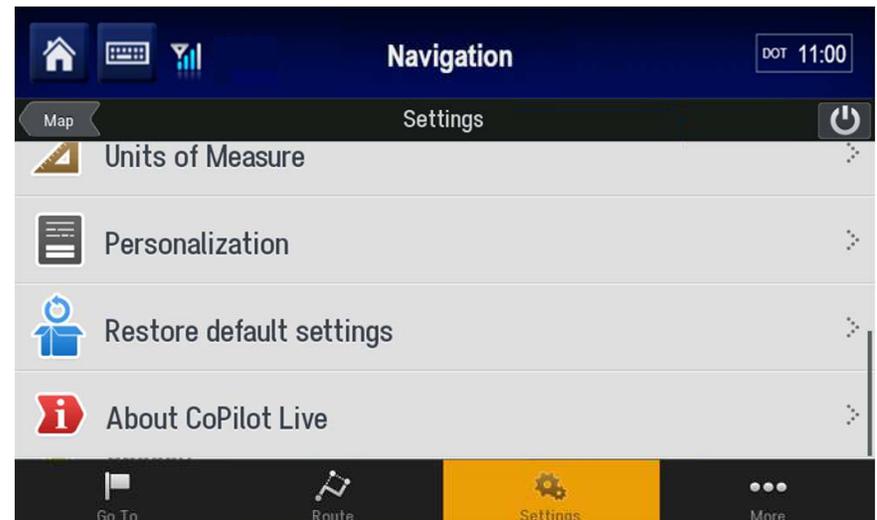
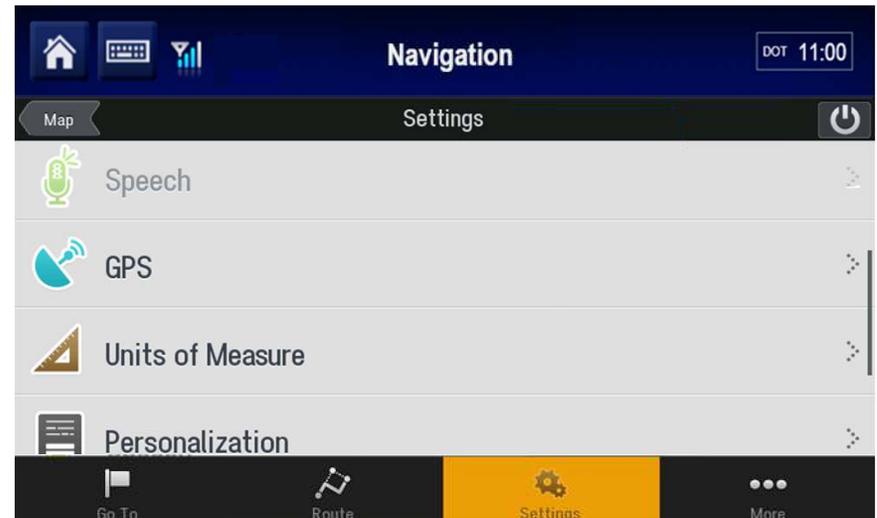
Display welcome message at start up.



Restore CoPilot to original settings.

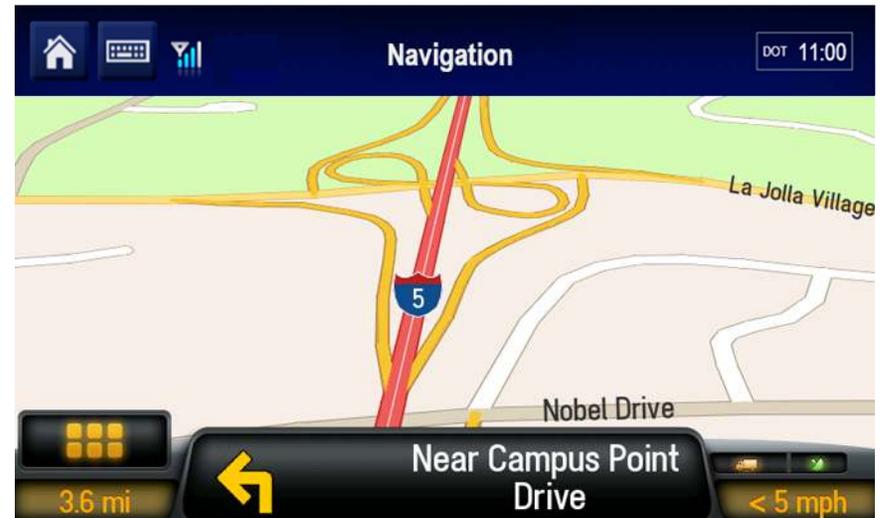


Display software version, maps, points of interest, product key, and serial number.



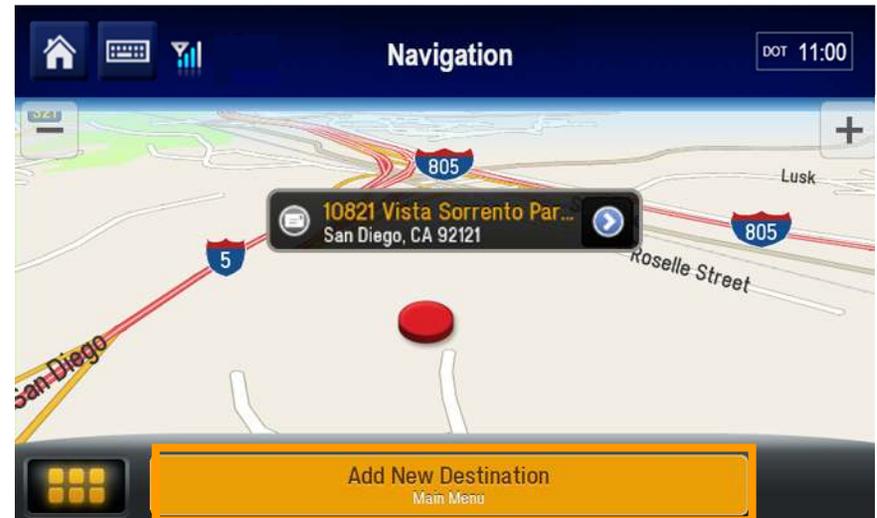
# Navigation: Overview

The best way to become familiar with CoPilot is to explore its menus while your vehicle is stopped.



# Navigation: Destination

1. To generate a route to an address from your current location:
2. Tap Add New Destination.
3. Tap Address.



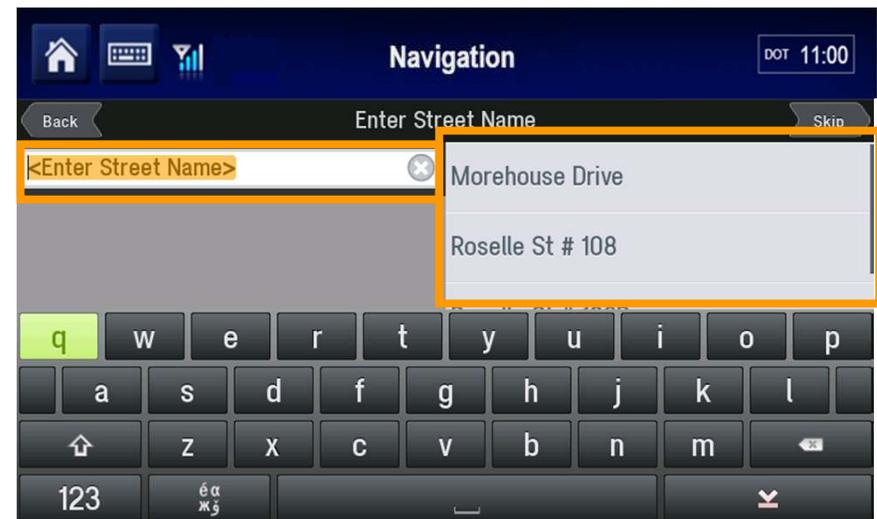
# Navigation: Destination

3. Type the zip code or the first letters of the name of the city.

When the city you are looking for appears in the list, tap that line.



4. Start typing the name of the street. When the street appears in the list, tap it.

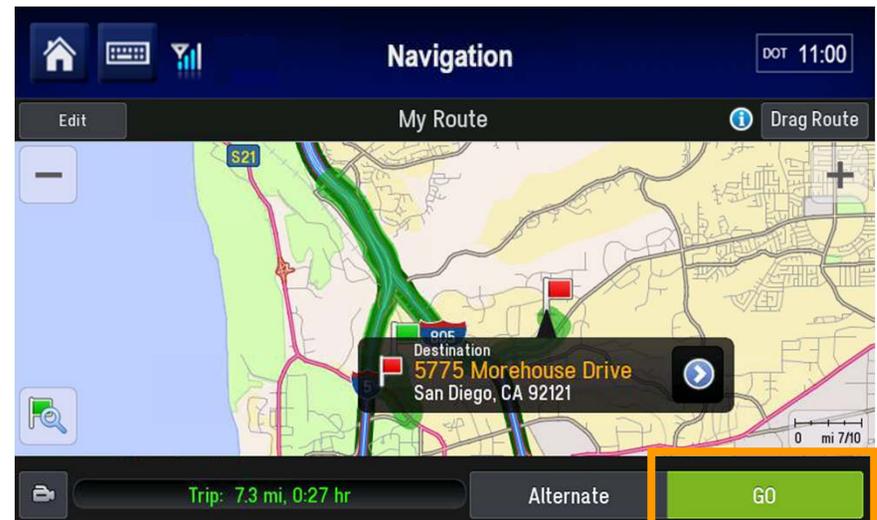


# Navigation: Destination

5. Start typing the street number.  
(Note that CoPilot always calls the "street number" a "house number," even if the destination is not a house.) When the address you want appears, tap it.



6. Tap GO. The first step of your directions displays.

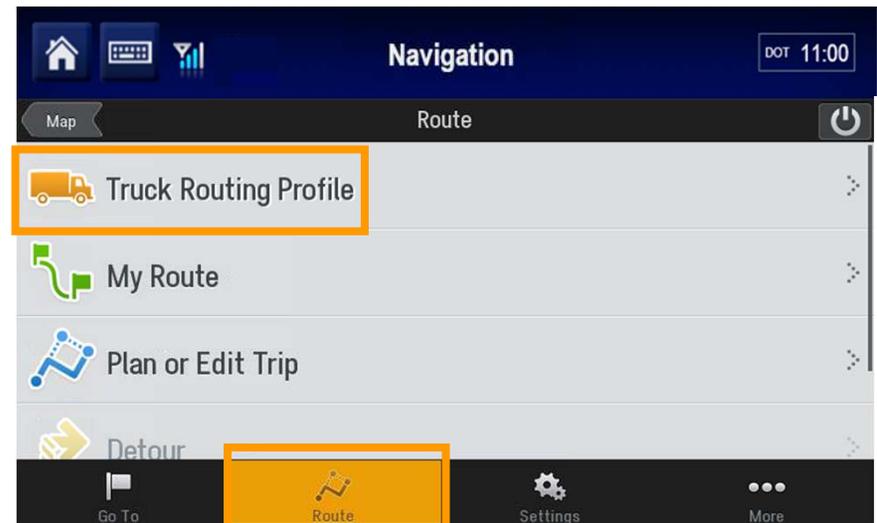
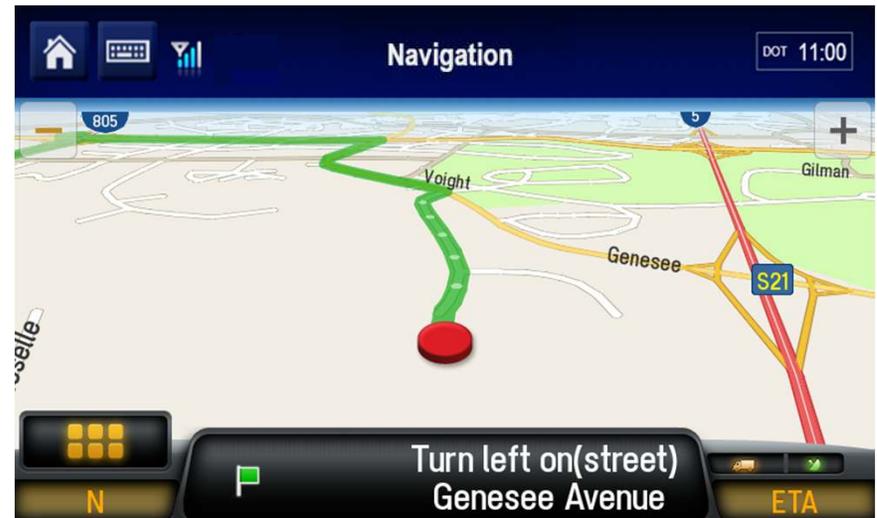


# Navigation: Customize Routing Options

You can customize routing options to match your vehicle and load type to ensure safe, reliable, truck-legal routing.

To set your Truck Routing Profile:

1. From the Main Menu tap Route.
2. Tap Truck Routing Profile.

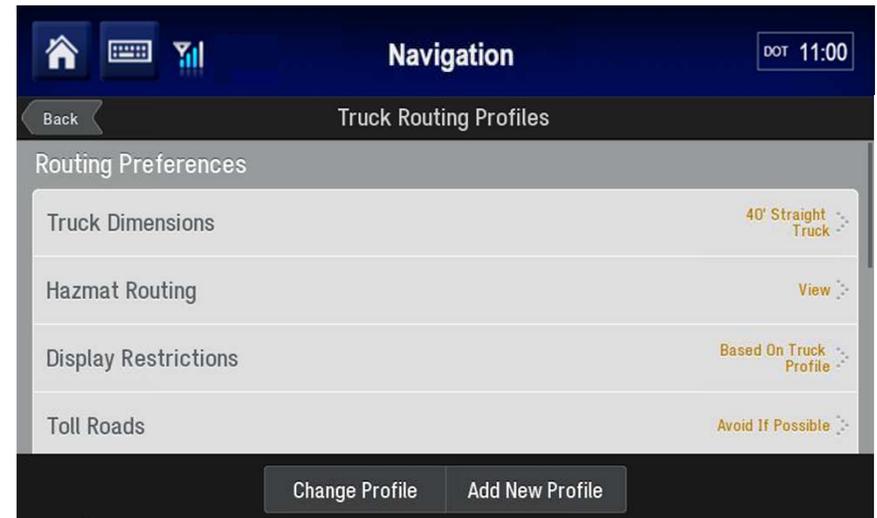


# Navigation: Routing Options

CoPilot provides a number of screens where you set parameters and choose preferences.

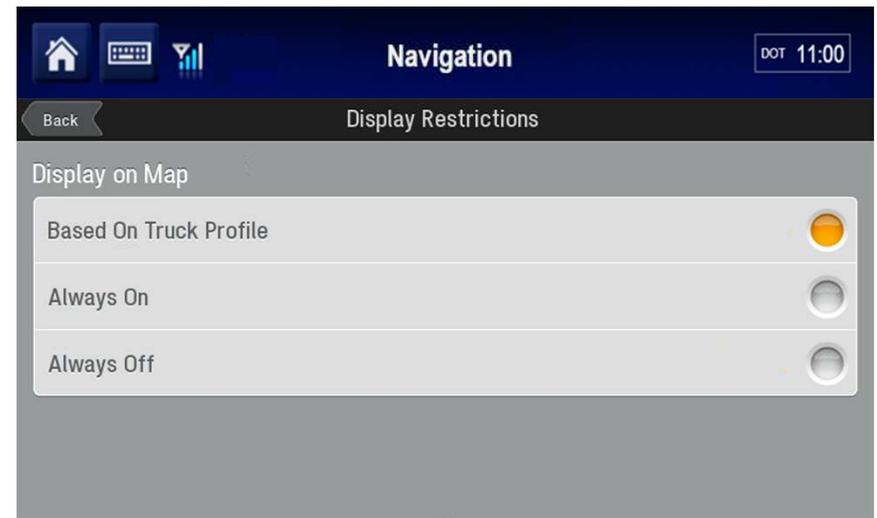
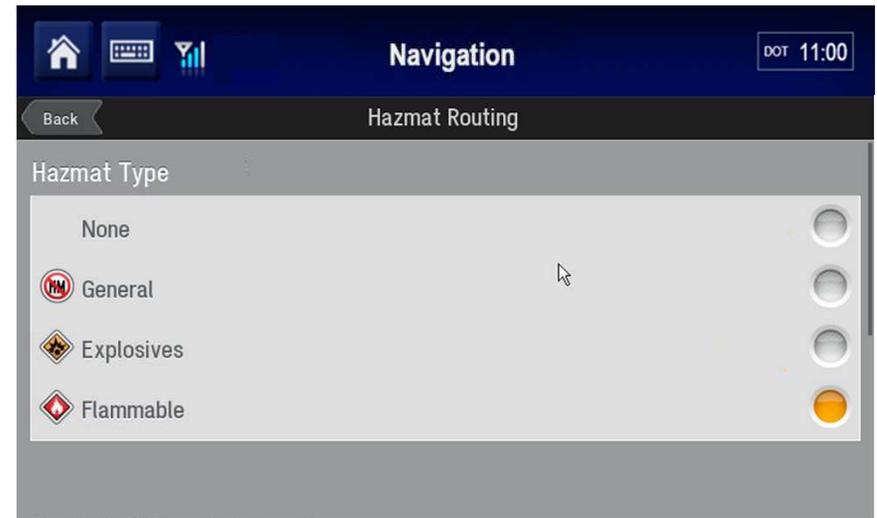
You can specify:

- The dimensions of your vehicle



# Navigation: Routing Options

- Routing alternatives for hazardous materials
- Display restrictions on your map while driving



# Navigation: Routing Options

- Your preferences concerning toll roads
- And other miscellaneous routing preferences

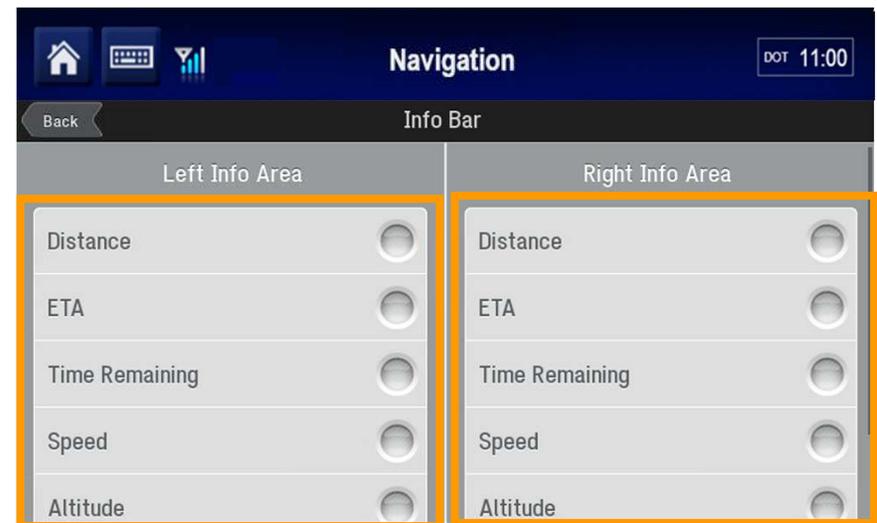
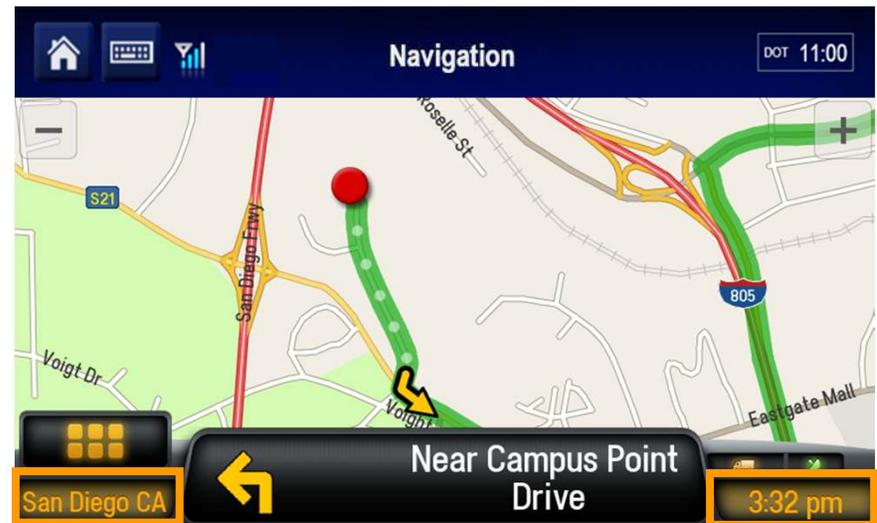


# Navigation: Customize Maps

You can customize maps many different ways. Here are some of the more important customizations:

1. To choose what information to display in the right and left Info Bar display panels, tap it.

2. Tap the button that describes the information to display.



# Navigation: Customize Maps

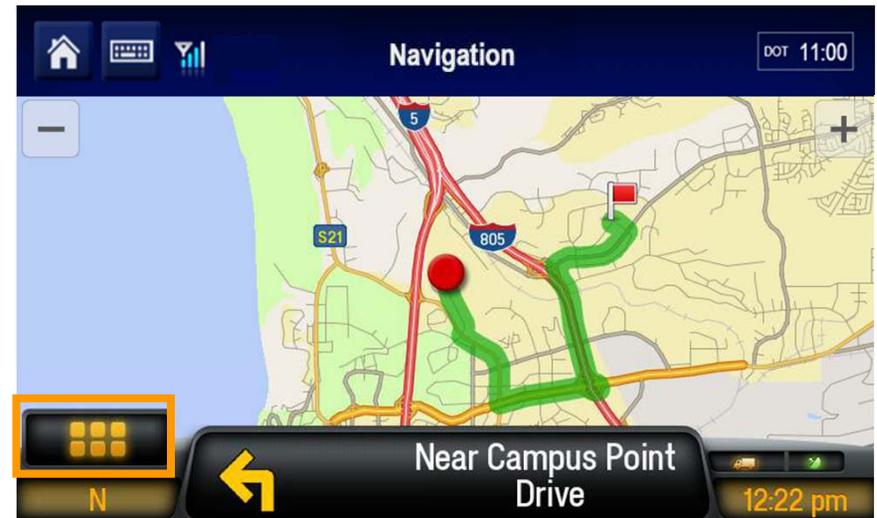
For example, tap Heading in the left info bar to display your current heading.



# Navigation: View Directions

To display your next turn in full screen view, or to see a complete itinerary with your next turn:

1. Tap Driving Menu.

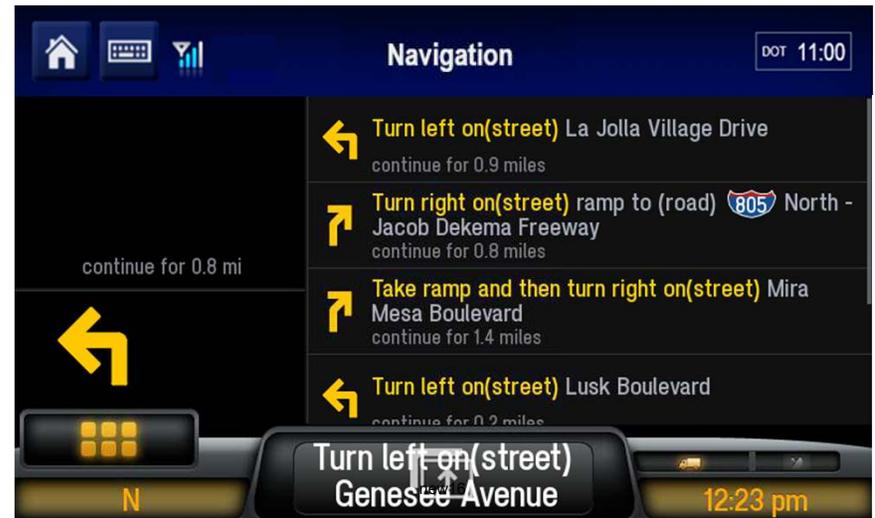


2. Tap Directions.



# Navigation: View Directions

The Directions view displays.

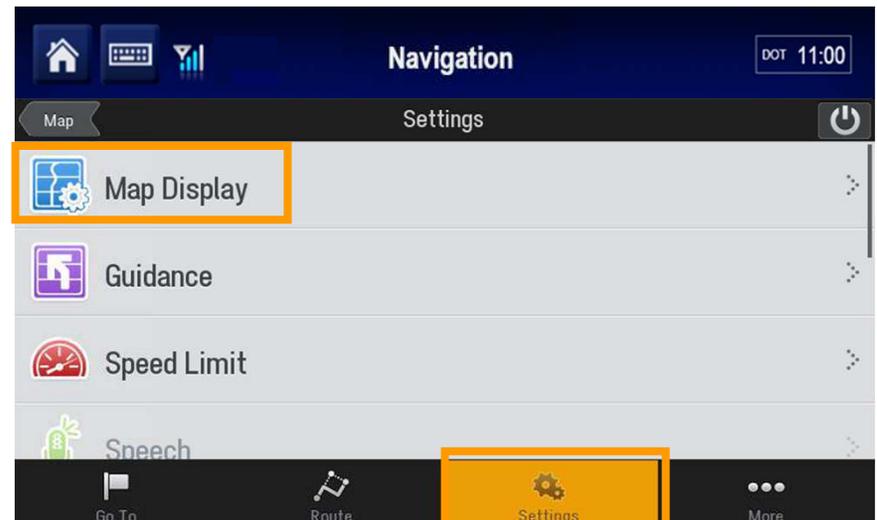
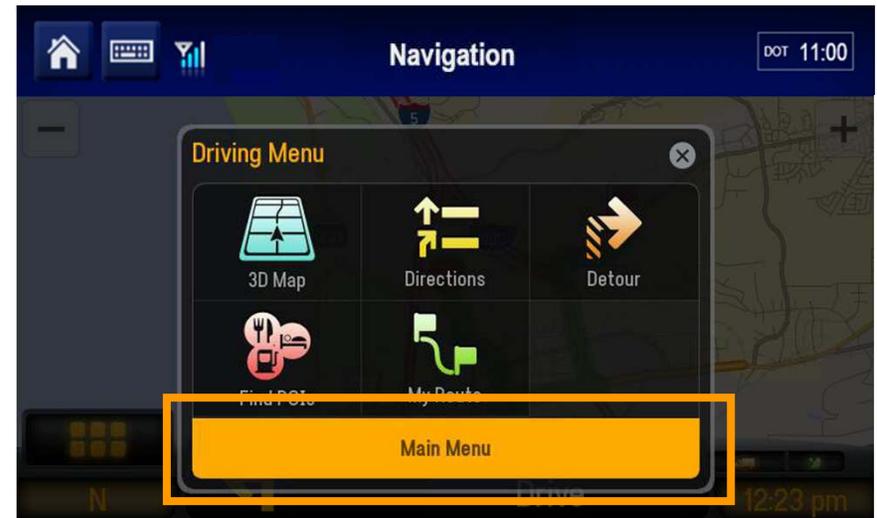


# Navigation: POI Display Options

To set how points of interest (POIs) are displayed, follow the steps below.

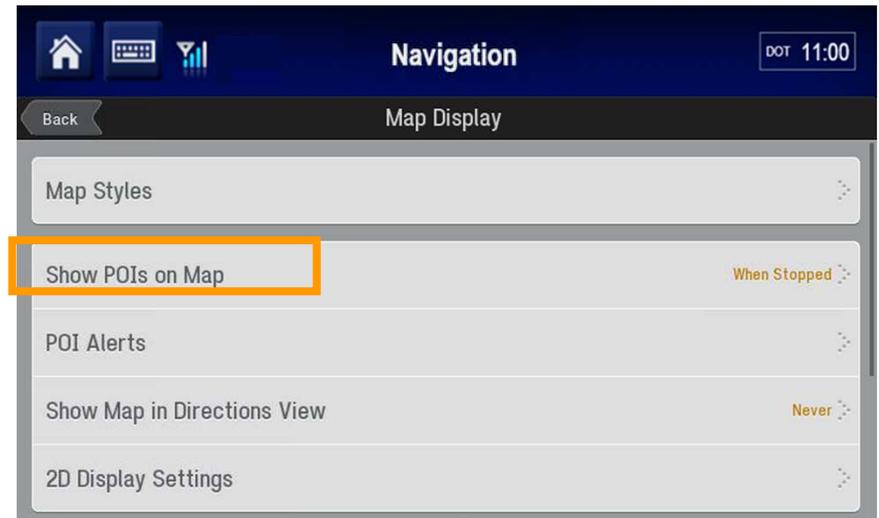
From the Main Menu:

1. Tap Settings.
2. Tap Map Display.



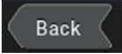
# Navigation: POI Display Options

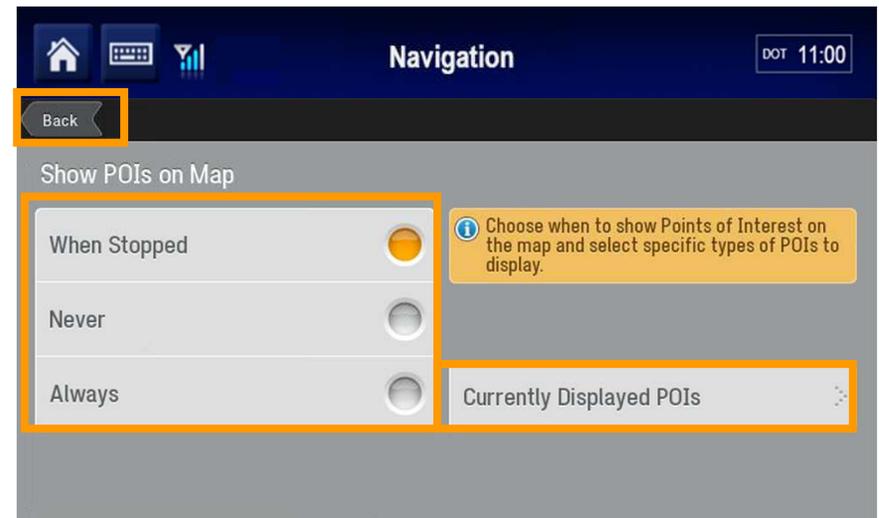
3. Tap Show POIs on Map.



4. Choose the option you want.

To see a list of the POIs currently displayed, tap the Currently Displayed POIs button.

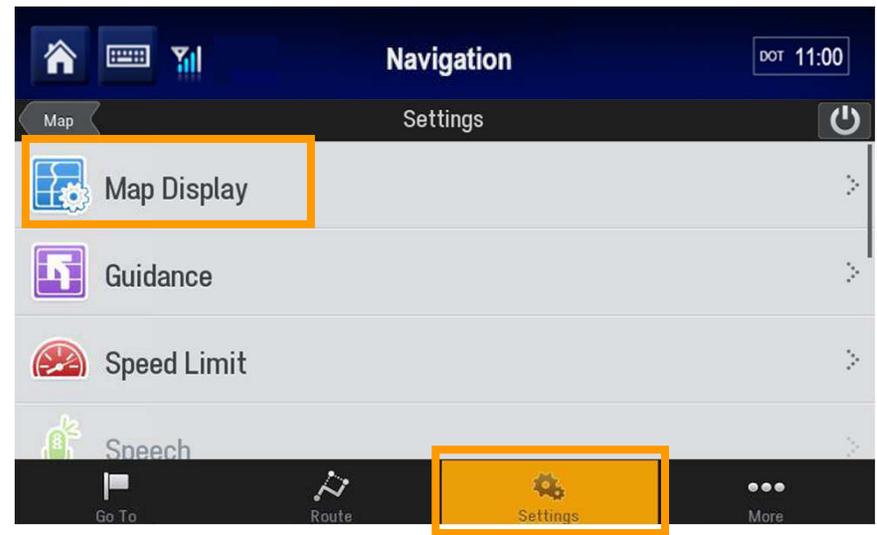
5. Tap  to keep your changes and return to the previous screen.



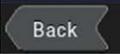
# Navigation: 2D Map Rotation

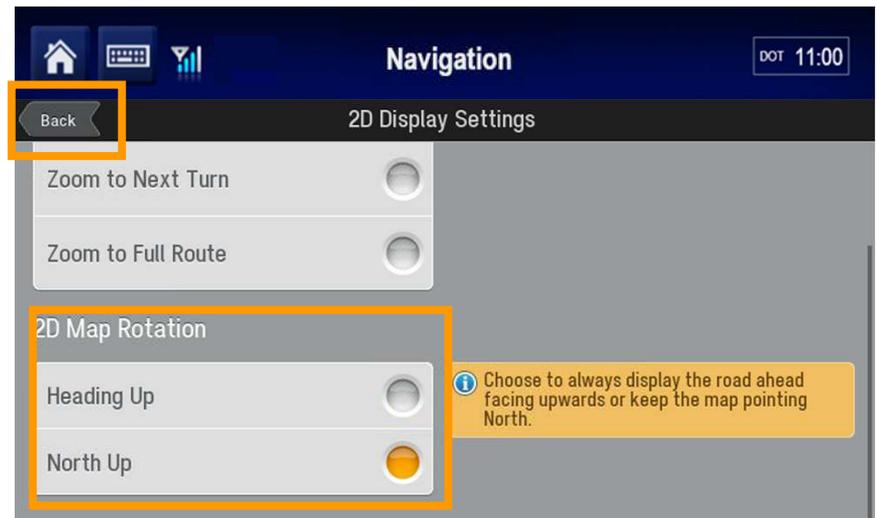
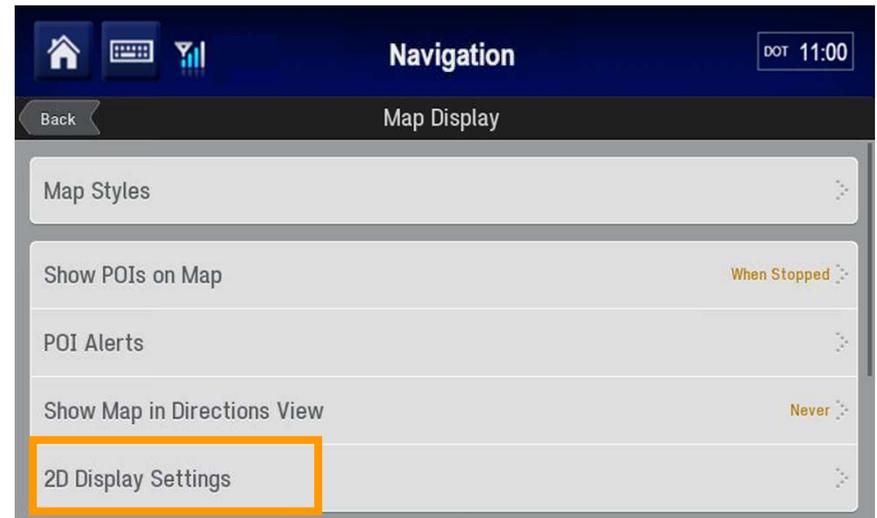
Two-dimensional maps can display with North up, or your heading up. Three-dimensional maps always display heading up.

1. To change the orientation of a 2D map, navigate to the Main Menu.
2. Tap Settings.
3. Tap Map Display.



# Navigation: 2D Map Rotation

4. Tap 2D Display Settings.
5. With your finger, scroll down to 2D Map Rotation.
6. Choose the option you want. Here we chose North Up.
7. Tap  to keep your changes and return to the previous screen.



# Navigation: 2D Map Rotation

The map displays with North up.

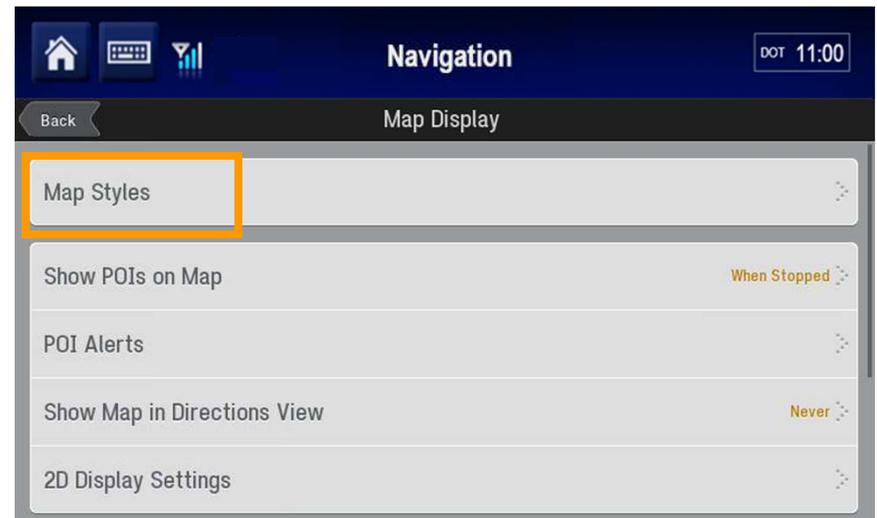


# Navigation: Day/Night Mode

You can set CoPilot to use a Day Only or Night Only map style, or choose Auto to switch automatically between the day and night map styles you have selected.

From the Main Menu:

1. Tap Settings.
2. Tap Map Display.
3. Tap Map Styles.



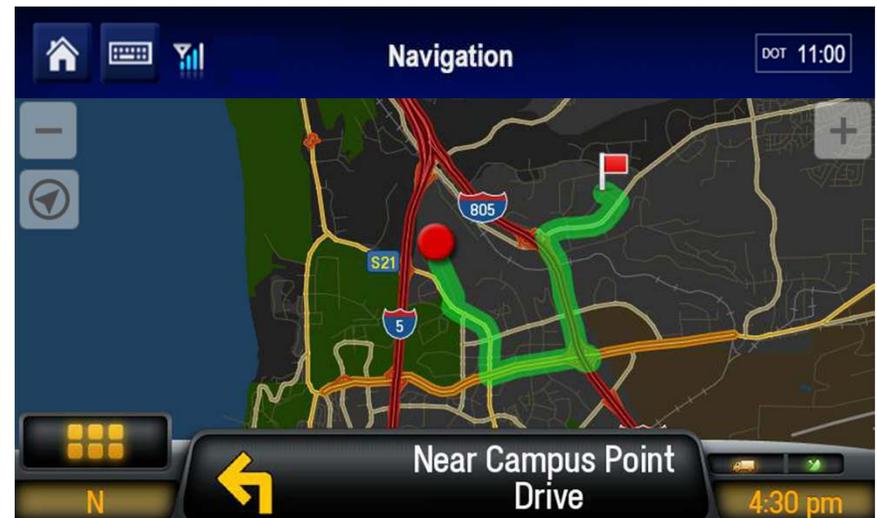
new4

# Navigation: Day/Night Mode

4. Tap the options you want.



The map displays in the selected mode.

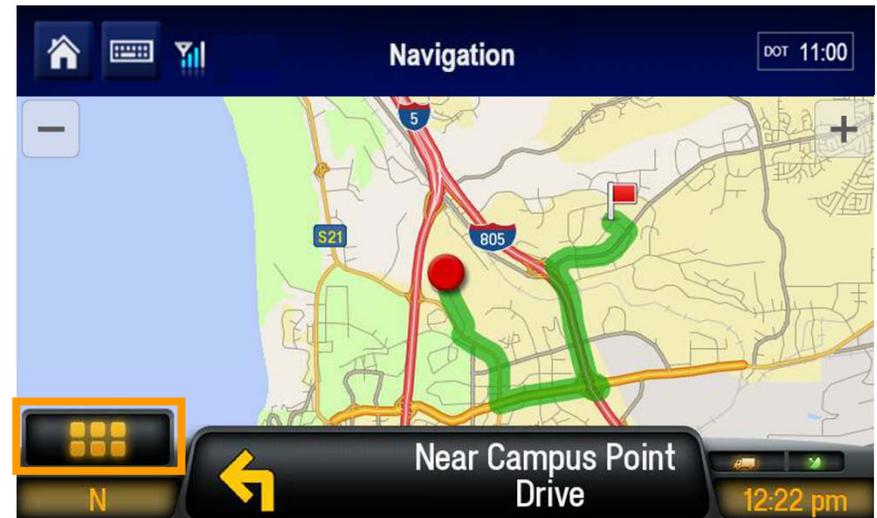


# Navigation: Toggle 3D/2D Views

1. To toggle from 2D to 3D map display mode, tap the Driving Menu.

If your display is in 2D, the Driving Menu displays a 3D button, and vice-versa.

2. To change to 3D, tap 3D Map.



# Navigation: Toggle 3D/2D Views

In this example, because the map was previously in 2D mode, it now shows in 3D mode.

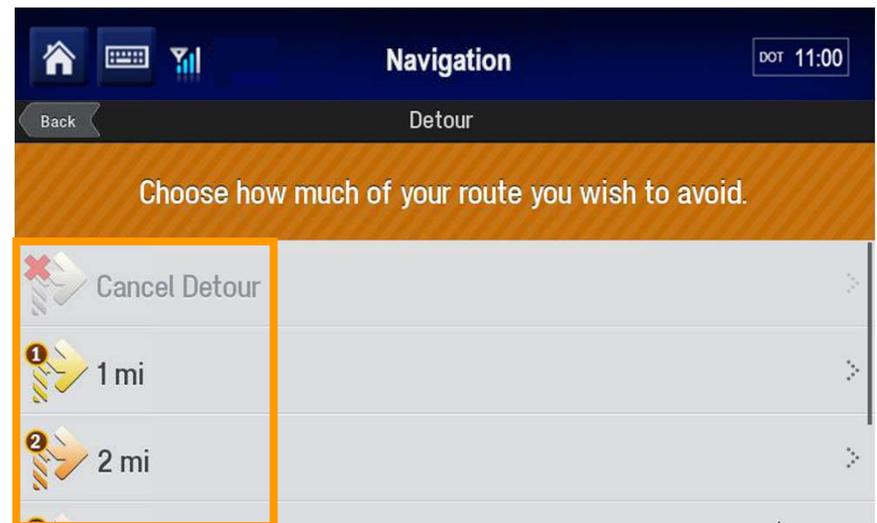


# Navigation: Detour

1. To make a detour to your destination, from the Driving Menu, tap Detour.

CoPilot calculates an alternative route based on how much route (distance) ahead you want to avoid.

2. Select from 1, 2, 5, or 10 miles.



# Navigation: Detour

The green line displays the proposed detour.

3. Tap either:

- Original Route to use the initial route (shown in red.)

or

- Detour Route to accept the detour (shown in green.)

4. Tap GO.

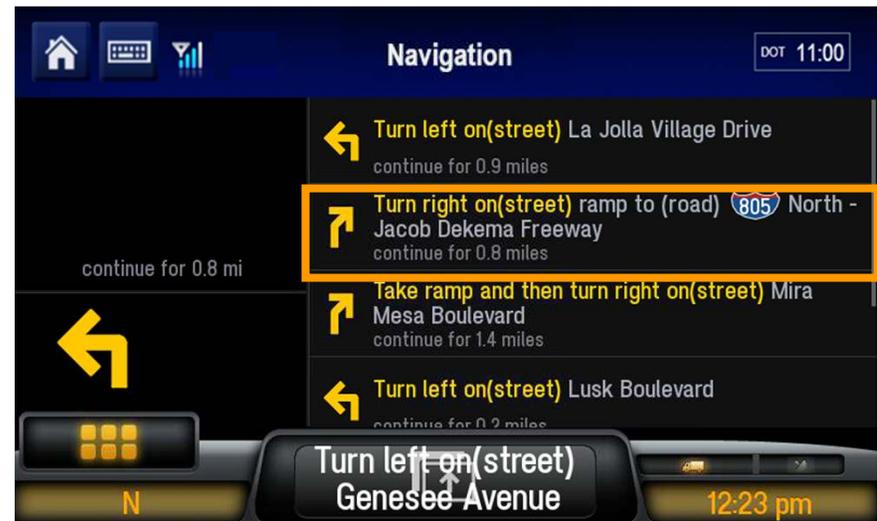


# Navigation: Avoid Roads

1. To avoid specific roads to your destination, from the Driving Menu, tap Directions.

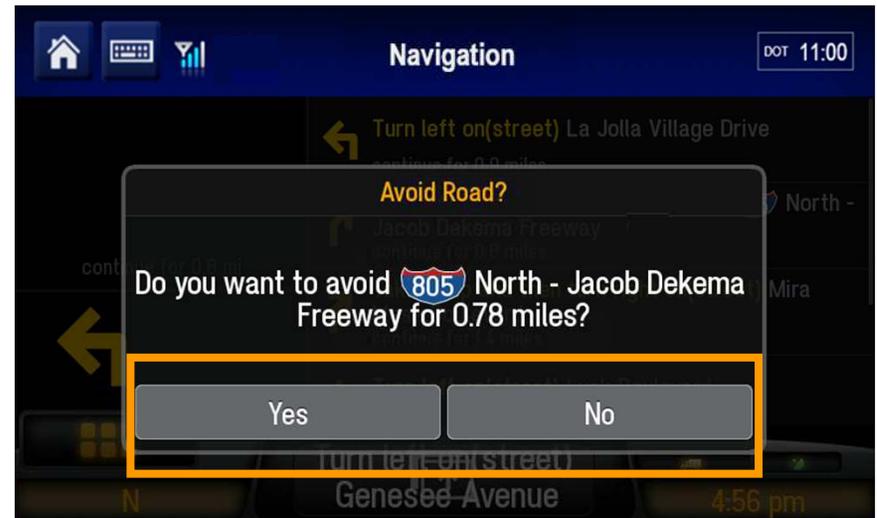


2. Tap the name of the road to avoid.



# Navigation: Avoid Roads

3. Confirm the road to avoid by tapping Yes or No.



4. Review the proposed detour.

5. Tap either:

- Original Route to use the initial route (shown in red).

or

- Detour Route to accept the detour (shown in green).

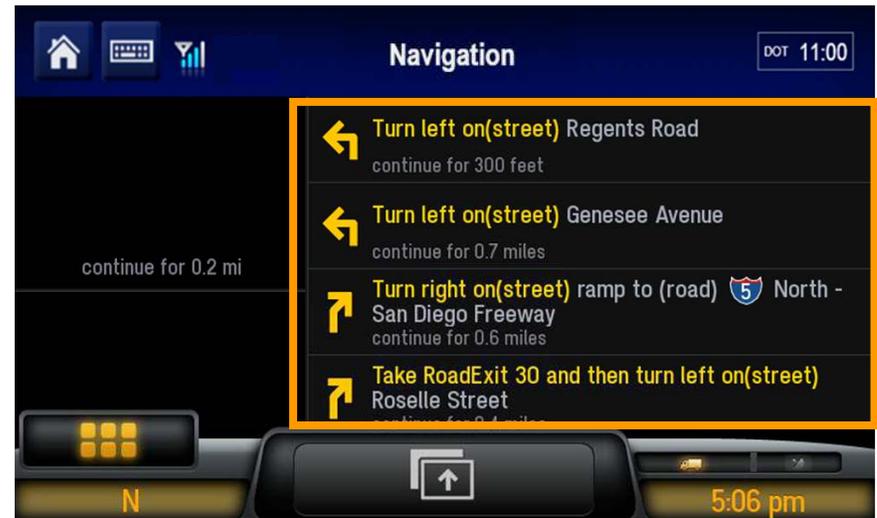
6. Tap GO.



# Navigation: Avoid Roads

In this example, 805 North no longer appears in the itinerary.

You can tap another road to avoid, accept the itinerary as listed, or clear all avoided roads.

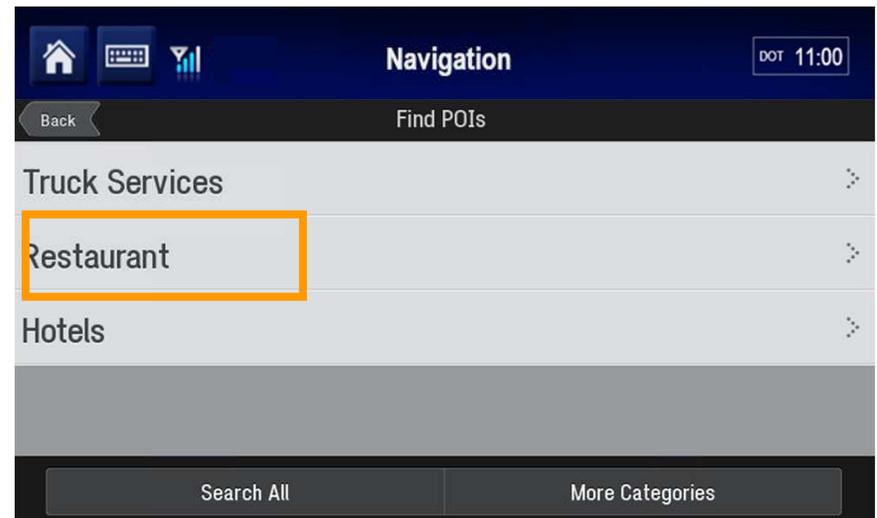


# Navigation: Points of Interest

1. To find a point of interest, such as a gas station or restaurant, from the Driving Menu, tap Find POIs.



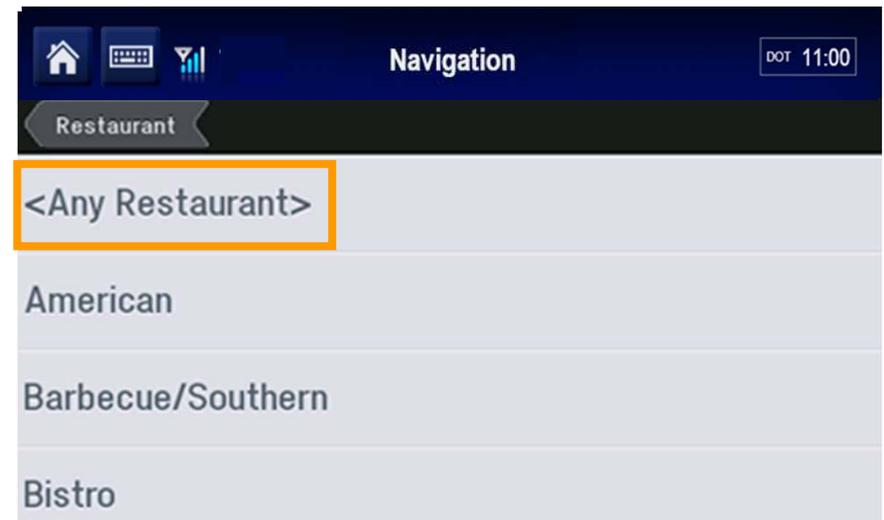
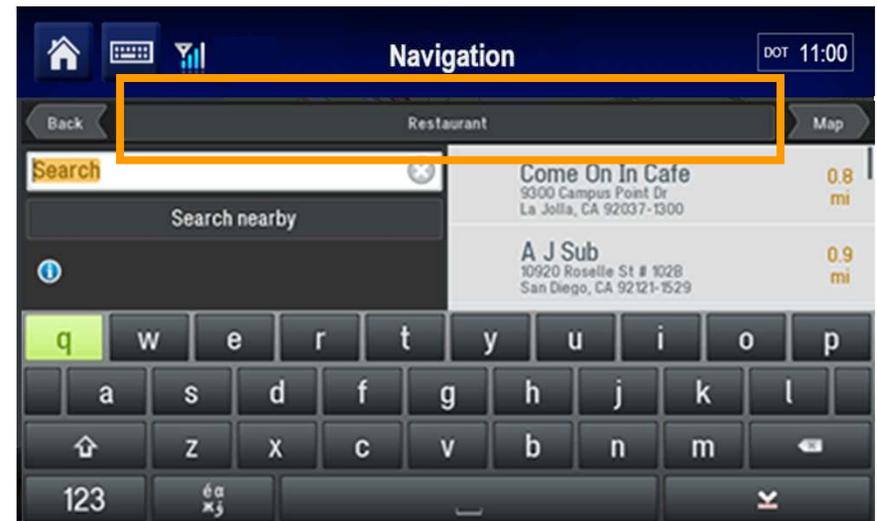
2. Tap the category of POI, for example, Restaurant.



# Navigation: Points of Interest

For this example, let's find nearby restaurants and choose a category.

3. Tap Restaurant in the Category window.
4. Scroll the list to choose a restaurant category, or have all the restaurants listed.
5. Tap Any Restaurant.

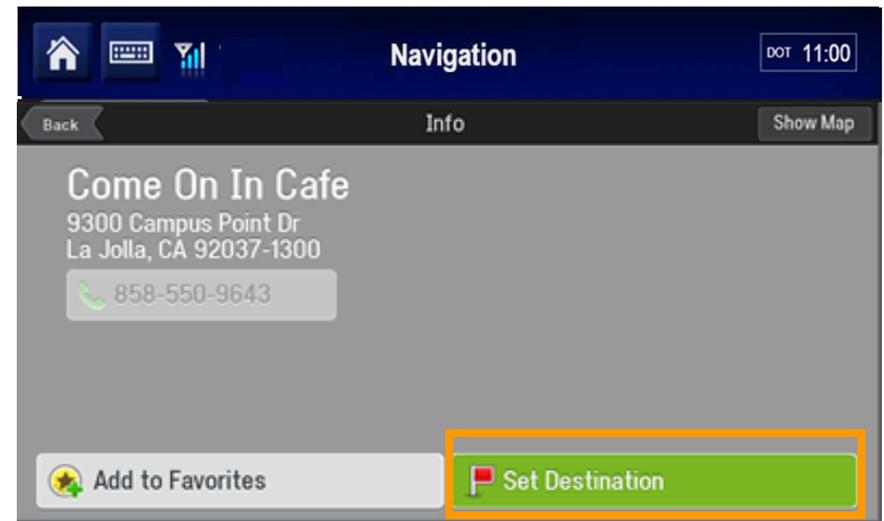
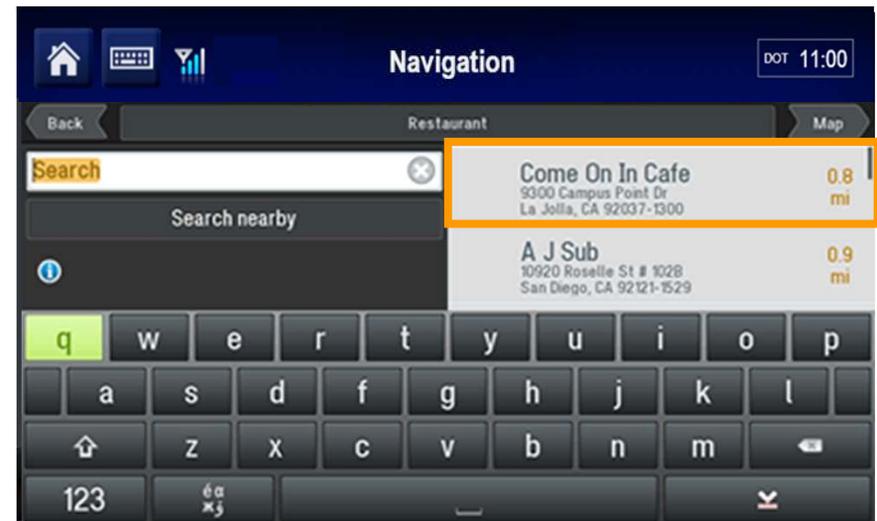


# Navigation: Points of Interest

6. Tap Come On In Cafe.

More information about the POI is displayed.

7. Tap Set Destination.



# Navigation: Points of Interest

The green line displays the proposed route.

7. Tap either:

- Alternate to generate an alternate route.

or

- GO to accept the route.

